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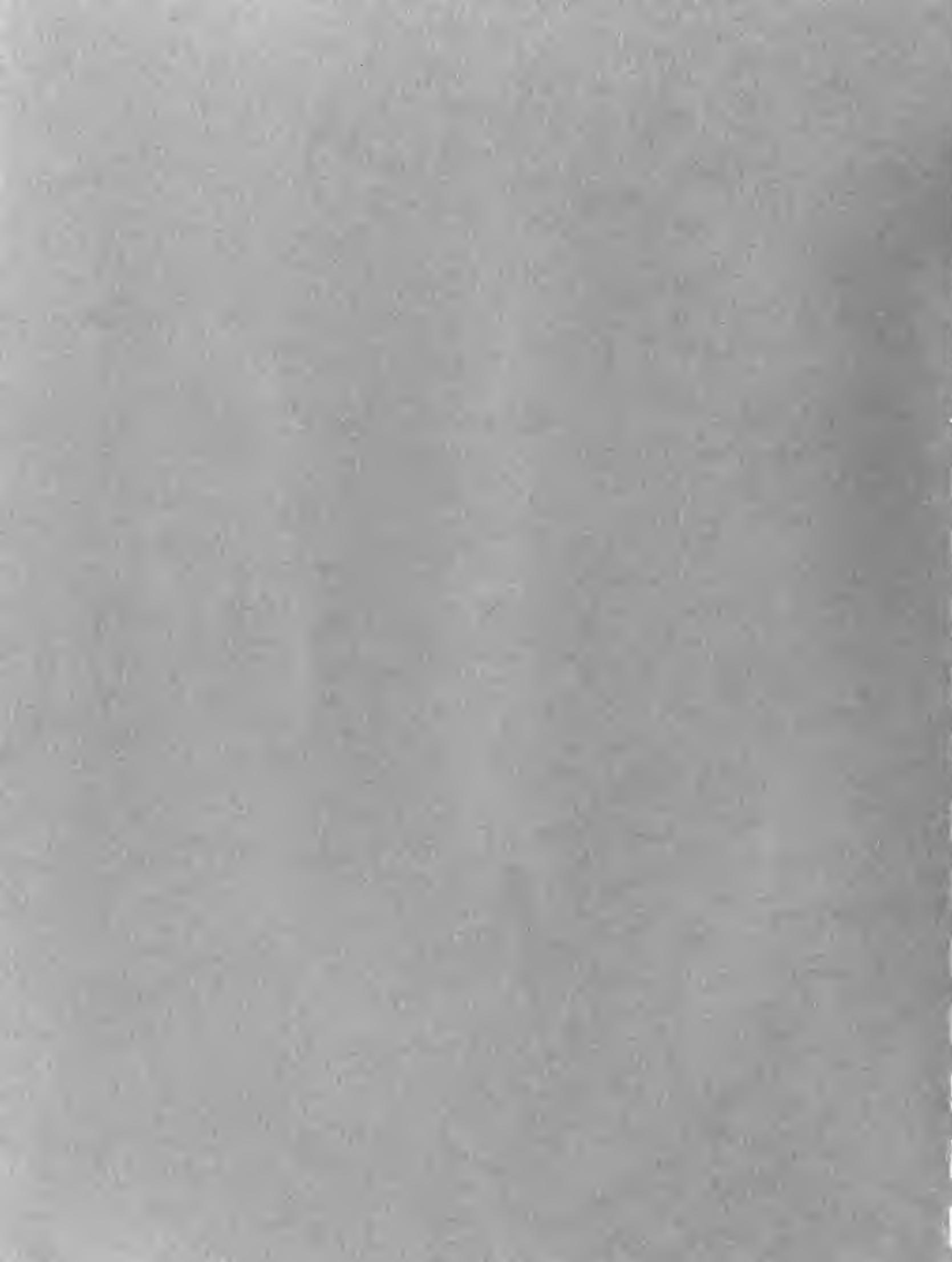


1994

ANNUAL WEED CONTROL RESEARCH REPORT

UNIVERSITY of ILLINOIS
URBANA-CHAMPAIGN, IL

DEC 21 1994
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INTRODUCTION

This report is a summary of herbicide evaluation studies conducted at the University of Illinois Department of Agronomy Weed Science program in 1994. These studies represent a cooperative effort by the University of Illinois and USDA / Agricultural Research Service personnel. The purpose of this report is to inform our colleagues at other universities, our cooperators in industry, and other interested persons of the results of our 1994 field research. The information within does not constitute a recommendation or endorsement of any product or rate. Current recommendations for weed control in field crops are available from the University of Illinois Cooperative Extension Service.

Weed control and crop injury ratings are based on a 0 to 99 scale with 99 equal to complete kill. Plant species are reported as a five-letter Bayer code. Herbicides are referred to by their trade name or experimental number. A list of weed species and herbicides used in these studies can be found in the appendix. A list containing the abbreviated codes used and their meanings appears in appendix F. Rates given as active ingredient may be acid equivalent where applicable.

Fast Finish field cultivator with basket tines at two passes was used to soil incorporate all Preplant Incorporated (PPI) treatments.

In preparing individual studies we tried to be as complete as possible, however, certain omissions do occur. In addition, despite careful proofing, certain errors in text entry and compilation may exist. If you believe that you have found an error, need further assistance, or have suggestions, please contact Doug Maxwell, Steve Hart, or Loyd Wax.

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TITLE: CORN NO-TILL 1

SOIL INFORMATION

TEXTURE: SIL
 PH: 6.1
 % OM: 5.3
 PREV.CROP: GLXMA-SOYBEAN
 PLOT WIDTH: 10.00 FT
 PLOT LENGTH: 30.00 FT

TRIAL INFORMATION

DESIGN:RCB
 REPS:3

APPLICATIONS

NUMBER:	/--01--\	/--02--\	/--03--\	/--04--\	/--05--\	/--06--\	UNIT
TYPE:	L	L	L	L	L	L	
APPL. DATE:	03/03	03/18	04/04	04/18	05/05	06/01	
TIME-BEGIN:	10:00	08:15	10:00	08:35	02:30	01:30	
AIR TEMP.:	33	38	45	57	78	80	F°
REL. HUMID.:	40	40	55	50	42	40	%
WIND DIR.:	SW	W	S	NW	W	NW	
WIND SPEED:	3.0	15.0	8.0	12.0	3.0	5.0	MPH
SKY COND.:	S	S	S	S	P	P	
LEAF MOIST:	NA	NA	D	D	M	D	
ROOT MOIST:	M	M	M	M	M	M	
SOIL TEMP.:	26	34	37	50	62	69	4 INCH
METHOD:	SP	SP	SP	SP	SP	SP	
EQUIPMENT:	BAC	BAC	BAC	BAC	BAC	BAC	
PROPELLANT:	CO2	CO2	CO2	CO2	CO2	CO2	
PLACEMENT:	BC	BC	BC	BC	BC	BC	
NOZZLE:	FF	FF	FF	FF	FF	FF	
NOZZLE NUMBER:	6	6	6	6	6	6	
NOZZLE SPACING:	20.0	20.0	20.0	20.0	20.0	20.0	IN
SWATH WIDTH:	10.0	10.0	10.0	10.0	10.0	10.0	FT
BOOM HEIGHT:	20.0	20.0	20.0	20.0	20.0	20.0	IN
SPEED:	3.00	3.00	3.00	3.00	3.00	3.00	MPH
MIX SIZE:	0.43	0.43	0.43	0.43	0.43	0.43	
MIX SIZE UNIT:	GAL	GAL	GAL	GAL	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	20.00	20.00	20.00	20.00	
VOLUME UNIT:	GPA	GPA	GPA	GPA	GPA	GPA	
PRESSURE:	32.00	32.00	32.00	32.00	32.00	32.00	PSI
DILUENT:	WAT	WAT	WAT	WAT	WAT	WAT	

TIMINGS: 01 02 03 04 07 10

*** TIMING CODES**

- 01 = EPP 60 DAYS BEFORE PLANTING.
- 02 = EPP 45 DAYS BEFORE PLANTING.
- 03 = EPP 30 DAYS BEFORE PLANTING.
- 04 = EPP 15 DAYS BEFORE PLANTING.
- 07 = PRE
- 10 = POST

SPECIES STAGES

SPECIES:01 P ZEAMD	COMMON NAME:CORN, DENT	CULTIVAR:PIIONEER 3394
TARGET:CROP	POPULATION:27000 A	PLANTING DATE:05/05
PLANTING DEPTH:2.0 IN	ROW WIDTH:30.0 IN	
STAGE ON	STAGE CODE	POP.GEN.
06/01	13	NA
		MN SIZE
		7.00
		MX SIZE
		7.00
		AV SIZE
		7.00 IN

SPECIES:02 P SETFA	COMMON NAME:FOXTAIL, GIANT
TARGET:PEST	
STAGE ON	STAGE CODE
06/01	12
	POP.GEN.
	H
	MN SIZE
	1.00
	MX SIZE
	1.00
	AV SIZE
	1.00 IN

*** STAGE CODE**

- 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: **CORN NO-TILL 1**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/04	SETFA 6/04	INJ 7/01	SETFA 7/01
1A	DUAL II (7.8EC)	3.00	LAA	1	0	95	0	82
2A	DUAL II (7.8EC)	3.00	LAA	2	0	96	0	80
3A	DUAL II (7.8EC)	3.00	LAA	3	0	97	0	92
4A	DUAL II (7.8EC)	3.00	LAA	4	0	97	0	90
5A	DUAL II (7.8EC)	3.00	LAA	7	0	98	0	93
6A	HARNESS PLUS (7.0EC)	2.4	LAA	1	0	77	0	58
7A	HARNESS PLUS (7.0EC)	2.4	LAA	2	0	91	0	70
8A	HARNESS PLUS (7.0EC)	2.4	LAA	3	0	98	0	75
9A	HARNESS PLUS (7.0EC)	2.4	LAA	4	0	99	0	85
10A	HARNESS PLUS (7.0EC)	2.4	LAA	7	0	99	0	90
11A	FRONTIER (7.5EC)	1.5	LAA	3	0	95	0	72
12A	UNTREATED CHECK	-	-	-	0	0	0	0
LSD	(0.05)				0	5	0	11

TITLE: CORN NO-TILL 2

SOIL INFORMATION

TEXTURE: SIL
PH: 6.1
% OM: 5.3
PREV.CROP: GLXMA-SOYBEAN
PLOT WIDTH: 10.00 FT
PLOT LENGTH: 33.00 FT

TRIAL INFORMATION

DESIGN:RCB
REPS:3

APPLICATIONS

NUMBER:	/--01--\	/--02--\	UNIT
TYPE:	L	L	
APPL. DATE:	04/18	05/05	MDY
TIME-BEGIN:	08:15	03:00	
AIR TEMP.:	56	78	F°
REL. HUMID.:	50	42	%
WIND DIR.:	NW	W	
WIND SPEED:	12.0	3.0	MPH
SKY COND.:	S	P	
LEAF MOIST:	D	D	
ROOT MOIST:	M	M	
SOIL TEMP.:	55	62	4 INCH
METHOD:	SP	SP	
EQUIPMENT:	BAC	BAC	
PROPELLANT:	CO2	CO2	
PLACEMENT:	BC	BC	
NOZZLE:	FF	FF	
NOZZLE NUMBER:	6	6	
NOZZLE SPACING:	20.0	20.0	IN
SWATH WIDTH:	10.0	10.0	FT
BOOM HEIGHT:	20.0	20.0	IN
SPEED:	3.00	3.00	MPH
MIX SIZE:	0.47	0.47	
MIX SIZE UNIT:	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	
VOLUME UNIT:	GPA	GPA	
PRESSURE:	32.00	32.00	PSI
DILUENT:	WAT	WAT	

TIMINGS: 04 07

* TIMING CODES

04 = EPP 14 DAYS BEFORE PLANTING.

07 = PRE

SPECIES STAGES

SPECIES:01 P ZEAMD COMMON NAME:CORN, DENT CULTIVAR:PIONEER 3394
TARGET:CROP POPULATION:27000 A PLANTING DATE:05/05
PLANTING DEPTH:2.0 IN ROW WIDTH:30.0 IN

SPECIES:02 P SETFA COMMON NAME:FOXTAIL, GIANT
TARGET:PEST
STAGE ON STAGE CODE POP.GEN. MN SIZE MX SIZE AV SIZE
05/05 12 H 2.00 2.00 2.00 IN

SPECIES:03 P ABUTH COMMON NAME:VELVETLEAF
TARGET:PEST
STAGE ON STAGE CODE POP.GEN. MN SIZE MX SIZE AV SIZE
05/05 10 H 0.50 1.00 0.75 IN

SPECIES:04 P POLPY COMMON NAME:SMARTWEED, PENNSYLVANIA
TARGET:PEST
STAGE ON STAGE CODE POP.GEN. MN SIZE MX SIZE AV SIZE
05/05 13 H 1.00 2.00 1.50 IN

SPECIES:05 P CHEAL COMMON NAME:LAMBSQUARTERS, COMMON
TARGET:PEST
STAGE ON STAGE CODE POP.GEN. MN SIZE MX SIZE AV SIZE
05/05 16 H 1.00 2.00 1.50 IN

- * STAGE CODE
10 = 1ST LEAF EMERGING (COTYLEDON UNFOLDING)
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: CORN NO-TILL 2

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/04	SETFA 6/04	ABUTH 6/04	POLPY 6/04	CHEAL 6/04
1A	BICEP II (5.9L)	3.84	LAA	4	0	98	88	97	98
B	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.125	PMV	4					
2A	BULLET(4SC)	4.5	LAA	4	0	98	93	97	97
B	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.125	PMV	4					
3A	GUARDSMAN (5SE)	2.81	LAA	4	0	98	90	98	99
B	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.125	PMV	4					
4A	EXTRAZINE II (90WG)	4.5	LAA	4	0	98	92	98	98
B	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.125	PMV	4					
5A	DUAL II (7.8EC)	2.5	LAA	4	0	96	57	67	87
B	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.125	PMV	4					
6A	FRONTIER 7.5EC	1.41	LAA	4	0	95	50	67	88
B	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.125	PMV	4					
7A	SURPASS (6.4EC)	2.4	LAA	4	0	97	87	97	98
B	ATRAZINE (90DF)	1.5	LAA	4					
C	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	4					
D	2.4-D LVE (3.8EC)	0.5	LAA	4					
E	X-77	0.25	PMV	4					
8A	ICIA5676 (3.2L)	2.4	LAA	4	0	99	95	99	96
B	ATRAZINE (90DF)	1.5	LAA	4					
C	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	4					
D	2.4-D LVE (3.8EC)	0.5	LAA	4					
E	X-77	0.25	PMV	4					
9A	SURPASS100 (5.0EC)	4.125	LAA	4	0	99	95	98	98
B	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.25	PMV	4					
10A	BICEP II (5.9L)	3.54	LAA	7	0	96	92	98	97
B	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7					
C	2.4-D LVE (3.8EC)	0.5	LAA	7					
D	X-77	0.125	PMV	7					
11A	BULLET(4SC)	4.0	LAA	7	0	98	93	98	98
B	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7					
C	2.4-D LVE (3.8EC)	0.5	LAA	7					
D	X-77	0.125	PMV	7					
12A	GUARDSMAN (5SE)	2.81	LAA	7	0	99	95	98	98
B	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7					
C	2.4-D LVE (3.8EC)	0.5	LAA	7					
D	X-77	0.125	PMV	7					

TITLE: **CORN NO-TILL 2**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/04	SETFA 6/04	ABUTH 6/04	POLPY 6/04	CHEAL 6/04
13A	EXTRAZINE II (90WG)	4.5	LAA	7	0	99	95	98	98
B	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7					
C	2.4-D LVE (3.8EC)	0.5	LAA	7					
D	X-77	0.125	PMV	7					
14A	DUAL II (7.8EC)	2.25	LAA	7	0	97	82	89	96
B	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7					
C	2.4-D LVE (3.8EC)	0.5	LAA	7					
D	X-77	0.125	PMV	7					
15A	FRONTIER 7.5EC	1.41	LAA	7	0	98	82	97	98
B	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7					
C	2.4-D LVE (3.8EC)	0.5	LAA	7					
D	X-77	0.125	PMV	7					
16A	SURPASS (6.4EC)	2.0	LAA	7	0	98	82	93	97
C	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7					
D	2.4-D LVE (3.8EC)	0.5	LAA	7					
E	X-77	0.25	PMV	7					
17A	SURPASS (6.4EC)	2.4	LAA	7	0	97	90	98	98
C	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7					
D	2.4-D LVE (3.8EC)	0.5	LAA	7					
E	X-77	0.25	PMV	7					
18A	ICIA5676 (3.2L)	2.0	LAA	7	0	97	78	89	97
C	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7					
D	2.4-D LVE (3.8EC)	0.5	LAA	7					
E	X-77	0.25	PMV	7					
19A	ICIA5676 (3.2L)	2.4	LAA	7	0	98	83	93	96
C	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7					
D	2.4-D LVE (3.8EC)	0.5	LAA	7					
E	X-77	0.25	PMV	7					
20A	SURPASS (6.4EC)	2.0	LAA	7	0	99	98	99	99
B	ATRAZINE (90DF)	1.5	LAA	7					
C	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7					
D	2.4-D LVE (3.8EC)	0.5	LAA	7					
E	X-77	0.25	PMV	7					
21A	SURPASS (6.4EC)	2.4	LAA	7	0	99	96	99	99
B	ATRAZINE (90DF)	1.5	LAA	7					
C	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7					
D	2.4-D LVE (3.8EC)	0.5	LAA	7					
E	X-77	0.25	PMV	7					
22A	ICIA5676 (3.2L)	2.0	LAA	7	0	98	92	98	98
B	ATRAZINE (90DF)	1.5	LAA	7					
C	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7					
D	2.4-D LVE (3.8EC)	0.5	LAA	7					
E	X-77	0.25	PMV	7					
23A	ICIA5676 (3.2L)	2.4	LAA	7	0	99	96	98	98
B	ATRAZINE (90DF)	1.5	LAA	7					
C	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7					
D	2.4-D LVE (3.8EC)	0.5	LAA	7					
E	X-77	0.25	PMV	7					
24A	SURPASS100 (5.0EC)	3.25	LAA	7	0	99	96	99	99
B	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7					
C	2.4-D LVE (3.8EC)	0.5	LAA	7					
D	X-77	0.25	PMV	7					

TITLE: CORN NO-TILL 2

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/04	SETFA 6/04	ABUTH 6/04	POLPY 6/04	CHEAL 6/04
24A	SURPASS100 (5.0EC)	3.75	LAA	7	0	99	98	99	99
B	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7					
C	2.4-D LVE (3.8EC)	0.5	LAA	7					
D	X-77	0.25	PMV	7					
LSD (0.05)					0	2	9	11	3

TITLE: CORN NO-TILL 2

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/01	SETFA 7/01	ABUTH 7/01	POLPY 7/01	CHEAL 7/01
1A	BICEP II (5.9L)	3.84	LAA	4	0	89	78	91	91
B	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.125	PMV	4					
2A	BULLET (4SC)	4.5	LAA	4	0	88	78	89	90
B	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.125	PMV	4					
3A	GUARDSMAN (5SE)	2.81	LAA	4	0	97	73	88	62
B	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.125	PMV	4					
4A	EXTRAZINE II (90WG)	4.5	LAA	4	0	93	87	92	95
B	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.125	PMV	4					
5A	DUAL II (7.8EC)	2.5	LAA	4	0	90	38	60	67
B	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.125	PMV	4					
6A	FRONTIER 7.5EC	1.41	LAA	4	0	82	33	57	57
B	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.125	PMV	4					
7A	SURPASS (6.4EC)	2.4	LAA	4	0	94	72	91	93
B	ATRAZINE (90DF)	1.5	LAA	4					
C	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	4					
D	2.4-D LVE (3.8EC)	0.5	LAA	4					
E	X-77	0.25	PMV	4					
8A	ICIA5676 (3.2L)	2.4	LAA	4	0	94	80	92	94
B	ATRAZINE (90DF)	1.5	LAA	4					
C	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	4					
D	2.4-D LVE (3.8EC)	0.5	LAA	4					
E	X-77	0.25	PMV	4					
9A	SURPASS100 (5.0EC)	4.125	LAA	4	0	93	82	93	96
B	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.25	PMV	4					

TITLE: CORN NO-TILL 2

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/01	SETFA 7/01	ABUTH 7/01	POLPY 7/01	CHEAL 7/01
10A	BICEP II (5.9L)	3.54	LAA	7	0	93	75	92	94
B	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7					
C	2.4-D LVE (3.8EC)	0.5	LAA	7					
D	X-77	0.125	PMV	7					
11A	BULLET (4SC)	4.0	LAA	7	0	90	83	92	93
B	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7					
C	2.4-D LVE (3.8EC)	0.5	LAA	7					
D	X-77	0.125	PMV	7					
12A	GUARDSMAN (5SE)	2.81	LAA	7	0	95	84	93	95
B	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7					
C	2.4-D LVE (3.8EC)	0.5	LAA	7					
D	X-77	0.125	PMV	7					
13A	EXTRAZINE II (90WG)	4.5	LAA	7	0	93	89	94	95
B	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7					
C	2.4-D LVE (3.8EC)	0.5	LAA	7					
D	X-77	0.125	PMV	7					
14A	DUAL II (7.8EC)	2.25	LAA	7	0	93	67	72	77
B	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7					
C	2.4-D LVE (3.8EC)	0.5	LAA	7					
D	X-77	0.125	PMV	7					
15A	FRONTIER 7.5EC	1.41	LAA	7	0	93	70	75	78
B	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7					
C	2.4-D LVE (3.8EC)	0.5	LAA	7					
D	X-77	0.125	PMV	7					
16A	SURPASS (6.4EC)	2.0	LAA	7	0	93	78	78	87
C	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7					
D	2.4-D LVE (3.8EC)	0.5	LAA	7					
E	X-77	0.25	PMV	7					
17A	SURPASS (6.4EC)	2.4	LAA	7	0	92	80	83	87
C	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7					
D	2.4-D LVE (3.8EC)	0.5	LAA	7					
E	X-77	0.25	PMV	7					
18A	ICIA5676 (3.2L)	2.0	LAA	7	0	93	70	70	80
C	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7					
D	2.4-D LVE (3.8EC)	0.5	LAA	7					
E	X-77	0.25	PMV	7					
19A	ICIA5676 (3.2L)	2.4	LAA	7	0	94	75	77	80
C	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7					
D	2.4-D LVE (3.8EC)	0.5	LAA	7					
E	X-77	0.25	PMV	7					
20A	SURPASS (6.4EC)	2.0	LAA	7	0	96	86	96	97
B	ATRAZINE (90DF)	1.5	LAA	7					
C	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7					
D	2.4-D LVE (3.8EC)	0.5	LAA	7					
E	X-77	0.25	PMV	7					
21A	SURPASS (6.4EC)	2.4	LAA	7	0	96	87	95	96
B	ATRAZINE (90DF)	1.5	LAA	7					
C	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7					
D	2.4-D LVE (3.8EC)	0.5	LAA	7					
E	X-77	0.25	PMV	7					

TITLE: **CORN NO-TILL 2**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/01	SETFA 7/01	ABUTH 7/01	POLPY 7/01	CHEAL 7/01
22A	ICIA5676 (3.2L)	2.0	LAA	7	0	96	85	95	97
B	ATRAZINE (90DF)	1.5	LAA	7					
C	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7					
D	2.4-D LVE (3.8EC)	0.5	LAA	7					
E	X-77	0.25	PMV	7					
23A	ICIA5676 (3.2L)	2.4	LAA	7	0	94	88	94	96
B	ATRAZINE (90DF)	1.5	LAA	7					
C	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7					
D	2.4-D LVE (3.8EC)	0.5	LAA	7					
E	X-77	0.25	PMV	7					
24A	SURPASS100 (5.0EC)	3.25	LAA	7	0	94	89	93	96
B	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7					
C	2.4-D LVE (3.8EC)	0.5	LAA	7					
D	X-77	0.25	PMV	7					
24A	SURPASS100 (5.0EC)	3.75	LAA	7	0	95	90	94	96
B	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7					
C	2.4-D LVE (3.8EC)	0.5	LAA	7					
D	X-77	0.25	PMV	7					
LSD	(0.05)				0	4	10	9	18

TITLE: CORN NO-TILL 3

SOIL INFORMATION

TEXTURE: SIL
 PH: 6.1
 % OM: 5.3
 PREV.CROP: GLXMA-SOYBEAN
 PLOT WIDTH: 10.00 FT
 PLOT LENGTH: 35.00 FT

TRIAL INFORMATION

DESIGN: RCB
 REPS:3

APPLICATIONS

NUMBER:	/--01--\	/--02--\	/--03--\	/--04--\	UNIT
TYPE:	L	L	L	L	
APPL. DATE:	04/04	04/18	05/05	05/31	
TIME - BEGIN:	09:30	07:45	02:45	02:00	H
AIR TEMP.:	45	55	78	87	F°
REL. HUMID.:	50	50	42	45	%
WIND DIR.:	S	NW	W	W	
WIND SPEED:	8.0	10.0	3.0	5.0	MPH
SKY COND.:	S	S	P	P	
LEAF MOIST:	D	D	D	D	
ROOT MOIST:	M	M	M	D	
SOIL TEMP.:	38	55	62	74	4 INCH
METHOD:	SP	SP	SP	SP	
EQUIPMENT:	BAC	BAC	BAC	BAC	
PROPELLANT:	CO2	CO2	CO2	CO2	
PLACEMENT:	BC	BC	BC	BC	
NOZZLE:	FF	FF	FF	FF	
NOZZLE NUMBER:	6	6	6	6	
NOZZLE SPACING:	20.0	20.0	20.0	20.0	IN
SWATH WIDTH:	10.0	10.0	10.0	10.0	FT
BOOM HEIGHT:	20.0	20.0	20.0	20.0	IN
SPEED:	3.00	3.00	3.00	3.00	MPH
MIX SIZE:	0.50	0.50	0.50	0.50	
MIX SIZE UNIT:	GAL	GAL	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	20.00	20.00	
VOLUME UNIT:	GPA	GPA	GPA	GPA	
PRESSURE:	32.00	32.00	32.00	42.00	PSI
DILUENT:	WAT	WAT	WAT	WAT	
TIMINGS:	03	04	07	09	

* TIMING CODES
 03 = EPP 30 DAYS BEFORE PLANTING.
 04 = EPP 15 DAYS BEFORE PLANTING.
 07 = PRE
 09 = EARLY POST

SPECIES STAGES

SPECIES:01 P ZEAMD	COMMON NAME:CORN, DENT	CULTIVAR:PIONEER 3394
TARGET:CROP	POPULATION:27000 A	PLANTING DATE:05/05
PLANTING DEPTH:2.0 IN	ROW WIDTH:30.0 IN	
STAGE ON	STAGE CODE	POP.GEN. MN SIZE MX SIZE AV SIZE
05/31	12	NA 5.00 5.00 5.00 IN

SPECIES:02 P SETFA	COMMON NAME:FOXTAIL, GIANT	
TARGET:PEST		
STAGE ON	STAGE CODE	POP.GEN. MN SIZE MX SIZE AV SIZE
05/31	12	LOW 3.00 3.00 3.00

SPECIES:03 P ABUTH	COMMON NAME:VELVETLEAF	
TARGET:PEST		
STAGE ON	STAGE CODE	POP.GEN. MN SIZE MX SIZE AV SIZE
05/31	13	LOW 2.00 2.00 2.00 IN

SPECIES:04 P POLPY	COMMON NAME:SMARTWEED, PENNSYLVANIA	
TARGET:PEST		
STAGE ON	STAGE CODE	POP.GEN. MN SIZE MX SIZE AV SIZE
05/31	14	LOW 2.00 2.00 2.00 IN

SPECIES:05 P CHEAL	COMMON NAME:LAMBSQUARTERS, COMMON	
TARGET:PEST		
STAGE ON	STAGE CODE	POP.GEN. MN SIZE MX SIZE AV SIZE
05/31	14	LOW 1.00 1.00 1.00 IN

* STAGE CODE

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: CORN NO-TILL 3

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/04	SETFA 6/04	ABUTH 6/04	POLPY 6/04	CHEAL 6/04
1A	BROADSTRK.PLUS(85.6DF)	0.17	LAA	3	0	80	93	96	96
B	DUAL II (7.8EC)	2.5	LAA	3					
C	ROUNDUP (3SL)	0.56	LAA	3					
D	X-77	0.5	PMV	3					
2A	BROADSTRK.PLUS(85.6DF)	0.21	LAA	3	0	90	95	98	98
B	DUAL II (7.8EC)	2.5	LAA	3					
C	ROUNDUP (3SL)	0.56	LAA	3					
D	X-77	0.5	PMV	3					
3A	BROADSTRIKE+DUAL(7.67L)	2.64	LAA	3	0	91	92	95	97
B	ROUNDUP (3SL)	0.56	LAA	3					
C	X-77	0.5	PMV	3					
4A	BROADSTRK.PLUS(85.6DF)	0.17	LAA	4	0	97	87	89	97
B	DUAL II (7.8EC)	2.5	LAA	4					
C	ROUNDUP (3SL)	0.56	LAA	4					
D	2.4-D LVE (3.8EC)	0.5	LAA	4					
E	X-77	0.5	PMV	4					
5A	BROADSTRK.PLUS(85.6DF)	0.21	LAA	4	0	98	93	98	98
B	DUAL II (7.8EC)	2.5	LAA	4					
C	ROUNDUP (3SL)	0.56	LAA	4					
D	2.4-D LVE (3.8EC)	0.5	LAA	4					
E	X-77	0.5	PMV	4					
6A	BROADSTRIKE+DUAL(7.67L)	2.64	LAA	4	0	98	98	98	98
B	ROUNDUP (3SL)	0.56	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.5	PMV	4					
7A	GUARDSMAN(5SC)	2.81	LAA	4	0	97	90	97	97
B	ROUNDUP (3SL)	0.56	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.5	PMV	4					
8A	BICEP II (5.9L)	4.00	LAA	4	0	98	97	98	98
B	ROUNDUP (3SL)	0.56	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.5	PMV	4					
9A	BULLET (4CS)	4.5	LAA	4	0	99	98	99	99
B	ROUNDUP (3SL)	0.56	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.5	PMV	4					
10A	EXTRAZINE II (90WG)	4.5	LAA	4	0	98	96	98	99
B	ROUNDUP (3SL)	0.56	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.5	PMV	4					
11A	HARNES PLUS(7EC)	2.4	LAA	4	0	97	88	96	98
B	ROUNDUP (3SL)	0.56	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.5	PMV	4					
E	PERMIT (75WG)	0.031	LAA	9					
F	X-77	0.25	PMV	9					
12A	GUARDSMAN(5SC)	3.125	LAA	4	0	97	87	97	98
B	CLARITY (4SL)	0.5	LAA	4					
C	ROUNDUP (3SL)	0.56	LAA	4					
D	2.4-D LVE (3.8EC)	0.5	LAA	4					
E	X-77	0.5	PMV	4					

TITLE: CORN NO-TILL 3

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/04	SETFA 6/04	ABUTH 6/04	POLPY 6/04	CHEAL 6/04
13A	BROADSTRK.PLUS (85.6DF)	0.17	LAA	7	0	98	94	98	98
B	DUAL II (7.8EC)	2.5	LAA	7					
C	ROUNDUP (3SL)	0.56	LAA	7					
D	2.4-D LVE (3.8EC)	0.5	LAA	7					
E	X-77	0.5	PMV	7					
14A	BROADSTRK.PLUS (85.6DF)	0.21	LAA	7	0	98	96	98	98
B	DUAL II (7.8EC)	2.5	LAA	7					
C	ROUNDUP (3SL)	0.56	LAA	7					
D	2.4-D LVE (3.8EC)	0.5	LAA	7					
E	X-77	0.5	PMV	7					
15A	BROADSTRIKE+DUAL (7.67L)	2.64	LAA	7	0	98	94	93	97
B	ROUNDUP (3SL)	0.56	LAA	7					
C	2.4-D LVE (3.8EC)	0.5	LAA	7					
D	X-77	0.5	PMV	7					
16A	FRONTIER (7.5EC)	1.41	LAA	4	0	98	87	97	98
B	ROUNDUP (3SL)	0.56	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.5	PMV	4					
E	MARKSMAN (3.2SC)	1.4	LAA	9					
F	FERTILIZER - 28%UAN	2.5	PMV	9					
17A	FRONTIER (7.5EC)	0.94	LAA	4	0	95	88	92	98
B	ROUNDUP (3SL)	0.56	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.5	PMV	4					
E	FRONTIER (7.5EC)	0.47	LAA	9					
F	MARKSMAN (3.2SC)	1.4	LAA	9					
G	FERTILIZER - 28%UAN	2.5	PMV	9					
18A	FRONTIER (7.5EC)	0.94	LAA	4	0	97	93	94	97
B	ROUNDUP (3SL)	0.56	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.5	PMV	4					
E	FRONTIER (7.5EC)	0.47	LAA	9					
F	CLARITY (4SL)	0.5	LAA	9					
G	FERTILIZER - 28%UAN	2.5	PMV	9					
19A	FRONTIER (7.5EC)	1.41	LAA	4	0	97	92	96	97
B	ROUNDUP (3SL)	0.56	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.5	PMV	4					
E	CLARITY (4SL)	0.5	LAA	9					
F	FERTILIZER - 28%UAN	2.5	PMV	9					
20A	DUAL II (7.8EC)	2.5	LAA	4	0	96	87	88	96
B	ROUNDUP (3SL)	0.56	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.5	PMV	4					
E	CLARITY (4SL)	0.5	LAA	9					
F	FERTILIZER - 28%UAN	2.5	PMV	9					
21A	LASSO MICRO-TECH (4CS)	3.0	LAA	4	0	97	88	96	96
B	ROUNDUP (3SL)	0.56	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.5	PMV	4					
E	CLARITY (4SL)	0.5	LAA	9					
F	FERTILIZER - 28%UAN	2.5	PMV	9					

TITLE: CORN NO-TILL 3

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/04	SETFA 6/04	ABUTH 6/04	POLPY 6/04	CHEAL 6/04
22A	SURPASS (6.4EC)	2.0	LAA	4	0	98	96	97	98
B	ROUNDUP (3SL)	0.56	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.5	PMV	4					
E	CLARITY (4SL)	0.5	LAA	9					
F	FERTILIZER - 28%UAN	2.5	PMV	9					
23A	HARNESS PLUS (7.0EC)	2.4	LAA	4	0	98	96	98	98
B	BATTALION (15WG)	0.075	LAA	4					
C	ROUNDUP (3SL)	0.56	LAA	4					
D	2.4-D LVE (3.8EC)	0.5	LAA	4					
E	X-77	0.5	PMV	4					
24A	EXTRAZINE II (90WG)	3.0	LAA	4	0	98	97	98	99
B	ROUNDUP (3SL)	0.56	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.5	PMV	4					
E	ACCENT (75WG)	0.031	LAA	9					
F	COC	1.0	PMV	9					
G	FERTILIZER - 28%UAN	4.0	PMV	9					
25A	EXTRAZINE II (90WG)	3.0	LAA	4	0	92	90	96	96
B	ROUNDUP (3SL)	0.56	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.5	PMV	4					
E	EXTRAZINE II (90WG)	2.2	LAA	9					
E	CLARITY (4SL)	0.5	LAA	9					
26A	UNTREATED CHECK	0.00	NA	0	0	0	0	0	0
LSD	(0.05)				0	5	7	6	2

-CONTINUED-

TITLE: CORN NO-TILL 3

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/30	SETFA 6/30	ABUTH 6/30	POLPY 6/30	CHEAL 6/30
1A	BROADSTRK.PLUS (85.6DF)	0.17	LAA	3	0	74	86	94	92
B	DUAL II (7.8EC)	2.5	LAA	3					
C	ROUNDUP (3SL)	0.56	LAA	3					
D	X-77	0.5	PMV	3					
2A	BROADSTRK.PLUS (85.6DF)	0.21	LAA	3	0	77	91	93	93
B	DUAL II (7.8EC)	2.5	LAA	3					
C	ROUNDUP (3SL)	0.56	LAA	3					
D	X-77	0.5	PMV	3					
3A	BROADSTRIKE+DUAL (7.67L)	2.64	LAA	3	0	88	92	92	94
B	ROUNDUP (3SL)	0.56	LAA	3					
C	X-77	0.5	PMV	3					
4A	BROADSTRK.PLUS (85.6DF)	0.17	LAA	4	0	95	92	93	95
B	DUAL II (7.8EC)	2.5	LAA	4					
C	ROUNDUP (3SL)	0.56	LAA	4					
D	2.4-D LVE (3.8EC)	0.5	LAA	4					
E	X-77	0.5	PMV	4					
5A	BROADSTRK.PLUS (85.6DF)	0.21	LAA	4	0	93	86	94	95
B	DUAL II (7.8EC)	2.5	LAA	4					
C	ROUNDUP (3SL)	0.56	LAA	4					
D	2.4-D LVE (3.8EC)	0.5	LAA	4					
E	X-77	0.5	PMV	4					
6A	BROADSTRIKE+DUAL (7.67L)	2.64	LAA	4	0	95	92	96	96
B	ROUNDUP (3SL)	0.56	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.5	PMV	4					
7A	GUARDSMAN (5SC)	2.81	LAA	4	0	91	82	92	94
B	ROUNDUP (3SL)	0.56	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.5	PMV	4					
8A	BICEP II (5.9L)	4.00	LAA	4	0	95	91	95	97
B	ROUNDUP (3SL)	0.56	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.5	PMV	4					
9A	BULLET (4CS)	4.5	LAA	4	0	94	88	92	95
B	ROUNDUP (3SL)	0.56	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.5	PMV	4					
10A	EXTRAZINE II (90WG)	4.5	LAA	4	0	88	87	93	92
B	ROUNDUP (3SL)	0.56	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.5	PMV	4					
11A	HARNES PLUS (7EC)	2.4	LAA	4	0	93	95	95	96
B	ROUNDUP (3SL)	0.56	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.5	PMV	4					
E	PERMIT (75WG)	0.031	LAA	9					
F	X-77	0.25	PMV	9					
12A	GUARDSMAN (5SC)	3.125	LAA	4	0	90	65	87	87
B	CLARITY (4SL)	0.5	LAA	4					
C	ROUNDUP (3SL)	0.56	LAA	4					
D	2.4-D LVE (3.8EC)	0.5	LAA	4					
E	X-77	0.5	PMV	4					

TITLE: CORN NO-TILL 3

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/30	SETFA 6/30	ABUTH 6/30	POLPY 6/30	CHEAL 6/30
13A	BROADSTRK.PLUS(85.6DF)	0.17	LAA	7	0	91	87	87	92
B	DUAL II (7.8EC)	2.5	LAA	7					
C	ROUNDUP (3SL)	0.56	LAA	7					
D	2.4-D LVE (3.8EC)	0.5	LAA	7					
E	X-77	0.5	PMV	7					
14A	BROADSTRK.PLUS(85.6DF)	0.21	LAA	7	0	91	90	94	95
B	DUAL II (7.8EC)	2.5	LAA	7					
C	ROUNDUP (3SL)	0.56	LAA	7					
D	2.4-D LVE (3.8EC)	0.5	LAA	7					
E	X-77	0.5	PMV	7					
15A	BROADSTRIKE+DUAL(7.67L)	2.64	LAA	7	0	88	92	92	95
B	ROUNDUP (3SL)	0.56	LAA	7					
C	2.4-D LVE (3.8EC)	0.5	LAA	7					
D	X-77	0.5	PMV	7					
16A	FRONTIER(7.5EC)	1.41	LAA	4	0	97	96	98	98
B	ROUNDUP (3SL)	0.56	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.5	PMV	4					
E	MARKSMAN (3.2SC)	1.4	LAA	9					
F	FERTILIZER - 28%UAN	2.5	PMV	9					
17A	FRONTIER(7.5EC)	0.94	LAA	4	0	93	94	96	96
B	ROUNDUP (3SL)	0.56	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.5	PMV	4					
E	FRONTIER(7.5EC)	0.47	LAA	9					
F	MARKSMAN (3.2SC)	1.4	LAA	9					
G	FERTILIZER - 28%UAN	2.5	PMV	9					
18A	FRONTIER(7.5EC)	0.94	LAA	4	0	90	93	96	96
B	ROUNDUP (3SL)	0.56	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.5	PMV	4					
E	FRONTIER(7.5EC)	0.47	LAA	9					
F	CLARITY (4SL)	0.5	LAA	9					
G	FERTILIZER - 28%UAN	2.5	PMV	9					
19A	FRONTIER(7.5EC)	1.41	LAA	4	0	93	94	96	97
B	ROUNDUP (3SL)	0.56	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.5	PMV	4					
E	CLARITY (4SL)	0.5	LAA	9					
F	FERTILIZER - 28%UAN	2.5	PMV	9					
20A	DUAL II (7.8EC)	2.5	LAA	4	0	93	94	96	96
B	ROUNDUP (3SL)	0.56	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.5	PMV	4					
E	CLARITY (4SL)	0.5	LAA	9					
F	FERTILIZER - 28%UAN	2.5	PMV	9					
21A	LASSO MICRO-TECH (4CS)	3.0	LAA	4	0	91	91	95	95
B	ROUNDUP (3SL)	0.56	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.5	PMV	4					
E	CLARITY (4SL)	0.5	LAA	9					
F	FERTILIZER - 28%UAN	2.5	PMV	9					

TITLE: **CORN NO-TILL 3**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/30	SETFA 6/30	ABUTH 6/30	POLPY 6/30	CHEAL 6/30
22A	SURPASS (6.4EC)	2.0	LAA	4	0	93	93	95	94
B	ROUNDUP (3SL)	0.56	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.5	PMV	4					
E	CLARITY (4SL)	0.5	LAA	9					
F	FERTILIZER - 28%UAN	2.5	PMV	9					
23A	HARNES PLUS (7.0EC)	2.4	LAA	4	0	91	90	94	95
B	BATTALION (15WG)	0.075	LAA	4					
C	ROUNDUP (3SL)	0.56	LAA	4					
D	2.4-D LVE (3.8EC)	0.5	LAA	4					
E	X-77	0.5	PMV	4					
24A	EXTRAZINE II (90WG)	3.0	LAA	4	0	92	95	97	97
B	ROUNDUP (3SL)	0.56	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.5	PMV	4					
E	ACCENT (75WG)	0.031	LAA	9					
F	COC	1.0	PMV	9					
G	FERTILIZER - 28%UAN	4.0	PMV	9					
25A	EXTRAZINE II (90WG)	3.0	LAA	4	0	91	90	96	94
B	ROUNDUP (3SL)	0.56	LAA	4					
C	2.4-D LVE (3.8EC)	0.5	LAA	4					
D	X-77	0.5	PMV	4					
E	EXTRAZINE II (90WG)	2.2	LAA	9					
E	CLARITY (4SL)	0.5	LAA	9					
26A	UNTREATED CHECK	0.00	NA	0	0	0	0	0	0
LSD	(0.05)				0	5	7	5	4

TITLE: CORN NO-TILL 4

SOIL INFORMATION

TEXTURE: SIL
PH: 6.1
% OM: 5.3
PREV.CROP: GLXMA-SOYBEAN
PLOT WIDTH: 10.00 FT
PLOT LENGTH: 36.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS:3

APPLICATIONS

NUMBER: /--01--\ UNIT
TYPE: L
APPL. DATE: 05/09 MDY
TIME-BEGIN: 11:30
AIR TEMP.: 70 F°
REL. HUMID.: 43 %
WIND DIR.: NW
WIND SPEED: 5.0 MPH
SKY COND.: S
LEAF MOIST: D
ROOT MOIST: M
SOIL TEMP.: 56 4 INCH
METHOD: SP
EQUIPMENT: BAC
PROPELLANT: CO2
PLACEMENT: BC
NOZZLE: FF
NOZZLE NUMBER: 6
NOZZLE SPACING: 20.0 IN
SWATH WIDTH: 10.0 FT
BOOM HEIGHT: 20.0 IN
SPEED: 3.00 MPH
MIX SIZE: 0.51
MIX SIZE UNIT: GAL
SPRAY VOLUME: 20.00
VOLUME UNIT: GPA
PRESSURE: 32.00 PSI
DILUENT: WAT

TIMINGS: 07

* TIMING CODES

07 = PRE

SPECIES STAGES

SPECIES:01 P ZEAMD COMMON NAME: CORN, DENT CULTIVAR: PIONEER 3394
TARGET: CROP POPULATION: 27000 A PLANTING DATE: 05/05
PLANTING DEPTH: 2.0 IN ROW WIDTH: 30.0 IN

SPECIES:02 P SETFA COMMON NAME: FOXTAIL, GIANT
TARGET: PEST

SPECIES:03 P ABUTH COMMON NAME: VELVETLEAF
TARGET: PEST

SPECIES:04 P DATST COMMON NAME: JIMSONWEED
TARGET: PEST

SPECIES:05 P PHBPU COMMON NAME: MORNINGGLORY, TALL
TARGET: PEST

SPECIES:06 P ERICA COMMON NAME: HORSEWEED
TARGET: PEST

TITLE: **CORN NO-TILL 4**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/04	SETFA 6/04	ABUTH 6/04	DATST 6/04	PHBPU 6/04	ERICA 6/04
1A	BICEP II (5.9L)	4.0	LAA	7	0	99	99	99	91	98
B	GRAMOXONE EXTRA (2.5SL)	0.31	LAA	7						
C	X-77	0.25	PMV	7						
2A	BICEP II (5.9L)	4.0	LAA	7	0	99	99	99	92	98
B	GRAMOXONE EXTRA (2.5SL)	0.5	LAA	7						
C	X-77	0.25	PMV	7						
3A	BICEP LITE (5SC)	3.125	LAA	7	0	99	99	99	91	98
B	GRAMOXONE EXTRA (2.5SL)	0.5	LAA	7						
C	X-77	0.25	PMV	7						
4A	BICEP II (5.9L)	4.0	LAA	7	0	99	98	98	92	98
B	GRAMOXONE EXTRA (2.5SL)	0.31	LAA	7						
C	FERTILIZER - 28%UAN	4.0	PMV	7						
5A	BICEP II (5.9L)	4.0	LAA	7	0	98	98	98	95	99
B	FERTILIZER - 28%UAN	4.0	PMV	7						
6A	EXTRAZINE II (90WG)	4.5	LAA	7	0	99	98	99	94	99
B	FERTILIZER - 28%UAN	4.0	PMV	7						
7A	BICEP II (5.9L)	4.0	LAA	7	0	99	98	99	96	98
B	ROUNDUP (3SL)	0.38	LAA	7						
C	R-11	0.5	PMV	7						
8A	BICEP II (5.9L)	4.0	LAA	7	0	99	99	99	96	97
B	ROUNDUP (3SL)	0.38	LAA	7						
C	R-11	0.5	PMV	7						
D	CAYUSE	0.5	PMV	7						
9A	BICEP II (5.9L)	4.0	LAA	7	0	99	99	99	96	97
B	ROUNDUP (3SL)	0.38	LAA	7						
C	R-11	0.5	PMV	7						
D	CAYUSE PLUS	0.75	PMV	7						
10A	BICEP II (5.9L)	4.0	LAA	7	0	99	98	98	94	97
B	ROUNDUP (3SL)	0.38	LAA	7						
C	R-11	0.5	PMV	7						
D	QUEST	0.75	PMV	7						
11A	BICEP II (5.9L)	4.0	LAA	7	0	99	98	98	93	98
B	ROUNDUP (3SL)	0.38	LAA	7						
C	R-11	0.5	PMV	7						
E	FERTILIZER - 28%UAN	4.0	PMV	7						
	LSD (0.05)				0	1	2	1	7	2

-CONTINUED-

TITLE: CORN NO-TILL 4

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/01	SETFA 7/01	ABUTH 7/01	DATST 7/01	PHBPU 7/01	ERICA 7/01
1A	BICEP II (5.9L)	4.0	LAA	7	0	93	89	94	92	95
B	GRAMOXONE EXTRA (2.5SL)	0.31	LAA	7						
C	X-77	0.25	PMV	7						
2A	BICEP II (5.9L)	4.0	LAA	7	0	94	92	94	91	95
B	GRAMOXONE EXTRA (2.5SL)	0.5	LAA	7						
C	X-77	0.25	PMV	7						
3A	BICEP LITE (5SC)	3.125	LAA	7	0	94	92	95	91	95
B	GRAMOXONE EXTRA (2.5SL)	0.5	LAA	7						
C	X-77	0.25	PMV	7						
4A	BICEP II (5.9L)	4.0	LAA	7	0	93	93	96	94	95
B	GRAMOXONE EXTRA (2.5SL)	0.31	LAA	7						
C	FERTILIZER - 28%UAN	4.0	PMV	7						
5A	BICEP II (5.9L)	4.0	LAA	7	0	91	94	96	95	96
B	FERTILIZER - 28%UAN	4.0	PMV	7						
6A	EXTRAZINE II (90WG)	4.5	LAA	7	0	91	93	95	92	97
B	FERTILIZER - 28%UAN	4.0	PMV	7						
7A	BICEP II (5.9L)	4.0	LAA	7	0	95	91	96	92	97
B	ROUNDUP (3SL)	0.38	LAA	7						
C	R-11	0.5	PMV	7						
8A	BICEP II (5.9L)	4.0	LAA	7	0	91	94	95	95	97
B	ROUNDUP (3SL)	0.38	LAA	7						
C	R-11	0.5	PMV	7						
D	CAYUSE	0.5	PMV	7						
9A	BICEP II (5.9L)	4.0	LAA	7	0	94	93	95	94	97
B	ROUNDUP (3SL)	0.38	LAA	7						
C	R-11	0.5	PMV	7						
D	CAYUSE PLUS	0.75	PMV	7						
10A	BICEP II (5.9L)	4.0	LAA	7	0	94	93	96	95	95
B	ROUNDUP (3SL)	0.38	LAA	7						
C	R-11	0.5	PMV	7						
D	QUEST	0.75	PMV	7						
11A	BICEP II (5.9L)	4.0	LAA	7	0	91	92	95	91	95
B	ROUNDUP (3SL)	0.38	LAA	7						
C	R-11	0.5	PMV	7						
E	FERTILIZER - 28%UAN	4.0	PMV	7						
LSD (0.05)					0	5	3	3	4	1

TITLE: CORN NO-TILL CHLOROACETAMIDE COMPARISON

SOIL INFORMATION

TEXTURE: SIL
PH: 5.7
% OM: 5.3
PREV.CROP: GLXMA-SOYBEAN
PLOT WIDTH: 10.00 FT
PLOT LENGTH: 36.00 FT

TRIAL INFORMATION

DESIGN:RCB
REPS:3

APPLICATIONS

NUMBER: /--01--\ UNIT
TYPE: L
APPL. DATE: 05/09 MDY
TIME-BEGIN: 02:30
AIR TEMP.: 78 F°
REL. HUMID.: 25 %
WIND DIR.: NW
WIND SPEED: 5.0 MPH
SKY COND.: S
LEAF MOIST: D
ROOT MOIST: M
SOIL TEMP.: 62 4 INCH
METHOD: SP
EQUIPMENT: BAC
PROPELLANT: CO2
PLACEMENT: BC
NOZZLE: FF
NOZZLE NUMBER: 6
NOZZLE SPACING: 20.0 IN
SWATH WIDTH: 10.0 FT
BOOM HEIGHT: 20.0 IN
SPEED: 3.00 MPH
MIX SIZE: 0.51
MIX SIZE UNIT: GAL
SPRAY VOLUME: 20.00
VOLUME UNIT: GPA
PRESSURE: 32.00 PSI
DILUENT: WAT

TIMINGS: 07

* TIMING CODES

07 = PRE

SPECIES STAGES

SPECIES:01 P ZEAMD COMMON NAME:CORN, DENT CULTIVAR:PIIONEER 3394
TARGET:CROP POPULATION:27000 A PLANTING DATE:05/05
PLANTING DEPTH:2.0 IN ROW WIDTH:30.0 IN

SPECIES:02 P SETFA COMMON NAME:FOXTAIL, GIANT
TARGET:PEST

TITLE: CORN NO-TILL CHLOROACETAMIDE COMPARISON

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/06	SETFA 6/06	INJ 7/05	SETFA 7/05	BU/A 10/11
1A	DUAL II (7.8EC)	1.25	LAA	7	2	95	0	63	103.6
2A	DUAL II (7.8EC)	1.75	LAA	7	3	94	0	73	104.7
3A	DUAL II (7.8EC)	2.50	LAA	7	3	98	0	78	100.3
4A	DUAL II (7.8EC)	5.00	LAA	7	0	96	0	93	101.3
5A	LASSO MICRO-TECH (4CS)	1.5	LAA	7	0	95	0	63	110.1
6A	LASSO MICRO-TECH (4CS)	2.25	LAA	7	2	85	0	62	100.4
7A	LASSO MICRO-TECH (4CS)	3.0	LAA	7	3	96	0	83	97.8
8A	LASSO MICRO-TECH (4CS)	6.0	LAA	7	0	96	0	88	110.0
9A	FRONTIER (7.5EC)	0.68	LAA	7	0	70	0	30	87.4
10A	FRONTIER (7.5EC)	1.02	LAA	7	3	95	0	60	98.9
11A	FRONTIER (7.5EC)	1.36	LAA	7	2	98	0	83	105.3
12A	FRONTIER (7.5EC)	2.72	LAA	7	0	99	0	91	101.2
13A	HARNESS PLUS (7.0EC)	1.1	LAA	7	3	93	0	53	96.6
14A	HARNESS PLUS (7.0EC)	1.65	LAA	7	0	96	0	87	94.9
15A	HARNESS PLUS (7.0EC)	2.2	LAA	7	0	98	0	90	93.7
16A	HARNESS PLUS (7.0EC)	4.4	LAA	7	0	99	0	96	101.4
17A	SURPASS (6.4EC)	1.1	LAA	7	0	96	0	82	115.3
18A	SURPASS (6.4EC)	1.65	LAA	7	0	99	0	88	89.9
19A	SURPASS (6.4EC)	2.2	LAA	7	2	98	0	87	116.4
20A	SURPASS (6.4EC)	4.4	LAA	7	0	99	0	95	101.2
21A	HAND WEEDED	-	-	-	0	99	0	99	97.6
22A	UNTREATED CHECK	-	-	-	0	0	0	0	91.3
LSD	(0.05)				4	11	0	17	25

TITLE: CORN CONVENTIONAL CHLOROACETAMIDE COMPARISON

SOIL INFORMATION

TEXTURE: SIL
PH: 5.7
% OM: 5.3
PREV.CROP: GLXMA-SOYBEAN
PLOT WIDTH: 10.00 FT
PLOT LENGTH: 36.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS: 3

APPLICATIONS

NUMBER: /--01--\ UNIT
TYPE: L
APPL. DATE: 04/26 MDY
TIME-BEGIN: 08:00
AIR TEMP.: 75 F°
REL. HUMID.: 55 %
WIND DIR.: S
WIND SPEED: 10.0 MPH
SKY COND.: P
LEAF MOIST: D
ROOT MOIST: M
SOIL TEMP.: 60 4 INCH
METHOD: SP
EQUIPMENT: BAC
PROPELLANT: CO2
PLACEMENT: BC
NOZZLE: FF
NOZZLE NUMBER: 6
NOZZLE SPACING: 20.0 IN
SWATH WIDTH: 10.0 FT
BOOM HEIGHT: 20.0 IN
SPEED: 3.00 MPH
MIX SIZE: 0.51
MIX SIZE UNIT: GAL
SPRAY VOLUME: 20.00
VOLUME UNIT: GPA
PRESSURE: 32.00 PSI
DILUENT: WAT

TIMINGS: 07

* TIMING CODES

07 = PRE

SPECIES STAGES

SPECIES:01 P ZEAMD COMMON NAME: CORN, DENT CULTIVAR: PIONEER 3394
TARGET: CROP POPULATION: 27000 A PLANTING DATE: 04/25
PLANTING DEPTH: 2.0 IN ROW WIDTH: 30.0 IN

SPECIES:02 P SETFA COMMON NAME: FOXTAIL, GIANT
TARGET: PEST

TITLE: CORN CONVENTIONAL CHLOROACETAMIDE COMPARISON

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 5/27	SETFA 5/27	INJ 6/28	SETFA 6/28	BU/A 10/11
1A	DUAL II (7.8EC)	1.13	LAA	7	0	96	2	85	153.5
2A	DUAL II (7.8EC)	1.69	LAA	7	0	99	0	85	166.5
3A	DUAL II (7.8EC)	2.25	LAA	7	0	98	0	80	187.5
4A	DUAL II (7.8EC)	4.5	LAA	7	5	99	0	90	173.7
5A	LASSO MICRO-TECH (4CS)	1.25	LAA	7	0	90	2	55	165.4
6A	LASSO MICRO-TECH (4CS)	1.88	LAA	7	0	98	0	67	164.6
7A	LASSO MICRO-TECH (4CS)	2.5	LAA	7	0	98	0	82	163.7
8A	LASSO MICRO-TECH (4CS)	5.0	LAA	7	0	99	0	77	180.5
9A	FRONTIER (7.5EC)	0.65	LAA	7	2	99	0	55	166.3
10A	FRONTIER (7.5EC)	0.97	LAA	7	0	97	0	71	176.3
11A	FRONTIER (7.5EC)	1.29	LAA	7	2	98	0	80	174.9
12A	FRONTIER (7.5EC)	2.58	LAA	7	2	99	5	90	161.7
13A	HARNESS PLUS (7.0EC)	0.9	LAA	7	3	96	0	57	171.6
14A	HARNESS PLUS (7.0EC)	1.35	LAA	7	0	98	0	62	181.3
15A	HARNESS PLUS (7.0EC)	1.8	LAA	7	2	99	2	77	158.2
16A	HARNESS PLUS (7.0EC)	3.6	LAA	7	4	99	2	78	170.7
17A	SURPASS (6.4EC)	0.9	LAA	7	0	96	0	47	164.0
18A	SURPASS (6.4EC)	1.35	LAA	7	2	98	0	52	165.7
19A	SURPASS (6.4EC)	1.8	LAA	7	3	99	2	73	174.6
20A	SURPASS (6.4EC)	3.6	LAA	7	3	99	5	80	166.8
21A	HAND WEEDED	-	-	-	0	99	0	99	177.8
22A	UNTREATED CHECK	-	-	-	0	0	0	0	138.3
LSD	(0.05)				3	5	3	19	22

TITLE: CORN PPI 1

SOIL INFORMATION

TEXTURE: SICL
PH: 5.6
% OM: 4.0
PREV.CROP: GLXMA-SOYBEAN
PLOT WIDTH: 10.00 FT
PLOT LENGTH: 37.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS:3

APPLICATIONS

NUMBER:	/--01--\	/--02--\	UNIT
TYPE:	L	L	
APPL. DATE:	05/16	06/09	MDY
TIME-BEGIN:	11:00	11:00	
AIR TEMP.:	72	75	F°
REL. HUMID.:	52	40	%
WIND DIR.:	E	NE	
WIND SPEED:	3.0	7.0	MPH
SKY COND.:	S	P	
LEAF MOIST:	D	D	
ROOT MOIST:	M	M	
SOIL TEMP.:	60	72	4 INCH
METHOD:	SP	SP	
EQUIPMENT:	BAC	BAC	
PROPELLANT:	CO2	CO2	
PLACEMENT:	BC	BC	
NOZZLE:	FF	FF	
NOZZLE NUMBER:	6	6	
NOZZLE SPACING:	20.0	20.0	IN
SWATH WIDTH:	10.0	10.0	FT
BOOM HEIGHT:	20.0	20.0	IN
SPEED:	3.00	3.00	MPH
MIX SIZE:	0.53	0.53	
MIX SIZE UNIT:	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	
VOLUME UNIT:	GPA	GPA	
PRESSURE:	32.00	42.00	PSI
DILUENT:	WAT	WAT	
INC. DATE:	5/16/94	-	
INC. START:	1:00	-	
INC. END:	1:30	-	
INC. DEPTH:	2	-	IN
INC. EQUIPMENT:	CFD	-	

TIMINGS: 05 10

* TIMING CODES

05 = PPI
10 = POST

SPECIES STAGES

SPECIES:01 P ZEAMD
COMMON NAME:CORN, DENT
TARGET:CROP
CULTIVAR:PIONEER 3394
POPULATION:27000 A PLANTING DATE:05/17
PLANTING DEPTH:2.0 IN ROW WIDTH:30.0 IN
STAGE ON STAGE CODE POP.GEN. MN SIZE MX SIZE AV SIZE
06/09 13 NA 6.00 8.00 7.00 IN

SPECIES:02 P SETFA
COMMON NAME:FOXTAIL, GIANT
TARGET:PEST
STAGE ON STAGE CODE POP.GEN. MN SIZE MX SIZE AV SIZE
06/09 00 NA 0.00 0.00 0.00 IN

SPECIES:03 P AMACH
COMMON NAME:PIGWEEED, SMOOTH
TARGET:PEST
STAGE ON STAGE CODE POP.GEN. MN SIZE MX SIZE AV SIZE
06/09 00 NA 0.00 0.00 0.00 IN

SPECIES:04 P PHBPU
COMMON NAME:MORNINGGLORY, TALL
TARGET:PEST
STAGE ON STAGE CODE POP.GEN. MN SIZE MX SIZE AV SIZE
06/09 12 H 1.00 2.00 1.50 IN

SPECIES:05 P XANST
COMMON NAME:COCKLEBUR, COMMON
TARGET:PEST
STAGE ON STAGE CODE POP.GEN. MN SIZE MX SIZE AV SIZE
06/09 12 L 1.00 2.00 1.50 IN

* STAGE CODE
00 = DRY SEED (DORMANT)
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: **CORN PPII**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	SETFA 6/17	AMACH 6/17	PHBPU 6/17	XANST 6/17
1A	DUAL II (7.8EC)	2.25	LAA	5	97	99	0	0
2A	LASSO MICRO-TECH(4CS)	3.00	LAA	5	90	99	0	0
3A	FRONTIER (7.5EC)	1.41	LAA	5	99	99	10	0
4A	SURPASS (6.4EC)	1.6	LAA	5	92	99	50	0
5A	SURPASS (6.4EC)	1.8	LAA	5	99	99	43	0
6A	SURPASS (6.4EC)	2.0	LAA	5	99	99	63	0
7A	HARNES PLUS (7.0EC)	2.0	LAA	5	99	99	50	0
8A	UNTREATED CHECK	0.00	NA	0	0	0	0	0
9A	SURPASS (6.4EC)	1.8	LAA	5	99	99	83	99
B	ATRAZINE (90DF)	1.5	LAA	5				
10A	SURPASS100 (5.0SC)	2.75	LAA	5	96	99	87	96
11A	SURPASS100 (5.0SC)	3.50	LAA	5	99	99	99	99
12A	ERADICANE (6.7EC)	5.00	LAA	5	99	99	99	96
B	ATRAZINE (90DF)	1.5	LAA	5				
13A	ERADICANE (6.7EC)	5.00	LAA	5	99	99	96	93
B	EXTRAZINE II (90WG)	3.0	LAA	5				
14A	ERADIC./SURPASS(7.0EC)	3.94	LAA	5	99	99	80	83
15A	BICEP II (5.9L)	3.6	LAA	5	98	99	96	98
16A	BULLET (4CS)	4.00	LAA	5	95	99	93	90
17A	GUARDSMAN (5SE)	2.8	LAA	5	97	99	95	95
18A	HARNES PLUS (7.0EC)	2.0	LAA	5	95	99	95	99
B	ATRAZINE (90DF)	1.5	LAA	5				
19A	HARNES PLUS (7.0EC)	1.8	LAA	5	98	99	94	93
B	ATRAZINE (90DF)	1.5	LAA	5				
20A	BROADSTRIKE+DUAL(7.67L)	2.4	LAA	5	94	99	80	94
21A	BROADSTRIKE+DUAL(7.67L)	2.4	LAA	5	95	99	93	96
B	ATRAZINE (90DF)	1.0	LAA	5				
22A	BROADSTRK. PLUS(85.6DF)	0.17	LAA	5	94	99	77	99
B	DUAL II (7.8EC)	2.25	LAA	5				
23A	BROADSTRK. PLUS(85.6DF)	0.21	LAA	5	98	99	75	96
B	DUAL II (7.8EC)	2.25	LAA	5				
24A	DUAL II (7.8EC)	2.25	LAA	5	96	99	99	99
B	MARKSMAN (3.2SC)	1.41	LAA	10				
25A	SURPASS (6.4EC)	1.8	LAA	5	96	99	99	99
B	MARKSMAN (3.2SC)	1.41	LAA	10				
26A	SURPASS (6.4EC)	1.8	LAA	5	96	99	90	99
B	BUCTRIL (2EC)	0.25	LAA	10				

TITLE: **CORN PPI1**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	SETFA 6/17	AMACH 6/17	PHBPU 6/17	XANST 6/17
27A	HARNES PLUS (7.0EC)	2.0	LAA	5	99	99	53	99
B	PERMIT (75WG)	0.031	LAA	10				
C	X-77	0.25	PMV	10				
28A	UNTREATED CHECK	0.00	NA	0	4	1	14	5

TITLE: **CORN PPI1**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	SETFA 6/27	AMACH 6/27	PHBPU 6/27	XANST 6/27
1A	DUAL II (7.8EC)	2.25	LAA	5	92	99	0	0
2A	LASSO MICRO-TECH(4CS)	3.00	LAA	5	90	98	0	0
3A	FRONTIER (7.5EC)	1.41	LAA	5	98	99	0	0
4A	SURPASS (6.4EC)	1.6	LAA	5	93	99	23	20
5A	SURPASS (6.4EC)	1.8	LAA	5	95	96	17	13
6A	SURPASS (6.4EC)	2.0	LAA	5	96	99	30	0
7A	HARNES PLUS (7.0EC)	2.0	LAA	5	99	99	13	7
8A	UNTREATED CHECK	0.00	NA	0	0	0	0	0
9A	SURPASS (6.4EC)	1.8	LAA	5	88	95	83	90
B	ATRAZINE (90DF)	1.5	LAA	5				
10A	SURPASS100 (5.0SC)	2.75	LAA	5	95	99	87	95
11A	SURPASS100 (5.0SC)	3.50	LAA	5	99	99	96	96
12A	ERADICANE (6.7EC)	5.00	LAA	5	99	99	96	96
B	ATRAZINE (90DF)	1.5	LAA	5				
13A	ERADICANE (6.7EC)	5.00	LAA	5	99	99	92	93
B	EXTRAZINE II (90WG)	3.0	LAA	5				
14A	ERADIC./SURPASS(7.0EC)	3.94	LAA	5	96	99	67	87
15A	BICEP II (5.9L)	3.6	LAA	5	96	99	95	98
16A	BULLET (4CS)	4.00	LAA	5	98	99	87	87
17A	GUARDSMAN (5SE)	2.8	LAA	5	93	99	90	90
18A	HARNES PLUS (7.0EC)	2.0	LAA	5	95	99	92	99
B	ATRAZINE (90DF)	1.5	LAA	5				
19A	HARNES PLUS (7.0EC)	1.8	LAA	5	96	99	93	93
B	ATRAZINE (90DF)	1.5	LAA	5				
20A	BROADSTRIKE+DUAL(7.67L)	2.4	LAA	5	93	99	73	93
21A	BROADSTRIKE+DUAL(7.67L)	2.4	LAA	5	93	99	91	96
B	ATRAZINE (90DF)	1.0	LAA	5				

TITLE: CORN PPI1

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	SETFA 6/27	AMACH 6/27	PHBPU 6/27	XANST 6/27
22A	BROADSTRK. PLUS (85.6DF)	0.17	LAA	5	92	99	43	99
B	DUAL II (7.8EC)	2.25	LAA	5				
23A	BROADSTRK. PLUS (85.6DF)	0.21	LAA	5	95	99	77	94
B	DUAL II (7.8EC)	2.25	LAA	5				
24A	DUAL II (7.8EC)	2.25	LAA	5	98	99	99	99
B	MARKSMAN (3.2SC)	1.41	LAA	10				
25A	SURPASS (6.4EC)	1.8	LAA	5	95	99	99	99
B	MARKSMAN (3.2SC)	1.41	LAA	10				
26A	SURPASS (6.4EC)	1.8	LAA	5	93	98	63	96
B	BUCTRIL (2EC)	0.25	LAA	10				
27A	HARNES PLUS (7.0EC)	2.0	LAA	5	99	99	90	99
B	PERMIT (75WG)	0.031	LAA	10				
C	X-77	0.25	PMV	10				
28A	UNTREATED CHECK	0.00	NA	0	4	2	16	10

TITLE: CORN PRE 1

SOIL INFORMATION

TEXTURE: SIL
PH: 6.3
% OM: 4.7
PREV.CROP: GLXMA - SOYBEANS
PLOT WIDTH: 10.00 FT
PLOT LENGTH: 38.00 FT

TRIAL INFORMATION

DESIGN:RCB
REPS:3

APPLICATIONS

NUMBER: /--01--\ UNIT
TYPE: L
APPL. DATE: 05/17 MDY
TIME-BEGIN: 09:00
AIR TEMP.: 55 F°
REL. HUMID.: 55 %
WIND DIR.: NE
WIND SPEED: 5.0 MPH
SKY COND.: S
LEAF MOIST: D
ROOT MOIST: M
SOIL TEMP.: 56 4 INCH
METHOD: SP
EQUIPMENT: BAC
PROPELLANT: CO2
PLACEMENT: BC
NOZZLE: FF
NOZZLE NUMBER: 6
NOZZLE SPACING: 20.0 IN
SWATH WIDTH: 10.0 FT
BOOM HEIGHT: 20.0 IN
SPEED: 3.00 MPH
MIX SIZE: 0.54
MIX SIZE UNIT: GAL
SPRAY VOLUME: 20.00
VOLUME UNIT: GPA
PRESSURE: 32.00 PSI
DILUENT: WAT

TIMINGS: 07

* TIMING CODES

07 = PRE

SPECIES STAGES

SPECIES: 01 P ZEAMD COMMON NAME: CORN, DENT TARGET: CROP
CULTIVAR: PIONEER 3394 POPULATION: 27000 A PLANTING DATE: 05/16
PLANTING DEPTH: 2.0 IN ROW WIDTH: 30.0 IN

SPECIES: 02 P SETFA
COMMON NAME: FOXTAIL, GIANT
TARGET: PEST

SPECIES: 03 P CHEAL
COMMON NAME: LAMBSQUARTERS, COMMON
TARGET: PEST

SPECIES: 04 P ABUTH
COMMON NAME: VELVETLEAF
TARGET: PEST

SPECIES: 05 P PHBPU
COMMON NAME: MORNINGGLORY, TALL
TARGET: PEST

TITLE: CORN PRE 1

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/18	SETFA 6/18	CHEAL 6/18	ABUTH 6/18	PHBPU 6/18
1A	DUAL II (7.8EC)	2.25	LAA	7	0	82	93	23	0
2A	FRONTIER (7.5EC)	1.41	LAA	7	0	82	90	37	0
3A	HARNES PLUS (7.0EC)	2.0	LAA	7	0	80	93	37	0
4A	SURPASS (6.4EC)	2.0	LAA	7	0	83	93	47	7
5A	BICEP II (5.9L)	3.6	LAA	7	0	78	99	93	73
6A	GUARDSMAN (5SE)	2.5	LAA	7	0	85	99	96	73
7A	EXTRAZINE II (90WG)	4.00	LAA	7	0	48	99	83	81
8A	UNTREATED CHECK	0.00	NA	-	0	0	0	0	0
9A	EXTRAZINE II (90WG)	3.00	LAA	7	0	77	99	87	78
B	DUAL II (7.8EC)	2.00	LAA	7					
10A	HARNES PLUS (7.0EC)	2.0	LAA	7	0	87	96	82	70
B	ATRAZINE (90DF)	1.5	LAA	7					
11A	HARNES PLUS (7.0EC)	2.0	LAA	7	0	87	99	95	63
B	ATRAZINE (90DF)	1.3	LAA	7					
12A	HARNES PLUS (7.0EC)	2.0	LAA	7	0	85	99	83	43
B	ATRAZINE (90DF)	1.0	LAA	7					
13A	HARNES PLUS (7.0EC)	2.0	LAA	7	0	82	99	99	73
B	BATTALION (15WG)	0.075	LAA	7					
14A	HARNES PLUS (7.0EC)	2.0	LAA	7	0	92	99	98	85
B	ATRAZINE (90DF)	0.8	LAA	7					
C	BATTALION (15WG)	0.047	LAA	7					
15A	HARNES PLUS (7.0EC)	2.0	LAA	7	0	88	99	99	83
B	BROADSTRK. PLUS (85.6DF)	0.21	LAA	7					
16A	LASSO MICRO-TECH (4CS)	3.0	LAA	7	0	78	99	95	78
B	BATTALION (15WG)	0.075	LAA	7					
17A	BROADSTRIKE+DUAL (7.67L)	2.4	LAA	7	0	78	96	99	78
18A	BROADSTRIKE+DUAL (7.67L)	2.4	LAA	7	0	73	99	99	90
B	ATRAZINE (90DF)	1.00	LAA	7					
19A	BROADSTRK. PLUS (85.6DF)	0.17	LAA	7	0	72	99	99	80
B	DUAL II (7.8EC)	2.25	LAA	7					
20A	BROADSTRK. PLUS (85.6DF)	0.21	LAA	7	0	73	99	99	80
B	DUAL II (7.8EC)	2.25	LAA	7					
	LSD (0.05)				0	10	6	15	17

-CONTINUED-

TITLE: CORN PRE 1

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	SETFA 7/01	CHEAL 7/01	ABUTH 7/01	PHBPU 7/01
1A	DUAL II (7.8EC)	2.25	LAA	7	78	88	23	0
2A	FRONTIER (7.5EC)	1.41	LAA	7	81	98	30	0
3A	HARNES PLUS (7.0EC)	2.0	LAA	7	85	87	53	23
4A	SURPASS (6.4EC)	2.0	LAA	7	87	91	47	23
5A	BICEP II (5.9L)	3.6	LAA	7	82	99	87	70
6A	GUARDSMAN (5SE)	2.5	LAA	7	84	99	91	70
7A	EXTRAZINE II (90WG)	4.00	LAA	7	57	99	70	82
8A	UNTREATED CHECK	0.00	NA	0	0	0	0	0
9A	EXTRAZINE II (90WG)	3.00	LAA	7	79	99	88	87
B	DUAL II (7.8EC)	2.00	LAA	7				
10A	HARNES PLUS (7.0EC)	2.0	LAA	7	87	99	99	75
B	ATRAZINE (90DF)	1.5	LAA	7				
11A	HARNES PLUS (7.0EC)	2.0	LAA	7	89	99	99	65
B	ATRAZINE (90DF)	1.3	LAA	7				
12A	HARNES PLUS (7.0EC)	2.0	LAA	7	87	99	99	67
B	ATRAZINE (90DF)	1.0	LAA	7				
13A	HARNES PLUS (7.0EC)	2.0	LAA	7	82	99	99	62
B	BATTALION (15WG)	0.075	LAA	7				
14A	HARNES PLUS (7.0EC)	2.0	LAA	7	90	99	99	87
B	ATRAZINE (90DF)	0.8	LAA	7				
C	BATTALION (15WG)	0.047	LAA	7				
15A	HARNES PLUS (7.0EC)	2.0	LAA	7	89	99	99	87
B	BROADSTRK.PLUS (85.6DF)	0.21	LAA	7				
16A	LASSO MICRO-TECH (4CS)	3.0	LAA	7	80	99	99	72
B	BATTALION (15WG)	0.075	LAA	7				
17A	BROADSTRIKE+DUAL (7.67L)	2.4	LAA	7	73	99	99	75
18A	BROADSTRIKE+DUAL (7.67L)	2.4	LAA	7	68	99	99	91
B	ATRAZINE (90DF)	1.00	LAA	7				
19A	BROADSTRK.PLUS (85.6DF)	0.17	LAA	7	65	99	99	80
B	DUAL II (7.8EC)	2.25	LAA	7				
20A	BROADSTRK.PLUS (85.6DF)	0.21	LAA	7	65	99	99	81
B	DUAL II (7.8EC)	2.25	LAA	7				
	LSD (0.05)				5	5	6	8

TITLE: CORN PRE 2

SOIL INFORMATION

TEXTURE: SIL
PH: 6.3
% OM: 4.7
PREV.CROP: GLXMA-SOYBEAN
PLOT WIDTH: 10.00 FT
PLOT LENGTH: 38.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS:3

APPLICATIONS

NUMBER:	/--01--\	/--02--\	UNIT
TYPE:	L	L	
APPL. DATE:	05/17	06/09	MDY
TIME-BEGIN:	08:30	10:30	
AIR TEMP.:	55	75	F°
REL. HUMID.:	55	40	%
WIND DIR.:	NE	NE	
WIND SPEED:	5.0	10.0	MPH
SKY COND.:	S	P	
LEAF MOIST:	D	D	
ROOT MOIST:	M	M	
SOIL TEMP.:	56	72	4 INCH
METHOD:	SP	SP	
EQUIPMENT:	BAC	BAC	
PROPELLANT:	CO2	CO2	
PLACEMENT:	BC	BC	
NOZZLE:	FF	FF	
NOZZLE NUMBER:	6	6	
NOZZLE SPACING:	20.0	20.0	IN
SWATH WIDTH:	10.0	10.0	FT
BOOM HEIGHT:	20.0	20.0	IN
SPEED:	3.00	3.00	MPH
MIX SIZE:	0.54	0.54	
MIX SIZE UNIT:	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	
VOLUME UNIT:	GPA	GPA	
PRESSURE:	32.00	42.00	PSI
DILUENT:	WAT	WAT	

TIMINGS: 07 10

* TIMING CODES

07 = PRE
10 = POST

SPECIES STAGES

SPECIES: 01 P ZEAMD

COMMON NAME: CORN, DENT

TARGET: CROP

CULTIVAR: PIONEER 3394

POPULATION: 27000 A PLANTING DATE: 05/16

PLANTING DEPTH: 2.0 IN ROW WIDTH: 30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/09	13	NA	6.00	7.00	6.50 IN

SPECIES: 02 P SETFA

COMMON NAME: FOXTAIL, GIANT

TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/09	00	NA	0.00	0.00	0.00 IN

SPECIES: 03 P AMACH

COMMON NAME: PIGWEED, SMOOTH

TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/09	00	NA	0.00	0.00	0.00 IN

SPECIES: 04 P CHEAL

COMMON NAME: LAMBSQUARTERS, COMMON

TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/09	00	NA	0.00	0.00	0.00 IN

SPECIES: 05 P PHBPU

COMMON NAME: MORNINGGLORY, TALL

TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/09	12	M	1.00	2.00	1.50 IN

*** STAGE CODE**

00 = DRY SEED (DORMANT)

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: **CORN PRE 2**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/20	SETFA 6/20	AMACH 6/20	CHEAL 6/20	PHBPU 6/20
1A	EXTRAZINE II (90WG)	4.00	LAA	7	0	63	99	85	63
2A	BICEP II (5.9L)	3.6	LAA	7	0	89	99	99	62
3A	BROADSTRIKE+DUAL(7.67L)	2.4	LAA	7	0	84	99	99	57
4A	DUAL II (7.8EC)	2.25	LAA	7	0	86	99	99	84
B	CGA-152005	0.027	LAA	10					
C	COC	1.25	PMV	10					
5A	DUAL II (7.8EC)	2.25	LAA	7	0	87	99	99	86
B	CGA-152005	0.036	LAA	10					
C	COC	1.25	PMV	10					
6A	BICEP LITE (5SC)	3.125	LAA	7	0	92	99	99	88
B	CGA-152005 <i>Exceed</i>	0.027	LAA	10					
C	COC	1.25	PMV	10					
7A	BROADSTRIKE+DUAL(7.67L)	2.4	LAA	7	0	88	99	99	86
B	CGA-152005	0.027	LAA	10					
C	COC	1.25	PMV	10					
8A	DUAL II (7.8EC)	2.25	LAA	7	0	91	99	99	90
B	CGA-152005	0.018	LAA	10					
C	BEACON (75WG)	0.018	LAA	10					
D	COC	1.25	PMV	10					
9A	DUAL II (7.8EC)	2.25	LAA	7	0	87	99	99	84
B	CGA-152005	0.018	LAA	10					
C	CLARITY (4SL)	0.125	LAA	10					
D	X-77	0.25	PMV	10					
10A	UNTREATED CHECK	0.00	NA	0	0	0	0	0	0
11A	DUAL II (7.8EC)	2.25	LAA	7	0	90	99	99	88
B	CGA-152005	0.018	LAA	10					
C	CGA-248757	0.003	LAA	10					
D	COC	1.25	PMV	10					
12A	DUAL II (7.8EC)	2.25	LAA	7	0	83	40	23	13
13A	DUAL II (7.8EC)	2.25	LAA	7	0	95	99	99	82
B	BEACON (75WG)	0.018	LAA	10					
C	ACCENT (75WG)	0.016	LAA	10					
D	COC	1.25	PMV	10					
14A	BICEP LITE II (4.9SC)	3.125	LAA	7	0	98	99	99	92
B	BEACON (75WG)	0.018	LAA	10					
C	ACCENT (75WG)	0.016	LAA	10					
D	COC	1.25	PMV	10					
15A	DUAL II (7.8EC)	2.25	LAA	7	0	90	99	99	97
B	MARKSMAN (3.2SC)	1.4	LAA	10					
16A	DUAL II (7.8EC)	2.25	LAA	7	0	90	99	99	80
B	LADDOK (3.32EC)	1.04	LAA	10					
C	COC	1.00	PMV	10					
17A	HARNES PLUS (7.0EC)	2.0	LAA	7	0	96	99	99	53
B	PERMIT (75WG)	0.031	LAA	10					
C	X-77	0.25	PMV	10					

TITLE: CORN PRE 2

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/20	SETFA 6/20	AMACH 6/20	CHEAL 6/20	PHBPU 6/20
18A	EXTRAZINE II (90WG)	3.00	LAA	7	0	79	99	99	98
B	BLADEX (90WG)	2.0	LAA	10					
C	CLARITY (4SL)	0.25	LAA	10					
19A	EXTRAZINE II (90WG)	2.50	LAA	7	0	99	99	99	99
B	ACCENT (75WG)	0.031	LAA	10					
C	ATRAZINE (90WG)	1.0	LAA	10					
D	COC	1.0	PMV	10					
E	FERTILIZER - 28%UAN	4.0	PMV	10					
20A	BEACON (75WG)	0.018	LAA	10	0	95	99	99	83
B	ACCENT (75WG)	0.016	LAA	10					
C	COC	1.25	PMV	10					
	LSD (0.05)				0	5	4	6	9

TITLE: CORN PRE 2

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	SETFA 7/01	AMACH 7/01	CHEAL 7/01	PHBPU 7/01
1A	EXTRAZINE II (90WG)	4.00	LAA	7	58	99	83	60
2A	BICEP II (5.9L)	3.6	LAA	7	88	99	87	74
3A	BROADSTRIKE+DUAL(7.67L)	2.4	LAA	7	82	99	91	57
4A	DUAL II (7.8EC)	2.25	LAA	7	82	99	99	83
B	CGA-152005	0.027	LAA	10				
C	COC	1.25	PMV	10				
5A	DUAL II (7.8EC)	2.25	LAA	7	84	99	99	86
B	CGA-152005	0.036	LAA	10				
C	COC	1.25	PMV	10				
6A	BICEP LITE (5SC)	3.125	LAA	7	95	99	99	93
B	CGA-152005	0.027	LAA	10				
C	COC	1.25	PMV	10				
7A	BROADSTRIKE+DUAL(7.67L)	2.4	LAA	7	88	99	99	87
B	CGA-152005	0.027	LAA	10				
C	COC	1.25	PMV	10				
8A	DUAL II (7.8EC)	2.25	LAA	7	91	99	99	83
B	CGA-152005	0.018	LAA	10				
C	BEACON (75WG)	0.018	LAA	10				
D	COC	1.25	PMV	10				
9A	DUAL II (7.8EC)	2.25	LAA	7	90	99	99	88
B	CGA-152005	0.018	LAA	10				
C	CLARITY (4SL)	0.125	LAA	10				
D	X-77	0.25	PMV	10				
10A	UNTREATED CHECK	0.00	NA	0	0	0	0	0
11A	DUAL II (7.8EC)	2.25	LAA	7	87	99	99	83
B	CGA-152005	0.018	LAA	10				
C	CGA-248757	0.003	LAA	10				
D	COC	1.25	PMV	10				

TITLE: CORN PRE 2

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	SETFA 7/01	AMACH 7/01	CHEAL 7/01	PHBPU 7/01
12A	DUAL II (7.8EC)	2.25	LAA	7	83	76	53	23
13A	DUAL II (7.8EC)	2.25	LAA	7	98	99	99	80
B	BEACON (75WG)	0.018	LAA	10				
C	ACCENT (75WG)	0.016	LAA	10				
D	COC	1.25	PMV	10				
14A	BICEP LITE II (4.9SC)	3.125	LAA	7	98	99	99	87
B	BEACON (75WG)	0.018	LAA	10				
C	ACCENT (75WG)	0.016	LAA	10				
D	COC	1.25	PMV	10				
15A	DUAL II (7.8EC)	2.25	LAA	7	77	99	99	91
B	MARKSMAN (3.2SC)	1.4	LAA	10				
16A	DUAL II (7.8EC)	2.25	LAA	7	82	99	99	63
B	LADDOK (3.32EC)	1.04	LAA	10				
C	COC	1.00	PMV	10				
17A	HARNESS PLUS (7.0EC)	2.0	LAA	7	91	99	99	43
B	PERMIT (75WG)	0.031	LAA	10				
C	X-77	0.25	PMV	10				
18A	EXTRAZINE II (90WG)	3.00	LAA	7	78	99	99	95
B	BLADEX (90WG)	2.0	LAA	10				
C	CLARITY (4SL)	0.25	LAA	10				
19A	EXTRAZINE II (90WG)	2.50	LAA	7	97	99	99	96
B	ACCENT (75WG)	0.031	LAA	10				
C	ATRAZINE (90WG)	1.0	LAA	10				
D	COC	1.0	PMV	10				
E	FERTILIZER - 28%UAN	4.0	PMV	10				
20A	BEACON (75WG)	0.018	LAA	10	86	99	82	67
B	ACCENT (75WG)	0.016	LAA	10				
C	COC	1.25	PMV	10				
	LSD (0.05)				6	8	7	7

TITLE: CORN PRE 3

SOIL INFORMATION

TEXTURE: SIL
 PH: 6.3
 % OM: 4.7
 PREV.CROP: GLXMA-SOYBEAN
 PLOT WIDTH: 10.00 FT
 PLOT LENGTH: 38.00 FT

TRIAL INFORMATION

DESIGN: RCB
 REPS:3

APPLICATIONS

NUMBER:	/--01--\	/--02--\	/--03--\	UNIT
TYPE:	L	L	L	
APPL. DATE:	05/16	05/31	06/06	MDY
TIME-BEGIN:	03:30	09:30	10:30	
AIR TEMP.:	72	80	84	F°
REL. HUMID.:	40	62	70	%
WIND DIR.:	N	W	NW	
WIND SPEED:	3.0	7.0	5.0	MPH
SKY COND.:	S	P	S	
LEAF MOIST:	D	D	D	
ROOT MOIST:	M	M	M	
SOIL TEMP.:	62	68	75	4 INCH
METHOD:	SP	SP	SP	
EQUIPMENT:	BAC	BAC	BAC	
PROPELLANT:	CO2	CO2	CO2	
PLACEMENT:	BC	BC	BC	
NOZZLE:	FF	FF	FF	
NOZZLE NUMBER:	6	6	6	
NOZZLE SPACING:	20.0	20.0	20.0	IN
SWATH WIDTH:	10.0	10.0	10.0	FT
BOOM HEIGHT:	20.0	20.0	20.0	IN
SPEED:	3.00	3.00	3.00	MPH
MIX SIZE:	0.54	0.54	0.54	
MIX SIZE UNIT:	GAL	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	2.00	
VOLUME UNIT:	GPA	GPA	GPA	
PRESSURE:	32.00	42.00	42.00	PSI
DILUENT:	WAT	WAT	WAT	
TIMINGS:	07	08	09	

* TIMING CODES
 07 = PRE
 08 = VERY EARLY POST
 09 = EARLY POST

SPECIES STAGES

SPECIES: 01 P ZEAMD
COMMON NAME: CORN, DENT
TARGET: CROP
CULTIVAR: PIONEER 3394
POPULATION: 27000 A PLANTING DATE: 05/16
PLANTING DEPTH: 2.0 IN ROW WIDTH: 30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/31	11	NA	3.00	3.00	3.00 IN
06/06	13	NA	6.00	6.00	6.00 IN

SPECIES: 02 P SETFA
COMMON NAME: FOXTAIL, GIANT
TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/31	11	M	0.50	0.50	0.50 IN
06/06	12	M	1.00	1.00	1.00 IN

SPECIES: 03 P ABUTH
COMMON NAME: VELVETLEAF
TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/31	10	H	0.50	1.00	0.75 IN
06/06	12	H	1.00	2.00	1.50 IN

SPECIES: 04 P AMACH
COMMON NAME: PIGWEED, SMOOTH
TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/31	11	H	0.50	0.50	0.50 IN
06/06	12	M	0.50	1.00	0.75 IN

SPECIES: 05 P PHBPU
COMMON NAME: MORNINGGLORY, TALL
TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/31	10	H	0.50	1.00	0.75 IN
06/06	11	H	1.00	1.00	1.00 IN

*** STAGE CODE**

00 = DRY SEED (DORMANT)
10 = 1ST LEAF EMERGING (COTYLEDON UNFOLDING)
11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: **CORN PRE 3**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/13	SETFA 6/13	ABUTH 6/13	AMACH 6/13	PHBPU 6/13
1A	BICEP II (5.9L)	3.6	LAA	7	0	80	91	98	72
2A	GUARDSMAN (5SE)	2.5	LAA	7	0	82	83	98	68
3A	SURPASS100 (5SC)	3.5	LAA	7	0	90	78	99	75
4A	EXTRAZINE II (90WG)	4.00	LAA	7	0	55	96	99	92
5A	BROADSTRIKE+DUAL (7.67L)	2.4	LAA	7	0	87	98	99	87
6A	BROADSTRK. PLUS (85.6WG)	0.21	LAA	7	0	82	99	99	75
B	DUAL II (7.8EC)	2.25	LAA	7					
7A	FRONTIER (7.5EC)	1.29	LAA	8	0	80	90	98	88
B	MARKSMAN (3.2EC)	1.4	LAA	8					
8A	FRONTIER (7.5EC)	1.29	LAA	8	*	*	*	*	*
B	CLARITY (4SL)	0.5	LAA	8					
9A	FRONTIER (7.5EC)	1.29	LAA	7	0	93	98	99	96
B	MARKSMAN (3.2EC)	1.4	LAA	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
10A	FRONTIER (7.5EC)	1.29	LAA	7	0	80	98	99	85
B	CLARITY (4SL)	0.5	LAA	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
11A	FRONTIER (7.5EC)	1.29	LAA	7	0	80	98	99	87
B	BANVEL (4SL)	0.5	LAA	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
12A	FRONTIER (7.5EC)	1.29	LAA	7	0	80	85	99	85
B	SAN821H (5SL)	0.5	LAA	9					
13A	FRONTIER (7.5EC)	1.29	LAA	7	0	83	87	99	83
B	SAN845H (70WG)	0.5	LAA	9					
14A	FRONTIER (7.5EC)	1.29	LAA	7	0	87	96	99	85
B	SAN1297H (75WG)	0.5	LAA	9					
15A	SURPASS (6.4EC)	2.0	LAA	7	0	96	99	99	98
B	MARKSMAN (3.2EC)	1.4	LAA	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
16A	DUAL II (7.8EC)	2.25	LAA	7	0	88	99	99	96
B	MARKSMAN (3.2EC)	1.4	LAA	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
17A	DUAL II (7.8EC)	2.25	LAA	7	0	83	94	99	87
B	CLARITY (4SL)	0.5	LAA	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
18A	UNTREATED CHECK	0.00	NA	0	0	0	0	0	0
	LSD (0.05)				0	18	23	23	22

-CONTINUED-

TITLE: **CORN PRE 3**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	SETFA 7/01	ABUTH 7/01	AMACH 7/01	PHBPU 7/01
1A	BICEP II (5.9L)	3.6	LAA	7	80	94	94	86
2A	GUARDSMAN (5SE)	2.5	LAA	7	77	86	99	81
3A	SURPASS100 (5SC)	3.5	LAA	7	90	82	99	83
4A	EXTRAZINE II (90WG)	4.00	LAA	7	60	99	99	90
5A	BROADSTRIKE+DUAL (7.67L)	2.4	LAA	7	82	99	99	82
6A	BROADSTRK.PLUS (85.6WG)	0.21	LAA	7	77	99	99	90
B	DUAL II (7.8EC)	2.25	LAA	7				
7A	FRONTIER (7.5EC)	1.29	LAA	8	79	99	99	90
B	MARKSMAN (3.2EC)	1.4	LAA	8				
8A	FRONTIER (7.5EC)	1.29	LAA	8	*	*	*	*
B	CLARITY (4SL)	0.5	LAA	8				
9A	FRONTIER (7.5EC)	1.29	LAA	7	87	99	99	93
B	MARKSMAN (3.2EC)	1.4	LAA	9				
C	FERTILIZER - 28%UAN	2.5	PMV	9				
10A	FRONTIER (7.5EC)	1.29	LAA	7	83	99	99	91
B	CLARITY (4SL)	0.5	LAA	9				
C	FERTILIZER - 28%UAN	2.5	PMV	9				
11A	FRONTIER (7.5EC)	1.29	LAA	7	80	99	99	92
B	BANVEL (4SL)	0.5	LAA	9				
C	FERTILIZER - 28%UAN	2.5	PMV	9				
12A	FRONTIER (7.5EC)	1.29	LAA	7	77	99	99	89
B	SAN821H (5SL)	0.5	LAA	9				
13A	FRONTIER (7.5EC)	1.29	LAA	7	83	99	99	87
B	SAN845H (70WG)	0.5	LAA	9				
14A	FRONTIER (7.5EC)	1.29	LAA	7	84	99	99	89
B	SAN1297H (75WG)	0.5	LAA	9				
15A	SURPASS (6.4EC)	2.0	LAA	7	96	99	99	98
B	MARKSMAN (3.2EC)	1.4	LAA	9				
C	FERTILIZER - 28%UAN	2.5	PMV	9				
16A	DUAL II (7.8EC)	2.25	LAA	7	85	99	99	94
B	MARKSMAN (3.2EC)	1.4	LAA	9				
C	FERTILIZER - 28%UAN	2.5	PMV	9				
17A	DUAL II (7.8EC)	2.25	LAA	7	83	99	99	86
B	CLARITY (4SL)	0.5	LAA	9				
C	FERTILIZER - 28%UAN	2.5	PMV	9				
18A	UNTREATED CHECK	0.00	NA	0	0	0	0	0
	LSD (0.05)				8	5	3	8

* MISSING DATA

TITLE: PURSUIT SEQUENTIAL PROGRAMS

SOIL INFORMATION

TEXTURE: SIL
PH: 6.2
% OM: 4.7
PREV.CROP: GLXMA-SOYBEAN
PLOT WIDTH: 10.00 FT
PLOT LENGTH: 35.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS: 3

APPLICATIONS

NUMBER:	/--01--\	/--02--\	UNIT
TYPE:	L	L	
APPL. DATE:	04/27	05/23	MDY
TIME-BEGIN:	08:00	11:15	
AIR TEMP.:	56	85	F°
REL. HUMID.:	65	40	%
WIND DIR.:	W	NE	
WIND SPEED:	5.0	7.0	MPH
SKY COND.:	S	P	
LEAF MOIST:	D	D	
ROOT MOIST:	M	D	
SOIL TEMP.:	58	80	4 INCH
METHOD:	SP	SP	
EQUIPMENT:	BAC	BAC	
PROPELLANT:	CO2	CO2	
PLACEMENT:	BC	BC	
NOZZLE:	FF	FF	
NOZZLE NUMBER:	6	6	
NOZZLE SPACING:	20.0	20.0	IN
SWATH WIDTH:	10.0	10.0	FT
BOOM HEIGHT:	20.0	20.0	IN
SPEED:	3.00	3.00	MPH
MIX SIZE:	0.50	0.50	
MIX SIZE UNIT:	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	
VOLUME UNIT:	GPA	GPA	
PRESSURE:	32.00	42.00	PSI
DILUENT:	WAT	WAT	
TIMINGS:	07	09	

* TIMING CODES
07 = PRE
09 = EARLY POST

SPECIES STAGES

SPECIES: 01 P ZEAMD

COMMON NAME: CORN, DENT

TARGET: CROP

CULTIVAR: PIONEER 3417IR

POPULATION: 27000 A PLANTING DATE: 04/25

PLANTING DEPTH: 2.0 IN ROW WIDTH: 30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/23	12	NA	5.00	5.00	5.00 IN

SPECIES: 02 P ABUTH

COMMON NAME: VELVETLEAF

TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/23	12	H	1.00	1.00	1.00 IN

SPECIES: 03 P CHEAL

COMMON NAME: LAMBSQUARTERS, COMMON

TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/23	13	H	0.50	1.00	0.75 IN

SPECIES: 04 P AMACH

COMMON NAME: PIGWEED, SMOOTH

TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/23	13	H	0.50	1.00	0.75 IN

SPECIES: 05 P DIGSA

COMMON NAME: CRABGRASS, LARGE

TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/23	11	M	1.00	1.00	1.00 IN

SPECIES: 06 P SETFA

COMMON NAME: FOXTAIL, GIANT

TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/23	12	H	2.00	2.00	2.00 IN

*** STAGE CODE**

- 11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
- 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: PURSUIT SEQUENTIAL PROGRAMS

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/04	ABUTH 6/04	CHEAL 6/04	AMACH 6/04	DIGSA 6/04	SETFA 6/04
1A	FRONTIER (7.5EC)	0.75	LAA	7	0	0	75	96	98	96
2A	FRONTIER (7.5EC)	1.29	LAA	7	0	23	96	99	99	99
3A	DUAL II (7.8EC)	1.5	LAA	7	0	0	70	88	99	96
4A	FRONTIER (7.5EC)	0.75	LAA	7	0	95	98	99	99	99
B	PURSUIT (2SL)	0.063	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
5A	FRONTIER (7.5EC)	1.29	LAA	7	0	95	98	99	99	99
B	PURSUIT (2SL)	0.063	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
6A	FRONTIER (7.5EC)	0.75	LAA	7	0	95	96	99	99	99
B	PURSUIT (2SL)	0.063	LAA	9						
C	CLARITY (4SL)	0.188	LAA	9						
D	X-77	0.25	PMV	9						
E	FERTILIZER - 28%UAN	1.25	PMV	9						
7A	FRONTIER (7.5EC)	0.75	LAA	7	0	95	99	99	99	99
B	PURSUIT (2SL)	0.063	LAA	9						
C	BUCTRIL GEL	0.188	LAA	9						
D	X-77	0.25	PMV	9						
E	FERTILIZER - 28%UAN	1.25	PMV	9						
8A	FRONTIER (7.5EC)	0.75	LAA	7	0	95	96	99	99	99
B	PURSUIT (2SL)	0.063	LAA	9						
C	ATRAZINE (90WG)	0.5	LAA	9						
D	X-77	0.25	PMV	9						
E	FERTILIZER - 28%UAN	1.25	PMV	9						
9A	UNTREATED CHECK	-	-	-	0	0	0	0	0	0
10A	PROWL (3.3EC)	1.00	LAA	7	0	93	99	99	96	96
B	PURSUIT (2SL)	0.063	LAA	9						
C	CLARITY (4SL)	0.188	LAA	9						
D	X-77	0.25	PMV	9						
E	FERTILIZER - 28%UAN	1.25	PMV	9						
11A	BLADEX (90WG)	0.9	LAA	7	0	95	99	96	98	98
B	PURSUIT (2SL)	0.063	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
12A	BLADEX (90WG)	0.9	LAA	7	0	95	98	96	89	96
B	PURSUIT (2SL)	0.063	LAA	9						
C	CLARITY (4SL)	0.188	LAA	9						
D	X-77	0.25	PMV	9						
E	FERTILIZER - 28%UAN	1.25	PMV	9						
13A	BICEP II (5.9L)	0.94	LAA	7	0	95	99	99	99	99
B	PURSUIT (2SL)	0.063	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
14A	BICEP II (5.9L)	0.94	LAA	7	0	95	99	99	99	98
B	PURSUIT (2SL)	0.063	LAA	9						
C	CLARITY (4SL)	0.188	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						

TITLE: PURSUIT SEQUENTIAL PROGRAMS

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/04	ABUTH 6/04	CHEAL 6/04	AMACH 6/04	DIGSA 6/04	SETFA 6/04
15A	EXTRAZINE II (90WG)	1.45	LAA	7	0	93	99	99	98	94
B	PURSUIT (2SL)	0.063	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
16A	EXTRAZINE II (90WG)	1.45	LAA	7	0	95	99	99	90	88
B	PURSUIT (2SL)	0.063	LAA	9						
C	CLARITY (4SL)	0.188	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
17A	PURSUIT (2SL)	0.063	LAA	9	0	95	53	96	90	93
B	X-77	0.25	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
18A	DUAL II (7.8EC)	2.25	LAA	7	0	65	99	99	99	99
B	MARKSMAN (3.2EC)	1.4	LAA	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
LSD	(0.05)				2	11	14	5	8	5

TITLE: PURSUIT SEQUENTIAL PROGRAMS

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/23	ABUTH 6/23	CHEAL 6/23	AMACH 6/23	DIGSA 6/23	SETFA 6/23
1A	FRONTIER (7.5EC)	0.75	LAA	7	3	0	68	73	95	95
2A	FRONTIER (7.5EC)	1.29	LAA	7	3	7	91	99	98	98
3A	DUAL II (7.8EC)	1.5	LAA	7	0	0	57	63	98	93
4A	FRONTIER (7.5EC)	0.75	LAA	7	0	96	96	99	97	96
B	PURSUIT (2SL)	0.063	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
5A	FRONTIER (7.5EC)	1.29	LAA	7	0	98	98	99	98	95
B	PURSUIT (2SL)	0.063	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
6A	FRONTIER (7.5EC)	0.75	LAA	7	5	98	99	99	96	95
B	PURSUIT (2SL)	0.063	LAA	9						
C	CLARITY (4SL)	0.188	LAA	9						
D	X-77	0.25	PMV	9						
E	FERTILIZER - 28%UAN	1.25	PMV	9						
7A	FRONTIER (7.5EC)	0.75	LAA	7	5	98	98	99	99	98
B	PURSUIT (2SL)	0.063	LAA	9						
C	BUCTRIL GEL	0.188	LAA	9						
D	X-77	0.25	PMV	9						
E	FERTILIZER - 28%UAN	1.25	PMV	9						
8A	FRONTIER (7.5EC)	0.75	LAA	7	0	92	98	99	98	96
B	PURSUIT (2SL)	0.063	LAA	9						
C	ATRAZINE (90WG)	0.5	LAA	9						
D	X-77	0.25	PMV	9						
E	FERTILIZER - 28%UAN	1.25	PMV	9						
9A	UNTREATED CHECK	-	-	-	0	0	0	0	0	0

TITLE: **PURSUIT SEQUENTIAL PROGRAMS**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/23	ABUTH 6/23	CHEAL 6/23	AMACH 6/23	DIGSA 6/23	SETFA 6/23
10A	PROWL (3.3EC)	1.00	LAA	7	3	99	99	99	88	92
B	PURSUIT (2SL)	0.063	LAA	9						
C	CLARITY (4SL)	0.188	LAA	9						
D	X-77	0.25	PMV	9						
E	FERTILIZER - 28%UAN	1.25	PMV	9						
11A	BLADEX (90WG)	0.9	LAA	7	2	98	99	99	90	90
B	PURSUIT (2SL)	0.063	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
12A	BLADEX (90WG)	0.9	LAA	7	0	95	99	99	91	86
B	PURSUIT (2SL)	0.063	LAA	9						
C	CLARITY (4SL)	0.188	LAA	9						
D	X-77	0.25	PMV	9						
E	FERTILIZER - 28%UAN	1.25	PMV	9						
13A	BICEP II (5.9L)	0.94	LAA	7	0	98	99	98	96	93
B	PURSUIT (2SL)	0.063	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
14A	BICEP II (5.9L)	0.94	LAA	7	2	99	99	99	99	94
B	PURSUIT (2SL)	0.063	LAA	9						
C	CLARITY (4SL)	0.188	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
15A	EXTRAZINE II (90WG)	1.45	LAA	7	2	99	99	99	89	89
B	PURSUIT (2SL)	0.063	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
16A	EXTRAZINE II (90WG)	1.45	LAA	7	2	98	99	99	86	85
B	PURSUIT (2SL)	0.063	LAA	9						
C	CLARITY (4SL)	0.188	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
17A	PURSUIT (2SL)	0.063	LAA	9	0	99	47	99	82	82
B	X-77	0.25	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
18A	DUAL II (7.8EC)	2.25	LAA	7	2	78	99	99	92	98
B	MARKSMAN (3.2EC)	1.4	LAA	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
LSL	(0.05)				3	7	13	15	11	11

TITLE: PURSUIT ONE-PASS SYSTEMS

SOIL INFORMATION

TEXTURE: SIL
PH: 6.2
% OM: 4.7
PREV.CROP: GLXMA-SOYBEAN
PLOT WIDTH: 7.50 FT
PLOT LENGTH: 35.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS:3

APPLICATIONS

NUMBER:	/--01--\	UNIT
TYPE:	L	
APPL. DATE:	05/23	MDY
TIME-BEGIN:	02:00	
AIR TEMP.:	88	F°
REL. HUMID.:	45	%
WIND DIR.:	W	
WIND SPEED:	7.0	MPH
SKY COND.:	P	
LEAF MOIST:	D	
ROOT MOIST:	M	
SOIL TEMP.:	75	4 INCH
METHOD:	SP	
EQUIPMENT:	BAC	
PROPELLANT:	CO2	
PLACEMENT:	BC	
NOZZLE:	FF	
NOZZLE NUMBER:	5	
NOZZLE SPACING:	18.0	IN
SWATH WIDTH:	7.5	FT
BOOM HEIGHT:	20.0	IN
SPEED:	3.00	MPH
MIX SIZE:	0.38	
MIX SIZE UNIT:	GAL	
SPRAY VOLUME:	20.00	
VOLUME UNIT:	GPA	
PRESSURE:	42.00	PSI
DILUENT:	WAT	

TIMINGS: 09

* TIMING CODES
09 = EARLY POST

SPECIES STAGES

SPECIES: 01 P ZEAMD

COMMON NAME: CORN, DENT

TARGET: CROP

CULTIVAR: PIONEER 3417IR

POPULATION: 27000 A PLANTING DATE: 04/25

PLANTING DEPTH: 2.0 IN ROW WIDTH: 30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/23	13	NA	7.00	7.00	7.00 IN

SPECIES: 02 P ABUTH

COMMON NAME: VELVETLEAF

TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/23	12	H	1.00	2.00	1.50 IN

SPECIES: 03 P CHEAL

COMMON NAME: LAMBSQUARTERS, COMMON

TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/23	14	H	0.50	1.00	0.75 IN

SPECIES: 04 P AMACH

COMMON NAME: PIGWEED, SMOOTH

TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/23	13	H	0.50	1.00	0.75 IN

SPECIES: 05 P DIGSA

COMMON NAME: CRABGRASS, LARGE

TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/23	12	M	0.50	0.50	0.50 IN

SPECIES: 06 P SETFA

COMMON NAME: FOXTAIL, GIANT

TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/23	11	H	1.00	1.00	1.00 IN

* STAGE CODE

11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: PURSUIT ONE-PASS SYSTEMS

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/04	ABUTH 6/04	CHEAL 6/04	AMACH 6/04	DIGSA 6/04	SETFA 6/04
1A	PURSUIT (2SL)	0.063	LAA	9	5	93	78	96	90	95
B	SUNIT II	1.00	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
2A	PURSUIT (2SL)	0.063	LAA	9	5	95	79	93	81	93
B	FRONTIER (7.5EC)	0.75	LAA	9						
C	SUNIT II	1.00	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
3A	PURSUIT (2SL)	0.063	LAA	9	3	93	90	92	70	93
B	CLARITY (4SL)	0.188	LAA	9						
C	SUNIT II	1.00	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
4A	PURSUIT (2SL)	0.063	LAA	9	5	95	88	93	85	92
B	FRONTIER (7.5EC)	0.75	LAA	9						
C	CLARITY (4SL)	0.188	LAA	9						
D	SUNIT II	1.00	PMV	9						
E	FERTILIZER - 28%UAN	1.25	PMV	9						
5A	PURSUIT (2SL)	0.063	LAA	9	12	93	92	93	87	90
B	FRONTIER (7.5EC)	0.75	LAA	9						
C	CLARITY (4SL)	0.25	LAA	9						
D	SUNIT II	1.00	PMV	9						
E	FERTILIZER - 28%UAN	1.25	PMV	9						
6A	PURSUIT (2SL)	0.043	LAA	9	0	93	88	93	52	58
B	FRONTIER (7.5EC)	0.82	LAA	9						
C	CLARITY (4SL)	0.31	LAA	9						
D	X-77	0.25	PMV	9						
7A	PURSUIT PLUS (2.9EC)	0.94	LAA	9	15	95	90	96	83	90
B	CLARITY (4SL)	0.188	LAA	9						
C	SUNIT II	1.00	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
8A	PURSUIT (2SL)	0.063	LAA	9	7	95	99	99	65	90
B	BUCTRIL GEL	0.188	LAA	9						
C	SUNIT II	1.00	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
9A	PURSUIT (2SL)	0.063	LAA	9	10	95	98	98	85	85
B	BUCTRIL GEL	0.188	LAA	9						
C	FRONTIER (7.5EC)	0.75	LAA	9						
D	SUNIT II	1.00	PMV	9						
E	FERTILIZER - 28%UAN	1.25	PMV	9						
10A	CONTOUR (3.38EC)	0.56	LAA	9	5	82	99	99	82	78
C	FRONTIER (7.5EC)	0.75	LAA	9						
D	SUNIT II	1.00	PMV	9						
E	FERTILIZER - 28%UAN	1.25	PMV	9						
11A	UNTREATED CHECK	-	-	-	0	0	0	0	0	0
12A	CONTOUR (3.38EC)	0.56	LAA	9	5	77	99	99	67	57
B	SUNIT II	1.00	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
13A	ACCENT (75WG)	0.031	LAA	9	10	90	99	95	87	93
B	BUCTRIL GEL	0.25	LAA	9						
C	SUNIT II	1.00	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						

TITLE: PURSUIT ONE-PASS SYSTEMS

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/04	ABUTH 6/04	CHEAL 6/04	AMACH 6/04	DIGSA 6/04	SETFA 6/04
14A	ACCENT (75WG)	0.016	LAA	9	0	93	82	92	62	93
B	BEACON (75WG)	0.018	LAA	9						
C	SUNIT II	1.00	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
15A	ACCENT (75WG)	0.031	LAA	9	2	95	93	95	82	92
B	EXCEED (57WG)	0.027	LAA	9						
C	SUNIT II	1.00	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
16A	ACCENT (75WG)	0.016	LAA	9	8	95	99	96	75	92
B	BUCTRIL GEL	0.25	LAA	9						
C	PROWL (3.3EC)	0.72	LAA	9						
D	SUNIT II	1.00	PMV	9						
E	FERTILIZER - 28%UAN	1.25	PMV	9						
LSD (0.05)					6	7	9	6	25	15

TITLE: PURSUIT ONE-PASS SYSTEMS

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/28	ABUTH 6/28	CHEAL 6/28	AMACH 6/28	DIGSA 6/28	SETFA 6/28
1A	PURSUIT (2SL)	0.063	LAA	9	0	93	58	98	82	83
B	SUNIT II	1.00	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
2A	PURSUIT (2SL)	0.063	LAA	9	0	97	57	99	86	86
B	FRONTIER (7.5EC)	0.75	LAA	9						
C	SUNIT II	1.00	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
3A	PURSUIT (2SL)	0.063	LAA	9	0	98	99	99	65	65
B	CLARITY (4SL)	0.188	LAA	9						
C	SUNIT II	1.00	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
4A	PURSUIT (2SL)	0.063	LAA	9	0	96	99	98	85	85
B	FRONTIER (7.5EC)	0.75	LAA	9						
C	CLARITY (4SL)	0.188	LAA	9						
D	SUNIT II	1.00	PMV	9						
E	FERTILIZER - 28%UAN	1.25	PMV	9						
5A	PURSUIT (2SL)	0.063	LAA	9	3	98	99	99	80	80
B	FRONTIER (7.5EC)	0.75	LAA	9						
C	CLARITY (4SL)	0.25	LAA	9						
D	SUNIT II	1.00	PMV	9						
E	FERTILIZER - 28%UAN	1.25	PMV	9						
6A	PURSUIT (2SL)	0.043	LAA	9	3	98	99	99	27	27
B	FRONTIER (7.5EC)	0.82	LAA	9						
C	CLARITY (4SL)	0.31	LAA	9						
D	X-77	0.25	PMV	9						
7A	PURSUIT PLUS (2.9EC)	0.94	LAA	9	0	96	99	99	85	85
B	CLARITY (4SL)	0.188	LAA	9						
C	SUNIT II	1.00	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						

TITLE: PURSUIT ONE-PASS SYSTEMS

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/28	ABUTH 6/28	CHEAL 6/28	AMACH 6/28	DIGSA 6/28	SETEA 6/28
8A	PURSUIT (2SL)	0.063	LAA	9	0	98	99	99	68	68
B	BUCTRIL GEL	0.188	LAA	9						
C	SUNIT II	1.00	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
9A	PURSUIT (2SL)	0.063	LAA	9	0	96	98	99	68	68
B	BUCTRIL GEL	0.188	LAA	9						
C	FRONTIER (7.5EC)	0.75	LAA	9						
D	SUNIT II	1.00	PMV	9						
E	FERTILIZER - 28%UAN	1.25	PMV	9						
10A	CONTOUR (3.38EC)	0.56	LAA	9	0	83	99	99	57	57
C	FRONTIER (7.5EC)	0.75	LAA	9						
D	SUNIT II	1.00	PMV	9						
E	FERTILIZER - 28%UAN	1.25	PMV	9						
11A	UNTREATED CHECK	-	-	-	0	0	0	0	0	0
12A	CONTOUR (3.38EC)	0.56	LAA	9	0	80	98	99	58	58
B	SUNIT II	1.00	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
13A	ACCENT (75WG)	0.031	LAA	9	0	55	99	95	82	82
B	BUCTRIL GEL	0.25	LAA	9						
C	SUNIT II	1.00	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
14A	ACCENT (75WG)	0.016	LAA	9	0	68	63	99	58	58
B	BEACON (75WG)	0.018	LAA	9						
C	SUNIT II	1.00	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
15A	ACCENT (75WG)	0.031	LAA	9	0	95	97	96	87	87
B	EXCEED (57WG)	0.027	LAA	9						
C	SUNIT II	1.00	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
16A	ACCENT (75WG)	0.016	LAA	9	0	57	99	99	37	37
B	BUCTRIL GEL	0.25	LAA	9						
C	PROWL (3.3EC)	0.72	LAA	9						
D	SUNIT II	1.00	PMV	9						
E	FERTILIZER - 28%UAN	1.25	PMV	9						
LSD	(0.05)				2	18	19	3	18	18

TITLE: PURSUIT-BUCTRIL INTERACTION

SOIL INFORMATION

TEXTURE: SIL
PH: 6.2
% OM: 4.7
PREV.CROP: GLXMA-SOYBEAN
PLOT WIDTH: 7.50 FT
PLOT LENGTH: 35.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS:3

APPLICATIONS

NUMBER:	/--01--\	UNIT
TYPE:	L	
APPL. DATE:	05/23	MDY
TIME-BEGIN:	02:30	
AIR TEMP.:	88	F°
REL. HUMID.:	40	%
WIND DIR.:	W	
WIND SPEED:	7.0	MPH
SKY COND.:	P	
LEAF MOIST:	D	
ROOT MOIST:	D	
SOIL TEMP.:	80	4 INCH
METHOD:	SP	
EQUIPMENT:	BAC	
PROPELLANT:	CO2	
PLACEMENT:	BC	
NOZZLE:	FF	
NOZZLE NUMBER:	5	
NOZZLE SPACING:	18.0	IN
SWATH WIDTH:	7.5	FT
BOOM HEIGHT:	18.0	IN
SPEED:	3.00	MPH
MIX SIZE:	0.38	
MIX SIZE UNIT:	GAL	
SPRAY VOLUME:	20.00	
VOLUME UNIT:	GPA	
PRESSURE:	42.00	PSI
DILUENT:	WAT	
TIMINGS:	09	

* TIMING CODES
09 = EARLY POST

SPECIES STAGES

SPECIES: 01 P ZEAMD

COMMON NAME: CORN, DENT

TARGET: CROP

CULTIVAR: PIONEER 3417IR

POPULATION: 27000 A PLANTING DATE: 04/25

PLANTING DEPTH: 2.0 IN ROW WIDTH: 30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/23	12	NA	5.00	5.00	5.00 IN

SPECIES: 02 P ABUTH

COMMON NAME: VELVETLEAF

TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/23	13	H	1.00	2.00	1.50 IN

SPECIES: 03 P CHEAL

COMMON NAME: LAMBSQUARTERS, COMMON

TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/23	14	H	0.50	1.00	0.75 IN

SPECIES: 04 P AMACH

COMMON NAME: PIGWEED, SMOOTH

TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/23	12	H	1.00	1.00	1.00 IN

SPECIES: 05 P DIGSA

COMMON NAME: CRABGRASS, LARGE

TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/23	11	M	0.50	0.50	0.50 IN

SPECIES: 06 P SETFA

COMMON NAME: FOXTAIL, GIANT

TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/23	12	H	2.00	3.00	2.50 IN

*** STAGE CODE**

11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: PURSUIT-BUCTRIL INTERACTION

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/06	ABUTH 6/06	CHEAL 6/06	AMACH 6/06	DIGSA 6/06	SETFA 6/06
1A	BUCTRIL GEL	0.12	LAA	9	2	72	70	10	0	0
2A	BUCTRIL GEL	0.18	LAA	9	2	93	99	3	0	0
3A	BUCTRIL GEL	0.25	LAA	9	2	87	99	17	0	0
4A	BUCTRIL GEL	0.12	LAA	9	3	90	99	10	3	3
B	X-77	0.25	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
5A	BUCTRIL GEL	0.18	LAA	9	2	90	93	3	0	0
B	X-77	0.25	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
6A	BUCTRIL GEL	0.25	LAA	9	5	95	99	10	0	0
B	X-77	0.25	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
7A	BUCTRIL GEL	0.12	LAA	9	10	95	98	13	0	0
B	SUNIT II	1.00	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
8A	BUCTRIL GEL	0.18	LAA	9	7	96	99	3	0	0
B	SUNIT II	1.00	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
9A	BUCTRIL GEL	0.25	LAA	9	8	93	99	36	17	17
B	SUNIT II	1.00	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
10A	UNTREATED CHECK	-	-	-	0	0	0	0	0	0
11A	BUCTRIL GEL	0.12	LAA	9	5	96	99	99	98	93
B	PURSUIT (2SL)	0.063	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
12A	BUCTRIL GEL	0.18	LAA	9	5	96	93	98	96	92
B	PURSUIT (2SL)	0.063	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
13A	BUCTRIL GEL	0.25	LAA	9	10	95	99	99	90	90
B	PURSUIT (2SL)	0.063	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
14A	BUCTRIL GEL	0.375	LAA	9	12	95	99	99	92	90
B	PURSUIT (2SL)	0.063	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
15A	BUCTRIL GEL	0.50	LAA	9	17	95	99	99	90	90
B	PURSUIT (2SL)	0.063	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
16A	BUCTRIL GEL	0.25	LAA	9	15	95	99	99	95	95
B	PURSUIT (2SL)	0.063	LAA	9						
C	SUNIT II	1.00	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						

TITLE: PURSUIT-BUCTRIL INTERACTION

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/06	ABUTH 6/06	CHEAL 6/06	AMACH 6/06	DIGSA 6/06	SETFA 6/06
17A	PURSUIT (2SL)	0.063	LAA	9	0	96	43	99	95	96
B	X-77	0.25	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
18A	PURSUIT (2SL)	0.063	LAA	9	2	96	60	99	96	99
B	SUNIT II	1.00	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
LSD	(0.05)				6	17	21	27	17	17

TITLE: PURSUIT-BUCTRIL INTERACTION

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/28	ABUTH 6/28	CHEAL 6/28	AMACH 6/28	DIGSA 6/28	SETFA 6/28
1A	BUCTRIL GEL	0.12	LAA	9	2	76	75	23	0	0
2A	BUCTRIL GEL	0.18	LAA	9	5	96	99	20	0	0
3A	BUCTRIL GEL	0.25	LAA	9	3	99	99	47	0	0
4A	BUCTRIL GEL	0.12	LAA	9	3	96	99	30	17	17
B	X-77	0.25	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
5A	BUCTRIL GEL	0.18	LAA	9	2	99	99	17	0	0
B	X-77	0.25	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
6A	BUCTRIL GEL	0.25	LAA	9	5	99	99	33	0	0
B	X-77	0.25	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
7A	BUCTRIL GEL	0.12	LAA	9	3	99	99	47	0	0
B	SUNIT II	1.00	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
8A	BUCTRIL GEL	0.18	LAA	9	3	94	99	50	0	0
B	SUNIT II	1.00	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
9A	BUCTRIL GEL	0.25	LAA	9	2	98	99	56	7	7
B	SUNIT II	1.00	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
10A	UNTREATED CHECK	-	-	-	0	0	0	0	0	0
11A	BUCTRIL GEL	0.12	LAA	9	0	88	93	99	88	88
B	PURSUIT (2SL)	0.063	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
12A	BUCTRIL GEL	0.18	LAA	9	0	96	95	99	87	87
B	PURSUIT (2SL)	0.063	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
13A	BUCTRIL GEL	0.25	LAA	9	0	98	99	99	77	77
B	PURSUIT (2SL)	0.063	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						

TITLE: PURSUIT-BUCTRIL INTERACTION

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/28	ABUTH 6/28	CHEAL 6/28	AMACH 6/28	DIGSA 6/28	SETFA 6/28
14A	BUCTRIL GEL	0.375	LAA	9	0	98	99	99	55	55
B	PURSUIT (2SL)	0.063	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
15A	BUCTRIL GEL	0.50	LAA	9	0	98	99	99	48	48
B	PURSUIT (2SL)	0.063	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
16A	BUCTRIL GEL	0.25	LAA	9	0	99	99	99	85	85
B	PURSUIT (2SL)	0.063	LAA	9						
C	SUNIT II	1.00	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
17A	PURSUIT (2SL)	0.063	LAA	9	0	99	27	99	90	90
B	X-77	0.25	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
18A	PURSUIT (2SL)	0.063	LAA	9	0	98	58	99	92	92
B	SUNIT II	1.00	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
LSD (0.05)					3	21	23	35	17	17

TITLE: PREEMERGENCE IR CORN EVALUATION

SOIL INFORMATION

TEXTURE: SIL
PH: 6.2
% OM: 4.7
PREV. CROP: GLXMA-SOYBEAN
PLOT WIDTH: 10.00 FT
PLOT LENGTH: 35.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS: 3

APPLICATIONS

NUMBER: /--01--\ UNIT
TYPE: L
APPL. DATE: 05/20 MDY
TIME-BEGIN: 02:00
AIR TEMP.: 76 F°
REL. HUMID.: 35 %
WIND DIR.: SW
WIND SPEED: 5.0 MPH
SKY COND.: S
LEAF MOIST: D
ROOT MOIST: M
SOIL TEMP.: 75 4 INCH
METHOD: SP
EQUIPMENT: BAC
PROPELLANT: CO2
PLACEMENT: BC
NOZZLE: FF
NOZZLE NUMBER: 6
NOZZLE SPACING: 20.0 IN
SWATH WIDTH: 10.0 FT
BOOM HEIGHT: 20.0 IN
SPEED: 3.00 MPH
MIX SIZE: 0.50
MIX SIZE UNIT: GAL
SPRAY VOLUME: 20.00
VOLUME UNIT: GPA
PRESSURE: 32.00 PSI
DILUENT: WAT

TIMINGS: 07

* TIMING CODES

07 = PRE

SPECIES STAGES

SPECIES: 01 P ZEAMD
COMMON NAME:CORN, DENT
TARGET:CROP
CULTIVAR:PIONEER 3417IR
POPULATION:27000 A PLANTING DATE:05/20
PLANTING DEPTH:2.0 IN ROW WIDTH:30.0 IN

SPECIES: 02 P ZEAMD
COMMON NAME:CORN, DENT
TARGET:CROP
CULTIVAR:PIONEER 3417
POPULATION:27000 A PLANTING DATE:05/20
PLANTING DEPTH:2.0 IN ROW WIDTH:30.0 IN

SPECIES:03 P ABUTH
COMMON NAME:VELVETLEAF
TARGET:PEST

SPECIES:04 P AMARE
COMMON NAME:PIGWEEED, REDROOT
TARGET:PEST

SPECIES:05 P CHEAL
COMMON NAME:LAMBSQUARTERS, COMMON
TARGET:PEST

SPECIES:06 P DATST
COMMON NAME:JIMSONWEED
TARGET:PEST

SPECIES:07 P PHBPU
COMMON NAME:MORNINGGLORY, TALL
TARGET:PEST

TITLE: PREEMERGENCE IR CORN EVALUATION

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ IR 6/21	INJ NON 6/21	INJ IR 7/19	INJ NON 7/19	IR BU/A 10/11	NON BU/A 10/11
1A B	PURSUIT (2SL) DUAL II (7.8EC)	0.063 1.5	LAA LAA	7 7	3	57	0	40	156	108
2A B	PURSUIT (2SL) DUAL II (7.8EC)	0.125 1.5	LAA LAA	7 7	3	75	0	53	165	64
3A B	CADRE (2SL) DUAL II (7.8EC)	0.063 1.5	LAA LAA	7 7	3	67	0	43	165	79
4A B	CADRE (2SL) DUAL II (7.8EC)	0.125 1.5	LAA LAA	7 7	3	83	0	68	180	47
5A B	EXCEED (57WG) DUAL II (7.8EC)	0.018 1.5	LAA LAA	7 7	5	10	1	2	169	159
6A B	EXCEED (57WG) DUAL II (7.8EC)	0.027 1.5	LAA LAA	7 7	3	13	1	1	168	168
7A B	EXCEED (57WG) DUAL II (7.8EC)	0.036 1.5	LAA LAA	7 7	10	15	1	1	158	176
8A B	EXCEED (57WG) DUAL II (7.8EC)	0.072 1.5	LAA LAA	7 7	13	35	3	10	160	165
9A B	BATTALION (15WG) DUAL II (7.8EC)	0.075 1.5	LAA LAA	7 7	0	7	0	1	160	173
10A B	BATTALION (15WG) DUAL II (7.8EC)	0.113 1.5	LAA LAA	7 7	2	7	0	1	191	184
11A B	BATTALION (15WG) DUAL II (7.8EC)	0.15 1.5	LAA LAA	7 7	3	10	0	4	164	164
12A B	PERMIT (75WG) DUAL II (7.8EC)	0.075 1.5	LAA LAA	7 7	3	12	0	0	173	164
13A B	PERMIT (75WG) DUAL II (7.8EC)	0.113 1.5	LAA LAA	7 7	2	10	0	3	178	180
14A B	PERMIT (75WG) DUAL II (7.8EC)	0.15 1.5	LAA LAA	7 7	3	18	0	3	168	164
15A B	BROADSTRK.PLUS (85.6WG) DUAL II (7.8EC)	0.21 1.5	LAA LAA	7 7	2	2	0	0	160	191
16A B	ATRAZINE (90WG) DUAL II (7.8EC)	1.5 1.5	LAA LAA	7 7	0	0	0	0	178	173
17A	HAND WEEDED	-	-	-	0	0	0	0	170	181
18A	UNTREATED CHECK	-	-	-	0	0	0	0	143	160
LSD (0.05)					5	14	1	10	24	32

-CONTINUED-

TITLE: PREEMERGENCE IR CORN EVALUATION

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	ABUTH 6/21	AMARE 6/21	CHEAL 6/21	DATST 6/21	PHBPU 6/21
1A	PURSUIT (2SL)	0.063	LAA	7	98	99	99	98	98
B	DUAL II (7.8EC)	1.5	LAA	7					
2A	PURSUIT (2SL)	0.125	LAA	7	98	99	99	99	98
B	DUAL II (7.8EC)	1.5	LAA	7					
3A	CADRE (2SL)	0.063	LAA	7	99	99	99	99	99
B	DUAL II (7.8EC)	1.5	LAA	7					
4A	CADRE (2SL)	0.125	LAA	7	99	99	99	99	99
B	DUAL II (7.8EC)	1.5	LAA	7					
5A	EXCEED (57WG)	0.018	LAA	7	90	99	99	97	98
B	DUAL II (7.8EC)	1.5	LAA	7					
6A	EXCEED (57WG)	0.027	LAA	7	95	99	99	99	98
B	DUAL II (7.8EC)	1.5	LAA	7					
7A	EXCEED (57WG)	0.036	LAA	7	92	99	99	99	99
B	DUAL II (7.8EC)	1.5	LAA	7					
8A	EXCEED (57WG)	0.072	LAA	7	97	99	99	99	99
B	DUAL II (7.8EC)	1.5	LAA	7					
9A	BATTALION (15WG)	0.075	LAA	7	92	98	98	88	99
B	DUAL II (7.8EC)	1.5	LAA	7					
10A	BATTALION (15WG)	0.113	LAA	7	92	99	99	90	99
B	DUAL II (7.8EC)	1.5	LAA	7					
11A	BATTALION (15WG)	0.15	LAA	7	97	99	99	98	98
B	DUAL II (7.8EC)	1.5	LAA	7					
12A	PERMIT (75WG)	0.075	LAA	7	92	99	99	90	99
B	DUAL II (7.8EC)	1.5	LAA	7					
13A	PERMIT (75WG)	0.113	LAA	7	92	99	98	95	94
B	DUAL II (7.8EC)	1.5	LAA	7					
14A	PERMIT (75WG)	0.15	LAA	7	98	99	99	96	98
B	DUAL II (7.8EC)	1.5	LAA	7					
15A	BROADSTRK.PLUS (85.6WG)	0.21	LAA	7	98	99	99	94	98
B	DUAL II (7.8EC)	1.5	LAA	7					
16A	ATRAZINE (90WG)	1.5	LAA	7	57	89	73	91	86
B	DUAL II (7.8EC)	1.5	LAA	7					
17A	HAND WEEDED	-	-	-	99	99	99	99	99
18A	UNTREATED CHECK	-	-	-	0	0	0	0	0
LSD (0.05)					10	7	6	9	10

-CONTINUED-

TITLE: PREEMERGENCE IR CORN EVALUATION

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	ABUTH 7/19	AMACH 7/19	CHEAL 7/19	DATST 7/19	PHBPU 7/19
1A	PURSUIT (2SL)	0.063	LAA	7	98	99	99	99	98
B	DUAL II (7.8EC)	1.5	LAA	7					
2A	PURSUIT (2SL)	0.125	LAA	7	99	99	99	99	98
B	DUAL II (7.8EC)	1.5	LAA	7					
3A	CADRE (2SL)	0.063	LAA	7	99	99	99	98	99
B	DUAL II (7.8EC)	1.5	LAA	7					
4A	CADRE (2SL)	0.125	LAA	7	99	99	99	98	99
B	DUAL II (7.8EC)	1.5	LAA	7					
5A	EXCEED (57WG)	0.018	LAA	7	90	99	99	96	98
B	DUAL II (7.8EC)	1.5	LAA	7					
6A	EXCEED (57WG)	0.027	LAA	7	96	99	99	99	99
B	DUAL II (7.8EC)	1.5	LAA	7					
7A	EXCEED (57WG)	0.036	LAA	7	92	99	99	99	99
B	DUAL II (7.8EC)	1.5	LAA	7					
8A	EXCEED (57WG)	0.072	LAA	7	98	99	99	99	99
B	DUAL II (7.8EC)	1.5	LAA	7					
9A	BATTALION (15WG)	0.075	LAA	7	96	99	99	95	98
B	DUAL II (7.8EC)	1.5	LAA	7					
10A	BATTALION (15WG)	0.113	LAA	7	96	99	99	97	98
B	DUAL II (7.8EC)	1.5	LAA	7					
11A	BATTALION (15WG)	0.15	LAA	7	98	99	99	96	99
B	DUAL II (7.8EC)	1.5	LAA	7					
12A	PERMIT (75WG)	0.075	LAA	7	98	99	99	98	99
B	DUAL II (7.8EC)	1.5	LAA	7					
13A	PERMIT (75WG)	0.113	LAA	7	96	99	99	97	99
B	DUAL II (7.8EC)	1.5	LAA	7					
14A	PERMIT (75WG)	0.15	LAA	7	99	99	99	97	99
B	DUAL II (7.8EC)	1.5	LAA	7					
15A	BROADSTRK.PLUS (85.6WG)	0.21	LAA	7	98	99	99	99	98
B	DUAL II (7.8EC)	1.5	LAA	7					
16A	ATRAZINE (90WG)	1.5	LAA	7	73	99	82	91	96
B	DUAL II (7.8EC)	1.5	LAA	7					
17A	HAND WEEDED	-	-	-	99	99	99	99	99
18A	UNTREATED CHECK	-	-	-	0	0	0	0	0
LSD (0.05)					5	0	3	5	3

TITLE: GLUFOSINATE TOLERANT CORN

SOIL INFORMATION

TEXTURE: SICL
 PH: 5.7
 % OM: 5.3
 PREV.CROP: GLXMA-SOYBEAN
 PLOT WIDTH: 10.00 FT
 PLOT LENGTH: 18.00 FT

TRIAL INFORMATION

DESIGN: RCB
 REPS: 4

APPLICATIONS

	/--01--\	/--02--\	UNIT
NUMBER:	L	L	
TYPE:	L	L	
APPL. DATE:	06/14	07/07	MDY
TIME-BEGIN:	05:30	09:00	
AIR TEMP.:	74	80	F°
REL. HUMID.:	70	90	%
WIND DIR.:	SE	S	
WIND SPEED:	7.0	4.0	MPH
SKY COND.:	C	S	
LEAF MOIST:	D	D	
ROOT MOIST:	D	M	
SOIL TEMP.:	72	76	4 INCH
METHOD:	SP	SP	
EQUIPMENT:	BAC	BAC	
PROPELLANT:	CO2	CO2	
PLACEMENT:	BC	BC	
NOZZLE:	FF	FF	
NOZZLE NUMBER:	6	6	
NOZZLE SPACING:	20.0	20.0	IN
SWATH WIDTH:	10.0	10.0	FT
BOOM HEIGHT:	20.0	20.0	IN
SPEED:	3.00	3.00	MPH
MIX SIZE:	0.35	0.35	
MIX SIZE UNIT:	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	
VOLUME UNIT:	GPA	GPA	
PRESSURE:	42.00	42.00	PSI
DILUENT:	WAT	WAT	

TIMINGS: 09 11
 * TIMING CODES
 09 = EARLY POST
 11 = LATE POST

SPECIES STAGES

SPECIES: 01 P ZEAMD

COMMON NAME: CORN, DENT

TARGET: CROP

CULTIVAR: GLUFOSINATE TOLERANT

POPULATION: 12000 A PLANTING DATE: 05/23

PLANTING DEPTH: 2.0 IN ROW WIDTH: 30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14	14	NA	5.00	5.00	5.00 IN
07/07	18	NA	33.00	33.00	33.00 IN

SPECIES: 02 P SETFA

COMMON NAME: FOXTAIL, GIANT

TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14	13	M	3.00	3.00	3.00 IN
07/07	13	L	3.00	3.00	3.00 IN

SPECIES: 03 P XANST

COMMON NAME: COCKLEBUR, COMMON

TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14	13	M	3.00	3.00	3.00 IN
07/07	14	L	5.00	5.00	5.00 IN

SPECIES: 04 P DATST

COMMON NAME: JIMSONWEED

TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14	12	L	2.00	2.00	2.00 IN
07/07	13	L	2.00	3.00	2.50 IN

SPECIES: 05 P IPOHE

COMMON NAME: MORNINGGLORY, IVYLEAF

TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14	13	H	2.00	2.00	2.00 IN
07/07	13	H	3.00	3.00	3.00 IN

* STAGE CODE

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: **GLUFOSINATE TOLERANT CORN**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/21	SETFA 6/21	XANST 6/21	DATST 6/21	IPOHE 6/21
1A	IGNITE (1.67SL)	0.357	LAA	9	0	90	92	95	94
B	IGNITE (1.67SL)	0.357	LAA	11					
2A	IGNITE (1.67SL)	0.536	LAA	9	0	94	97	94	96
3A	IGNITE (1.67SL)	0.714	LAA	9	0	95	99	91	95
4A	IGNITE (1.67SL)	0.357	LAA	9	0	95	98	96	96
B	ATRAZINE (90WG)	1.5	LAA	9					
5A	UNTREATED CHECK	-	-	-	0	0	0	0	0
6A	IGNITE (1.67SL)	0.357	LAA	9	16	93	97	95	98
B	BLADEX (90WG)	1.5	LAA	9					
7A	IGNITE (1.67SL)	0.357	LAA	9	3	94	97	95	97
B	CULTIVATE	-	-	-					
8A	HAND WEEDED	-	-	-	99	99	99	99	99
LSD (0.05)					2	5	4	7	5

TITLE: **GLUFOSINATE TOLERANT CORN**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/08	SETFA 7/08	XANST 7/08	DATST 7/08	IPOHE 7/08
1A	IGNITE (1.67SL)	0.357	LAA	9	0	65	76	76	65
B	IGNITE (1.67SL)	0.357	LAA	11					
2A	IGNITE (1.67SL)	0.536	LAA	9	0	68	75	60	50
3A	IGNITE (1.67SL)	0.714	LAA	9	0	63	74	51	46
4A	IGNITE (1.67SL)	0.357	LAA	9	0	75	83	90	61
B	ATRAZINE (90WG)	1.5	LAA	9					
5A	UNTREATED CHECK	-	-	-	0	0	0	0	0
6A	IGNITE (1.67SL)	0.357	LAA	9	4	78	75	88	48
B	BLADEX (90WG)	1.5	LAA	9					
7A	IGNITE (1.67SL)	0.357	LAA	9	0	60	74	75	28
B	CULTIVATE	-	-	-					
8A	HAND WEEDED	-	-	-	0	99	99	99	99
LSD (0.05)					2	14	15	20	35

TITLE: BROADSTRIKE INSECTICIDE INTERACTION

SOIL INFORMATION

TEXTURE: SIL
PH: 6.2
% OM: 5.3
PREV.CROP: GLXMA-SOYBEAN
PLOT WIDTH: 10.00 FT
PLOT LENGTH: 40.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS:3

APPLICATIONS

NUMBER: /--01--\ UNIT
TYPE: L
APPL. DATE: 06/01 MDY
TIME-BEGIN: 08:30
AIR TEMP.: 72 F°
REL. HUMID.: 40 %
WIND DIR.: N
WIND SPEED: 3.0 MPH
SKY COND.: S
LEAF MOIST: D
ROOT MOIST: M
SOIL TEMP.: 67 4 INCH
METHOD: SP
EQUIPMENT: BAC
PROPELLANT: CO2
PLACEMENT: BC
NOZZLE: FF
NOZZLE NUMBER: 6
NOZZLE SPACING: 20.0 IN
SWATH WIDTH: 10.0 FT
BOOM HEIGHT: 20.0 IN
SPEED: 3.00 MPH
MIX SIZE: 0.57
MIX SIZE UNIT: GAL
SPRAY VOLUME: 20.00
VOLUME UNIT: GPA
PRESSURE: 32.00 PSI
DILUENT: WAT
INC. DATE: 6/01/94
INC. START: 9:30
INC. END: 9:45
INC. DEPTH: 2 IN
INC. EQUIPMENT: CFD

TIMINGS: 05

* TIMING CODES

05 = PREPLANT INCORPORATED

SPECIES STAGES

SPECIES: 01 P ZEAMD
COMMON NAME: CORN, DENT
TARGET: CROP
CULTIVAR: PIONEER 3417
POPULATION: 27000 A PLANTING DATE: 06/02
PLANTING DEPTH: 2.0 IN ROW WIDTH: 30.0 IN

TITLE: **BROADSTRIKE INSECTICIDE INTERACTION**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/10	INJ 6/30	INJ 7/14	BU/A 10/24
1A	BROADSTRIKE+DUAL (7.67L)	2.16	LAA	5	0	0	0	204.0
B	COUNTER (15GR)	8.0	OMF	-				
C	INFURROW	-	-	-				
2A	BROADSTRIKE+DUAL (7.67L)	2.16	LAA	5	0	0	0	204.3
B	COUNTER (15GR)	8.0	OMF	-				
C	BANDED	-	-	-				
3A	BROADSTRIKE+DUAL (7.67L)	2.16	LAA	5	0	0	0	207.8
B	COUNTER (20GR)	6.0	OMF	-				
C	INFURROW	-	-	-				
4A	BROADSTRIKE+DUAL (7.67L)	2.16	LAA	5	0	0	0	211.2
B	COUNTER (20GR)	6.0	OMF	-				
C	BANDED	-	-	-				
5A	BROADSTRIKE+DUAL (7.67L)	2.16	LAA	5	0	0	0	202.3
B	THIMET (20GR)	6.0	OMF	-				
C	BANDED	-	-	-				
6A	BROADSTRIKE+DUAL (7.67L)	2.16	LAA	5	0	0	0	203.7
B	FORCE (1.5GR)	8.0	OMF	-				
C	BANDED	-	-	-				
7A	BROADSTRIKE+DUAL (7.67L)	2.16	LAA	5	0	0	0	205.2
B	LORSBAN (15GR)	8.0	OMF	-				
C	BANDED	-	-	-				
8A	BROADSTRIKE+DUAL (7.67L)	2.16	LAA	5	0	0	0	209.9
B	DYFONATE II (20GR)	6.0	OMF	-				
C	BANDED	-	-	-				
9A	BROADSTRIKE+DUAL (7.67L)	2.16	LAA	5	0	0	0	210.7
10A	DUAL II (7.8EC)	2.25	LAA	5	0	0	0	198.2
B	ATRAZINE (90WG)	1.5	LAA	5				
11A	BULLET (4CS)	4.00	LAA	5	0	0	0	210.8
12A	SURPASS (6.4EC)	1.8	LAA	5	0	0	0	201.6
B	ATRAZINE (90WG)	1.5	LAA	5				
LSD (0.05)					0	0	0	12

TITLE: CORN HERBICIDE / INSECTICIDE INTERACTION

SOIL INFORMATION

TEXTURE: SIL
PH: 6.2
% OM: 5.3
PREV.CROP: GLXMA-SOYBEAN
PLOT WIDTH: 10.00 FT
PLOT LENGTH: 40.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS:3

APPLICATIONS

NUMBER: /--01--\ UNIT
TYPE: L
APPL. DATE: 06/20 MDY
TIME-BEGIN: 08:30
AIR TEMP.: 83 F°
REL. HUMID.: 80 %
WIND DIR.: W
WIND SPEED: 3.0 MPH
SKY COND.: S
LEAF MOIST: D
ROOT MOIST: M
SOIL TEMP.: 78 4 INCH
METHOD: SP
EQUIPMENT: BAC
PROPELLANT: CO2
PLACEMENT: BC
NOZZLE: FF
NOZZLE NUMBER: 6
NOZZLE SPACING: 20.0 IN
SWATH WIDTH: 10.0 FT
BOOM HEIGHT: 20.0 IN
SPEED: 3.00 MPH
MIX SIZE: 0.57
MIX SIZE UNIT: GAL
SPRAY VOLUME: 20.00
VOLUME UNIT: GPA
PRESSURE: 42.00 PSI
DILUENT: WAT

TIMINGS: 09
* TIMING CODES
09 = EARLY POSTEMERGENCE

SPECIES STAGES

SPECIES: 01 P ZEAMD
COMMON NAME: CORN, DENT
TARGET: CROP
CULTIVAR: PIONEER 3417
POPULATION: 27000 A PLANTING DATE: 06/02
PLANTING DEPTH: 2.0 IN ROW WIDTH: 30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/20	13	NA	8.00	8.00	8.00 IN

* STAGE CODE
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: **CORN HERBICIDE / INSECTICIDE INTERACTION**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/10	INJ 6/30	INJ 7/14	BU/A 10/20
1A	COUNTER (15GR)	8.0	OMF	-	0	0	0	205.0
B	INFURROW	-	-	-				
C	ACCENT (75WG)	0.031	LAA	9				
D	COC	1.25	PMV	9				
2A	COUNTER (20GR)	6.0	OMF	-	0	0	0	213.6
B	BANDED	-	-	-				
C	ACCENT (75WG)	0.031	LAA	9				
D	COC	1.25	PMV	9				
3A	AC513,918 (15GR)	8.0	OMF	-	0	0	0	201.6
B	INFURROW	-	-	-				
C	ACCENT (75WG)	0.031	LAA	9				
D	COC	1.25	PMV	9				
4A	AC513,918 (15GR)	8.0	OMF	-	0	0	0	204.1
B	BANDED	-	-	-				
C	ACCENT (75WG)	0.031	LAA	9				
D	COC	1.25	PMV	9				
5A	COUNTER (15GR)	8.0	OMF	-	0	0	0	210.9
B	INFURROW	-	-	-				
C	BEACON (75WG)	0.036	LAA	9				
D	COC	1.25	PMV	9				
6A	COUNTER (20GR)	6.0	OMF	-	0	0	0	212.5
B	BANDED	-	-	-				
C	BEACON (75WG)	0.036	LAA	9				
D	COC	1.25	PMV	9				
7A	COUNTER (15GR)	8.0	OMF	-	0	0	0	200.6
B	INFURROW	-	-	-				
C	BEACON (75WG)	0.018	LAA	9				
D	COC	1.25	PMV	9				
8A	UNTREATED CHECK	-	-	-	0	0	0	204.1
9A	AC513,918 (15GR)	8.0	OMF	-	0	0	0	200.2
B	INFURROW	-	-	-				
C	BEACON (75WG)	0.036	LAA	9				
D	COC	1.25	PMV	9				
10A	AC513,918 (15GR)	8.0	OMF	-	0	0	0	211.0
B	BANDED	-	-	-				
C	BEACON (75WG)	0.036	LAA	9				
D	COC	1.25	PMV	9				
11A	ACCENT (75WG)	0.031	LAA	9	0	0	0	214.8
B	COC	1.25	PMV	9				
12A	BEACON (75WG)	0.036	LAA	9	0	0	0	208.2
B	COC	1.25	PMV	9				
13A	BEACON (75WG)	0.018	LAA	9	0	0	0	205.9
B	COC	1.25	PMV	9				
14A	CLARITY (4SL)	0.5	LAA	9	0	0	0	209.2
15A	BUCTRIL GEL	0.25	LAA	9	0	0	0	213.3
16A	UNTREATED CHECK	-	-	-	0	0	0	209.9
LSD	(0.05)				0	0	0	16

TITLE: TOUGH IN CORN POSTEMERGENCE

SOIL INFORMATION

TEXTURE: SICL
 PH: 5.7
 % OM: 5.3
 PREV.CROP: GLXMA-SOYBEAN
 PLOT WIDTH: 10.00 FT
 PLOT LENGTH: 36.00 FT

TRIAL INFORMATION

DESIGN: RCB
 REPS:3

APPLICATIONS

NUMBER:	/--01--\	/--02--\	UNIT
TYPE:	L	L	
APPL. DATE:	04/26	05/27	MDY
TIME-BEGIN:	01:00	07:00	
AIR TEMP.:	75	51	F°
REL. HUMID.:	55	60	%
WIND DIR.:	S	N	
WIND SPEED:	10.0	3.0	MPH
SKY COND.:	P	P	
LEAF MOIST:	D	M	
ROOT MOIST:	M	M	
SOIL TEMP.:	60	56	4 INCH
METHOD:	SP	SP	
EQUIPMENT:	BAC	BAC	
PROPELLANT:	CO2	CO2	
PLACEMENT:	BC	BC	
NOZZLE:	FF	FF	
NOZZLE NUMBER:	6	6	
NOZZLE SPACING:	20.0	20.0	IN
SWATH WIDTH:	10.0	10.0	FT
BOOM HEIGHT:	20.0	20.0	IN
SPEED:	3.00	3.00	MPH
MIX SIZE:	0.51	0.51	
MIX SIZE UNIT:	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	
VOLUME UNIT:	GPA	GPA	
PRESSURE:	32.00	42.00	PSI
DILUENT:	WAT	WAT	

TIMINGS: 07 10

* TIMING CODES

07 = PREEMERGENCE
 10 = POST

SPECIES STAGES

SPECIES: 01 P ZEAMD		COMMON NAME: CORN, DENT		TARGET: CROP	
CULTIVAR: PIONEER 3394		POPULATION: 27000 A		PLANTING DATE: 04/25	
PLANTING DEPTH: 2.0 IN		ROW WIDTH: 30.0 IN			
STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/27	13	NA	7.00	7.00	7.00 IN

SPECIES: 02 P SETFA		COMMON NAME: FOXTAIL, GIANT		TARGET: PEST	
STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/27	13	H	4.00	4.00	4.00 IN

SPECIES: 03 P POLPY		COMMON NAME: SMARTWEED, PENNSYLVANIA		TARGET: PEST	
STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/27	16	H	3.00	3.00	3.00 IN

SPECIES: 04 P ABUTH		COMMON NAME: VELVETLEAF		TARGET: PEST	
STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/27	13	H	2.00	2.00	2.00 IN

* STAGE CODE

13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: **TOUGH IN CORN POSTEMERGENCE**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/08	SETFA 6/08	POLPY 6/08	ABUTH 6/08
1A	DUAL II (7.8EC)	2.0	LAA	7	0	98	80	73
B	TOUGH (3.75EC)	0.45	LAA	10				
C	ATRAZINE (90WG)	0.75	LAA	10				
D	COC	1.0	PMV	10				
2A	DUAL II (7.8EC)	2.0	LAA	7	0	98	72	69
B	TOUGH (3.75EC)	0.45	LAA	10				
C	2,4-D (3.8EC)	0.25	LAA	10				
3A	DUAL II (7.8EC)	2.0	LAA	7	0	99	80	85
B	TOUGH (3.75EC)	0.45	LAA	10				
C	BEACON (75WG)	0.036	LAA	10				
D	X-77	0.25	PMV	10				
4A	DUAL II (7.8EC)	2.0	LAA	7	0	98	88	92
B	TOUGH (3.75EC)	0.45	LAA	10				
C	PERMIT (75WG)	0.031	LAA	10				
D	X-77	0.25	PMV	10				
5A	DUAL II (7.8EC)	2.0	LAA	7	0	99	93	94
B	TOUGH (3.75EC)	0.45	LAA	10				
C	EXCEED (57WG)	0.027	LAA	10				
D	X-77	0.25	PMV	10				
6A	DUAL II (7.8EC)	2.0	LAA	7	0	97	58	60
B	TOUGH (3.75EC)	0.45	LAA	10				
C	COC	1.0	PMV	10				
7A	DUAL II (7.8EC)	2.0	LAA	7	0	99	79	68
B	ATRAZINE (90WG)	0.75	LAA	10				
C	COC	1.0	PMV	10				
8A	DUAL II (7.8EC)	2.0	LAA	7	0	98	87	83
B	CL-14788 (3.35SC)	1.25	LAA	10				
9A	DUAL II (7.8EC)	2.0	LAA	7	0	96	74	81
B	CL-12150 (5.25EC)	0.82	LAA	10				
10A	DUAL II (7.8EC)	2.0	LAA	7	0	96	74	81
B	CL-12150 (5.25EC)	0.82	LAA	10				
C	ATRAZINE (90WG)	0.75	LAA	10				
11A	DUAL II (7.8EC)	2.0	LAA	7	0	99	98	94
B	CLARITY (4SL)	0.5	LAA	10				
12A	DUAL II (7.8EC)	2.0	LAA	7	0	99	98	94
B	MARKSMAN (3.2SC)	1.4	LAA	10				
13A	UNTREATED CHECK	-	-	-	0	0	0	0
14A	TOUGH (3.75EC)	0.45	LAA	10	0	99	80	80
B	ACCENT (75WG)	0.031	LAA	10				
C	X-77	0.25	PMV	10				
15A	CL-14788 (3.35SC)	0.84	LAA	10	0	99	84	83
B	ACCENT (75WG)	0.031	LAA	10				
C	X-77	0.25	PMV	10				
16A	CL-12150 (5.25SC)	0.65	LAA	10	0	99	96	91
B	ACCENT (75WG)	0.031	LAA	10				
C	X-77	0.25	PMV	10				

TITLE: TOUGH IN CORN POSTEMERGENCE

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/08	SETFA 6/08	POLPY 6/08	ABUTH 6/08
17A	CLARITY (4SL)	0.5	LAA	10	0	99	98	98
B	ACCENT (75WG)	0.031	LAA	10				
C	X-77	0.25	PMV	10				
18A	ATRAZINE (90WG)	1.2	LAA	10	0	99	98	88
B	ACCENT (75WG)	0.031	LAA	10				
C	X-77	0.25	PMV	10				
19A	DUAL II (7.8EC)	2.0	LAA	7	0	98	95	91
B	SHOTGUN (3.25FL)	1.22	LAA	10				
20A	DUAL II (7.8EC)	2.0	LAA	7	0	98	81	82
B	SHOTGUN (3.25FL)	0.81	LAA	10				
21A	DUAL II (7.8EC)	2.0	LAA	7	0	98	55	67
B	SAVAGE (79.8WP)	0.225	LAA	10				
C	ACTIVATOR-90	0.25	PMV	10				
22A	DUAL II (7.8EC)	2.0	LAA	7	0	98	69	78
B	SAVAGE (79.8WP)	0.45	LAA	10				
C	ACTIVATOR-90	0.25	PMV	10				
LSD	(0.05)				0	2	7	8

TITLE: TOUGH IN CORN POSTEMERGENCE

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/21	SETFA 6/21	POLPY 6/21	ABUTH 6/21
1A	DUAL II (7.8EC)	2.0	LAA	7	0	83	63	74
B	TOUGH (3.75EC)	0.45	LAA	10				
C	ATRAZINE (90WG)	0.75	LAA	10				
D	COC	1.0	PMV	10				
2A	DUAL II (7.8EC)	2.0	LAA	7	0	76	43	74
B	TOUGH (3.75EC)	0.45	LAA	10				
C	2,4-D (3.8EC)	0.25	LAA	10				
3A	DUAL II (7.8EC)	2.0	LAA	7	0	82	75	82
B	TOUGH (3.75EC)	0.45	LAA	10				
C	BEACON (75WG)	0.036	LAA	10				
D	X-77	0.25	PMV	10				
4A	DUAL II (7.8EC)	2.0	LAA	7	0	81	81	63
B	TOUGH (3.75EC)	0.45	LAA	10				
C	PERMIT (75WG)	0.031	LAA	10				
D	X-77	0.25	PMV	10				
5A	DUAL II (7.8EC)	2.0	LAA	7	0	82	85	85
B	TOUGH (3.75EC)	0.45	LAA	10				
C	EXCEED (57WG)	0.027	LAA	10				
D	X-77	0.25	PMV	10				
6A	DUAL II (7.8EC)	2.0	LAA	7	0	74	33	53
B	TOUGH (3.75EC)	0.45	LAA	10				
C	COC	1.0	PMV	10				
7A	DUAL II (7.8EC)	2.0	LAA	7	0	79	63	68
B	ATRAZINE (90WG)	0.75	LAA	10				
C	COC	1.0	PMV	10				

TITLE: TOUGH IN CORN POSTEMERGENCE

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/21	SETFA 6/21	POLPY 6/21	ABUTH 6/21
8A	DUAL II (7.8EC)	2.0	LAA	7	0	82	55	57
B	CL-14788 (3.35SC)	1.25	LAA	10				
9A	DUAL II (7.8EC)	2.0	LAA	7	0	80	33	60
B	CL-12150 (5.25EC)	0.82	LAA	10				
10A	DUAL II (7.8EC)	2.0	LAA	7	0	82	73	63
B	CL-12150 (5.25EC)	0.82	LAA	10				
C	ATRAZINE (90WG)	0.75	LAA	10				
11A	DUAL II (7.8EC)	2.0	LAA	7	0	83	94	83
B	CLARITY (4SL)	0.5	LAA	10				
12A	DUAL II (7.8EC)	2.0	LAA	7	0	89	99	84
B	MARKSMAN (3.2SC)	1.4	LAA	10				
13A	UNTREATED CHECK	-	-	-	0	0	0	0
14A	TOUGH (3.75EC)	0.45	LAA	10	0	91	77	63
B	ACCENT (75WG)	0.031	LAA	10				
C	X-77	0.25	PMV	10				
15A	CL-14788 (3.35SC)	0.84	LAA	10	0	78	87	65
B	ACCENT (75WG)	0.031	LAA	10				
C	X-77	0.25	PMV	10				
16A	CL-12150 (5.25SC)	0.65	LAA	10	0	89	83	65
B	ACCENT (75WG)	0.031	LAA	10				
C	X-77	0.25	PMV	10				
17A	CLARITY (4SL)	0.5	LAA	10	0	91	94	82
B	ACCENT (75WG)	0.031	LAA	10				
C	X-77	0.25	PMV	10				
18A	ATRAZINE (90WG)	1.2	LAA	10	0	89	93	72
B	ACCENT (75WG)	0.031	LAA	10				
C	X-77	0.25	PMV	10				
19A	DUAL II (7.8EC)	2.0	LAA	7	0	84	77	68
B	SHOTGUN (3.25FL)	1.22	LAA	10				
20A	DUAL II (7.8EC)	2.0	LAA	7	0	80	72	72
B	SHOTGUN (3.25FL)	0.81	LAA	10				
21A	DUAL II (7.8EC)	2.0	LAA	7	0	77	43	53
B	SAVAGE (79.8WP)	0.225	LAA	10				
C	ACTIVATOR-90	0.25	PMV	10				
22A	DUAL II (7.8EC)	2.0	LAA	7	0	81	43	57
B	SAVAGE (79.8WP)	0.45	LAA	10				
C	ACTIVATOR-90	0.25	PMV	10				
LSL	(0.05)				0	4	6	8

TITLE: CORN POSTEMERGENCE ALS BROADLEAF WEED CONTROL

SOIL INFORMATION

TEXTURE: SICL
PH: 5.7
% OM: 5.3
PREV.CROP: GLXMA-SOYBEAN
PLOT WIDTH: 7.50 FT
PLOT LENGTH: 36.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS: 3

APPLICATIONS

	/--01--\	/--02--\	UNIT
NUMBER:	L	L	
TYPE:	L	L	
APPL. DATE:	05/26	06/01	MDY
TIME-BEGIN:	12:00	07:45	
AIR TEMP.:	85	78	F°
REL. HUMID.:	60	30	%
WIND DIR.:	-	NW	
WIND SPEED:	0.0	7.0	MPH
SKY COND.:	S	P	
LEAF MOIST:	D	D	
ROOT MOIST:	M	M	
SOIL TEMP.:	72	72	4 INCH
METHOD:	SP	SP	
EQUIPMENT:	BAC	BAC	
PROPELLANT:	CO2	CO2	
PLACEMENT:	BC	BC	
NOZZLE:	FF	FF	
NOZZLE NUMBER:	5	5	
NOZZLE SPACING:	18.0	18.0	IN
SWATH WIDTH:	7.5	7.5	FT
BOOM HEIGHT:	20.0	20.0	IN
SPEED:	3.00	3.00	MPH
MIX SIZE:	0.39	0.39	
MIX SIZE UNIT:	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	
VOLUME UNIT:	GPA	GPA	
PRESSURE:	42.00	42.00	PSI
DILUENT:	WAT	WAT	

TIMINGS: 09 10

* TIMING CODES
09 = EARLY POST
10 = POST

SPECIES STAGES

SPECIES: 01 P ZEAMD
COMMON NAME: CORN, DENT
TARGET: CROP
CULTIVAR: PIONEER 3394

POPULATION: 27000 A PLANTING DATE: 04/25

PLANTING DEPTH: 2.0 IN ROW WIDTH: 30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/23	12	NA	4.00	4.00	4.00 IN
06/01	13	NA	6.00	8.00	7.00 IN

SPECIES: 02 P ABUTH
COMMON NAME: VELVETLEAF
TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/23	12	H	1.00	1.00	1.00 IN
06/01	13	H	2.00	2.00	2.00 IN

SPECIES: 03 P POLPY
COMMON NAME: SMARTWEED, PENNSYLVANIA
TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/23	12	H	1.00	2.00	1.50 IN
06/01	14	H	2.00	3.00	2.50 IN

SPECIES: 04 P CHEAL
COMMON NAME: LAMBSQUARTERS, COMMON
TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/23	15	M	1.00	2.00	1.50 IN
06/01	18	M	3.00	4.00	3.50 IN

SPECIES: 05 P DATST
COMMON NAME: JIMSONWEED
TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/23	10	M	0.50	1.00	0.75 IN
06/01	12	M	1.00	2.00	1.50 IN

*** STAGE CODE**

00 = DRY SEED (DORMANT)
10 = 1ST LEAF EMERGING (COTYLEDON UNFOLDING)
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: CORN POSTEMERGENCE ALS BROADLEAF WEED CONTROL

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/10	ABUTH 6/10	POLPY 6/10	CHEAL 6/10	DATST 6/10
1A	CLARITY (4SL)	0.5	LAA	10	2	81	81	80	85
B	FERTILIZER - 28%UAN	2.5	PMV	10					
2A	MARKSMAN (3.2SC)	1.4	LAA	10	0	88	95	95	99
B	FERTILIZER - 28%UAN	2.5	PMV	10					
3A	ATRAZINE (90WG)	1.2	LAA	10	0	67	77	98	99
B	COC	1.0	PMV	10					
4A	BUCTRIL GEL	0.25	LAA	10	1	83	88	93	99
5A	LADDOK (3.32SC)	1.04	LAA	10	0	98	98	99	99
B	FERTILIZER - 28%UAN	2.5	PMV	10					
6A	EXCEED (57WG)	0.027	LAA	10	0	88	74	77	86
B	COC	1.0	PMV	10					
7A	EXCEED (57WG)	0.036	LAA	10	0	87	73	75	77
B	COC	1.0	PMV	10					
8A	EXCEED (57WG)	0.018	LAA	10	0	84	71	77	75
B	BEACON (75G)	0.018	LAA	10					
C	COC	1.0	PMV	10					
9A	EXCEED (57WG)	0.018	LAA	10	0	74	76	80	66
B	CLARITY (4SL)	0.25	LAA	10					
C	X-77	0.25	PMV	10					
10A	EXCEED (57WG)	0.018	LAA	10	0	81	77	84	77
B	CLARITY (4SL)	0.125	LAA	10					
C	X-77	0.25	PMV	10					
11A	UNTREATED CHECK	-	-	-	0	0	0	0	0
12A	EXCEED (57WG)	0.018	LAA	10	2	96	98	98	98
B	BUCTRIL GEL	0.25	LAA	10					
C	X-77	0.25	PMV	10					
13A	EXCEED (57WG)	0.018	LAA	10	0	78	77	83	80
B	CGA-248757 (5WP)	0.003	LAA	10					
C	X-77	0.25	PMV	10					
14A	BEACON (75G)	0.018	LAA	10	2	58	70	52	64
B	COC	1.0	PMV	10					
15A	BEACON (75G)	0.018	LAA	10	0	66	71	79	80
B	CLARITY (4SL)	0.25	LAA	10					
C	COC	1.0	PMV	10					
16A	BEACON (75G)	0.018	LAA	10	5	93	99	98	99
B	BUCTRIL GEL	0.25	LAA	10					
C	COC	1.0	PMV	10					
17A	PERMIT (75WG)	0.031	LAA	10	0	86	47	40	45
B	X-77	0.25	PMV	10					
18A	PERMIT (75G)	0.031	LAA	10	0	66	74	83	52
B	CLARITY (4SL)	0.25	LAA	10					
C	X-77	0.25	PMV	10					
19A	PERMIT (75G)	0.031	LAA	10	0	73	75	92	68
B	CLARITY (4SL)	0.125	LAA	10					
C	X-77	0.25	PMV	10					

TITLE: CORN POSTEMERGENCE ALS BROADLEAF WEED CONTROL

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/10	ABUTH 6/10	POLPY 6/10	CHEAL 6/10	DATST 6/10
20A	PERMIT (75G)	0.031	LAA	10	0	88	94	88	99
B	BUCTRIL GEL	0.25	LAA	10					
C	X-77	0.25	PMV	10					
21A	NAF-73 (84.3WG)	0.21	LAA	9	0	83	80	88	93
B	X-77	0.25	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
22A	NAF-73 (84.3WG)	0.21	LAA	10	1	85	71	78	58
B	X-77	0.25	PMV	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
LSD	(0.05)				2	19	15	12	19

TITLE: CORN POSTEMERGENCE ALS BROADLEAF WEED CONTROL

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/28	ABUTH 6/28	POLPY 6/28	CHEAL 6/28	DATST 6/28	BU/A 10/11
1A	CLARITY (4SL)	0.5	LAA	10	0	89	99	88	98	136.2
B	FERTILIZER - 28%UAN	2.5	PMV	10						
2A	MARKSMAN (3.2SC)	1.4	LAA	10	0	97	99	99	98	163.9
B	FERTILIZER - 28%UAN	2.5	PMV	10						
3A	ATRAZINE (90WG)	1.2	LAA	10	0	67	82	98	98	171.9
B	COC	1.0	PMV	10						
4A	BUCTRIL GEL	0.25	LAA	10	1	85	86	95	96	145.6
5A	LADDOK (3.32SC)	1.04	LAA	10	0	94	98	99	98	183.8
B	FERTILIZER - 28%UAN	2.5	PMV	10						
6A	EXCEED (57WG)	0.027	LAA	10	0	89	94	81	97	136.8
B	COC	1.0	PMV	10						
7A	EXCEED (57WG)	0.036	LAA	10	0	95	94	89	98	145.2
B	COC	1.0	PMV	10						
8A	EXCEED (57WG)	0.018	LAA	10	0	92	93	77	97	152.0
B	BEACON (75G)	0.018	LAA	10						
C	COC	1.0	PMV	10						
9A	EXCEED (57WG)	0.018	LAA	10	0	83	92	98	98	156.5
B	CLARITY (4SL)	0.25	LAA	10						
C	X-77	0.25	PMV	10						
10A	EXCEED (57WG)	0.018	LAA	10	0	80	94	98	97	144.1
B	CLARITY (4SL)	0.125	LAA	10						
C	X-77	0.25	PMV	10						
11A	UNTREATED CHECK	-	-	-	0	0	0	0	0	137.8
12A	EXCEED (57WG)	0.018	LAA	10	0	88	99	98	92	176.1
B	BUCTRIL GEL	0.25	LAA	10						
C	X-77	0.25	PMV	10						
13A	EXCEED (57WG)	0.018	LAA	10	0	83	96	93	94	154.5
B	CGA-248757 (5WP)	0.003	LAA	10						
C	X-77	0.25	PMV	10						

TITLE: CORN POSTEMERGENCE ALS BROADLEAF WEED CONTROL

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/28	ABUTH 6/28	POLPY 6/28	CHEAL 6/28	DATST 6/28	BU/A 10/11
14A	BEACON (75G)	0.018	LAA	10	0	68	76	55	99	124.7
B	COC	1.0	PMV	10						
15A	BEACON (75G)	0.018	LAA	10	0	77	90	99	99	150.1
B	CLARITY (4SL)	0.25	LAA	10						
C	COC	1.0	PMV	10						
16A	BEACON (75G)	0.018	LAA	10	0	90	99	90	98	158.2
B	BUCTRIL GEL	0.25	LAA	10						
C	COC	1.0	PMV	10						
17A	PERMIT (75WG)	0.031	LAA	10	0	95	71	51	60	139.3
B	X-77	0.25	PMV	10						
18A	PERMIT (75G)	0.031	LAA	10	0	93	83	98	81	128.8
B	CLARITY (4SL)	0.25	LAA	10						
C	X-77	0.25	PMV	10						
19A	PERMIT (75G)	0.031	LAA	10	0	79	69	99	98	165.8
B	CLARITY (4SL)	0.125	LAA	10						
C	X-77	0.25	PMV	10						
20A	PERMIT (75G)	0.031	LAA	10	0	91	88	86	96	156.0
B	BUCTRIL GEL	0.25	LAA	10						
C	X-77	0.25	PMV	10						
21A	NAF-73 (84.3WG)	0.21	LAA	9	0	93	85	99	93	163.2
B	X-77	0.25	PMV	9						
C	FERTILIZER - 28%UAN	2.5	PMV	9						
22A	NAF-73 (84.3WG)	0.21	LAA	10	0	88	82	98	88	130.7
B	X-77	0.25	PMV	10						
C	FERTILIZER - 28%UAN	2.5	PMV	10						
LSD (0.05)					0	9	17	12	7	30

TITLE: CORN POSTEMERGENCE BROADLEAF WEED CONTROL

SOIL INFORMATION

TEXTURE: SICL
PH: 5.7
% OM: 5.3
PREV.CROP: GLXMA-SOYBEAN
PLOT WIDTH: 7.50 FT
PLOT LENGTH: 36.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS:3

APPLICATIONS

NUMBER: /--01--\ UNIT
TYPE: L
APPL. DATE: 05/27 MDY
TIME-BEGIN: 07:30
AIR TEMP.: 52 F°
REL. HUMID.: 60 %
WIND DIR.: N
WIND SPEED: 3.0 MPH
SKY COND.: S
LEAF MOIST: M
ROOT MOIST: M
SOIL TEMP.: 56 4 INCH
METHOD: SP
EQUIPMENT: BAC
PROPELLANT: CO2
PLACEMENT: BC
NOZZLE: FF
NOZZLE NUMBER: 5
NOZZLE SPACING: 18.0 IN
SWATH WIDTH: 7.5 FT
BOOM HEIGHT: 20.0 IN
SPEED: 3.00 MPH
MIX SIZE: 0.39
MIX SIZE UNIT: GAL
SPRAY VOLUME: 20.00
VOLUME UNIT: GPA
PRESSURE: 42.00 PSI
DILUENT: WAT

TIMINGS: 10
* TIMING CODES
10 = POST

SPECIES STAGES

SPECIES: 01 P ZEAMD

COMMON NAME: CORN, DENT

TARGET: CROP

CULTIVAR: PIONEER 3394

POPULATION: 27000 A PLANTING DATE: 04/25

PLANTING DEPTH: 2.0 IN ROW WIDTH: 30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/27	13	NA	7.00	7.00	7.00 IN

SPECIES: 02 P ABUTH

COMMON NAME: VELVETLEAF

TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/27	13	H	2.00	2.00	2.00 IN

SPECIES: 03 P POLPY

COMMON NAME: SMARTWEED, PENNSYLVANIA

TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/27	16	H	6.00	6.00	6.00 IN

SPECIES: 04 P DATST

COMMON NAME: JIMSONWEED

TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/27	13	H	2.00	2.00	2.00 IN

SPECIES: 05 P PHBPU

COMMON NAME: MORNINGGLORY, TALL

TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/27	12	H	1.00	1.00	1.00 IN

* STAGE CODE

00 = DRY SEED (DORMANT)

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: CORN POSTEMERGENCE BROADLEAF WEED CONTROL

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/09	ABUTH 6/09	POLPY 6/09	DATST 6/09	PHBPU 6/09
1A	CLARITY (4SL)	0.5	LAA	10	0	83	99	99	94
B	FERTILIZER - 28%UAN	2.5	PMV	10					
2A	MARKSMAN (3.2SC)	1.4	LAA	10	3	94	99	99	94
B	FERTILIZER - 28%UAN	2.5	PMV	10					
3A	ATRAZINE (90WG)	1.2	LAA	10	1	63	85	99	88
B	COC	1.0	PMV	10					
4A	BUCTRIL GEL	0.25	LAA	10	7	77	74	99	82
5A	BUCTRIL GEL	0.25	LAA	10	5	63	73	99	77
B	ATRAZINE (90WG)	0.5	LAA	10					
6A	SENCOR (75WG)	0.094	LAA	10	8	95	76	96	92
B	2,4-D LVE (3.8EC)	0.17	LAA	10					
7A	SENCOR (75WG)	0.07	LAA	10	9	93	82	98	88
B	BUCTRIL GEL	0.25	LAA	10					
8A	LADDOK (3.32SC)	1.04	LAA	10	4	89	99	99	82
B	FERTILIZER - 28%UAN	2.5	PMV	10					
9A	TOUGH (3.75EC)	0.5	LAA	10	0	65	77	99	93
B	ATRAZINE (90WG)	0.5	LAA	10					
C	COC	1.0	PMV	10					
10A	TOUGH (3.75EC)	0.5	LAA	10	0	65	77	99	93
B	ATRAZINE (90WG)	0.75	LAA	10					
C	COC	1.0	PMV	10					
11A	CGA-248757 (5WP)	0.005	LAA	10	3	88	45	91	85
B	COC	1.0	PMV	10					
12A	UNTREATED CHECK	-	-	-	0	0	0	0	0
13A	CGA-248757 (5WP)	0.003	LAA	10	2	91	97	99	92
B	CLARITY (4SL)	0.5	LAA	10					
C	COC	1.0	PMV	10					
14A	CGA-248757 (5WP)	0.004	LAA	10	7	95	99	99	92
B	CLARITY (4SL)	0.5	LAA	10					
C	COC	1.0	PMV	10					
15A	CGA-248757 (5WP)	0.005	LAA	10	7	97	99	99	91
B	CLARITY (4SL)	0.5	LAA	10					
C	COC	1.0	PMV	10					
16A	CGA-248757 (5WP)	0.003	LAA	10	2	95	97	99	94
B	BEACON (75WG)	0.018	LAA	10					
C	COC	1.0	PMV	10					
17A	CGA-248757 (5WP)	0.003	LAA	10	1	92	99	99	91
B	EXCEED (57WG)	0.018	LAA	10					
C	COC	1.0	PMV	10					
18A	RESOURCE (0.86EC)	0.027	LAA	10	8	82	47	80	82
B	COC	1.0	PMV	10					
19A	RESOURCE (0.86EC)	0.027	LAA	10	4	89	23	75	87
B	ATRAZINE (90WG)	0.5	LAA	10					
C	COC	1.0	PMV	10					

TITLE: CORN POSTEMERGENCE BROADLEAF WEED CONTROL

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/09	ABUTH 6/09	POLPY 6/09	DATST 6/09	PHBPU 6/09
20A	RESOURCE (0.86EC)	0.027	LAA	10	6	93	99	99	91
B	CLARITY (4SL)	0.5	LAA	10					
C	COC	1.0	PMV	10					
21A	CL-12150 (5.25EC)	0.82	LAA	10	2	89	53	96	96
22A	CL-14788 (3.35SC)	1.05	LAA	10	0	62	70	99	96
B	COC	1.0	PMV	10					
LSD	(0.05)				4	17	20	10	16

TITLE: CORN POSTEMERGENCE BROADLEAF WEED CONTROL

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/24	ABUTH 6/24	POLPY 6/24	DATST 6/24	PHBPU 6/24
1A	CLARITY (4SL)	0.5	LAA	10	0	55	94	98	68
B	FERTILIZER - 28%UAN	2.5	PMV	10					
2A	MARKSMAN (3.2SC)	1.4	LAA	10	0	72	97	98	68
B	FERTILIZER - 28%UAN	2.5	PMV	10					
3A	ATRAZINE (90WG)	1.2	LAA	10	0	47	83	93	43
B	COC	1.0	PMV	10					
4A	BUCTRIL GEL	0.25	LAA	10	0	43	63	84	33
5A	BUCTRIL GEL	0.25	LAA	10	0	47	62	87	43
B	ATRAZINE (90WG)	0.5	LAA	10					
6A	SENCOR (75WG)	0.094	LAA	10	0	84	47	86	58
B	2,4-D LVE (3.8EC)	0.17	LAA	10					
7A	SENCOR (75WG)	0.07	LAA	10	0	83	68	94	43
B	BUCTRIL GEL	0.25	LAA	10					
8A	LADDOK (3.32SC)	1.04	LAA	10	0	84	89	97	43
B	FERTILIZER - 28%UAN	2.5	PMV	10					
9A	TOUGH (3.75EC)	0.5	LAA	10	0	37	58	58	33
B	ATRAZINE (90WG)	0.5	LAA	10					
C	COC	1.0	PMV	10					
10A	TOUGH (3.75EC)	0.5	LAA	10	0	47	57	68	40
B	ATRAZINE (90WG)	0.75	LAA	10					
C	COC	1.0	PMV	10					
11A	CGA-248757 (5WP)	0.005	LAA	10	0	99	43	68	33
B	COC	1.0	PMV	10					
12A	UNTREATED CHECK	-	-	-	0	0	0	0	0
13A	CGA-248757 (5WP)	0.003	LAA	10	0	82	93	87	47
B	CLARITY (4SL)	0.5	LAA	10					
C	COC	1.0	PMV	10					
14A	CGA-248757 (5WP)	0.004	LAA	10	0	91	98	98	60
B	CLARITY (4SL)	0.5	LAA	10					
C	COC	1.0	PMV	10					

018 # / A * 1602 / 15 = 304.02 / A

TITLE: CORN POSTEMERGENCE BROADLEAF WEED CONTROL

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/24	ABUTH 6/24	POLPY 6/24	DATST 6/24	PHBPU 6/24
15A	CGA-248757 (5WP)	0.005	LAA	10	0	89	93	99	53
B	CLARITY (4SL)	0.5	LAA	10					
C	COC	1.0	PMV	10					
16A	CGA-248757 (5WP)	0.003	LAA	10	0	63	74	43	33
B	BEACON (75WG)	0.018	LAA	10					
C	COC	1.0	PMV	10					
17A	CGA-248757 (5WP)	0.003	LAA	10	0	88	90	99	65
B	EXCEED (57WG)	0.018	LAA	10					
C	COC	1.0	PMV	10					
18A	RESOURCE (0.86EC)	0.027	LAA	10	0	96	33	33	30
B	COC	1.0	PMV	10					
19A	RESOURCE (0.86EC)	0.027	LAA	10	0	95	43	47	33
B	ATRAZINE (90WG)	0.5	LAA	10					
C	COC	1.0	PMV	10					
20A	RESOURCE (0.86EC)	0.027	LAA	10	0	98	90	99	72
B	CLARITY (4SL)	0.5	LAA	10					
C	COC	1.0	PMV	10					
21A	CL-12150 (5.25EC)	0.82	LAA	10	0	33	52	57	33
22A	CL-14788 (3.35SC)	1.05	LAA	10	0	33	53	72	33
B	COC	1.0	PMV	10					
LSD	(0.05)				0	13	10	8	9

TITLE: CORN POSTEMERGENCE BSF720 BROADLEAF WEED CONTROL

SOIL INFORMATION

TEXTURE: SICL
PH: 5.7
% OM: 5.3
PREV.CROP: GLXMA-SOYBEAN
PLOT WIDTH: 7.50 FT
PLOT LENGTH: 36.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS:3

APPLICATIONS

NUMBER:	/--01--\	UNIT
TYPE:	L	
APPL. DATE:	06/01	MDY
TIME-BEGIN:	09:00	
AIR TEMP.:	79	F°
REL. HUMID.:	30	%
WIND DIR.:	NW	
WIND SPEED:	7.0	MPH
SKY COND.:	P	
LEAF MOIST:	D	
ROOT MOIST:	M	
SOIL TEMP.:	72	4 INCH
METHOD:	SP	
EQUIPMENT:	BAC	
PROPELLANT:	CO2	
PLACEMENT:	BC	
NOZZLE:	FF	
NOZZLE NUMBER:	5	
NOZZLE SPACING:	18.0	IN
SWATH WIDTH:	7.5	FT
BOOM HEIGHT:	20.0	IN
SPEED:	3.00	MPH
MIX SIZE:	0.39	
MIX SIZE UNIT:	GAL	
SPRAY VOLUME:	20.00	
VOLUME UNIT:	GPA	
PRESSURE:	42.00	PSI
DILUENT:	WAT	

TIMINGS: 10

* TIMING CODES

10 = POST

SPECIES STAGES

SPECIES: 01 P ZEAMD
COMMON NAME: CORN, DENT
TARGET: CROP
CULTIVAR: PIONEER 3394
POPULATION: 27000 A PLANTING DATE: 04/25
PLANTING DEPTH: 2.0 IN ROW WIDTH: 30.0 IN
STAGE ON STAGE CODE POP.GEN. MN SIZE MX SIZE AV SIZE
06/01 13 NA 9.00 11.00 10.00 IN

SPECIES: 02 P POLPY
COMMON NAME: SMARTWEED, PENNSYLVANIA
TARGET: PEST
STAGE ON STAGE CODE POP.GEN. MN SIZE MX SIZE AV SIZE
06/01 13 H 2.00 3.00 2.50 IN

SPECIES: 03 P ABUTH
COMMON NAME: VELVETLEAF
TARGET: PEST
STAGE ON STAGE CODE POP.GEN. MN SIZE MX SIZE AV SIZE
06/01 13 L 2.00 3.00 2.50 IN

SPECIES: 04 P CHEAL
COMMON NAME: LAMBSQUARTERS, COMMON
TARGET: PEST
STAGE ON STAGE CODE POP.GEN. MN SIZE MX SIZE AV SIZE
06/01 16 L 1.00 1.00 1.00 IN

SPECIES: 05 P XANST
COMMON NAME: COCKLEBUR, COMMON
TARGET: PEST
STAGE ON STAGE CODE POP.GEN. MN SIZE MX SIZE AV SIZE
06/01 13 M 2.00 4.00 3.00 IN

* STAGE CODE
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: **CORN POSTEMERGENCE BSF720 BROADLEAF WEED CONTROL**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/10	POLPY 6/10	ABUTH 6/10	CHEAL 6/10	XANST 6/10
1A	LADDOK (3.32SC)	1.04	LAA	10	0	99	98	97	99
B	FERTILIZER - 28%UAN	2.5	PMV	10					
2A	BUCTRIL GEL	0.25	LAA	10	1	88	99	89	99
3A	CLARITY (4SL)	0.5	LAA	10	0	89	86	80	99
B	FERTILIZER - 28%UAN	2.5	PMV	10					
4A	CLARITY (4SL)	0.25	LAA	10	0	80	65	77	83
B	FERTILIZER - 28%UAN	2.5	PMV	10					
5A	MARKSMAN (3.2SC)	1.4	LAA	10	0	95	87	95	99
B	FERTILIZER - 28%UAN	2.5	PMV	10					
6A	BSF720 (4.25EC)	0.53	LAA	10	0	98	99	89	93
B	FERTILIZER - 28%UAN	2.5	PMV	10					
7A	BSF720 (4.25EC)	0.53	LAA	10	0	99	99	97	99
B	ATRAZINE (90WG)	0.5	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
8A	BSF720 (4.25EC)	0.53	LAA	10	0	98	99	92	98
B	ATRAZINE (90WG)	1.0	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
9A	BSF720 (4.25EC)	0.53	LAA	10	0	96	99	86	98
B	SENCOR (75WG)	0.063	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
10A	BSF720 (4.25EC)	0.8	LAA	10	0	99	99	92	99
B	FERTILIZER - 28%UAN	2.5	PMV	10					
11A	UNTREATED CHECK	-	-	-	0	0	0	0	0
12A	BSF720 (4.25EC)	0.8	LAA	10	0	98	99	88	99
B	ATRAZINE (90WG)	0.5	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
13A	BSF720 (4.25EC)	0.8	LAA	10	0	98	99	92	99
B	ATRAZINE (90WG)	1.0	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
14A	BSF720 (4.25EC)	0.8	LAA	10	0	98	99	95	99
B	SENCOR (75WG)	0.063	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
15A	BSF720 (4.25EC)	0.8	LAA	10	0	98	96	86	99
B	CLARITY (4SL)	0.063	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
16A	BSF720 (4.25EC)	0.8	LAA	10	0	99	99	88	99
B	CLARITY (4SL)	0.125	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
LSD (0.05)					1	6	6	13	6

-CONTINUED-

TITLE: CORN POSTEMERGENCE BSF720 BROADLEAF WEED CONTROL

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/28	POLPY 6/28	ABUTH 6/28	CHEAL 6/28	XANST 6/28
1A	LADDOK (3.32SC)	1.04	LAA	10	0	95	91	90	98
B	FERTILIZER - 28%UAN	2.5	PMV	10					
2A	BUCTRIL GEL	0.25	LAA	10	0	73	84	81	99
3A	CLARITY (4SL)	0.5	LAA	10	0	99	91	88	99
B	FERTILIZER - 28%UAN	2.5	PMV	10					
4A	CLARITY (4SL)	0.25	LAA	10	0	95	73	68	99
B	FERTILIZER - 28%UAN	2.5	PMV	10					
5A	MARKSMAN (3.2SC)	1.4	LAA	10	0	98	98	99	99
B	FERTILIZER - 28%UAN	2.5	PMV	10					
6A	BSF720 (4.25EC)	0.53	LAA	10	0	99	95	98	99
B	FERTILIZER - 28%UAN	2.5	PMV	10					
7A	BSF720 (4.25EC)	0.53	LAA	10	0	99	96	95	99
B	ATRAZINE (90WG)	0.5	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
8A	BSF720 (4.25EC)	0.53	LAA	10	0	99	98	93	99
B	ATRAZINE (90WG)	1.0	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
9A	BSF720 (4.25EC)	0.53	LAA	10	0	98	96	95	99
B	SENCOR (75WG)	0.063	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
10A	BSF720 (4.25EC)	0.8	LAA	10	0	98	94	92	99
B	FERTILIZER - 28%UAN	2.5	PMV	10					
11A	UNTREATED CHECK	-	-	-	0	0	0	0	0
12A	BSF720 (4.25EC)	0.8	LAA	10	0	99	98	88	99
B	ATRAZINE (90WG)	0.5	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
13A	BSF720 (4.25EC)	0.8	LAA	10	0	99	99	90	99
B	ATRAZINE (90WG)	1.0	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
14A	BSF720 (4.25EC)	0.8	LAA	10	0	98	97	98	99
B	SENCOR (75WG)	0.063	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
15A	BSF720 (4.25EC)	0.8	LAA	10	0	98	91	88	99
B	CLARITY (4SL)	0.063	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
16A	BSF720 (4.25EC)	0.8	LAA	10	0	98	98	93	99
B	CLARITY (4SL)	0.125	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
LSD	(0.05)				0	13	9	13	1

TITLE: ACCENT ADJUVANT STUDY

SOIL INFORMATION

TEXTURE: SICL
PH: 5.7
% OM: 5.3
PREV.CROP: GLXMA-SOYBEAN
PLOT WIDTH: 7.50 FT
PLOT LENGTH: 36.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS: 3

APPLICATIONS

NUMBER: /--01--\ UNIT
TYPE: L
APPL. DATE: 06/03 MDY
TIME-BEGIN: 08:00
AIR TEMP.: 57 F°
REL. HUMID.: 45 %
WIND DIR.: NE
WIND SPEED: 2.0 MPH
SKY COND.: P
LEAF MOIST: M
ROOT MOIST: M
SOIL TEMP.: 61 4 INCH
METHOD: SP
EQUIPMENT: BAC
PROPELLANT: CO2
PLACEMENT: BC
NOZZLE: FF
NOZZLE NUMBER: 5
NOZZLE SPACING: 18.0 IN
SWATH WIDTH: 7.5 FT
BOOM HEIGHT: 20.0 IN
SPEED: 3.00 MPH
MIX SIZE: 0.39
MIX SIZE UNIT: GAL
SPRAY VOLUME: 20.00
VOLUME UNIT: GPA
PRESSURE: 42.00 PSI
DILUENT: WAT

TIMINGS: 10

* TIMING CODES

10 = POST

SPECIES STAGES

SPECIES: 01 P SETFA
COMMON NAME: FOXTAIL, GIANT
TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/03	23	H	7.00	9.00	8.00 IN

SPECIES: 02 P ZEAMD
COMMON NAME: CORN, DENT
TARGET: CROP

CULTIVAR: PIONEER 3394
POPULATION: 27000 A PLANTING DATE: 04/25
PLANTING DEPTH: 2.0 IN ROW WIDTH: 30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/03	14	NA	12.00	12.00	12.00 IN

* STAGE CODE

14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

23 = 3 SIDE SHOOTS / TILLERS VISIBLE

NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: ACCENT ADJUVANT STUDY

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	SETFA 6/17	SETFA 6/24	SETFA 7/08
1A	ACCENT (75WG)	0.016	LAA	10	53	53	53
B	X-77	0.25	PMV	10			
2A	ACCENT (75WG)	0.031	LAA	10	63	73	70
B	X-77	0.25	PMV	10			
3A	ACCENT (75WG)	0.016	LAA	10	57	67	63
B	COC	1.0	PMV	10			
4A	ACCENT (75WG)	0.031	LAA	10	67	77	67
B	COC	1.0	PMV	10			
5A	UNTREATED CHECK	-	-	-	0	0	0
6A	ACCENT (75WG)	0.016	LAA	10	53	53	53
B	CENTURY	0.125	PMV	10			
7A	ACCENT (75WG)	0.016	LAA	10	57	57	57
B	CENTURY	0.2	PMV	10			
8A	ACCENT (75WG)	0.016	LAA	10	63	63	63
B	SYLWET L-77	0.125	PMV	10			
9A	ACCENT (75WG)	0.016	LAA	10	60	60	60
B	DYNE-AMIC	0.5	PMV	10			
10A	ACCENT (75WG)	0.016	LAA	10	57	57	57
B	HM9121-A	0.5	PMV	10			
11A	ACCENT (75WG)	0.016	LAA	10	53	53	53
B	HEN002.94	0.25	PMV	10			
12A	ACCENT (75WG)	0.016	LAA	10	60	60	50
B	SOYWET	0.25	PMV	10			
13A	ACCENT (75WG)	0.016	LAA	10	63	63	57
B	ACTIVATOR-90	0.25	PMV	10			
14A	ACCENT (75WG)	0.016	LAA	10	83	83	92
B	SCOIL	1.0	PMV	10			
15A	ACCENT (75WG)	0.016	LAA	10	80	80	80
B	METH-OIL	1.0	PMV	10			
16A	ACCENT (75WG)	0.016	LAA	10	86	86	88
B	MSO	1.0	PMV	10			
LSD (0.05)					16	16	14

TITLE: TOTAL POSTEMERGENCE WEED CONTROL IN CORN

SOIL INFORMATION

TEXTURE: SICL
PH: 6.2
% OM: 4.7
PREV.CROP: GLXMA-SOYBEAN
PLOT WIDTH: 7.50 FT
PLOT LENGTH: 35.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS:3

APPLICATIONS

NUMBER:	/--01--\	/--02--\	UNIT
TYPE:	L	L	
APPL. DATE:	05/16	05/27	MDY
TIME-BEGIN:	02:00	11:00	
AIR TEMP.:	70	85	F°
REL. HUMID.:	40	60	%
WIND DIR.:	N	SW	
WIND SPEED:	5.0	2.0	MPH
SKY COND.:	S	S	
LEAF MOIST:	D	D	
ROOT MOIST:	M	M	
SOIL TEMP.:	61	72	4 INCH
METHOD:	SP	SP	
EQUIPMENT:	BAC	BAC	
PROPELLANT:	CO2	CO2	
PLACEMENT:	BC	BC	
NOZZLE:	FF	FF	
NOZZLE NUMBER:	5	5	
NOZZLE SPACING:	18.0	18.0	IN
SWATH WIDTH:	7.5	7.5	FT
BOOM HEIGHT:	20.0	20.0	IN
SPEED:	3.00	3.00	MPH
MIX SIZE:	0.38	0.38	
MIX SIZE UNIT:	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	
VOLUME UNIT:	GPA	GPA	
PRESSURE:	42.00	42.00	PSI
DILUENT:	WAT	WAT	

TIMINGS: 08 09

* TIMING CODES

08 = VERY EARLY POST

09 = EARLY POST

SPECIES STAGES

SPECIES: 01 P ZEAMD
COMMON NAME: CORN, DENT
TARGET: CROP
CULTIVAR: PIONEER 3394
POPULATION: 27000 A PLANTING DATE: 04/26
PLANTING DEPTH: 2.0 IN ROW WIDTH: 30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/16	11	NA	2.00	3.00	2.50 IN
05/23	13	NA	5.00	5.00	5.00 IN

SPECIES: 02 P AMACH
COMMON NAME: PIGWED, SMOOTH
TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/16	11	H	0.50	0.50	0.50 IN
05/23	13	H	2.00	2.00	2.00 IN

SPECIES: 03 P CHEAL
COMMON NAME: LAMBSQUARTERS, COMMON
TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/16	12	M	0.50	0.50	0.50 IN
05/23	16	M	1.00	2.00	1.50 IN

SPECIES: 04 P ABUTH
COMMON NAME: VELVETLEAF
TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/16	10	L	0.50	0.50	0.50 IN
05/23	12	L	1.00	2.00	1.50 IN

SPECIES: 05 P DATST
COMMON NAME: JIMSONWEED
TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/16	00	M	0.00	0.00	0.00 IN
05/23	11	M	1.00	1.00	1.00 IN

SPECIES: 06 P SETFA
COMMON NAME: FOXTAIL, GIANT
TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/16	11	M	0.50	1.00	0.75 IN
05/23	13	M	2.00	2.00	2.00 IN

SPECIES: 07 P DIGSA
COMMON NAME: CRABGRASS, LARGE
TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/16	11	L	0.50	0.50	0.50 IN
05/23	12	L	1.00	1.00	1.00 IN

*** STAGE CODE**

- 00 = DRY SEED (DORMANT)
- 10 = 1ST LEAF EMERGING (COTYLEDON UNFOLDING)
- 11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
- 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: **TOTAL POSTEMERGENCE WEED CONTROL IN CORN**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	AMACH 6/03	CHEAL 6/03	ABUTH 6/03	DATST 6/03	SEFTA 6/03	DIGSA 6/03
1A	CLARITY (4SL)	0.5	LAA	9	96	85	86	98	93	40
B	ACCENT (75WG)	0.031	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	2.5	PMV	9						
2A	MARKSMAN (3.25C)	1.4	LAA	9	99	98	86	98	82	32
B	ACCENT (75WG)	0.031	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	2.5	PMV	9						
3A	BUCTRIL GEL	0.25	LAA	9	99	99	93	99	97	58
B	ACCENT (75WG)	0.031	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	2.5	PMV	9						
4A	ATRAZINE (90WG)	1.5	LAA	9	99	99	83	99	86	37
B	ACCENT (75WG)	0.031	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	2.5	PMV	9						
5A	EXCEED (57WG)	0.027	LAA	9	99	94	97	99	95	33
B	ACCENT (75WG)	0.031	LAA	9						
C	X-77	0.25	PMV	9						
6A	PERMIT (75WG)	0.031	LAA	9	95	67	90	96	95	40
B	ACCENT (75WG)	0.031	LAA	9						
C	X-77	0.25	PMV	9						
7A	BEACON (75WG)	0.018	LAA	9	*	*	*	*	*	*
B	ACCENT (75WG)	0.016	LAA	9						
C	X-77	0.25	PMV	9						
8A	RESOURCE (0.86EC)	0.027	LAA	9	99	99	81	99	88	50
B	ATRAZINE (90WG)	0.5	LAA	9						
C	ACCENT (75WG)	0.031	LAA	9						
D	COC	1.00	PMV	9						
9A	RESOURCE (0.86EC)	0.027	LAA	9	99	76	97	99	95	31
B	BEACON (75WG)	0.018	LAA	9						
C	ACCENT (75WG)	0.031	LAA	9						
D	COC	1.00	PMV	9						
10A	NAF-73 (84.3WG)	0.21	LAA	9	96	88	88	99	90	40
B	ACCENT (75WG)	0.031	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	2.5	PMV	9						
11A	FRONTIER (7.5EC)	0.82	LAA	8	99	99	89	99	83	20
B	CLARITY (4SL)	0.5	LAA	8						
C	ACCENT (75WG)	0.031	LAA	8						
D	X-77	0.25	PMV	8						
E	FERTILIZER - 28%UAN	2.5	PMV	8						
12A	UNTREATED CHECK	-	-	-	0	0	0	0	0	0
LSD	(0.05)				7	10	9	7	8	21

-CONTINUED-

TITLE: TOTAL POSTEMERGENCE WEED CONTROL IN CORN

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	AMACH 6/21	CHEAL 6/21	ABUTH 6/21	DATST 6/21	SEFTA 6/21	DIGS 6/21
1A	CLARITY (4SL)	0.5	LAA	9	99	99	81	94	93	47
B	ACCENT (75WG)	0.031	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	2.5	PMV	9						
2A	MARKSMAN (3.2SC)	1.4	LAA	9	99	99	89	99	87	52
B	ACCENT (75WG)	0.031	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	2.5	PMV	9						
3A	BUCTRIL GEL	0.25	LAA	9	99	99	72	96	89	62
B	ACCENT (75WG)	0.031	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	2.5	PMV	9						
4A	ATRAZINE (90WG)	1.5	LAA	9	99	99	75	96	85	57
B	ACCENT (75WG)	0.031	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	2.5	PMV	9						
5A	EXCEED (57WG)	0.027	LAA	9	99	91	94	99	90	47
B	ACCENT (75WG)	0.031	LAA	9						
C	X-77	0.25	PMV	9						
6A	PERMIT (75WG)	0.031	LAA	9	99	68	81	99	93	62
B	ACCENT (75WG)	0.031	LAA	9						
C	X-77	0.25	PMV	9						
7A	BEACON (75WG)	0.018	LAA	9	*	*	*	*	*	*
B	ACCENT (75WG)	0.016	LAA	9						
C	X-77	0.25	PMV	9						
8A	RESOURCE (0.86EC)	0.027	LAA	9	99	99	65	99	85	65
B	ATRAZINE (90WG)	0.5	LAA	9						
C	ACCENT (75WG)	0.031	LAA	9						
D	COC	1.00	PMV	9						
9A	RESOURCE (0.86EC)	0.027	LAA	9	99	54	70	99	80	40
B	BEACON (75WG)	0.018	LAA	9						
C	ACCENT (75WG)	0.031	LAA	9						
D	COC	1.00	PMV	9						
10A	NAF-73 (84.3WG)	0.21	LAA	9	99	99	87	96	79	50
B	ACCENT (75WG)	0.031	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	2.5	PMV	9						
11A	FRONTIER (7.5EC)	0.82	LAA	8	99	96	70	99	45	27
B	CLARITY (4SL)	0.5	LAA	8						
C	ACCENT (75WG)	0.031	LAA	8						
D	X-77	0.25	PMV	8						
E	FERTILIZER - 28%UAN	2.5	PMV	8						
12A	UNTREATED CHECK	-	-	-	0	0	0	0	0	0
LSD (0.05)					0	11	13	7	21	24

* MISSING DATA

TITLE: SOYBEAN NO-TILL 1

SOIL INFORMATION

TEXTURE: SIX
 PH: 6.5
 % OM: 4.7
 PREV. CROP: ZEAMD-CORN, DENT
 PLOT WIDTH: 10.00 FT
 PLOT LENGTH: 30.00 FT

TRIAL INFORMATION

DESIGN: RCB
 REPS: 3

APPLICATIONS

NUMBER:	/--01--\	/--02--\	/--03--\	UNIT
TYPE:	L	L	L	
APPL. DATE:	04/14	04/29	05/19	MDY
TIME - BEGIN:	09:45	09:00	01:30	H
AIR TEMP.:	64	55	75	F°
REL. HUMID.:	60	57	35	%
WIND DIR.:	SW	W	N	
WIND SPEED:	7.0	5.0	10.0	MPH
SKY COND.:	C	P	C	
LEAF MOIST:	D	D	D	
ROOT MOIST:	M	M	M	
SOIL TEMP.:	57	52	68	4 INCH
METHOD:	SP	SP	SP	
EQUIPMENT:	BAC	BAC	BAC	
PROPELLANT:	CO2	CO2	CO2	
PLACEMENT:	BC	BC	BC	
NOZZLE:	FF	FF	FF	
NOZZLE NUMBER:	6	6	6	
NOZZLE SPACING:	20.0	20.0	20.0	IN
SWATH WIDTH:	10.0	10.0	10.0	FT
BOOM HEIGHT:	20.0	20.0	20.0	IN
SPEED:	3.00	3.00	3.00	MPH
MIX SIZE:	0.43	0.43	0.43	
MIX SIZE UNIT:	GAL	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	20.00	
VOLUME UNIT:	GPA	GPA	GPA	
PRESSURE:	32.00	32.00	32.00	PSI
DILUENT:	WAT	WAT	WAT	

TIMINGS: 03 04 07

* TIMING CODES

03 = EPP 30 DAYS BEFORE PLANTING.
 04 = EPP 15 DAYS BEFORE PLANTING.
 07 = PRE

SPECIES STAGES

SPECIES: 01 P GLXMA
COMMON NAME: SOYBEAN
TARGET: CROP
CULTIVAR: PIONEER 9202
POPULATION: BU./A PLANTING DATE: 05/19
PLANTING DEPTH: 2.0 IN ROW WIDTH: 30.0 IN

SPECIES: 02 P SETFA
COMMON NAME: FOXTAIL, GIANT
TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/19	12	L	1.00	2.00	1.50 IN

SPECIES: 03 P POLPY
COMMON NAME: SMARTWEED, PENNSYLVANIA
TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/19	13	L	2.00	3.00	2.50 IN

SPECIES: 04 P CHEAL
COMMON NAME: LAMBSQUARTERS, COMMON
TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
04/29	13	M	1.00	1.00	1.00 IN
05/19	15	M	2.00	3.00	2.50 IN

* STAGE CODE
00 = DRY SEED (DORMANT)
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: **SOYBEAN NO-TILL 1**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/18	SETFA 6/18	POLPY 6/18	CHEAL 6/18
1A	CANOPY (75WG)	0.187	LAA	3	0	57	92	93
B	ROUNDUP (3SL)	0.56	LAA	3				
C	X-77	0.5	PMV	3				
2A	CANOPY (75WG)	0.234	LAA	3	0	83	96	96
B	ROUNDUP (3SL)	0.56	LAA	3				
C	X-77	0.5	PMV	3				
3A	CANOPY (75WG)	0.28	LAA	3	0	87	97	97
B	ROUNDUP (3SL)	0.56	LAA	3				
C	X-77	0.5	PMV	3				
4A	CANOPY (75WG)	0.328	LAA	3	5	92	97	98
B	ROUNDUP (3SL)	0.56	LAA	3				
C	X-77	0.5	PMV	3				
5A	CANOPY (75WG)	0.375	LAA	3	5	96	99	99
B	ROUNDUP (3SL)	0.56	LAA	3				
C	X-77	0.5	PMV	3				
6A	CANOPY (75WG)	0.28	LAA	3	13	94	98	98
B	DUAL II (7.8EC)	2.0	LAA	3				
C	ROUNDUP (3SL)	0.56	LAA	3				
D	X-77	0.5	PMV	3				
7A	SQUADRON (2.33EC)	0.875	LAA	3	10	94	97	98
B	ROUNDUP (3SL)	0.56	LAA	3				
C	X-77	0.5	PMV	3				
8A	CANOPY (75WG)	0.187	LAA	4	13	75	94	94
B	ROUNDUP (3SL)	0.56	LAA	4				
C	X-77	0.5	PMV	4				
9A	CANOPY (75WG)	0.234	LAA	4	22	65	91	94
B	ROUNDUP (3SL)	0.56	LAA	4				
C	X-77	0.5	PMV	4				
10A	CANOPY (75WG)	0.28	LAA	4	8	87	92	95
B	ROUNDUP (3SL)	0.56	LAA	4				
C	X-77	0.5	PMV	4				
11A	CANOPY (75WG)	0.328	LAA	4	13	92	97	97
B	ROUNDUP (3SL)	0.56	LAA	4				
C	X-77	0.5	PMV	4				
12A	CANOPY (75WG)	0.375	LAA	4	20	95	99	99
B	ROUNDUP (3SL)	0.56	LAA	4				
C	X-77	0.5	PMV	4				
13A	CANOPY (75WG)	0.28	LAA	4	12	98	98	99
B	DUAL II (7.8EC)	2.0	LAA	4				
C	ROUNDUP (3SL)	0.56	LAA	4				
D	X-77	0.5	PMV	4				
14A	CANOPY (75WG)	0.28	LAA	4	10	98	98	99
B	FRONTIER (7.5EC)	1.17	LAA	4				
C	ROUNDUP (3SL)	0.56	LAA	4				
D	X-77	0.5	PMV	4				
15A	SQUADRON (2.33EC)	0.875	LAA	4	17	92	98	98
B	ROUNDUP (3SL)	0.56	LAA	4				
C	X-77	0.5	PMV	4				

TITLE: **SOYBEAN NO-TILL 1**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/18	SETFA 6/18	POLPY 6/18	CHEAL 6/18
16A	CANOPY (75WG)	0.187	LAA	7	20	89	91	95
B	ROUNDUP (3SL)	0.56	LAA	7				
C	X-77	0.5	PMV	7				
17A	CANOPY (75WG)	0.234	LAA	7	27	90	93	94
B	ROUNDUP (3SL)	0.56	LAA	7				
C	X-77	0.5	PMV	7				
18A	CANOPY (75WG)	0.28	LAA	7	20	91	94	97
B	ROUNDUP (3SL)	0.56	LAA	7				
C	X-77	0.5	PMV	7				
19A	CANOPY (75WG)	0.328	LAA	7	18	88	93	92
B	ROUNDUP (3SL)	0.56	LAA	7				
C	X-77	0.5	PMV	7				
20A	CANOPY (75WG)	0.375	LAA	7	30	89	93	95
B	ROUNDUP (3SL)	0.56	LAA	7				
C	X-77	0.5	PMV	7				
21A	CANOPY (75WG)	0.28	LAA	7	25	97	97	98
B	DUAL II (7.8EC)	2.0	LAA	7				
C	ROUNDUP (3SL)	0.56	LAA	7				
D	X-77	0.5	PMV	7				
22A	CANOPY (75WG)	0.28	LAA	7	30	92	88	93
B	FRONTIER (7.5EC)	1.17	LAA	7				
C	ROUNDUP (3SL)	0.56	LAA	7				
D	X-77	0.5	PMV	7				
23A	SQUADRON (2.33EC)	0.875	LAA	7	17	86	80	91
B	ROUNDUP (3SL)	0.56	LAA	7				
C	X-77	0.5	PMV	7				
24A	UNTREATED CHECK	-	-	-	0	0	0	0
25A	BROADSTRIKE+DUAL(7.67L)	2.64	LAA	3	7	94	97	97
B	ROUNDUP (3SL)	0.56	LAA	3				
C	X-77	0.5	PMV	3				
26A	BROADSTRIKE+DUAL(7.67L)	2.64	LAA	4	5	97	98	98
B	ROUNDUP (3SL)	0.56	LAA	4				
C	X-77	0.5	PMV	4				
27A	BROADSTRIKE+DUAL(7.67L)	2.4	LAA	7	13	94	95	97
B	ROUNDUP (3SL)	0.56	LAA	7				
C	X-77	0.5	PMV	7				
LSD	(0.05)				12	7	5	3

-CONTINUED-

TITLE: SOYBEAN NO-TILL 1

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/30	SETFA 6/30	POLPY 6/30	CHEAL 6/30
1A	CANOPY (75WG)	0.187	LAA	3	0	48	88	92
B	ROUNDUP (3SL)	0.56	LAA	3				
C	X-77	0.5	PMV	3				
2A	CANOPY (75WG)	0.234	LAA	3	0	83	92	93
B	ROUNDUP (3SL)	0.56	LAA	3				
C	X-77	0.5	PMV	3				
3A	CANOPY (75WG)	0.28	LAA	3	0	89	95	96
B	ROUNDUP (3SL)	0.56	LAA	3				
C	X-77	0.5	PMV	3				
4A	CANOPY (75WG)	0.328	LAA	3	3	92	94	96
B	ROUNDUP (3SL)	0.56	LAA	3				
C	X-77	0.5	PMV	3				
5A	CANOPY (75WG)	0.375	LAA	3	3	93	96	97
B	ROUNDUP (3SL)	0.56	LAA	3				
C	X-77	0.5	PMV	3				
6A	CANOPY (75WG)	0.28	LAA	3	12	93	96	96
B	DUAL II (7.8EC)	2.0	LAA	3				
C	ROUNDUP (3SL)	0.56	LAA	3				
D	X-77	0.5	PMV	3				
7A	SQUADRON (2.33EC)	0.875	LAA	3	8	93	96	97
B	ROUNDUP (3SL)	0.56	LAA	3				
C	X-77	0.5	PMV	3				
8A	CANOPY (75WG)	0.187	LAA	4	8	75	89	93
B	ROUNDUP (3SL)	0.56	LAA	4				
C	X-77	0.5	PMV	4				
9A	CANOPY (75WG)	0.234	LAA	4	17	67	88	92
B	ROUNDUP (3SL)	0.56	LAA	4				
C	X-77	0.5	PMV	4				
10A	CANOPY (75WG)	0.28	LAA	4	8	85	88	92
B	ROUNDUP (3SL)	0.56	LAA	4				
C	X-77	0.5	PMV	4				
11A	CANOPY (75WG)	0.328	LAA	4	8	90	96	96
B	ROUNDUP (3SL)	0.56	LAA	4				
C	X-77	0.5	PMV	4				
12A	CANOPY (75WG)	0.375	LAA	4	17	95	97	98
B	ROUNDUP (3SL)	0.56	LAA	4				
C	X-77	0.5	PMV	4				
13A	CANOPY (75WG)	0.28	LAA	4	12	98	98	99
B	DUAL II (7.8EC)	2.0	LAA	4				
C	ROUNDUP (3SL)	0.56	LAA	4				
D	X-77	0.5	PMV	4				
14A	CANOPY (75WG)	0.28	LAA	4	12	97	98	98
B	FRONTIER (7.5EC)	1.17	LAA	4				
C	ROUNDUP (3SL)	0.56	LAA	4				
D	X-77	0.5	PMV	4				
15A	SQUADRON (2.33EC)	0.875	LAA	4	18	93	96	97
B	ROUNDUP (3SL)	0.56	LAA	4				
C	X-77	0.5	PMV	4				

TITLE: SOYBEAN NO-TILL 1

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/30	SETFA 6/30	POLPY 6/30	CHEAL 6/30
16A	CANOPY (75WG)	0.187	LAA	7	18	88	92	94
B	ROUNDUP (3SL)	0.56	LAA	7				
C	X-77	0.5	PMV	7				
17A	CANOPY (75WG)	0.234	LAA	7	23	90	93	94
B	ROUNDUP (3SL)	0.56	LAA	7				
C	X-77	0.5	PMV	7				
18A	CANOPY (75WG)	0.28	LAA	7	17	90	91	96
B	ROUNDUP (3SL)	0.56	LAA	7				
C	X-77	0.5	PMV	7				
19A	CANOPY (75WG)	0.328	LAA	7	18	88	89	92
B	ROUNDUP (3SL)	0.56	LAA	7				
C	X-77	0.5	PMV	7				
20A	CANOPY (75WG)	0.375	LAA	7	27	88	94	95
B	ROUNDUP (3SL)	0.56	LAA	7				
C	X-77	0.5	PMV	7				
21A	CANOPY (75WG)	0.28	LAA	7	25	95	94	97
B	DUAL II (7.8EC)	2.0	LAA	7				
C	ROUNDUP (3SL)	0.56	LAA	7				
D	X-77	0.5	PMV	7				
22A	CANOPY (75WG)	0.28	LAA	7	25	92	90	95
B	FRONTIER (7.5EC)	1.17	LAA	7				
C	ROUNDUP (3SL)	0.56	LAA	7				
D	X-77	0.5	PMV	7				
23A	SQUADRON (2.33EC)	0.875	LAA	7	13	86	83	92
B	ROUNDUP (3SL)	0.56	LAA	7				
C	X-77	0.5	PMV	7				
24A	UNTREATED CHECK	-	-	-	0	0	0	0
25A	BROADSTRIKE+DUAL (7.67L)	2.64	LAA	3	5	94	97	97
B	ROUNDUP (3SL)	0.56	LAA	3				
C	X-77	0.5	PMV	3				
26A	BROADSTRIKE+DUAL (7.67L)	2.64	LAA	4	3	97	98	98
B	ROUNDUP (3SL)	0.56	LAA	4				
C	X-77	0.5	PMV	4				
27A	BROADSTRIKE+DUAL (7.67L)	2.4	LAA	7	13	92	93	95
B	ROUNDUP (3SL)	0.56	LAA	7				
C	X-77	0.5	PMV	7				
LSD (0.05)					8	7	4	3

TITLE: SOYBEAN NO-TILL 2

SOIL INFORMATION

TEXTURE: SIX
PH: 6.5
% OM: 4.7
PREV. CROP: ZEAMD-CORN, DENT
PLOT WIDTH: 10.00 FT
PLOT LENGTH: 30.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS: 3

APPLICATIONS

NUMBER:	/--01--\	/--02--\	UNIT
TYPE:	L	L	
APPL. DATE:	05/19	06/17	MDY
TIME - BEGIN:	09:15	10:30	H
AIR TEMP.:	65	89	F°
REL. HUMID.:	40	80	%
WIND DIR.:	NE	E	
WIND SPEED:	3.0	2.0	MPH
SKY COND.:	C	C	
LEAF MOIST:	D	D	
ROOT MOIST:	M	M	
SOIL TEMP.:	60	83	4 INCH
METHOD:	SP	SP	
EQUIPMENT:	BAC	BAC	
PROPELLANT:	CO2	CO2	
PLACEMENT:	BC	BC	
NOZZLE:	FF	FF	
NOZZLE NUMBER:	6	6	
NOZZLE SPACING:	20.0	20.0	IN
SWATH WIDTH:	10.0	10.0	FT
BOOM HEIGHT:	20.0	20.0	IN
SPEED:	3.00	3.00	MPH
MIX SIZE:	0.43	0.43	
MIX SIZE UNIT:	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	
VOLUME UNIT:	GPA	GPA	
PRESSURE:	32.00	32.00	PSI
DILUENT:	WAT	WAT	

TIMINGS: 07 10

* TIMING CODES

07 = PRE

10 = POST

SPECIES STAGES

SPECIES: 01 P GLXMA
COMMON NAME: SOYBEAN
TARGET: CROP
CULTIVAR: PIONEER 9202
POPULATION: BU./A PLANTING DATE: 05/19
PLANTING DEPTH: 2.0 IN ROW WIDTH: 30.0 IN
STAGE ON STAGE CODE POP.GEN. MN SIZE MX SIZE AV SIZE
06/17 12 NA 5.00 5.00 5.00 IN

SPECIES: 02 P SETFA
COMMON NAME: FOXTAIL, GIANT
TARGET: PEST
STAGE ON STAGE CODE POP.GEN. MN SIZE MX SIZE AV SIZE
06/17 12 M 2.00 2.00 2.00 IN

SPECIES: 03 P POLPY
COMMON NAME: SMARTWEED, PENNSYLVANIA
TARGET: PEST
STAGE ON STAGE CODE POP.GEN. MN SIZE MX SIZE AV SIZE
05/19 13 M 2.00 3.00 2.50 IN
06/17 15 M 3.00 4.00 3.50 IN

SPECIES: 04 P CHEAL
COMMON NAME: LAMBSQUARTERS, COMMON
TARGET: PEST
STAGE ON STAGE CODE POP.GEN. MN SIZE MX SIZE AV SIZE
05/19 13 M 0.50 1.00 0.75 IN
06/17 15 M 1.00 1.00 1.00 IN

SPECIES: 05 P IPOHE
COMMON NAME: MORNINGGLORY, IVYLEAF
TARGET: PEST
STAGE ON STAGE CODE POP.GEN. MN SIZE MX SIZE AV SIZE
06/17 11 M 1.00 1.00 1.00 IN

SPECIES: 06 P ERICA
COMMON NAME: HORSEWEED
TARGET: PEST
STAGE ON STAGE CODE POP.GEN. MN SIZE MX SIZE AV SIZE
06/17 14 M 2.00 3.00 2.50 IN

- * STAGE CODE
00 = DRY SEED (DORMANT)
11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: **SOYBEAN NO-TILL 2**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/17	SETFA 6/17	POLPY 6/17	CHEAL 6/17	IPOHE 6/17	ERICA 6/17
1A	COMMAND (4EC)	0.75	LAA	6	13	96	95	97	89	98
B	CANOPY (75WG)	0.23	LAA	6						
C	ROUNDUP (3SL)	0.56	LAA	6						
D	X-77	0.25	PMV	6						
2A	COMMAND (4EC)	0.75	LAA	6	10	92	95	95	85	97
B	SCEPTER (70WG)	0.093	LAA	6						
C	ROUNDUP (3SL)	0.56	LAA	6						
D	X-77	0.25	PMV	6						
3A	COMMAND (4EC)	0.75	LAA	6	10	93	85	85	82	95
B	ROUNDUP (3SL)	0.56	LAA	6						
C	PURSUIT (2SL)	0.031	LAA	10						
D	X-77	0.25	LAA	10						
E	FERTILIZER - 28%UAN	2.5	PMV	10						
4A	COMMAND (4EC)	0.75	LAA	6	18	97	90	97	93	94
B	F-6285 (75WG)	0.251	LAA	6						
C	ROUNDUP (3SL)	0.56	LAA	6						
D	X-77	0.25	PMV	6						
5A	COMMAND (4EC)	0.75	LAA	6	25	98	96	97	97	98
B	F-6285 (75WG)	0.313	LAA	6						
C	ROUNDUP (3SL)	0.56	LAA	6						
D	X-77	0.25	PMV	6						
6A	COMMAND (4EC)	0.75	LAA	6	13	92	91	95	92	97
B	F-6285 (75WG)	0.375	LAA	6						
C	ROUNDUP (3SL)	0.56	LAA	6						
D	X-77	0.25	PMV	6						
7A	UNTREATED CHECK	-	-	-	0	0	0	0	0	0
8A	F-6285 (75WG)	0.375	LAA	7	23	92	82	94	93	95
B	ROUNDUP (3SL)	0.56	LAA	7						
C	X-77	0.25	PMV	7						
9A	DUAL II (7.8EC)	2.00	LAA	7	18	98	80	95	91	97
B	F-6285 (75WG)	0.313	LAA	7						
C	ROUNDUP (3SL)	0.56	LAA	7						
D	X-77	0.25	PMV	7						
10A	DUAL II (7.8EC)	2.00	LAA	7	22	91	77	91	93	94
B	F-6285 (75WG)	0.375	LAA	7						
C	ROUNDUP (3SL)	0.56	LAA	7						
D	X-77	0.25	PMV	7						
11A	F-6285 (75WG)	0.313	LAA	7	15	88	70	90	92	91
B	ROUNDUP (3SL)	0.56	LAA	7						
C	X-77	0.25	PMV	7						
D	PURSUIT (2SL)	0.031	LAA	10						
E	X-77	0.25	LAA	10						
F	FERTILIZER - 28%UAN	2.5	PMV	10						
12A	F-6285 (75WG)	0.375	LAA	7	20	85	78	87	83	87
B	ROUNDUP (3SL)	0.56	LAA	7						
C	X-77	0.25	PMV	7						
D	PURSUIT (2SL)	0.031	LAA	10						
E	X-77	0.25	LAA	10						
F	FERTILIZER - 28%UAN	2.5	PMV	10						
13A	BROADSTRIKE+DUAL (7.67L)	2.4	LAA	7	20	93	82	85	74	94
B	ROUNDUP (3SL)	0.56	LAA	7						
C	X-77	0.25	PMV	7						

TITLE: **SOYBEAN NO-TILL 2**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/17	SETFA 6/17	POLPY 6/17	CHEAL 6/17	IPOHE 6/17	ERICA 6/17
14A	BROADSTRIKE+DUAL (7.67L)	2.4	LAA	7	18	92	84	86	82	94
B	ROUNDUP (3SL)	0.56	LAA	7						
C	X-77	0.25	PMV	7						
D	GALAXY (3.67SL)	0.92	LAA	10						
E	COC	1.00	LAA	10						
F	FERTILIZER - 28%UAN	2.5	PMV	10						
15A	CANOPY (75WG)	0.28	LAA	7	22	86	88	88	83	92
B	ROUNDUP (3SL)	0.56	LAA	7						
C	X-77	0.25	PMV	7						
16A	CANOPY (75WG)	0.28	LAA	7	23	96	90	92	89	96
B	DUAL II (7.8EC)	2.5	LAA	7						
C	ROUNDUP (3SL)	0.56	LAA	7						
D	X-77	0.25	PMV	7						
17A	CANOPY (75WG)	0.28	LAA	7	13	83	83	83	78	90
B	ROUNDUP (3SL)	0.56	LAA	7						
C	X-77	0.25	PMV	7						
D	ASSURE II (0.8EC)	0.055	LAA	10						
E	COC	1.00	LAA	10						
18A	PROWL (3.3EC)	1.25	LAA	7	8	88	80	88	78	89
B	ROUNDUP (3SL)	0.56	LAA	7						
C	X-77	0.25	PMV	7						
D	PURSUIT (2SL)	0.063	LAA	10						
E	SUNIT II	1.00	LAA	10						
F	FERTILIZER - 28%UAN	2.5	PMV	10						
19A	ROUNDUP (3SL)	0.56	LAA	7	3	82	70	75	63	89
B	X-77	0.25	PMV	7						
C	PURSUIT (2SL)	0.063	LAA	10						
D	SUNIT II	1.00	LAA	10						
E	FERTILIZER - 28%UAN	2.5	PMV	10						
20A	ROUNDUP (3SL)	0.56	LAA	7	0	78	85	83	75	88
B	X-77	0.25	PMV	7						
21A	UNTREATED CHECK	0.00	NA	0	0	0	0	0	0	0
	LSD (0.05)				10	5	11	8	11	5

-CONTINUED-

TITLE: SOYBEAN NO-TILL 2

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/30	SETFA 6/30	POLPY 6/30	CHEAL 6/30	IPOHE 6/30	ERICA 6/30
1A	COMMAND (4EC)	0.75	LAA	6	12	94	95	90	87	97
B	CANOPY (75WG)	0.23	LAA	6						
C	ROUNDUP (3SL)	0.56	LAA	6						
D	X-77	0.25	PMV	6						
2A	COMMAND (4EC)	0.75	LAA	6	13	92	94	93	84	96
B	SCEPTER (70WG)	0.093	LAA	6						
C	ROUNDUP (3SL)	0.56	LAA	6						
D	X-77	0.25	PMV	6						
3A	COMMAND (4EC)	0.75	LAA	6	12	93	86	88	77	96
B	ROUNDUP (3SL)	0.56	LAA	6						
C	PURSUIT (2SL)	0.031	LAA	10						
D	X-77	0.25	LAA	10						
E	FERTILIZER - 28%UAN	2.5	PMV	10						
4A	COMMAND (4EC)	0.75	LAA	6	18	93	89	94	90	95
B	F-6285 (75WG)	0.251	LAA	6						
C	ROUNDUP (3SL)	0.56	LAA	6						
D	X-77	0.25	PMV	6						
5A	COMMAND (4EC)	0.75	LAA	6	22	95	93	93	93	98
B	F-6285 (75WG)	0.313	LAA	6						
C	ROUNDUP (3SL)	0.56	LAA	6						
D	X-77	0.25	PMV	6						
6A	COMMAND (4EC)	0.75	LAA	6	15	90	90	90	91	97
B	F-6285 (75WG)	0.375	LAA	6						
C	ROUNDUP (3SL)	0.56	LAA	6						
D	X-77	0.25	PMV	6						
7A	UNTREATED CHECK	-	-	-	0	0	0	0	0	0
8A	F-6285 (75WG)	0.375	LAA	7	18	89	80	90	89	97
B	ROUNDUP (3SL)	0.56	LAA	7						
C	X-77	0.25	PMV	7						
9A	DUAL II (7.8EC)	2.00	LAA	7	15	95	73	87	87	96
B	F-6285 (75WG)	0.313	LAA	7						
C	ROUNDUP (3SL)	0.56	LAA	7						
D	X-77	0.25	PMV	7						
10A	DUAL II (7.8EC)	2.00	LAA	7	15	90	72	83	88	93
B	F-6285 (75WG)	0.375	LAA	7						
C	ROUNDUP (3SL)	0.56	LAA	7						
D	X-77	0.25	PMV	7						
11A	F-6285 (75WG)	0.313	LAA	7	12	91	88	85	87	95
B	ROUNDUP (3SL)	0.56	LAA	7						
C	X-77	0.25	PMV	7						
D	PURSUIT (2SL)	0.031	LAA	10						
E	X-77	0.25	LAA	10						
F	FERTILIZER - 28%UAN	2.5	PMV	10						
12A	F-6285 (75WG)	0.375	LAA	7	13	88	83	85	86	91
B	ROUNDUP (3SL)	0.56	LAA	7						
C	X-77	0.25	PMV	7						
D	PURSUIT (2SL)	0.031	LAA	10						
E	X-77	0.25	LAA	10						
F	FERTILIZER - 28%UAN	2.5	PMV	10						
13A	BROADSTRIKE+DUAL (7.67L)	2.4	LAA	7	15	92	82	86	75	95
B	ROUNDUP (3SL)	0.56	LAA	7						
C	X-77	0.25	PMV	7						

TITLE: SOYBEAN NO-TILL 2

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/30	SETFA 6/30	POLPY 6/30	CHEAL 6/30	IPOHE 6/30	ERICA 6/30
14A	BROADSTRIKE+DUAL (7.67L)	2.4	LAA	7	18	91	88	85	87	95
B	ROUNDUP (3SL)	0.56	LAA	7						
C	X-77	0.25	PMV	7						
D	GALAXY (3.67SL)	0.92	LAA	10						
E	COC	1.00	LAA	10						
F	FERTILIZER - 28%UAN	2.5	PMV	10						
15A	CANOPY (75WG)	0.28	LAA	7	23	83	82	85	78	94
B	ROUNDUP (3SL)	0.56	LAA	7						
C	X-77	0.25	PMV	7						
16A	CANOPY (75WG)	0.28	LAA	7	20	91	88	90	85	94
B	DUAL II (7.8EC)	2.5	LAA	7						
C	ROUNDUP (3SL)	0.56	LAA	7						
D	X-77	0.25	PMV	7						
17A	CANOPY (75WG)	0.28	LAA	7	12	88	80	85	78	92
B	ROUNDUP (3SL)	0.56	LAA	7						
C	X-77	0.25	PMV	7						
D	ASSURE II (0.8EC)	0.055	LAA	10						
E	COC	1.00	LAA	10						
18A	PROWL (3.3EC)	1.25	LAA	7	13	90	87	90	86	96
B	ROUNDUP (3SL)	0.56	LAA	7						
C	X-77	0.25	PMV	7						
D	PURSUIT (2SL)	0.063	LAA	10						
E	SUNIT II	1.00	LAA	10						
F	FERTILIZER - 28%UAN	2.5	PMV	10						
19A	ROUNDUP (3SL)	0.56	LAA	7	3	86	78	78	77	92
B	X-77	0.25	PMV	7						
C	PURSUIT (2SL)	0.063	LAA	10						
D	SUNIT II	1.00	LAA	10						
E	FERTILIZER - 28%UAN	2.5	PMV	10						
20A	ROUNDUP (3SL)	0.56	LAA	7	0	73	80	82	70	80
B	X-77	0.25	PMV	7						
21A	UNTREATED CHECK	0.00	NA	0	0	0	0	0	0	0
	LSD (0.05)				9	6	10	7	7	4

TITLE: SOYBEAN NO-TILL 3.

SOIL INFORMATION

TEXTURE: SIX
 PH: 6.5
 % OM: 4.7
 PREV. CROP: ZEAMD-CORN, DENT
 PLOT WIDTH: 10.00 FT
 PLOT LENGTH: 30.00 FT

TRIAL INFORMATION

DESIGN: RCB
 REPS: 3

APPLICATIONS

NUMBER:	/--01--\	/--02--\	/--03--\	UNIT
TYPE:	L	L	L	
APPL. DATE:	05/16	05/19	06/17	MDY
TIME - BEGIN:	01:30	01:30	10:45	H
AIR TEMP.:	70	75	89	F°
REL. HUMID.:	40	35	80	%
WIND DIR.:	N	N	E	
WIND SPEED:	3.0	10.0	2.0	MPH
SKY COND.:	C	C	C	
LEAF MOIST:	D	D	D	
ROOT MOIST:	M	M	M	
SOIL TEMP.:	63	68	85	4 INCH
METHOD:	SP	SP	SP	
EQUIPMENT:	BAC	BAC	BAC	
PROPELLANT:	CO2	CO2	CO2	
PLACEMENT:	BC	BC	BC	
NOZZLE:	FF	FF	FF	
NOZZLE NUMBER:	6	6	6	
NOZZLE SPACING:	20.0	20.0	20.0	IN
SWATH WIDTH:	10.0	10.0	10.0	FT
BOOM HEIGHT:	20.0	20.0	20.0	IN
SPEED:	3.00	3.00	3.00	MPH
MIX SIZE:	0.43	0.43	0.43	
MIX SIZE UNIT:	GAL	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	20.00	
VOLUME UNIT:	GPA	GPA	GPA	
PRESSURE:	32.00	32.00	32.00	PSI
DILUENT:	WAT	WAT	WAT	

TIMINGS: 14 07 10

* TIMING CODES

14 = EPP 7 DAYS BEFORE PLANTING.
 07 = PRE
 10 = POST

SPECIES STAGES

SPECIES: 01 P GLXMA

COMMON NAME: SOYBEAN

TARGET: CROP

CULTIVAR: PIONEER 9202

POPULATION: BU./A PLANTING DATE: 05/19

PLANTING DEPTH: 2.0 IN ROW WIDTH: 30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/17	12	NA	5.00	5.00	5.00 IN

SPECIES: 02 P SETFA

COMMON NAME: FOXTAIL, GIANT

TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/19	11	L	1.00	1.00	1.00 IN
06/17	12	L	3.00	3.00	3.00 IN

SPECIES: 03 P POLPY

COMMON NAME: SMARTWEED, PENNSYLVANIA

TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/16	13	H	2.00	2.00	2.00 IN
05/19	14	H	3.00	3.00	3.00 IN
06/17	16	H	4.00	5.00	4.50 IN

SPECIES: 04 P CHEAL

COMMON NAME: LAMBSQUARTERS, COMMON

TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/16	14	M	1.00	1.00	1.00 IN
05/19	15	M	2.00	2.00	2.00 IN
06/17	18	M	3.00	4.00	3.50 IN

SPECIES: 05 P IPOHE

COMMON NAME: MORNINGGLORY, IVYLEAF

TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/17	13	M	1.00	2.00	1.50 IN

SPECIES: 06 P ERICA

COMMON NAME: HORSEWEED

TARGET: PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/19	14	L	2.00	3.00	2.50 IN
06/17	18	L	4.00	6.00	5.00 IN

* STAGE CODE

- 11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
- 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: **SOYBEAN NO-TILL 3**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/17	SETFA 6/17	POLPY 6/17	CHEAL 6/17	IPOHE 6/17	ERICA 6/17
1A	SENCOR (75WG)	0.094	LAA	14	17	80	93	95	55	95
B	POAST PLUS (1EC)	0.063	LAA	14						
C	2.4-D LVE (3.8EC)	0.5	LAA	14						
D	COC	1.00	PMV	14						
E	GALAXY (3.67SL)	0.92	LAA	10						
F	POAST PLUS (1EC)	0.188	LAA	10						
G	SYLGARD	0.25	PMV	10						
2A	SENCOR (75WG)	0.188	LAA	14	25	87	94	95	68	97
B	ROUNDUP (3SL)	0.188	LAA	14						
C	2.4-D LVE (3.8EC)	0.5	LAA	14						
D	21% AMMON.SULFATE	17.0	PMG	14						
E	X-77	0.5	PMV	14						
F	GALAXY (3.67SL)	0.92	LAA	10						
G	POAST PLUS (1EC)	0.188	LAA	10						
H	SYLGARD	0.25	PMV	10						
3A	SENCOR (75WG)	0.094	LAA	7	20	82	85	92	63	90
B	ROUNDUP (3SL)	0.38	LAA	7						
C	21% AMMON.SULFATE	17.0	PMG	7						
D	X-77	0.5	PMV	7						
E	PURSUIT (2SL)	0.063	LAA	10						
F	SUNIT II	1.00	PMV	10						
G	FERTILIZER - 28%UAN	1.25	PMV	10						
4A	SENCOR (75WG)	0.141	LAA	7	12	85	53	76	58	92
B	GRAMOXONE EXTRA (2.5SL)	0.31	LAA	7						
C	X-77	0.25	PMV	7						
D	PURSUIT (2SL)	0.063	LAA	10						
E	SUNIT II	1.00	PMV	10						
F	FERTILIZER - 28%UAN	1.25	PMV	10						
5A	SENCOR (75WG)	0.141	LAA	7	25	85	78	83	57	77
B	GRAMOXONE EXTRA (2.5SL)	0.47	LAA	7						
C	X-77	0.25	PMV	7						
D	PURSUIT (2SL)	0.063	LAA	10						
E	SUNIT II	1.00	PMV	10						
F	FERTILIZER - 28%UAN	1.25	PMV	10						
6A	SENCOR (75WG)	0.3	LAA	14	17	88	97	94	75	96
B	2.4-D LVE (3.8EC)	0.5	LAA	14						
C	COC	1.00	PMV	14						
D	PURSUIT (2SL)	0.063	LAA	10						
E	SUNIT II	1.00	PMV	10						
F	FERTILIZER - 28%UAN	2.5	PMV	10						
7A	PROWL (3.3EC)	1.25	LAA	14	18	83	85	93	70	94
B	2.4-D LVE (3.8EC)	0.5	LAA	14						
C	PURSUIT (2SL)	0.063	LAA	10						
D	SUNIT II	1.00	PMV	10						
E	FERTILIZER - 28%UAN	2.5	PMV	10						
8A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	14	18	78	93	95	68	95
B	2.4-D LVE (3.8EC)	0.5	LAA	14						
C	X-77	0.125	PMV	14						
D	FUSION (2.66EC)	0.187	LAA	10						
E	REFLEX (2SL)	0.25	LAA	10						
F	BASAGRAN (4SL)	0.25	LAA	10						
G	METH-OIL	1.00	PMV	10						
H	FERTILIZER - 28%UAN	2.5	PMV	10						

TITLE: SOYBEAN NO-TILL 3

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/17	SETFA 6/17	POLPY 6/17	CHEAL 6/17	IPOHE 6/17	ERICA 6/17
9A	GRAMOXONE EXTRA (2.5SL)	0.75	LAA	14	23	90	92	95	72	93
B	2.4-D LVE (3.8EC)	0.5	LAA	14						
C	X-77	0.125	PMV	14						
D	FUSION (2.66EC)	0.187	LAA	10						
E	REFLEX (2SL)	0.25	LAA	10						
F	BASAGRAN (4SL)	0.25	LAA	10						
G	METH-OIL	1.00	PMV	10						
H	FERTILIZER - 28%UAN	2.5	PMV	10						
10A	FUSION (2.66EC)	0.083	LAA	14	35	80	78	91	48	89
B	2.4-D LVE (3.8EC)	0.5	LAA	14						
C	COC	1.00	PMV	14						
D	FUSION (2.66EC)	0.187	LAA	10						
E	REFLEX (2SL)	0.25	LAA	10						
F	BASAGRAN (4SL)	0.25	LAA	10						
G	METH-OIL	1.00	PMV	10						
H	FERTILIZER - 28%UAN	2.5	PMV	10						
11A	TOUCHDOWN (6SL)	0.5	LAA	14	25	78	80	92	55	95
B	2.4-D LVE (3.8EC)	0.5	LAA	14						
C	X-77	0.25	PMV	14						
D	FUSION (2.66EC)	0.187	LAA	10						
E	REFLEX (2SL)	0.25	LAA	10						
F	BASAGRAN (4SL)	0.25	LAA	10						
G	METH-OIL	1.00	PMV	10						
H	FERTILIZER - 28%UAN	2.5	PMV	10						
12A	ROUNDUP (3SL)	0.38	LAA	14	30	82	90	84	75	96
B	2.4-D LVE (3.8EC)	0.5	LAA	14						
C	X-77	0.125	PMV	14						
D	FUSION (2.66EC)	0.187	LAA	10						
E	REFLEX (2SL)	0.25	LAA	10						
F	BASAGRAN (4SL)	0.25	LAA	10						
G	METH-OIL	1.00	PMV	10						
H	FERTILIZER - 28%UAN	2.5	PMV	10						
13A	POAST PLUS (1EC)	0.05	LAA	14	32	90	83	92	65	95
B	2.4-D LVE (3.8EC)	0.5	LAA	14						
C	COC	1.00	PMV	14						
D	GALAXY (3.67SL)	0.92	LAA	10						
E	POAST PLUS (1EC)	0.188	LAA	10						
F	SYLGARD	0.25	PMV	10						
14A	PROWL (3.3EC)	1.25	LAA	14	5	83	84	93	62	96
B	2.4-D LVE (3.8EC)	0.5	LAA	14						
C	POAST PLUS (1EC)	0.063	LAA	14						
D	COC	1.00	PMV	14						
15A	ROUNDUP (3SL)	0.38	LAA	14	0	78	88	93	53	95
B	2.4-D LVE (3.8EC)	0.5	LAA	14						
D	X-77	0.5	PMV	14						
16A	UNTREATED CHECK	0.00	NA	0	0	0	0	0	0	0
	LSD (0.05)				12	7	10	11	17	24

-CONTINUED-

TITLE: SOYBEAN NO-TILL 3

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/30	SETFA 6/30	POLPY 6/30	CHEAL 6/30	IPOHE 6/30	ERICA 6/30
1A	SENCOR (75WG)	0.094	LAA	14	22	88	94	95	75	95
B	POAST PLUS (1EC)	0.063	LAA	14						
C	2.4-D LVE (3.8EC)	0.5	LAA	14						
D	COC	1.00	PMV	14						
E	GALAXY (3.67SL)	0.92	LAA	10						
F	POAST PLUS (1EC)	0.188	LAA	10						
G	SYLGARD	0.25	PMV	10						
2A	SENCOR (75WG)	0.188	LAA	14	27	90	94	95	82	96
B	ROUNDUP (3SL)	0.188	LAA	14						
C	2.4-D LVE (3.8EC)	0.5	LAA	14						
D	21% AMMON.SULFATE	17.0	PMG	14						
E	X-77	0.5	PMV	14						
F	GALAXY (3.67SL)	0.92	LAA	10						
G	POAST PLUS (1EC)	0.188	LAA	10						
H	SYLGARD	0.25	PMV	10						
3A	SENCOR (75WG)	0.094	LAA	7	0	77	62	68	58	87
B	ROUNDUP (3SL)	0.38	LAA	7						
C	21% AMMON.SULFATE	17.0	PMG	7						
D	X-77	0.5	PMV	7						
E	PURSUIT (2SL)	0.063	LAA	10						
F	SUNIT II	1.00	PMV	10						
G	FERTILIZER - 28%UAN	1.25	PMV	10						
4A	SENCOR (75WG)	0.141	LAA	7	17	89	83	82	75	93
B	GRAMOXONE EXTRA (2.5SL)	0.31	LAA	7						
C	X-77	0.25	PMV	7						
D	PURSUIT (2SL)	0.063	LAA	10						
E	SUNIT II	1.00	PMV	10						
F	FERTILIZER - 28%UAN	1.25	PMV	10						
5A	SENCOR (75WG)	0.141	LAA	7	22	91	92	88	85	92
B	GRAMOXONE EXTRA (2.5SL)	0.47	LAA	7						
C	X-77	0.25	PMV	7						
D	PURSUIT (2SL)	0.063	LAA	10						
E	SUNIT II	1.00	PMV	10						
F	FERTILIZER - 28%UAN	1.25	PMV	10						
6A	SENCOR (75WG)	0.3	LAA	14	13	94	95	96	91	96
B	2.4-D LVE (3.8EC)	0.5	LAA	14						
C	COC	1.00	PMV	14						
D	PURSUIT (2SL)	0.063	LAA	10						
E	SUNIT II	1.00	PMV	10						
F	FERTILIZER - 28%UAN	2.5	PMV	10						
7A	PROWL (3.3EC)	1.25	LAA	14	18	91	88	94	87	96
B	2.4-D LVE (3.8EC)	0.5	LAA	14						
C	PURSUIT (2SL)	0.063	LAA	10						
D	SUNIT II	1.00	PMV	10						
E	FERTILIZER - 28%UAN	2.5	PMV	10						
8A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	14	18	93	95	96	89	97
B	2.4-D LVE (3.8EC)	0.5	LAA	14						
C	X-77	0.125	PMV	14						
D	FUSION (2.66EC)	0.187	LAA	10						
E	REFLEX (2SL)	0.25	LAA	10						
F	BASAGRAN (4SL)	0.25	LAA	10						
G	METH-OIL	1.00	PMV	10						
H	FERTILIZER - 28%UAN	2.5	PMV	10						

TITLE: **SOYBEAN NO-TILL 3**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/30	SETFA 6/30	POLPY 6/30	CHEAL 6/30	IPOHE 6/30	ERICA 6/30
9A	GRAMOXONE EXTRA (2.5SL)	0.75	LAA	14	18	96	97	97	87	96
B	2.4-D LVE (3.8EC)	0.5	LAA	14						
C	X-77	0.125	PMV	14						
D	FUSION (2.66EC)	0.187	LAA	10						
E	REFLEX (2SL)	0.25	LAA	10						
F	BASAGRAN (4SL)	0.25	LAA	10						
G	METH-OIL	1.00	PMV	10						
H	FERTILIZER - 28%UAN	2.5	PMV	10						
10A	FUSION (2.66EC)	0.083	LAA	14	32	95	95	95	82	93
B	2.4-D LVE (3.8EC)	0.5	LAA	14						
C	COC	1.00	PMV	14						
D	FUSION (2.66EC)	0.187	LAA	10						
E	REFLEX (2SL)	0.25	LAA	10						
F	BASAGRAN (4SL)	0.25	LAA	10						
G	METH-OIL	1.00	PMV	10						
H	FERTILIZER - 28%UAN	2.5	PMV	10						
11A	TOUCHDOWN (6SL)	0.5	LAA	14	23	96	92	92	88	95
B	2.4-D LVE (3.8EC)	0.5	LAA	14						
C	X-77	0.25	PMV	14						
D	FUSION (2.66EC)	0.187	LAA	10						
E	REFLEX (2SL)	0.25	LAA	10						
F	BASAGRAN (4SL)	0.25	LAA	10						
G	METH-OIL	1.00	PMV	10						
H	FERTILIZER - 28%UAN	2.5	PMV	10						
12A	ROUNDUP (3SL)	0.38	LAA	14	28	94	97	96	89	96
B	2.4-D LVE (3.8EC)	0.5	LAA	14						
C	X-77	0.125	PMV	14						
D	FUSION (2.66EC)	0.187	LAA	10						
E	REFLEX (2SL)	0.25	LAA	10						
F	BASAGRAN (4SL)	0.25	LAA	10						
G	METH-OIL	1.00	PMV	10						
H	FERTILIZER - 28%UAN	2.5	PMV	10						
13A	POAST PLUS (1EC)	0.05	LAA	14	27	96	97	97	88	96
B	2.4-D LVE (3.8EC)	0.5	LAA	14						
C	COC	1.00	PMV	14						
D	GALAXY (3.67SL)	0.92	LAA	10						
E	POAST PLUS (1EC)	0.188	LAA	10						
F	SYLGARD	0.25	PMV	10						
14A	PROWL (3.3EC)	1.25	LAA	14	3	95	83	85	78	95
B	2.4-D LVE (3.8EC)	0.5	LAA	14						
C	POAST PLUS (1EC)	0.063	LAA	14						
D	COC	1.00	PMV	14						
15A	ROUNDUP (3SL)	0.38	LAA	14	0	72	77	83	40	87
B	2.4-D LVE (3.8EC)	0.5	LAA	14						
D	X-77	0.5	PMV	14						
16A	UNTREATED CHECK	0.00	NA	0	0	0	0	0	0	0
	LSD (0.05)				7	6	10	7	11	6

TITLE:SOYPP11

SOIL INFORMATION

TEXTURE: SICL
PH: 6.3
% OM: 6.0
PREV.CROP:ZEAMD-CORN,DENT
PLOT WIDTH: 10.00 FT
PLOT LENGTH: 38.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS:3

APPLICATIONS

NUMBER:	/--01--\	/--02--\	UNIT
TYPE:	L	L	
APPL. DATE:	05/18	06/14	MDY
TIME - BEGIN:	09:15	09:00	
AIR TEMP.:	65	83	F°
REL. HUMID.:	40	80	%
WIND DIR.:	N	S	
WIND SPEED:	3.0	5.0	MPH
SKY COND.:	S	S	
LEAF MOIST:	D	D	
ROOT MOIST:	M	M	
SOIL TEMP.:	57	77	4 INCH
METHOD:	SP	SP	
EQUIPMENT:	BAC	BAC	
PROPELLANT:	CO2	CO2	
PLACEMENT:	BC	BC	
NOZZLE:	FF	FF	
NOZZLE NUMBER:	6	6	
NOZZLE SPACING:	20.0	20.0	IN
SWATH WIDTH:	10.0	10.0	FT
BOOM HEIGHT:	20.0	20.0	IN
SPEED:	3.00	3.00	MPH
MIX SIZE:	0.54	0.54	
MIX SIZE UNIT:	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	
VOLUME UNIT:	GPA	GPA	
PRESSURE:	32.00	42.00	PSI
DILUENT:	WAT	WAT	
INC. DATE:	05/18	-	
INC. START:	10:45	-	
INC. END:	11:15	-	
INC. DEPTH:	2	-	IN
INC. EQUIPMENT:	CFD	-	
TIMINGS:	05	10	

* TIMING CODES
05 = PPI
10 = POST

SPECIES STAGES

SPECIES:01 P GLXMA
COMMON NAME:SOYBEAN
TARGET:CROP
CULTIVAR:ELGIN

POPULATION: BU./A PLANTING DATE:05/19

PLANTING DEPTH:1.0 IN ROW WIDTH:30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14	12	NA	5.00	5.00	5.00 IN

SPECIES:02 P SETFA
COMMON NAME:FOXTAIL, GIANT
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14	13	H	3.00	3.00	3.00 IN

SPECIES:03 P AMACH
COMMON NAME:PIGWEEED, SMOOTH
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14	15	H	2.00	2.00	2.00 IN

SPECIES:04 P PHBPU
COMMON NAME:MORNINGGLORY, TALL
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14	13	H	2.00	2.00	2.00 IN

* STAGE CODE

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

NA = NOT APPLICABLE / NOT AVAILABLE

TITLE:SOYPP11

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	SETFA 6/17	AMACH 6/17	PHBPU 6/17	SETFA 6/30	AMACH 6/30	PHBPU 6/30
1A	TREFLAN MTF(4EC)	0.75	LAA	5	98	99	47	97	99	53
2A	PROWL (3.3EC)	1.25	LAA	5	97	99	47	93	99	40
3A	DUAL II (7.8EC)	2.0	LAA	5	99	99	0	96	99	0
4A	COMMAND (4EC)	0.75	LAA	5	99	50	0	98	60	0
5A	SENCOR (75WG)	0.375	LAA	5	7	90	0	0	83	0
6A	F-6285 (75WG)	0.375	LAA	5	40	99	87	27	93	86
7A	COMMENCE (5.25EC)	1.48	LAA	5	96	99	88	96	99	70
8A	CANOPY (75WG)	0.28	LAA	5	40	99	80	37	99	80
9A	CANOPY (75WG)	0.28	LAA	5	96	99	99	95	99	95
B	TREFLAN MTF (4EC)	0.75	LAA	5						
10A	SALUTE (4EC)	1.25	LAA	5	97	99	47	96	99	70
11A	PURSUIT PLUS (2.9EC)	0.91	LAA	5	99	99	96	99	99	96
12A	UNTREATED CHECK	0.00	NA	0	0	0	0	0	0	0
13A	BROADSTRK.+TREF(3.65EC)	0.91	LAA	5	96	99	83	95	99	82
14A	BROADSTRIKE+DUAL(7.67L)	2.4	LAA	5	99	99	57	94	99	40
15A	COMMAND (4EC)	0.75	LAA	5	93	99	87	87	87	77
B	F-6285 (75WG)	0.313	LAA	5						
16A	COMMAND (4EC)	0.75	LAA	5	98	80	93	97	86	92
B	F-6285 (75WG)	0.375	LAA	5						
17A	TREFLAN MTF (4EC)	0.75	LAA	5	96	99	83	91	99	87
B	F-6285 (75WG)	0.313	LAA	5						
18A	TREFLAN MTF (4EC)	0.75	LAA	5	90	99	85	82	99	78
B	F-6285 (75WG)	0.375	LAA	5						
19A	COMMAND (4EC)	0.75	LAA	5	99	99	0	95	99	0
B	SENCOR (75WG)	0.375	LAA	5						
20A	COMMAND (4EC)	0.38	LAA	5	98	99	88	97	99	80
B	SALUTE (4EC)	1.25	LAA	5						
21A	SENCOR (75WG)	0.25	LAA	5	99	99	95	99	99	97
B	PURSUIT PLUS (2.9EC)	0.94	LAA	5						
22A	SALUTE (4EC)	1.25	LAA	5	99	99	95	97	99	93
B	CANOPY (75WG)	0.14	LAA	5						
23A	TREFLAN MTF(4EC)	0.75	LAA	5	98	99	99	93	98	95
B	GALAXY (3.67SL)	0.91	LAA	10						
C	COC	1.00	PMV	10						
D	FERTILIZER - 28%UAN	2.5	PMV	10						
24A	BROADSTRK.+TREF(3.65EC)	0.91	LAA	5	98	99	99	95	99	97
B	GALAXY (3.67SL)	0.91	LAA	10						
C	COC	1.00	PMV	10						
D	FERTILIZER - 28%UAN	2.5	PMV	10						

TITLE: **SOYPP11**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	SETFA 6/17	AMACH 6/17	PHBPU 6/17	SETFA 6/30	AMACH 6/30	PHBPU 6/30
25A	BROADSTRIKE+DUAL (7.67L)	2.4	LAA	5	99	99	99	93	99	94
B	GALAXY (3.67SL)	0.91	LAA	10						
C	COC	1.00	PMV	10						
D	FERTILIZER - 28%UAN	2.5	PMV	10						
26A	TREFLAN MTF (4EC)	0.75	LAA	5	93	99	87	99	99	83
B	CONCERT (25DF)	0.008	LAA	10						
C	ASSURE II (0.8EC)	0.034	LAA	10						
D	X-77	0.125	PMV	10						
E	FERTILIZER - 28%UAN	2.5	PMV	10						
27A	COMMAND (4EC)	0.75	LAA	5	95	99	93	95	99	60
B	GALAXY (3.67SL)	0.91	LAA	10						
C	COC	1.00	PMV	10						
D	FERTILIZER - 28%UAN	2.5	PMV	10						
28A	COMMAND (4EC)	0.75	LAA	5	96	99	40	98	99	50
B	PURSUIT (2SL)	0.031	LAA	10						
C	X-77	0.25	PMV	10						
D	FERTILIZER - 28%UAN	2.5	PMV	10						
	LSD (0.05)				7	4	10	6	6	10

TITLE:SOYPRE1

SOIL INFORMATION

TEXTURE: SIL
 PH: 5.7
 % OM: 4.7
 PREV.CROP:ZEAMD-CORN,DENT
 PLOT WIDTH: 10.00 FT
 PLOT LENGTH: 39.00 FT

TRIAL INFORMATION

DESIGN:RCB
 REPS:3

APPLICATIONS

NUMBER:	/--01--\	/--02--\	UNIT
TYPE:	L	L	
APPL. DATE:	05/20	06/14	MDY
TIME - BEGIN:	02:30	09:15	
AIR TEMP.:	80	84	F°
REL. HUMID.:	55	75	%
WIND DIR.:	-	S	
WIND SPEED:	0.0	5.0	MPH
SKY COND.:	S	S	
LEAF MOIST:	D	D	
ROOT MOIST:	M	M	
SOIL TEMP.:	64	78	4 INCH
METHOD:	SP	SP	
EQUIPMENT:	BAC	BAC	
PROPELLANT:	CO2	CO2	
PLACEMENT:	BC	BC	
NOZZLE:	FF	FF	
NOZZLE NUMBER:	6	6	
NOZZLE SPACING:	20.0	20.0	IN
SWATH WIDTH:	10.0	10.0	FT
BOOM HEIGHT:	20.0	20.0	IN
SPEED:	3.00	3.00	MPH
MIX SIZE:	0.56	0.56	
MIX SIZE UNIT:	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	
VOLUME UNIT:	GPA	GPA	
PRESSURE:	32.00	42.00	PSI
DILUENT:	WAT	WAT	
TIMINGS:	07	10	

* TIMING CODES
 07 = PRE
 10 = POST

SPECIES STAGES

SPECIES	POPULATION	STAGE ON	STAGE CODE	COMMON NAME	PLANTING DATE	PLANTING DEPTH	TARGET	CROP	CULTIVAR	ROW WIDTH
SPECIES:01	P GLXMA	06/14	12	COMMON NAME:SOYBEAN	05/20	1.0 IN	CROP		ELGIN	30.0 IN
							POP.GEN.	MN SIZE	MX SIZE	AV SIZE
							NA	5.00	5.00	5.00 IN
SPECIES:02	P SETFA	06/14	12	COMMON NAME:FOXTAIL, GIANT			PEST			
							H	2.00	2.00	2.00 IN
SPECIES:03	P PHBPU	06/14	12	COMMON NAME:MORNINGGLORY, TALL			PEST			
							H	2.00	2.00	2.00 IN

* STAGE CODE
 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: **SOYPRE1**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/17	SETFA 6/17	PHBPU 6/17	INJ 6/30	SETFA 6/30	PHBPU 6/30
1A	DUAL II (7.8EC)	2.0	LAA	7	0	83	0	0	80	0
2A	FRONTIER (7.5EC)	1.17	LAA	7	0	93	0	0	88	0
3A	LASSO MICRO-TECH (4CS)	2.5	LAA	7	0	96	0	0	85	0
4A	FRONTIER (7.5EC)	1.17	LAA	7	0	99	77	0	93	83
B	CANOPY (75WG)	0.28	LAA	7						
5A	DUAL II (7.8EC)	2.0	LAA	7	0	99	83	0	92	88
B	CANOPY (75WG)	0.28	LAA	7						
6A	LASSO MICRO-TECH (4CS)	2.5	LAA	7	0	99	87	0	93	92
B	CANOPY (75WG)	0.28	LAA	7						
7A	UNTREATED CHECK	0.00	NA	-	0	0	0	0	0	0
8A	TURBO (8EC)	2.0	LAA	7	0	99	0	0	82	0
9A	LASSO MICRO-TECH (4CS)	2.5	LAA	7	0	99	0	0	85	0
B	SENCOR (75WG)	0.375	LAA	7						
10A	PURSUIT PLUS (2.9EC)	0.94	LAA	7	0	99	87	0	96	92
11A	PURSUIT (2SL)	0.063	LAA	7	0	96	98	0	93	95
12A	BROADSTRIKE+DUAL(7.67L)	2.4	LAA	7	0	98	85	0	88	82
13A	FRONTIER (7.5EC)	1.17	LAA	7	0	99	96	0	93	92
B	F-6285 (75WG)	0.313	LAA	7						
14A	FRONTIER (7.5EC)	1.17	LAA	7	0	99	93	0	93	92
B	F-6285 (75WG)	0.375	LAA	7						
15A	DUAL II (7.8EC)	2.0	LAA	7	0	96	83	0	85	92
B	F-6285 (75WG)	0.313	LAA	7						
16A	DUAL II (7.8EC)	2.0	LAA	7	0	99	95	0	82	90
B	F-6285 (75WG)	0.375	LAA	7						
17A	FRONTIER (7.5EC)	1.17	LAA	7	20	99	99	13	92	78
B	GALAXY (3.67SL)	0.92	LAA	10						
C	COC	1.00	PMV	10						
D	FERTILIZER - 28%UAN	2.5	PMV	10						
18A	DUAL II (7.8EC)	2.0	LAA	7	20	99	93	13	85	75
B	GALAXY (3.67SL)	0.92	LAA	10						
C	COC	1.00	PMV	10						
D	FERTILIZER - 28%UAN	2.5	PMV	10						
19A	LASSO MICRO-TECH (4CS)	2.5	LAA	7	20	99	95	10	90	78
B	GALAXY (3.67SL)	0.92	LAA	10						
C	COC	1.00	PMV	10						
D	FERTILIZER - 28%UAN	2.5	PMV	10						
20A	BROADSTRIKE+DUAL(7.67L)	2.4	LAA	7	20	96	99	15	92	95
B	GALAXY (3.67SL)	0.92	LAA	10						
C	COC	1.00	PMV	10						
D	FERTILIZER - 28%UAN	2.5	PMV	10						
	LSD (0.05)				0	4	8	2	7	6

TITLE: STS SOYBEAN POSTEMERGENCE WEED CONTROL

SOIL INFORMATION

TEXTURE: SIL
PH: 5.7
% OM: 4.7
PREV. CROP: ZEAMD-CORN, DENT
PLOT WIDTH: 10.00 FT
PLOT LENGTH: 39.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS: 3

APPLICATIONS

NUMBER: /--01--\ UNIT
TYPE: L
APPL. DATE: 06/08 MDY
TIME - BEGIN: 05:00
AIR TEMP.: 72 F°
REL. HUMID.: 65
WIND DIR.: S
WIND SPEED: 3.0 MPH
SKY COND.: C
LEAF MOIST: D
ROOT MOIST: M
METHOD: SP
EQUIPMENT: BAC
PROPELLANT: CO2
PLACEMENT: BC
NOZZLE: FF
NOZZLE NUMBER: 6
NOZZLE SPACING: 20.0 IN
SWATH WIDTH: 10.0 FT
BOOM HEIGHT: 20.0 IN
SPEED: 3.00 MPH
MIX SIZE: 0.56
MIX SIZE UNIT: GAL
SPRAY VOLUME: 20.00
VOLUME UNIT: GPA
PRESSURE: 42.00 PSI
DILUENT: WAT

TIMINGS: 09

* TIMING CODES
09 = EARLY POST

** BLANKET APPLICATION OF 0.188LB POAST PLUS ON JUNE 17.

SPECIES STAGES

SPECIES:01 P GLXMA

COMMON NAME:SOYBEAN

TARGET:CROP

CULTIVAR:ASGROW 3304STS

POPULATION: BU./A

PLANTING DATE:05/20

PLANTING DEPTH:1.0 IN

ROW WIDTH:30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/08	11	NA	4.00	4.00	4.00 IN

SPECIES:02 P ABUTH

COMMON NAME:VELVETLEAF

TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/08	12	H	1.00	2.00	1.50 IN

SPECIES:03 P IPOHE

COMMON NAME:MORNINGGLORY, IVYLEAF

TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/08	12	H	1.00	2.00	1.50 IN

SPECIES:04 P AMACH

COMMON NAME:PIGWEEED, SMOOTH

TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/08	13	H	1.00	1.00	1.00 IN

SPECIES:05 P SETFA

COMMON NAME:FOXTAIL, GIANT

TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/08	11	H	1.00	1.00	1.00 IN

* STAGE CODE

11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: STS SOYBEAN POSTEMERGENCE WEED CONTROL

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/17	ABUTH 6/17	IPOHE 6/17	AMACH 6/17	SETFA 6/17
1A	KU253 (42WG)	0.013	LAA	9	0	98	65	99	0
B	COC	1.00	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
2A	KU253 (42WG)	0.02	LAA	9	1	99	63	99	0
B	COC	1.00	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
3A	KU253 (42WG)	0.013	LAA	9	3	99	65	98	83
B	ASSURE II (0.8EC)	0.055	LAA	9					
C	COC	1.00	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
4A	KU253 (42WG)	0.013	LAA	9	2	96	72	99	84
B	POAST PLUS (1EC)	0.188	LAA	9					
C	COC	1.00	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
5A	CLASSIC (25WG)	0.008	LAA	9	0	98	58	98	0
B	COC	1.00	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
6A	CONCERT (25WG)	0.008	LAA	9	0	94	62	99	0
B	COC	1.00	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
7A	CONCERT (25WG)	0.01	LAA	9	0	98	70	99	0
B	COC	1.00	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
8A	CONCERT (25WG)	0.008	LAA	9	0	95	65	99	85
B	ASSURE II (0.8EC)	0.055	LAA	9					
C	COC	1.00	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
9A	PURSUIT (2SL)	0.063	LAA	9	13	99	68	99	78
B	SUNIT II	1.00	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
10A	GALAXY (3.67EC)	0.92	LAA	9	6	99	95	99	90
B	POAST PLUS (1EC)	0.188	LAA	9					
C	KINETIC	0.125	PMV	9					
11A	PURSUIT (2SL)	0.063	LAA	9	13	94	70	99	78
B	PINNACLE (25WG)	0.002	LAA	9					
C	X-77	0.25	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
12A	PURSUIT (2SL)	0.063	LAA	9	13	98	65	99	78
B	PINNACLE (25WG)	0.004	LAA	9					
C	X-77	0.25	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
13A	BEACON (75WG)	0.036	LAA	9	22	98	63	99	47
B	COC	1.00	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
14A	PERMIT (75WG)	0.031	LAA	9	12	99	48	99	0
B	X-77	0.25	PMV	9					
15A	EXCEED (57WG)	0.027	LAA	9	62	99	70	99	0
B	X-77	0.25	PMV	9					
16A	HAND WEEDED	-	-	-	0	99	99	99	99

TITLE: STS SOYBEAN POSTEMERGENCE WEED CONTROL

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/17	ABUTH 6/17	IPOHE 6/17	AMACH 6/17	SETFA 6/17
17A	UNTREATED CHECK	0.00	NA	-	0	0	0	0	0
	LSD (0.05)				6	5	7	1	16

TITLE: STS SOYBEAN POSTEMERGENCE WEED CONTROL

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/05	ABUTH 7/05	IPOHE 7/05	AMACH 7/05	BU/A 10/03
1A	KU253 (42WG)	0.013	LAA	9	0	98	63	99	39.3
B	COC	1.00	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
2A	KU253 (42WG)	0.02	LAA	9	0	98	67	99	38.7
B	COC	1.00	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
3A	KU253 (42WG)	0.013	LAA	9	0	98	58	98	41.1
B	ASSURE II (0.8EC)	0.055	LAA	9					
C	COC	1.00	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
4A	KU253 (42WG)	0.013	LAA	9	0	95	68	99	38.9
B	POAST PLUS (1EC)	0.188	LAA	9					
C	COC	1.00	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
5A	CLASSIC (25WG)	0.008	LAA	9	0	92	57	96	39.8
B	COC	1.00	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
6A	CONCERT (25WG)	0.008	LAA	9	0	96	60	99	42.1
B	COC	1.00	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
7A	CONCERT (25WG)	0.01	LAA	9	0	95	62	99	35.2
B	COC	1.00	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
8A	CONCERT (25WG)	0.008	LAA	9	0	96	58	99	43.9
B	ASSURE II (0.8EC)	0.055	LAA	9					
C	COC	1.00	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
9A	PURSUIT (2SL)	0.063	LAA	9	1	98	77	99	32.3
B	SUNIT II	1.00	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
10A	GALAXY (3.67EC)	0.92	LAA	9	0	94	77	98	37.6
B	POAST PLUS (1EC)	0.188	LAA	9					
C	KINETIC	0.125	PMV	9					
11A	PURSUIT (2SL)	0.063	LAA	9	0	98	75	99	38.7
B	PINNACLE (25WG)	0.002	LAA	9					
C	X-77	0.25	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
12A	PURSUIT (2SL)	0.063	LAA	9	1	97	76	98	37.8
B	PINNACLE (25WG)	0.004	LAA	9					
C	X-77	0.25	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					

TITLE: STS SOYBEAN POSTEMERGENCE WEED CONTROL

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/05	ABUTH 7/05	IPOHE 7/05	AMACH 7/05	BU/A 10/03
13A	BEACON (75WG)	0.036	LAA	9	2	95	45	98	40.8
B	COC	1.00	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
14A	PERMIT (75WG)	0.031	LAA	9	0	99	45	97	35.2
B	X-77	0.25	PMV	9					
15A	EXCEED (57WG)	0.027	LAA	9	88	98	78	98	13.3
B	X-77	0.25	PMV	9					
16A	HAND WEEDED	-	-	-	0	99	99	99	42.7
17A	UNTREATED CHECK	0.00	NA	-	0	0	0	0	36.2
	LSD (0.05)				2	5	9	2	7

TITLE: ROUNDUP READY SOYBEAN TIMING STUDY

SOIL INFORMATION

TEXTURE: SIL
 PH: 5.7
 % OM: 4.7
 PREV. CROP: ZEAMD-CORN, DENT
 PLOT WIDTH: 10.00 FT
 PLOT LENGTH: 20.00 FT

TRIAL INFORMATION

DESIGN: RCB
 REPS: 4

APPLICATIONS

	/--01--\	/--02--\	UNIT
NUMBER:	L	L	
TYPE:	L	L	
APPL. DATE:	06/14	06/20	MDY
TIME - BEGIN:	05:15	03:00	
AIR TEMP.:	73	93	F°
REL. HUMID.:	80	85	%
WIND DIR.:	S	W	
WIND SPEED:	3.0	2.0	MPH
SKY COND.:	C	S	
LEAF MOIST:	D	D	
ROOT MOIST:	M	M	
SOIL TEMP.:	77	87	4 INCH
METHOD:	SP	SP	
EQUIPMENT:	BAC	BAC	
PROPELLANT:	CO2	CO2	
PLACEMENT:	BC	BC	
NOZZLE:	FF	FF	
NOZZLE NUMBER:	6	6	
NOZZLE SPACING:	20.0	20.0	IN
SWATH WIDTH:	10.0	10.0	FT
BOOM HEIGHT:	20.0	20.0	IN
SPEED:	3.00	3.00	MPH
MIX SIZE:	0.16	0.16	
MIX SIZE UNIT:	GAL	GAL	
SPRAY VOLUME:	10.00	10.00	
VOLUME UNIT:	GPA	GPA	
PRESSURE:	42.00	42.00	PSI
DILUENT:	WAT	WAT	
TIMINGS:	10	11	

* TIMING CODES
 10 = POST
 11 = LATE POST

SPECIES STAGES

SPECIES:01 P GLXMA
COMMON NAME:SOYBEAN
TARGET:CROP

CULTIVAR:ROUNDUP RESISTANT SOYBEAN
POPULATION: 150,000/A PLANTING DATE:05/24
PLANTING DEPTH:1.0 IN ROW WIDTH:30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14	11	NA	4.00	4.00	4.00 IN
06/20	12	NA	5.00	5.00	5.00 IN

SPECIES:02 P SETFA
COMMON NAME:FOXTAIL, GIANT
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14	12	H	2.00	4.00	3.00 IN
06/20	13	H	5.00	5.00	5.00 IN

SPECIES:03 P ABUTH
COMMON NAME:VELVETLEAF
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14	12	H	1.00	2.00	1.50 IN
06/20	13	H	2.00	2.00	2.00 IN

SPECIES:04 P PHBPU
COMMON NAME:MORNINGGLORY, TALL
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14	13	H	2.00	3.00	2.50 IN
06/20	15	H	3.00	4.00	3.50 IN

*** STAGE CODE**

- 11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
- 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: **ROUNDUP READY SOYBEAN TIMING STUDY**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/24	SETFA 6/24	ABUTH 6/24	PHBPU 6/24
1A	ROUNDUP (3SL)	0.28	LAA	10	0	95	90	82
B	X-77	0.5	PMV	10				
2A	ROUNDUP (3SL)	0.38	LAA	10	0	96	96	75
B	X-77	0.5	PMV	10				
3A	ROUNDUP (3SL)	0.56	LAA	10	0	98	91	70
B	X-77	0.5	PMV	10				
4A	ROUNDUP (3SL)	0.75	LAA	10	0	98	96	70
B	X-77	0.5	PMV	10				
5A	UNTREATED CHECK	0.00	NA	-	0	0	0	0
6A	ROUNDUP (3SL)	0.56	LAA	10	0	99	96	82
B	X-77	0.5	PMV	10				
C	ROUNDUP (3SL)	0.38	LAA	11				
D	X-77	0.5	PMV	11				
7A	ROUNDUP (3SL)	0.56	LAA	10	0	99	98	87
B	X-77	0.5	PMV	10				
C	ROUNDUP (3SL)	0.56	LAA	11				
D	X-77	0.5	PMV	11				
8A	ROUNDUP (3SL)	0.38	LAA	11	0	51	43	37
B	X-77	0.5	PMV	11				
9A	ROUNDUP (3SL)	0.56	LAA	11	0	33	23	15
B	X-77	0.5	PMV	11				
10A	ROUNDUP (3SL)	0.75	LAA	11	0	28	22	17
B	X-77	0.5	PMV	11				
11A	PURSUIT (2SL)	0.063	LAA	10	0	75	98	73
B	X-77	0.25	PMV	10				
C	FERTILIZER - 28%UAN	2.5	PMV	10				
12A	HAND WEEDED	-	-	-	0	99	99	99
	LSD (0.05)				0	23	21	21

-CONTINUED-

TITLE: ROUNDUP READY SOYBEAN TIMING STUDY

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/09	SETFA 7/09	ABUTH 7/09	PHBPU 7/09	BU/A 9/29
1A	ROUNDUP (3SL)	0.28	LAA	10	0	68	92	65	21.6
B	X-77	0.5	PMV	10					
2A	ROUNDUP (3SL)	0.38	LAA	10	0	72	90	70	28.3
B	X-77	0.5	PMV	10					
3A	ROUNDUP (3SL)	0.56	LAA	10	0	78	93	35	17.6
B	X-77	0.5	PMV	10					
4A	ROUNDUP (3SL)	0.75	LAA	10	0	70	95	55	21.0
B	X-77	0.5	PMV	10					
5A	UNTREATED CHECK	0.00	NA	-	0	0	0	0	9.6
6A	ROUNDUP (3SL)	0.56	LAA	10	0	70	93	75	25.0
B	X-77	0.5	PMV	10					
C	ROUNDUP (3SL)	0.38	LAA	11					
D	X-77	0.5	PMV	11					
7A	ROUNDUP (3SL)	0.56	LAA	10	0	77	93	85	29.9
B	X-77	0.5	PMV	10					
C	ROUNDUP (3SL)	0.56	LAA	11					
D	X-77	0.5	PMV	11					
8A	ROUNDUP (3SL)	0.38	LAA	11	0	83	90	72	28.1
B	X-77	0.5	PMV	11					
9A	ROUNDUP (3SL)	0.56	LAA	11	0	93	93	80	26.9
B	X-77	0.5	PMV	11					
10A	ROUNDUP (3SL)	0.75	LAA	11	0	92	96	57	19.3
B	X-77	0.5	PMV	11					
11A	PURSUIT (2SL)	0.063	LAA	10	0	63	90	53	24.9
B	X-77	0.25	PMV	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
12A	HAND WEEDED	-	-	-	0	99	99	99	41.3
	LSD (0.05)				0	17	6	29	9

TITLE: ROUNDUP READY SOYBEAN TANK-MIX STUDY

SOIL INFORMATION

TEXTURE: SIL
PH: 5.7
% OM: 4.7
PREV.CROP: ZEAMD-CORN, DENT
PLOT WIDTH: 10.00 FT
PLOT LENGTH: 20.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS: 4

APPLICATIONS

NUMBER:	/--01--\	/--02--\	UNIT
TYPE:	L	L	
APPL. DATE:	06/14	06/20	MDY
TIME - BEGIN:	05:30	03:15	
AIR TEMP.:	74	93	F°
REL. HUMID.:	80	85	%
WIND DIR.:	S	W	
WIND SPEED:	3.0	2.0	MPH
SKY COND.:	C	S	
LEAF MOIST:	D	D	
ROOT MOIST:	M	M	
SOIL TEMP.:	77	88	4 INCH
METHOD:	SP	SP	
EQUIPMENT:	BAC	BAC	
PROPELLANT:	CO2	CO2	
PLACEMENT:	BC	BC	
NOZZLE:	FF	FF	
NOZZLE NUMBER:	6	6	
NOZZLE SPACING:	20.0	20.0	IN
SWATH WIDTH:	10.0	10.0	FT
BOOM HEIGHT:	20.0	20.0	IN
SPEED:	3.00	3.00	MPH
MIX SIZE:	0.16	0.16	
MIX SIZE UNIT:	GAL	GAL	
SPRAY VOLUME:	10.00	10.00	
VOLUME UNIT:	GPA	GPA	
PRESSURE:	42.00	42.00	PSI
DILUENT:	WAT	WAT	

TIMINGS: 10 11

* TIMING CODES

10 = POST

11 = LATE POST

SPECIES STAGES

SPECIES:01 P GLXMA
COMMON NAME:SOYBEAN

TARGET:CROP

CULTIVAR:ROUNDUP RESISTANT SOYBEAN

POPULATION: 150,000/A PLANTING DATE:05/24

PLANTING DEPTH:1.0 IN ROW WIDTH:30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14	11	NA	4.00	4.00	4.00 IN
06/20	12	NA	5.00	5.00	5.00 IN

SPECIES:02 P SETFA
COMMON NAME:FOXTAIL, GIANT

TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14	12	H	2.00	3.00	2.50 IN
06/20	13	H	5.00	5.00	5.00 IN

SPECIES:04 P PHBPU
COMMON NAME:MORNINGGLORY, TALL

TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14	12	H	2.00	3.00	2.50 IN
06/20	15	H	3.00	4.00	3.50 IN

* STAGE CODE

11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: **ROUNDUP READY SOYBEAN TANK-MIX STUDY**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/24	SETFA 6/24	PHBPU 6/24	INJ 7/09	SETFA 7/09	PHBPU 7/09
1A	ROUNDUP (3SL)	0.56	LAA	10	0	98	73	0	60	45
B	X-77	0.5	PMV	10						
2A	ROUNDUP (3SL)	0.75	LAA	10	0	99	72	0	78	45
B	X-77	0.5	PMV	10						
3A	ROUNDUP (3SL)	0.56	LAA	10	8	99	87	0	75	43
B	BASAGRAN (4SL)	0.75	LAA	10						
C	X-77	0.5	PMV	10						
D	FERTILIZER - 28%UAN	2.5	PMV	10						
4A	ROUNDUP (3SL)	0.56	LAA	10	10	99	88	0	70	58
B	RESOURCE (0.86EC)	0.027	LAA	10						
C	X-77	0.5	PMV	10						
D	FERTILIZER - 28%UAN	2.5	PMV	10						
5A	ROUNDUP (3SL)	0.56	LAA	10	7	96	80	0	72	43
B	COBRA (2EC)	0.125	LAA	10						
C	X-77	0.5	PMV	10						
D	FERTILIZER - 28%UAN	2.5	PMV	10						
6A	UNTREATED CHECK	0.00	NA	-	0	0	0	0	0	0
7A	ROUNDUP (3SL)	0.56	LAA	10	0	99	75	0	93	75
B	PURSUIT (2SL)	0.063	LAA	10						
C	X-77	0.25	PMV	10						
D	FERTILIZER - 28%UAN	2.5	PMV	10						
8A	ROUNDUP (3SL)	0.56	LAA	10	7	98	87	0	87	58
B	BLAZER (2SL)	0.375	LAA	10						
C	X-77	0.5	PMV	10						
D	FERTILIZER - 28%UAN	2.5	PMV	10						
9A	BASAGRAN (4SL)	0.75	LAA	10	5	52	73	0	78	72
B	COC	1.0	PMV	10						
C	FERTILIZER - 28%UAN	2.5	PMV	10						
D	ROUNDUP (3SL)	0.56	LAA	11						
E	X-77	0.5	PMV	11						
10A	RESOURCE (0.86EC)	0.027	LAA	10	10	65	68	0	80	70
B	COC	1.0	PMV	10						
C	FERTILIZER - 28%UAN	2.5	PMV	10						
D	ROUNDUP (3SL)	0.56	LAA	11						
E	X-77	0.5	PMV	11						
11A	COBRA (2EC)	0.125	LAA	10	12	48	68	0	83	72
B	COC	1.0	PMV	10						
C	FERTILIZER - 28%UAN	2.5	PMV	10						
D	ROUNDUP (3SL)	0.56	LAA	11						
E	X-77	0.5	PMV	11						
12A	PURSUIT (2SL)	0.063	LAA	10	0	88	73	0	98	80
B	X-77	0.25	PMV	10						
C	FERTILIZER - 28%UAN	2.5	PMV	10						
D	ROUNDUP (3SL)	0.56	LAA	11						
E	X-77	0.5	PMV	11						
13A	PURSUIT (2SL)	0.063	LAA	10	0	77	73	0	83	62
B	X-77	0.25	PMV	10						
C	FERTILIZER - 28%UAN	2.5	PMV	10						

TITLE: ROUNDUP READY SOYBEAN TANK-MIX STUDY

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/24	SETFA 6/24	PHBPU 6/24	INJ 7/09	SETFA 7/09	PHBPU 7/09
14A	HAND WEEDED	-	-	-	0	99	99	0	99	99
	LSD (0.05)				5	16	14	0	16	16

TITLE: ROUNDUP READY SOYBEAN TANK-MIX STUDY

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	BU/A 9/29
1A	ROUNDUP (3SL)	0.56	LAA	10	20.6
B	X-77	0.5	PMV	10	
2A	ROUNDUP (3SL)	0.75	LAA	10	22.1
B	X-77	0.5	PMV	10	
3A	ROUNDUP (3SL)	0.56	LAA	10	19.8
B	BASAGRAN (4SL)	0.75	LAA	10	
C	X-77	0.5	PMV	10	
D	FERTILIZER - 28%UAN	2.5	PMV	10	
4A	ROUNDUP (3SL)	0.56	LAA	10	21.4
B	RESOURCE (0.86EC)	0.027	LAA	10	
C	X-77	0.5	PMV	10	
D	FERTILIZER - 28%UAN	2.5	PMV	10	
5A	ROUNDUP (3SL)	0.56	LAA	10	22.2
B	COBRA (2EC)	0.125	LAA	10	
C	X-77	0.5	PMV	10	
D	FERTILIZER - 28%UAN	2.5	PMV	10	
6A	UNTREATED CHECK	0.00	NA	-	15.3
7A	ROUNDUP (3SL)	0.56	LAA	10	26.3
B	PURSUIT (2SL)	0.063	LAA	10	
C	X-77	0.25	PMV	10	
D	FERTILIZER - 28%UAN	2.5	PMV	10	
8A	ROUNDUP (3SL)	0.56	LAA	10	25.5
B	BLAZER (2SL)	0.375	LAA	10	
C	X-77	0.5	PMV	10	
D	FERTILIZER - 28%UAN	2.5	PMV	10	
9A	BASAGRAN (4SL)	0.75	LAA	10	22.9
B	COC	1.0	PMV	10	
C	FERTILIZER - 28%UAN	2.5	PMV	10	
D	ROUNDUP (3SL)	0.56	LAA	11	
E	X-77	0.5	PMV	11	
10A	RESOURCE (0.86EC)	0.027	LAA	10	21.5
B	COC	1.0	PMV	10	
C	FERTILIZER - 28%UAN	2.5	PMV	10	
D	ROUNDUP (3SL)	0.56	LAA	11	
E	X-77	0.5	PMV	11	
11A	COBRA (2EC)	0.125	LAA	10	22.2
B	COC	1.0	PMV	10	
C	FERTILIZER - 28%UAN	2.5	PMV	10	
D	ROUNDUP (3SL)	0.56	LAA	11	
E	X-77	0.5	PMV	11	

TITLE: **ROUNDUP READY SOYBEAN TANK-MIX STUDY**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	BU/A 9/29
12A	PURSUIT (2SL)	0.063	LAA	10	30.1
B	X-77	0.25	PMV	10	
C	FERTILIZER - 28%UAN	2.5	PMV	10	
D	ROUNDUP (3SL)	0.56	LAA	11	
E	X-77	0.5	PMV	11	
13A	PURSUIT (2SL)	0.063	LAA	10	26.5
B	X-77	0.25	PMV	10	
C	FERTILIZER - 28%UAN	2.5	PMV	10	
14A	HAND WEEDED	-	-	-	33.1
	LSD (0.05)				6

TITLE: GLUFOSINATE TOLERANT SOYBEANS

SOIL INFORMATION

TEXTURE: SIL
PH: 5.7
% OM: 4.7
PREV. CROP: ZEAMD-CORN, DENT
PLOT WIDTH: 10.00 FT
PLOT LENGTH: 30.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS: 4

APPLICATIONS

NUMBER:	/--01--\	/--02--\	UNIT
TYPE:	L	L	
APPL. DATE:	06/14	06/27	MDY
TIME - BEGIN:	06:00	10:30	
AIR TEMP.:	74	75	F°
REL. HUMID.:	70	60	%
WIND DIR.:	SE	N	
WIND SPEED:	7.0	4.0	MPH
SKY COND.:	C	S	
LEAF MOIST:	D	D	
ROOT MOIST:	D	M	
SOIL TEMP.:	71	72	4 INCH
METHOD:	SP	SP	
EQUIPMENT:	BAC	BAC	
PROPELLANT:	CO2	CO2	
PLACEMENT:	BC	BC	
NOZZLE:	FF	FF	
NOZZLE NUMBER:	6	6	
NOZZLE SPACING:	20.0	20.0	IN
SWATH WIDTH:	10.0	10.0	FT
BOOM HEIGHT:	20.0	20.0	IN
SPEED:	3.00	3.00	MPH
MIX SIZE:	0.57	0.57	
MIX SIZE UNIT:	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	
VOLUME UNIT:	GPA	GPA	
PRESSURE:	42.00	42.00	PSI
DILUENT:	WAT	WAT	

TIMINGS: 09 10

* TIMING CODES
09 = EARLY POST
10 = POST

SPECIES STAGES

SPECIES:01 P GLXMA
COMMON NAME:SOYBEAN
TARGET:CROP

CULTIVAR:GLUFOSINATE TOLERANT
POPULATION: 70,000/A PLANTING DATE:05/24
PLANTING DEPTH:1.0 IN ROW WIDTH:30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14	11	NA	3.00	3.00	3.00 IN
06/27	13	NA	6.00	6.00	6.00 IN

SPECIES:02 P SETFA
COMMON NAME:FOXTAIL, GIANT
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14	12	H	3.00	3.00	3.00 IN
06/27	14	H	4.00	4.00	4.00 IN

SPECIES:03 P XANST
COMMON NAME:COCKLEBUR, COMMON
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14	12	H	2.00	2.00	2.00 IN
06/27	14	H	4.00	4.00	4.00 IN

SPECIES:04 P IPOHE
COMMON NAME:MORNINGGLORY, IVYLEAF
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14	12	H	2.00	2.00	2.00 IN
06/27	14	H	5.00	5.00	5.00 IN

SPECIES:05 P PHBPU
COMMON NAME:MORNINGGLORY, TALL
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14	12	H	2.00	2.00	2.00 IN
06/27	14	H	5.00	5.00	5.00 IN

*** STAGE CODE**

- 11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
- 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: GLUFOSINATE TOLERANT SOYBEANS

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/21	SETFA 6/21	XANST 6/21	IPOHE 6/21	PHBPU 6/21
1A	IGNITE (1.67EC)	0.357	LAA	9	0	95	98	95	94
2A	IGNITE (1.67EC)	0.536	LAA	9	4	95	99	95	93
3A	IGNITE (1.67EC)	0.714	LAA	9	4	95	99	97	95
4A	IGNITE (1.67EC)	0.357	LAA	9	4	93	99	96	91
B	PURSUIT (2SL)	0.063	LAA	9					
5A	UNTREATED CHECK	0.00	NA	-	0	0	0	0	0
6A	IGNITE (1.67EC)	0.357	LAA	10	*	*	*	*	*
B	CULTIVATE 7-14 DAT	-	-	-					
7A	PURSUIT (2SL)	0.063	LAA	9	1	86	98	86	66
B	OPTION II (0.8EC)	0.061	LAA	9					
C	COC	1.00	PMV	9					
8A	HAND WEEDED	-	-	-	0	99	99	99	99
	LSD (0.05)				3	7	2	5	12

* TREATMENT APPLIED AFTER 6/21 RATING

TITLE: GLUFOSINATE TOLERANT SOYBEANS

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/08	SETFA 7/08	XANST 7/08	IPOHE 7/08	PHBPU 7/08	BU/A 10/04
1A	IGNITE (1.67EC)	0.357	LAA	9	4	61	93	54	50	21.6
2A	IGNITE (1.67EC)	0.536	LAA	9	5	68	94	60	43	22.4
3A	IGNITE (1.67EC)	0.714	LAA	9	5	63	98	53	43	16.6
4A	IGNITE (1.67EC)	0.357	LAA	9	5	88	99	90	74	39.2
B	PURSUIT (2SL)	0.063	LAA	9						
5A	UNTREATED CHECK	0.00	NA	-	0	0	0	0	0	10.2
6A	IGNITE (1.67EC)	0.357	LAA	10	8	96	97	95	95	27.9
B	CULTIVATE 7-14 DAT	-	-	-						
7A	PURSUIT (2SL)	0.063	LAA	9	5	84	96	78	45	27.7
B	OPTION II (0.8EC)	0.061	LAA	9						
C	COC	1.00	PMV	9						
8A	HAND WEEDED	-	-	-	0	99	99	99	99	42.8
	LSD (0.05)				2	10	8	19	14	7

TITLE: GLUFOSINATE GALLONAGE STUDY

SOIL INFORMATION

TEXTURE: SIL
PH: 5.7
% OM: 4.7
PREV. CROP: ZEAMD-CORN, DENT
PLOT WIDTH: 10.00 FT
PLOT LENGTH: 50.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS: 4

APPLICATIONS

NUMBER:	/--01--\	UNIT
TYPE:	L	
APPL. DATE:	06/28	MDY
TIME - BEGIN:	06:30	
AIR TEMP.:	68	F°
REL. HUMID.:	90	%
WIND DIR.:	SW	
WIND SPEED:	3.0	MPH
SKY COND.:	P	
LEAF MOIST:	M	
ROOT MOIST:	M	
SOIL TEMP.:	66	4 INCH
METHOD:	SP	
EQUIPMENT:	BAC	
PROPELLANT:	CO2	
PLACEMENT:	BC	
NOZZLE:	FF	
NOZZLE NUMBER:	6	
NOZZLE SPACING:	20.0	IN
SWATH WIDTH:	10.0	FT
BOOM HEIGHT:	20.0	IN
SPEED:	VARIED	MPH
MIX SIZE:	VARIED	
MIX SIZE UNIT:	GAL	
SPRAY VOLUME:	5 TO 40	
VOLUME UNIT:	GPA	
PRESSURE:	VARIED	PSI
DILUENT:	WAT	

TIMINGS: 09

* TIMING CODES
09 = EARLY POST

SPECIES STAGES

SPECIES:01 P GLXMA
COMMON NAME:SOYBEAN
TARGET:CROP
CULTIVAR:GLUFOSINATE TOLERANT
POPULATION: 150,000/A PLANTING DATE:05/24
PLANTING DEPTH:1.0 IN ROW WIDTH:30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/28	13	NA	6.00	6.00	6.00 IN

SPECIES:02 P SETFA
COMMON NAME:FOXTAIL, GIANT
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/28	14	H	5.00	5.00	5.00 IN

SPECIES:03 P PHBPU
COMMON NAME:MORNINGGLORY, TALL
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/28	13	H	3.00	3.00	3.00 IN

SPECIES:04 P ABUTH
COMMON NAME:VELVETLEAF
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/28	13	M	3.00	3.00	3.00 IN

*** STAGE CODE**

13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: GLUFOSINATE GALLONAGE STUDY

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/08	SETFA 7/08	PHBPU 7/08	ABUTH 7/08
1A B	IGNITE (1.67EC) 5 G.P.A.	0.178 -	LAA -	9 -	5	93	85	80
2A B	IGNITE (1.67EC) 10 G.P.A.	0.178 -	LAA -	9 -	5	95	82	85
3A B	IGNITE (1.67EC) 20 G.P.A.	0.178 -	LAA -	9 -	5	92	78	75
4A B	IGNITE (1.67EC) 40 G.P.A.	0.178 -	LAA -	9 -	5	85	70	73
5A	UNTREATED CHECK	0.00	NA	-	0	0	0	0
6A B C	IGNITE (1.67EC) PURSUIT (2SL) 5 G.P.A.	0.178 0.063 -	LAA LAA -	9 9 -	5	96	85	78
7A B C	IGNITE (1.67EC) PURSUIT (2SL) 10 G.P.A.	0.178 0.063 -	LAA LAA -	9 9 -	5	98	93	87
8A B C	IGNITE (1.67EC) PURSUIT (2SL) 20 G.P.A.	0.178 0.063 -	LAA LAA -	9 9 -	8	98	95	88
9A B C	IGNITE (1.67EC) PURSUIT (2SL) 40 G.P.A.	0.178 0.063 -	LAA LAA -	9 9 -	5	88	85	80
	LSD (0.05)				2	8	11	17

-CONTINUED-

TITLE: GLUFOSINATE GALLONAGE STUDY

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/18	SETFA 7/18	PHBPU 7/18	ABUTH 7/18	BU/A 10/4
1A B	IGNITE (1.67EC) 5 G.P.A.	0.178 -	LAA -	9 -	0	82	87	77	42.6
2A B	IGNITE (1.67EC) 10 G.P.A.	0.178 -	LAA -	9 -	0	85	82	87	44.5
3A B	IGNITE (1.67EC) 20 G.P.A.	0.178 -	LAA -	9 -	0	80	78	77	43.1
4A B	IGNITE (1.67EC) 40 G.P.A.	0.178 -	LAA -	9 -	0	70	77	80	38.1
5A	UNTREATED CHECK	0.00	NA	-	0	0	0	0	24.1
6A B C	IGNITE (1.67EC) PURSUIT (2SL) 5 G.P.A.	0.178 0.063 -	LAA LAA -	9 9 -	0	90	93	75	46.9
7A B C	IGNITE (1.67EC) PURSUIT (2SL) 10 G.P.A.	0.178 0.063 -	LAA LAA -	9 9 -	3	93	92	88	52.3
8A B C	IGNITE (1.67EC) PURSUIT (2SL) 20 G.P.A.	0.178 0.063 -	LAA LAA -	9 9 -	3	93	93	85	50.9
9A B C	IGNITE (1.67EC) PURSUIT (2SL) 40 G.P.A.	0.178 0.063 -	LAA LAA -	9 9 -	2	78	88	82	41.2
	LSD (0.05)				3	12	14	21	10

TITLE: SOYBEAN GRASS COMPETITION 1 (CONVENTIONAL)

SOIL INFORMATION

TEXTURE: SIL
 PH: 5.7
 % OM: 4.7
 PREV. CROP: ZEAMD-CORN, DENT
 PLOT WIDTH: 10.00 FT
 PLOT LENGTH: 38.00 FT

TRIAL INFORMATION

DESIGN: RCB
 REPS: 6

APPLICATIONS

NUMBER:	/--01--\	/--02--\	/--03--\	/--04--\	/--05--\	UNIT
TYPE:	L	L	L	L	L	
APPL. DATE:	05/20	06/10	06/17	06/23	06/30	MDY
TIME - BEGIN:	08:30	02:45	11:30	10:00	11:00	
AIR TEMP.:	60	77	90	83	83	F°
REL. HUMID.:	50	50	80	80	80	
WIND DIR.:	E	NE	E	S	NA	
WIND SPEED:	2.0	3.0	2.0	3.0	0.0	MPH
SKY COND.:	S	S	S	C	S	
LEAF MOIST:	D	D	D	D	D	
ROOT MOIST:	M	M	M	M	M	
SOIL TEMP.:	56	72	86	80	76	4 INCH
METHOD:	SP	SP	SP	SP	SP	
EQUIPMENT:	BAC	BAC	BAC	BAC	BAC	
PROPELLANT:	CO2	CO2	CO2	CO2	CO2	
PLACEMENT:	BC	BC	BC	BC	BC	
NOZZLE:	FF	FF	FF	FF	FF	
NOZZLE NUMBER:	6	6	6	6	6	
NOZZLE SPACING:	20.0	20.0	20.0	20.0	20.0	IN
SWATH WIDTH:	10.0	10.0	10.0	10.0	10.0	FT
BOOM HEIGHT:	20.0	20.0	20.0	20.0	20.0	IN
SPEED:	3.00	3.00	3.00	3.00	3.00	MPH
MIX SIZE:	0.56	0.56	0.56	0.56	0.56	
MIX SIZE UNIT:	GAL	GAL	GAL	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	20.00	20.00	20.00	
VOLUME UNIT:	GPA	GPA	GPA	GPA	GPA	
PRESSURE:	32.00	42.00	42.00	42.00	42.00	PSI
DILUENT:	WAT	WAT	WAT	WAT	WAT	
INC. DATE:	05/20	-	-	-	-	
INC. START:	09:30	-	-	-	-	
INC. END:	10:00	-	-	-	-	
INC. DEPTH:	2	-	-	-	-	IN
INC. EQUIPMENT:	CFD	-	-	-	-	
TIMINGS:	05	09	10	11	12	

* TIMING CODES
 05 = PPI
 09 = EARLY POST
 10 = POST
 11 = LATE POST
 12 = VERY LATE POST

** BROADLEAF WEED CONTROL MAINTAINED WITH 0.75 LB/A GALAXY, 1.0% COC, AND 2.5% 28%UAN APPLIED AS NEEDED.

SPECIES STAGES

SPECIES:01 P GLXMA
COMMON NAME:SOYBEAN
TARGET:CROP

CULTIVAR:ELGIN

POPULATION:1 BU/A PLANTING DATE:05/20

PLANTING DEPTH:1.0 IN ROW WIDTH:30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/10	11	NA	3.00	3.00	3.00 IN
06/17	12	NA	5.00	5.00	5.00 IN
06/23	13	NA	6.00	6.00	6.00 IN
06/30	14	NA	8.00	8.00	8.00 IN

SPECIES:02 P SETFA
COMMON NAME:FOXTAIL, GIANT

TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/10	12	H	1.00	2.00	1.50 IN
06/17	13	H	2.00	4.00	3.00 IN
06/23	14	H	4.00	6.00	5.00 IN
06/30	15	H	6.00	8.00	7.00 IN

* STAGE CODE

- 11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
- 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: SOYBEAN GRASS COMPETITION 1 (CONVENTIONAL)

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/03	SETFA 6/03	INJ 6/17	SETFA 6/17	INJ 7/15	SETFA 7/15
1A	TREFLAN MTF (4EC)	1.00	LAA	5	0	95	0	89	0	79
2A	TREFLAN MTF (4EC)	1.00	LAA	5	0	95	0	95	0	82
B	POAST PLUS (1EC)	0.25	LAA	9						
C	COC	1.25	PMV	9						
D	FERTILIZER - 28%UAN	2.5	PMV	9						
3A	POAST PLUS (1EC)	0.25	LAA	9	0	0	0	99	0	72
B	COC	1.25	PMV	9						
C	FERTILIZER - 28%UAN	2.5	PMV	9						
4A	POAST PLUS (1EC)	0.25	LAA	10	0	0	0	0	0	88
B	COC	1.25	PMV	10						
C	FERTILIZER - 28%UAN	2.5	PMV	10						
5A	POAST PLUS (1EC)	0.25	LAA	11	0	0	0	0	0	97
B	COC	1.25	PMV	11						
C	FERTILIZER - 28%UAN	2.5	PMV	11						
6A	POAST PLUS (1EC)	0.25	LAA	12	0	0	0	0	0	99
B	COC	1.25	PMV	12						
C	FERTILIZER - 28%UAN	2.5	PMV	12						
7A	UNTREATED CHECK	0.00	NA	-	0	0	0	0	0	0
	LSD (0.05)				0	2	0	1	0	5

TITLE: SOYBEAN GRASS COMPETITION 1 (CONVENTIONAL)

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	BU/A 9/22
1A	TREFLAN MTF (4EC)	1.00	LAA	5	32.4
2A	TREFLAN MTF (4EC)	1.00	LAA	5	29.7
B	POAST PLUS (1EC)	0.25	LAA	9	
C	COC	1.25	PMV	9	
D	FERTILIZER - 28%UAN	2.5	PMV	9	
3A	POAST PLUS (1EC)	0.25	LAA	9	25.9
B	COC	1.25	PMV	9	
C	FERTILIZER - 28%UAN	2.5	PMV	9	
4A	POAST PLUS (1EC)	0.25	LAA	10	27.5
B	COC	1.25	PMV	10	
C	FERTILIZER - 28%UAN	2.5	PMV	10	
5A	POAST PLUS (1EC)	0.25	LAA	11	30.9
B	COC	1.25	PMV	11	
C	FERTILIZER - 28%UAN	2.5	PMV	11	
6A	POAST PLUS (1EC)	0.25	LAA	12	22.8
B	COC	1.25	PMV	12	
C	FERTILIZER - 28%UAN	2.5	PMV	12	
7A	UNTREATED CHECK	0.00	NA	-	12.8
	LSD (0.05)				7

TITLE: SOYBEAN GRASS COMPETITION 2 (NOTILL)

SOIL INFORMATION

TEXTURE: SICL
 PH: 6.1
 % OM: 5.3
 PREV. CROP: ZEAMD-CORN, DENT
 PLOT WIDTH: 10.00 FT
 PLOT LENGTH: 40.00 FT

TRIAL INFORMATION

DESIGN: RCB
 REPS: 6

APPLICATIONS

NUMBER:	/--01--\	/--02--\	/--03--\	/--04--\	/--05--\	/--06--\	UNIT
TYPE:	L	L	L	L	L	L	
APPL. DATE:	05/19	06/01	06/10	06/17	06/23	06/30	MDY
TIME - BEGIN:	03:00	02:00	03:00	11:45	10:30	11:15	
AIR TEMP.:	74	80	78	91	83	82	F°
REL. HUMID.:	45	40	50	80	80	80	
WIND DIR.:	NE	NW	NA	E	S	NA	
WIND SPEED:	7.0	3.0	0.0	2.0	5.0	0.0	MPH
SKY COND.:	S	P	S	S	C	S	
LEAF MOIST:	D	D	D	D	D	D	
ROOT MOIST:	M	M	M	M	M	M	
SOIL TEMP.:	63	69	75	85	80	77	4"
METHOD:	SP	SP	SP	SP	SP	SP	
EQUIPMENT:	BAC	BAC	BAC	BAC	BAC	BAC	
PROPELLANT:	CO2	CO2	CO2	CO2	CO2	CO2	
PLACEMENT:	BC	BC	BC	BC	BC	BC	
NOZZLE:	FF	FF	FF	FF	FF	FF	
NOZZLE NUMBER:	6	6	6	6	6	6	
NOZZLE SPACING:	20.0	20.0	20.0	20.0	20.0	20.0	IN
SWATH WIDTH:	10.0	10.0	10.0	10.0	10.0	10.0	FT
BOOM HEIGHT:	20.0	20.0	20.0	20.0	20.0	20.0	IN
SPEED:	3.00	3.00	3.00	3.00	3.00	3.00	MPH
MIX SIZE:	0.57	0.57	0.57	0.57	0.57	0.57	
MIX SIZE UNIT:	GAL	GAL	GAL	GAL	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	20.00	20.00	20.00	20.00	
VOLUME UNIT:	GPA	GPA	GPA	GPA	GPA	GPA	
PRESSURE:	32.00	42.00	42.00	42.00	42.00	42.00	PSI
DILUENT:	WAT	WAT	WAT	WAT	WAT	WAT	
TIMINGS:	07	08	09	10	11	12	

- * TIMING CODES
 07 = PREEMERGENCE
 08 = VERY EARLY POST
 09 = EARLY POST
 10 = POST
 11 = LATE POST
 12 = VERY LATE POST

** BURNDOWN OF 0.75 LB/A ROUNDUP AND 0.5% X-77 APPLIED PREEMERGENCE, BROADLEAF WEED CONTROL MAINTAINED WITH 0.75 LB/A GALAXY, 1.0% COC, AND 2.5% 28%UAN APPLIED AS NEEDED.

SPECIES STAGES

SPECIES:01 P GLXMA
COMMON NAME:SOYBEAN
TARGET:CROP

CULTIVAR:PIONEER 9202

POPULATION:1 BU/A PLANTING DATE:05/19

PLANTING DEPTH:1.0 IN ROW WIDTH:8.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/01	10	NA	2.00	2.00	2.00 IN
06/10	11	NA	3.00	3.00	3.00 IN
06/17	12	NA	4.00	4.00	4.00 IN
06/23	13	NA	5.00	5.00	5.00 IN
06/30	14	NA	7.00	7.00	7.00 IN

SPECIES:02 P SETFA
COMMON NAME:FOXTAIL, GIANT
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/01	11	H	1.00	1.00	1.00 IN
06/10	12	H	2.00	2.00	2.00 IN
06/17	13	H	3.00	3.00	3.00 IN
06/23	14	H	4.00	5.00	4.50 IN
06/30	15	NA	6.00	8.00	7.00 IN

* STAGE CODE

- 10 = 1ST TRUE LEAF EMERGING (COTYLEDON UNFOLDING)
- 11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
- 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: SOYBEAN GRASS COMPETITION 2 (NOTILL)

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/03	SETFA 6/03	INJ 6/17	SETFA 6/17	INJ 7/15	SETFA 7/15
1A	LASSO MICRO-TECH (4CS)	3.00	LAA	7	0	82	0	73	0	65
2A	LASSO MICRO-TECH (4CS)	3.00	LAA	7	0	81	0	90	0	91
B	POAST PLUS (1EC)	0.25	LAA	9						
C	COC	1.25	PMV	9						
D	FERTILIZER - 28%UAN	2.5	PMV	9						
3A	POAST PLUS (1EC)	0.25	LAA	8	0	0	0	99	0	81
B	COC	1.25	PMV	8						
C	FERTILIZER - 28%UAN	2.5	PMV	8						
4A	POAST PLUS (1EC)	0.25	LAA	9	0	0	0	99	0	85
B	COC	1.25	PMV	9						
C	FERTILIZER - 28%UAN	2.5	PMV	9						
5A	POAST PLUS (1EC)	0.25	LAA	10	0	0	0	0	0	90
B	COC	1.25	PMV	10						
C	FERTILIZER - 28%UAN	2.5	PMV	10						
6A	POAST PLUS (1EC)	0.25	LAA	11	0	0	0	0	0	94
B	COC	1.25	PMV	11						
C	FERTILIZER - 28%UAN	2.5	PMV	11						
7A	POAST PLUS (1EC)	0.25	LAA	12	0	0	0	0	0	99
B	COC	1.25	PMV	12						
C	FERTILIZER - 28%UAN	2.5	PMV	12						
8A	UNTREATED CHECK	0.00	NA	-	0	0	0	0	0	0
	LSD (0.05)				0	1	0	2	0	7

-CONTINUED-

TITLE: **SOYBEAN GRASS COMPETITION 2 (NOTILL)**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	BU/A 9/14
1A	LASSO MICRO-TECH (4CS)	3.00	LAA	7	28.4
2A	LASSO MICRO-TECH (4CS)	3.00	LAA	7	33.3
B	POAST PLUS (1EC)	0.25	LAA	9	
C	COC	1.25	PMV	9	
D	FERTILIZER - 28%UAN	2.5	PMV	9	
3A	POAST PLUS (1EC)	0.25	LAA	8	36.3
B	COC	1.25	PMV	8	
C	FERTILIZER - 28%UAN	2.5	PMV	8	
4A	POAST PLUS (1EC)	0.25	LAA	9	40.9
B	COC	1.25	PMV	9	
C	FERTILIZER - 28%UAN	2.5	PMV	9	
5A	POAST PLUS (1EC)	0.25	LAA	10	32.6
B	COC	1.25	PMV	10	
C	FERTILIZER - 28%UAN	2.5	PMV	10	
6A	POAST PLUS (1EC)	0.25	LAA	11	34.2
B	COC	1.25	PMV	11	
C	FERTILIZER - 28%UAN	2.5	PMV	11	
7A	POAST PLUS (1EC)	0.25	LAA	12	34.0
B	COC	1.25	PMV	12	
C	FERTILIZER - 28%UAN	2.5	PMV	12	
8A	UNTREATED CHECK	0.00	NA	-	29.0
	LSD (0.05)				5

TITLE: SECONDARY MODE OF ACTION 1

SOIL INFORMATION

TEXTURE: SIL
PH: 5.7
% OM: 5.3
PREV. CROP: ZEAMD-CORN, DENT
PLOT WIDTH: 10.00 FT
PLOT LENGTH: 36.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS: 3

APPLICATIONS

NUMBER: /--01--\ UNIT
TYPE: L
APPL. DATE: 06/06 MDY
TIME - BEGIN: 04:45
AIR TEMP.: 85 F°
REL. HUMID.: 70 %
WIND DIR.: N
WIND SPEED: 2.0 MPH
SKY COND.: S
LEAF MOIST: D
ROOT MOIST: M
SOIL TEMP.: 75 4 INCH
METHOD: SP
EQUIPMENT: BAC
PROPELLANT: CO2
PLACEMENT: BC
NOZZLE: FF
NOZZLE NUMBER: 6
NOZZLE SPACING: 20.0 IN
SWATH WIDTH: 10.0 FT
BOOM HEIGHT: 20.0 IN
SPEED: 3.0 MPH
MIX SIZE: 0.51
MIX SIZE UNIT: GAL
SPRAY VOLUME: 20.00
VOLUME UNIT: GPA
PRESSURE: 42.00 PSI
DILUENT: WAT

TIMINGS: 09

* TIMING CODES
09 = EARLY POST

SPECIES STAGES

SPECIES:01 P GLXMA
COMMON NAME:SOYBEAN

TARGET:CROP

CULTIVAR:ELGIN

POPULATION: BU/A PLANTING DATE:05/17

PLANTING DEPTH:1.0 IN ROW WIDTH:30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/06	11	NA	4.00	4.00	4.00 IN

SPECIES:02 P AMACH
COMMON NAME:PIGWEED, SMOOTH

TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/06	13	M	1.00	1.00	1.00 IN

SPECIES:03 P ABUTH
COMMON NAME:VELVETLEAF

TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/06	12	H	2.00	2.00	2.00 IN

SPECIES:04 P CHEAL
COMMON NAME:MORNINGGLORY, TALL

TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/06	13	H	1.00	1.00	1.00 IN

SPECIES:05 P PHBPU
COMMON NAME:MORNINGGLORY, TALL

TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/06	11	H	1.00	1.00	1.00 IN

* STAGE CODE

- 11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
- 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: **SECONDARY MODE OF ACTION 1**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/18	AMACH 6/18	ABUTH 6/18	CHEAL 6/18	PHBPU 6/18
1A	BASAGRAN (4SL)	0.375	LAA	9	0	47	75	75	50
B	SUNIT II	1.00	PMV	9					
C	FERTILIZER - 28%UAN	1.25	PMV	9					
2A	BASAGRAN (4SL)	0.5	LAA	9	0	67	87	86	65
B	SUNIT II	1.00	PMV	9					
C	FERTILIZER - 28%UAN	1.25	PMV	9					
3A	BASAGRAN (4SL)	0.75	LAA	9	12	78	95	96	75
B	SUNIT II	1.00	PMV	9					
C	FERTILIZER - 28%UAN	1.25	PMV	9					
4A	BLAZER (2SL)	0.125	LAA	9	15	91	80	83	88
B	SUNIT II	1.00	PMV	9					
C	FERTILIZER - 28%UAN	1.25	PMV	9					
5A	BLAZER (2SL)	0.25	LAA	9	22	98	92	95	93
B	SUNIT II	1.00	PMV	9					
C	FERTILIZER - 28%UAN	1.25	PMV	9					
6A	REFLEX (2SL)	0.125	LAA	9	15	91	88	90	87
B	SUNIT II	1.00	PMV	9					
C	FERTILIZER - 28%UAN	1.25	PMV	9					
7A	REFLEX (2SL)	0.25	LAA	9	13	98	97	96	95
B	SUNIT II	1.00	PMV	9					
C	FERTILIZER - 28%UAN	1.25	PMV	9					
8A	UNTREATED CHECK	0.00	NA	-	0	0	0	0	0
9A	COBRA (2EC)	0.063	LAA	9	28	94	90	88	75
B	SUNIT II	1.00	PMV	9					
C	FERTILIZER - 28%UAN	1.25	PMV	9					
10A	PURSUIT (2SL)	0.063	LAA	9	30	97	97	96	91
B	SUNIT II	1.00	PMV	9					
C	FERTILIZER - 28%UAN	1.25	PMV	9					
11A	BASAGRAN (4SL)	0.375	LAA	9	30	99	99	99	96
B	PURSUIT (2SL)	0.063	LAA	9					
C	SUNIT II	1.00	PMV	9					
D	FERTILIZER - 28%UAN	1.25	PMV	9					
12A	BASAGRAN (4SL)	0.5	LAA	9	30	99	98	98	95
B	PURSUIT (2SL)	0.063	LAA	9					
C	SUNIT II	1.00	PMV	9					
D	FERTILIZER - 28%UAN	1.25	PMV	9					
13A	BASAGRAN (4SL)	0.75	LAA	9	28	99	99	99	98
B	PURSUIT (2SL)	0.063	LAA	9					
C	SUNIT II	1.00	PMV	9					
D	FERTILIZER - 28%UAN	1.25	PMV	9					
14A	BLAZER (2SL)	0.125	LAA	9	37	99	97	98	96
B	PURSUIT (2SL)	0.063	LAA	9					
C	SUNIT II	1.00	PMV	9					
D	FERTILIZER - 28%UAN	1.25	PMV	9					
15A	BLAZER (2SL)	0.25	LAA	9	40	99	99	99	99
B	PURSUIT (2SL)	0.063	LAA	9					
C	SUNIT II	1.00	PMV	9					
D	FERTILIZER - 28%UAN	1.25	PMV	9					

TITLE: **SECONDARY MODE OF ACTION 1**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/18	AMACH 6/18	ABUTH 6/18	CHEAL 6/18	PHBPU 6/18
16A	REFLEX (2SL)	0.125	LAA	9	35	99	99	98	94
B	PURSUIT (2SL)	0.063	LAA	9					
C	SUNIT II	1.00	PMV	9					
D	FERTILIZER - 28%UAN	1.25	PMV	9					
17A	REFLEX (2SL)	0.25	LAA	9	30	98	98	99	93
B	PURSUIT (2SL)	0.063	LAA	9					
C	SUNIT II	1.00	PMV	9					
D	FERTILIZER - 28%UAN	1.25	PMV	9					
18A	COBRA (2EC)	0.063	LAA	9	35	99	98	98	96
B	PURSUIT (2SL)	0.063	LAA	9					
C	SUNIT II	1.00	PMV	9					
D	FERTILIZER - 28%UAN	1.25	PMV	9					
19A	PROWL (3.3EC)	0.825	LAA	7	3	80	67	78	53
20A	PROWL (3.3EC)	0.825	LAA	7	30	97	98	96	90
B	PURSUIT (2SL)	0.063	LAA	9					
C	SUNIT II	1.00	PMV	9					
D	FERTILIZER - 28%UAN	1.25	PMV	9					
	LSD (0.05)				7	6	6	5	12

TITLE: **SECONDARY MODE OF ACTION 1**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/29	AMACH 6/29	ABUTH 6/29	CHEAL 6/29	PHBPU 6/29
1A	BASAGRAN (4SL)	0.375	LAA	9	0	45	67	67	38
B	SUNIT II	1.00	PMV	9					
C	FERTILIZER - 28%UAN	1.25	PMV	9					
2A	BASAGRAN (4SL)	0.5	LAA	9	0	53	73	78	50
B	SUNIT II	1.00	PMV	9					
C	FERTILIZER - 28%UAN	1.25	PMV	9					
3A	BASAGRAN (4SL)	0.75	LAA	9	0	67	87	89	62
B	SUNIT II	1.00	PMV	9					
C	FERTILIZER - 28%UAN	1.25	PMV	9					
4A	BLAZER (2SL)	0.125	LAA	9	7	87	75	78	70
B	SUNIT II	1.00	PMV	9					
C	FERTILIZER - 28%UAN	1.25	PMV	9					
5A	BLAZER (2SL)	0.25	LAA	9	7	92	85	88	70
B	SUNIT II	1.00	PMV	9					
C	FERTILIZER - 28%UAN	1.25	PMV	9					
6A	REFLEX (2SL)	0.125	LAA	9	3	88	75	67	52
B	SUNIT II	1.00	PMV	9					
C	FERTILIZER - 28%UAN	1.25	PMV	9					
7A	REFLEX (2SL)	0.25	LAA	9	5	95	85	87	75
B	SUNIT II	1.00	PMV	9					
C	FERTILIZER - 28%UAN	1.25	PMV	9					
8A	UNTREATED CHECK	0.00	NA	-	0	0	0	0	0
9A	COBRA (2EC)	0.063	LAA	9	7	78	70	50	40
B	SUNIT II	1.00	PMV	9					
C	FERTILIZER - 28%UAN	1.25	PMV	9					

TITLE: SECONDARY MODE OF ACTION 1

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/29	AMACH 6/29	ABUTH 6/29	CHEAL 6/29	PHBPU 6/29
10A	PURSUIT (2SL)	0.063	LAA	9	23	97	94	90	75
B	SUNIT II	1.00	PMV	9					
C	FERTILIZER - 28%UAN	1.25	PMV	9					
11A	BASAGRAN (4SL)	0.375	LAA	9	27	98	95	89	85
B	PURSUIT (2SL)	0.063	LAA	9					
C	SUNIT II	1.00	PMV	9					
D	FERTILIZER - 28%UAN	1.25	PMV	9					
12A	BASAGRAN (4SL)	0.5	LAA	9	18	97	97	89	89
B	PURSUIT (2SL)	0.063	LAA	9					
C	SUNIT II	1.00	PMV	9					
D	FERTILIZER - 28%UAN	1.25	PMV	9					
13A	BASAGRAN (4SL)	0.75	LAA	9	22	99	96	92	90
B	PURSUIT (2SL)	0.063	LAA	9					
C	SUNIT II	1.00	PMV	9					
D	FERTILIZER - 28%UAN	1.25	PMV	9					
14A	BLAZER (2SL)	0.125	LAA	9	30	98	97	92	88
B	PURSUIT (2SL)	0.063	LAA	9					
C	SUNIT II	1.00	PMV	9					
D	FERTILIZER - 28%UAN	1.25	PMV	9					
15A	BLAZER (2SL)	0.25	LAA	9	33	97	99	97	87
B	PURSUIT (2SL)	0.063	LAA	9					
C	SUNIT II	1.00	PMV	9					
D	FERTILIZER - 28%UAN	1.25	PMV	9					
16A	REFLEX (2SL)	0.125	LAA	9	28	98	97	92	70
B	PURSUIT (2SL)	0.063	LAA	9					
C	SUNIT II	1.00	PMV	9					
D	FERTILIZER - 28%UAN	1.25	PMV	9					
17A	REFLEX (2SL)	0.25	LAA	9	18	97	98	95	85
B	PURSUIT (2SL)	0.063	LAA	9					
C	SUNIT II	1.00	PMV	9					
D	FERTILIZER - 28%UAN	1.25	PMV	9					
18A	COBRA (2EC)	0.063	LAA	9	32	99	96	88	91
B	PURSUIT (2SL)	0.063	LAA	9					
C	SUNIT II	1.00	PMV	9					
D	FERTILIZER - 28%UAN	1.25	PMV	9					
19A	PROWL (3.3EC)	0.825	LAA	7	3	75	53	53	33
20A	PROWL (3.3EC)	0.825	LAA	7	18	99	98	94	82
B	PURSUIT (2SL)	0.063	LAA	9					
C	SUNIT II	1.00	PMV	9					
D	FERTILIZER - 28%UAN	1.25	PMV	9					
	LSD (0.05)				9	7	8	10	17

TITLE: SECONDARY MODE OF ACTION 2

SOIL INFORMATION

TEXTURE: SIL
PH: 6.3
% OM: 6.0
PREV. CROP: ZEAMD-CORN, DENT
PLOT WIDTH: 10.00 FT
PLOT LENGTH: 22.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS: 3

APPLICATIONS

NUMBER: /--01--\ UNIT
TYPE: L
APPL. DATE: 06/06 MDY
TIME - BEGIN: 05:45
AIR TEMP.: 84 F°
REL. HUMID.: 60 %
WIND DIR.: W
WIND SPEED: 2.0 MPH
SKY COND.: S
LEAF MOIST: D
ROOT MOIST: M
SOIL TEMP.: 75 4 INCH
METHOD: SP
EQUIPMENT: BAC
PROPELLANT: CO2
PLACEMENT: BC
NOZZLE: FF
NOZZLE NUMBER: 6
NOZZLE SPACING: 20.0 IN
SWATH WIDTH: 10.0 FT
BOOM HEIGHT: 20.0 IN
SPEED: 3.0 MPH
MIX SIZE: 0.32
MIX SIZE UNIT: GAL
SPRAY VOLUME: 20.00
VOLUME UNIT: GPA
PRESSURE: 42.00 PSI
DILUENT: WAT

TIMINGS: 09

* TIMING CODES
09 = EARLY POST

SPECIES STAGES

SPECIES:01 P GLXMA
COMMON NAME:SOYBEAN
TARGET:CROP

CULTIVAR:ELGIN

POPULATION: BU/A PLANTING DATE:05/17

PLANTING DEPTH:1.0 IN ROW WIDTH:30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/06	11	NA	4.00	4.00	4.00 IN

SPECIES:02 P AMACH
COMMON NAME:PIGWEEED, SMOOTH
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/06	13	M	1.00	1.00	1.00 IN

SPECIES:03 P ABUTH
COMMON NAME:VELVETLEAF
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/06	12	H	2.00	2.00	2.00 IN

SPECIES:04 P HIBTR
COMMON NAME:MALLOW, VENICE
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/06	12	H	2.00	2.00	2.00 IN

*** STAGE CODE**

11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: **SECONDARY MODE OF ACTION 2**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/17	AMACH 6/17	ABUTH 6/17	HIBTR 6/17
1A	BASAGRAN (4SL)	0.375	LAA	9	5	58	82	78
B	SUNIT II	1.00	PMV	9				
C	FERTILIZER - 28%UAN	1.25	PMV	9				
2A	BASAGRAN (4SL)	0.5	LAA	9	0	66	91	89
B	SUNIT II	1.00	PMV	9				
C	FERTILIZER - 28%UAN	1.25	PMV	9				
3A	BASAGRAN (4SL)	0.75	LAA	9	12	80	95	96
B	SUNIT II	1.00	PMV	9				
C	FERTILIZER - 28%UAN	1.25	PMV	9				
4A	BLAZER (2SL)	0.125	LAA	9	22	97	95	98
B	SUNIT II	1.00	PMV	9				
C	FERTILIZER - 28%UAN	1.25	PMV	9				
5A	BLAZER (2SL)	0.25	LAA	9	30	96	96	97
B	SUNIT II	1.00	PMV	9				
C	FERTILIZER - 28%UAN	1.25	PMV	9				
6A	REFLEX (2SL)	0.125	LAA	9	13	96	95	97
B	SUNIT II	1.00	PMV	9				
C	FERTILIZER - 28%UAN	1.25	PMV	9				
7A	REFLEX (2SL)	0.25	LAA	9	22	96	97	97
B	SUNIT II	1.00	PMV	9				
C	FERTILIZER - 28%UAN	1.25	PMV	9				
8A	UNTREATED CHECK	0.00	NA	-	0	0	0	0
9A	COBRA (2EC)	0.063	LAA	9	27	96	82	90
B	SUNIT II	1.00	PMV	9				
C	FERTILIZER - 28%UAN	1.25	PMV	9				
10A	PURSUIT (2SL)	0.063	LAA	9	32	98	98	95
B	SUNIT II	1.00	PMV	9				
C	FERTILIZER - 28%UAN	1.25	PMV	9				
11A	BASAGRAN (4SL)	0.375	LAA	9	22	98	97	98
B	PURSUIT (2SL)	0.063	LAA	9				
C	SUNIT II	1.00	PMV	9				
D	FERTILIZER - 28%UAN	1.25	PMV	9				
12A	BASAGRAN (4SL)	0.5	LAA	9	20	98	99	99
B	PURSUIT (2SL)	0.063	LAA	9				
C	SUNIT II	1.00	PMV	9				
D	FERTILIZER - 28%UAN	1.25	PMV	9				
13A	BASAGRAN (4SL)	0.75	LAA	9	23	98	98	98
B	PURSUIT (2SL)	0.063	LAA	9				
C	SUNIT II	1.00	PMV	9				
D	FERTILIZER - 28%UAN	1.25	PMV	9				
14A	BLAZER (2SL)	0.125	LAA	9	38	99	99	98
B	PURSUIT (2SL)	0.063	LAA	9				
C	SUNIT II	1.00	PMV	9				
D	FERTILIZER - 28%UAN	1.25	PMV	9				
15A	BLAZER (2SL)	0.25	LAA	9	33	99	99	99
B	PURSUIT (2SL)	0.063	LAA	9				
C	SUNIT II	1.00	PMV	9				
D	FERTILIZER - 28%UAN	1.25	PMV	9				

TITLE: SECONDARY MODE OF ACTION 2

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/17	AMACH 6/17	ABUTH 6/17	HIBTR 6/17
16A	REFLEX (2SL)	0.125	LAA	9	25	99	98	99
B	PURSUIT (2SL)	0.063	LAA	9				
C	SUNIT II	1.00	PMV	9				
D	FERTILIZER - 28%UAN	1.25	PMV	9				
17A	REFLEX (2SL)	0.25	LAA	9	25	99	99	99
B	PURSUIT (2SL)	0.063	LAA	9				
C	SUNIT II	1.00	PMV	9				
D	FERTILIZER - 28%UAN	1.25	PMV	9				
18A	COBRA (2EC)	0.063	LAA	9	35	99	98	99
B	PURSUIT (2SL)	0.063	LAA	9				
C	SUNIT II	1.00	PMV	9				
D	FERTILIZER - 28%UAN	1.25	PMV	9				
19A	PROWL (3.3EC)	0.825	LAA	7	3	50	50	47
20A	PROWL (3.3EC)	0.825	LAA	7	25	98	98	98
B	PURSUIT (2SL)	0.063	LAA	9				
C	SUNIT II	1.00	PMV	9				
D	FERTILIZER - 28%UAN	1.25	PMV	9				
	LSD (0.05)				7	10	6	4

TITLE: SECONDARY MODE OF ACTION 2

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/28	AMACH 6/28	ABUTH 6/28	CHEAL 6/28
1A	BASAGRAN (4SL)	0.375	LAA	9	3	53	77	72
B	SUNIT II	1.00	PMV	9				
C	FERTILIZER - 28%UAN	1.25	PMV	9				
2A	BASAGRAN (4SL)	0.5	LAA	9	0	42	78	79
B	SUNIT II	1.00	PMV	9				
C	FERTILIZER - 28%UAN	1.25	PMV	9				
3A	BASAGRAN (4SL)	0.75	LAA	9	0	53	83	83
B	SUNIT II	1.00	PMV	9				
C	FERTILIZER - 28%UAN	1.25	PMV	9				
4A	BLAZER (2SL)	0.125	LAA	9	13	88	90	88
B	SUNIT II	1.00	PMV	9				
C	FERTILIZER - 28%UAN	1.25	PMV	9				
5A	BLAZER (2SL)	0.25	LAA	9	20	82	85	85
B	SUNIT II	1.00	PMV	9				
C	FERTILIZER - 28%UAN	1.25	PMV	9				
6A	REFLEX (2SL)	0.125	LAA	9	3	90	91	92
B	SUNIT II	1.00	PMV	9				
C	FERTILIZER - 28%UAN	1.25	PMV	9				
7A	REFLEX (2SL)	0.25	LAA	9	12	93	88	88
B	SUNIT II	1.00	PMV	9				
C	FERTILIZER - 28%UAN	1.25	PMV	9				
8A	UNTREATED CHECK	0.00	NA	-	0	0	0	0
9A	COBRA (2EC)	0.063	LAA	9	15	92	60	67
B	SUNIT II	1.00	PMV	9				
C	FERTILIZER - 28%UAN	1.25	PMV	9				

TITLE: **SECONDARY MODE OF ACTION 2**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/28	AMACH 6/28	ABUTH 6/28	CHEAL 6/28
10A	PURSUIT (2SL)	0.063	LAA	9	18	95	95	89
B	SUNIT II	1.00	PMV	9				
C	FERTILIZER - 28%UAN	1.25	PMV	9				
11A	BASAGRAN (4SL)	0.375	LAA	9	15	96	96	95
B	PURSUIT (2SL)	0.063	LAA	9				
C	SUNIT II	1.00	PMV	9				
D	FERTILIZER - 28%UAN	1.25	PMV	9				
12A	BASAGRAN (4SL)	0.5	LAA	9	10	94	95	95
B	PURSUIT (2SL)	0.063	LAA	9				
C	SUNIT II	1.00	PMV	9				
D	FERTILIZER - 28%UAN	1.25	PMV	9				
13A	BASAGRAN (4SL)	0.75	LAA	9	12	96	94	95
B	PURSUIT (2SL)	0.063	LAA	9				
C	SUNIT II	1.00	PMV	9				
D	FERTILIZER - 28%UAN	1.25	PMV	9				
14A	BLAZER (2SL)	0.125	LAA	9	20	97	99	99
B	PURSUIT (2SL)	0.063	LAA	9				
C	SUNIT II	1.00	PMV	9				
D	FERTILIZER - 28%UAN	1.25	PMV	9				
15A	BLAZER (2SL)	0.25	LAA	9	18	98	96	98
B	PURSUIT (2SL)	0.063	LAA	9				
C	SUNIT II	1.00	PMV	9				
D	FERTILIZER - 28%UAN	1.25	PMV	9				
16A	REFLEX (2SL)	0.125	LAA	9	12	97	95	95
B	PURSUIT (2SL)	0.063	LAA	9				
C	SUNIT II	1.00	PMV	9				
D	FERTILIZER - 28%UAN	1.25	PMV	9				
17A	REFLEX (2SL)	0.25	LAA	9	13	97	94	97
B	PURSUIT (2SL)	0.063	LAA	9				
C	SUNIT II	1.00	PMV	9				
D	FERTILIZER - 28%UAN	1.25	PMV	9				
18A	COBRA (2EC)	0.063	LAA	9	23	97	95	98
B	PURSUIT (2SL)	0.063	LAA	9				
C	SUNIT II	1.00	PMV	9				
D	FERTILIZER - 28%UAN	1.25	PMV	9				
19A	PROWL (3.3EC)	0.825	LAA	7	0	53	57	47
20A	PROWL (3.3EC)	0.825	LAA	7	15	97	95	90
B	PURSUIT (2SL)	0.063	LAA	9				
C	SUNIT II	1.00	PMV	9				
D	FERTILIZER - 28%UAN	1.25	PMV	9				
	LSD (0.05)				7	8	8	6

TITLE: TOTAL POSTEMERGENCE WEED CONTROL IN SOYBEANS

SOIL INFORMATION

TEXTURE: SIL
 PH: 5.7
 % OM: 5.3
 PREV. CROP: ZEAMD-CORN, DENT
 PLOT WIDTH: 10.00 FT
 PLOT LENGTH: 36.00 FT

TRIAL INFORMATION

DESIGN: RCB
 REPS: 3

APPLICATIONS

	/--01--\	/--02--\	UNIT
NUMBER:	L	L	
TYPE:	L	L	
APPL. DATE:	06/06	06/14	MDY
TIME - BEGIN:	03:30	07:00	
AIR TEMP.:	85	78	F°
REL. HUMID.:	76	85	%
WIND DIR.:	NW	SW	
WIND SPEED:	2.0	5.0	MPH
SKY COND.:	S	C	
LEAF MOIST:	D	D	
ROOT MOIST:	M	M	
SOIL TEMP.:	77	75	4 INCH
METHOD:	SP	SP	
EQUIPMENT:	BAC	BAC	
PROPELLANT:	CO2	CO2	
PLACEMENT:	BC	BC	
NOZZLE:	FF	FF	
NOZZLE NUMBER:	6	6	
NOZZLE SPACING:	20.0	20.0	IN
SWATH WIDTH:	10.0	10.0	FT
BOOM HEIGHT:	20.0	20.0	IN
SPEED:	3.00	3.00	MPH
MIX SIZE:	0.51	0.51	
MIX SIZE UNIT:	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	
VOLUME UNIT:	GPA	GPA	
PRESSURE:	42.00	42.00	PSI
DILUENT:	WAT	WAT	
TIMINGS:	09	10	

* TIMING CODES
 09 = EARLY POST
 10 = POST

SPECIES STAGES

SPECIES:01 P GLXMA
COMMON NAME:SOYBEAN
TARGET:CROP
CULTIVAR:ELGIN

POPULATION: BU/A PLANTING DATE:05/16

PLANTING DEPTH:1.0 IN ROW WIDTH:30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/06	11	NA	4.00	4.00	4.00 IN
06/14	12	NA	5.00	5.00	5.00 IN

SPECIES:02 P SETFA
COMMON NAME:FOXTAIL, GIANT
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/06	12	H	2.00	2.00	2.00 IN
06/14	13	H	4.00	5.00	4.50 IN

SPECIES:03 P CHEAL
COMMON NAME:LAMBSQUARTERS, COMMON
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/06	14	H	2.00	2.00	2.00 IN
06/14	16	H	3.00	3.00	3.00 IN

SPECIES:04 P ABUTH
COMMON NAME:VELVETLEAF
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/06	12	H	2.00	2.00	2.00 IN
06/14	13	H	3.00	3.00	3.00 IN

SPECIES:05 P PHBPU
COMMON NAME:MORNINGGLORY, TALL
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/06	11	H	1.00	1.00	1.00 IN
06/14	14	H	2.00	3.00	2.50 IN

* STAGE CODE

- 11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
- 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: TOTAL POSTEMERGENCE WEED CONTROL IN SOYBEANS

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/18	SETFA 6/18	CHEAL 6/18	ABUTH 6/18	PHBPU 6/18
1A	GALAXY (3.67SL)	0.74	LAA	9	12	95	96	98	85
B	POAST PLUS (1EC)	0.141	LAA	9					
C	SYLGARD 309	0.25	PMV	9					
2A	GALAXY (3.67SL)	0.92	LAA	9	10	92	98	93	88
B	POAST PLUS (1EC)	0.188	LAA	9					
C	SYLGARD 309	0.25	PMV	9					
3A	CONCERT (25DF)	0.006	LAA	9	5	93	93	96	73
B	ASSURE II (0.88EC)	0.041	LAA	9					
C	COC	1.00	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
4A	CONCERT (25DF)	0.008	LAA	9	10	92	96	98	80
B	ASSURE II (0.88EC)	0.055	LAA	9					
C	COC	1.00	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
5A	REFLEX-ADJ (1.0EC)	0.25	LAA	9	18	88	96	95	88
B	FUSION (2.66EC)	0.156	LAA	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
6A	REFLEX-ADJ (1.0EC)	0.313	LAA	9	12	90	95	95	92
B	FUSION (2.66EC)	0.208	LAA	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
7A	UNTREATED CHECK	0.00	NA	-	0	0	0	0	0
8A	PURSUIT (2SL)	0.043	LAA	9	5	90	95	96	82
B	X-77	0.25	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
9A	PURSUIT (2SL)	0.063	LAA	9	12	93	96	98	77
B	X-77	0.25	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
10A	PURSUIT (2SL)	0.043	LAA	9	15	78	96	98	87
B	COBRA (2EC)	0.094	LAA	9					
C	COC	1.00	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
11A	PURSUIT (2SL)	0.063	LAA	9	28	92	96	99	90
B	COBRA (2EC)	0.125	LAA	9					
C	COC	1.00	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
12A	GALAXY (3.67SL)	0.74	LAA	10	10	82	91	88	80
B	POAST PLUS (1EC)	0.141	LAA	10					
C	SYLGARD 309	0.25	PMV	10					
13A	GALAXY (3.67SL)	0.92	LAA	10	13	87	94	96	83
B	POAST PLUS (1EC)	0.188	LAA	10					
C	SYLGARD 309	0.25	PMV	10					
14A	CONCERT (25DF)	0.006	LAA	10	2	77	95	95	58
B	ASSURE II (0.88EC)	0.041	LAA	10					
C	COC	1.00	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
15A	CONCERT (25DF)	0.008	LAA	10	7	80	89	95	75
B	ASSURE II (0.88EC)	0.055	LAA	10					
C	COC	1.00	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					

TITLE: TOTAL POSTEMERGENCE WEED CONTROL IN SOYBEANS

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/18	SETFA 6/18	CHEAL 6/18	ABUTH 6/18	PHBPU 6/18
16A	REFLEX-ADJ (1.0EC)	0.25	LAA	10	10	93	96	96	75
B	FUSION (2.66EC)	0.156	LAA	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
17A	REFLEX-ADJ (1.0EC)	0.313	LAA	10	10	93	95	98	80
B	FUSION (2.66EC)	0.208	LAA	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
18A	PURSUIT (2SL)	0.043	LAA	10	0	58	89	95	70
B	X-77	0.25	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
19A	PURSUIT (2SL)	0.063	LAA	10	0	72	94	98	65
B	X-77	0.25	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
20A	PURSUIT (2SL)	0.043	LAA	10	13	75	94	99	77
B	COBRA (2EC)	0.094	LAA	10					
C	COC	1.00	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
21A	PURSUIT (2SL)	0.063	LAA	10	20	77	95	99	82
B	COBRA (2EC)	0.125	LAA	10					
C	COC	1.00	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
22A	HAND WEEDED	-	-	-	0	99	99	99	99
	LSD (0.05)				10	8	5	5	10

-CONTINUED-

TITLE: TOTAL POSTEMERGENCE WEED CONTROL IN SOYBEANS

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/09	SETFA 7/09	CHEAL 7/09	ABUTH 7/09	PHBPU 7/09	BU/A 9/20
1A	GALAXY (3.67SL)	0.74	LAA	9	0	83	85	93	52	25.5
B	POAST PLUS (1EC)	0.141	LAA	9						
C	SYLGARD 309	0.25	PMV	9						
2A	GALAXY (3.67SL)	0.92	LAA	9	0	85	83	93	62	33.0
B	POAST PLUS (1EC)	0.188	LAA	9						
C	SYLGARD 309	0.25	PMV	9						
3A	CONCERT (25DF)	0.006	LAA	9	0	77	99	90	15	27.7
B	ASSURE II (0.88EC)	0.041	LAA	9						
C	COC	1.00	PMV	9						
D	FERTILIZER - 28%UAN	2.5	PMV	9						
4A	CONCERT (25DF)	0.008	LAA	9	0	70	96	80	37	27.1
B	ASSURE II (0.88EC)	0.055	LAA	9						
C	COC	1.00	PMV	9						
D	FERTILIZER - 28%UAN	2.5	PMV	9						
5A	REFLEX-ADJ (1.0EC)	0.25	LAA	9	0	60	70	70	60	22.1
B	FUSION (2.66EC)	0.156	LAA	9						
D	FERTILIZER - 28%UAN	2.5	PMV	9						
6A	REFLEX-ADJ (1.0EC)	0.313	LAA	9	0	55	89	78	78	31.3
B	FUSION (2.66EC)	0.208	LAA	9						
D	FERTILIZER - 28%UAN	2.5	PMV	9						
7A	UNTREATED CHECK	0.00	NA	-	0	0	0	0	0	16.4
8A	PURSUIT (2SL)	0.043	LAA	9	0	90	98	60	73	29.8
B	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	2.5	PMV	9						
9A	PURSUIT (2SL)	0.063	LAA	9	0	85	98	73	65	28.2
B	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	2.5	PMV	9						
10A	PURSUIT (2SL)	0.043	LAA	9	2	50	99	57	70	26.7
B	COBRA (2EC)	0.094	LAA	9						
C	COC	1.00	PMV	9						
D	FERTILIZER - 28%UAN	2.5	PMV	9						
11A	PURSUIT (2SL)	0.063	LAA	9	7	72	98	75	73	31.4
B	COBRA (2EC)	0.125	LAA	9						
C	COC	1.00	PMV	9						
D	FERTILIZER - 28%UAN	2.5	PMV	9						
12A	GALAXY (3.67SL)	0.74	LAA	10	2	85	93	95	52	23.7
B	POAST PLUS (1EC)	0.141	LAA	10						
C	SYLGARD 309	0.25	PMV	10						
13A	GALAXY (3.67SL)	0.92	LAA	10	2	88	95	95	68	28.3
B	POAST PLUS (1EC)	0.188	LAA	10						
C	SYLGARD 309	0.25	PMV	10						
14A	CONCERT (25DF)	0.006	LAA	10	0	95	99	77	22	20.4
B	ASSURE II (0.88EC)	0.041	LAA	10						
C	COC	1.00	PMV	10						
D	FERTILIZER - 28%UAN	2.5	PMV	10						
15A	CONCERT (25DF)	0.008	LAA	10	7	93	95	82	50	30.3
B	ASSURE II (0.88EC)	0.055	LAA	10						
C	COC	1.00	PMV	10						
D	FERTILIZER - 28%UAN	2.5	PMV	10						

TITLE: TOTAL POSTEMERGENCE WEED CONTROL IN SOYBEANS

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/09	SETFA 7/09	CHEAL 7/09	ABUTH 7/09	PHBPU 7/09	BU/A 9/20
16A	REFLEX-ADJ (1.0EC)	0.25	LAA	10	0	90	99	80	57	29.6
B	FUSION (2.66EC)	0.156	LAA	10						
D	FERTILIZER - 28%UAN	2.5	PMV	10						
17A	REFLEX-ADJ (1.0EC)	0.313	LAA	10	0	78	98	82	70	29.8
B	FUSION (2.66EC)	0.208	LAA	10						
D	FERTILIZER - 28%UAN	2.5	PMV	10						
18A	PURSUIT (2SL)	0.043	LAA	10	0	58	90	62	65	20.2
B	X-77	0.25	PMV	10						
D	FERTILIZER - 28%UAN	2.5	PMV	10						
19A	PURSUIT (2SL)	0.063	LAA	10	5	75	99	78	70	27.4
B	X-77	0.25	PMV	10						
D	FERTILIZER - 28%UAN	2.5	PMV	10						
20A	PURSUIT (2SL)	0.043	LAA	10	7	55	98	77	53	21.0
B	COBRA (2EC)	0.094	LAA	10						
C	COC	1.00	PMV	10						
D	FERTILIZER - 28%UAN	2.5	PMV	10						
21A	PURSUIT (2SL)	0.063	LAA	10	10	62	96	80	58	25.5
B	COBRA (2EC)	0.125	LAA	10						
C	COC	1.00	PMV	10						
D	FERTILIZER - 28%UAN	2.5	PMV	10						
22A	HAND WEEDED	-	-	-	0	99	99	99	99	30.7
	LSD (0.05)				8	16	13	17	23	9

TITLE: AC299,263 TOLERANCE AND ROTATIONAL SAFETY

SOIL INFORMATION

TEXTURE: SIL
PH: 6.2
% OM: 4.7
PREV.CROP: ZEAMD-CORN, DENT
PLOT WIDTH: 50.00 FT
PLOT LENGTH: 45.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS: 3

APPLICATIONS

NUMBER: /--01--\ UNIT
TYPE: L
APPL. DATE: 06/10 MDY
TIME - BEGIN: 11:00
AIR TEMP.: 77 F°
REL. HUMID.: 50 %
WIND DIR.: NE
WIND SPEED: 5.0 MPH
SKY COND.: S
LEAF MOIST: D
ROOT MOIST: M
SOIL TEMP.: 73 4 INCH
METHOD: SP
EQUIPMENT: BAC
PROPELLANT: CO2
PLACEMENT: BC
NOZZLE: FF
NOZZLE NUMBER: 6
NOZZLE SPACING: 20.0 IN
SWATH WIDTH: 10.0 FT
BOOM HEIGHT: 20.0 IN
SPEED: 3.0 MPH
MIX SIZE: 3.1
MIX SIZE UNIT: GAL
SPRAY VOLUME: 20.00
VOLUME UNIT: GPA
PRESSURE: 42.00 PSI
DILUENT: WAT

TIMINGS: 09

* TIMING CODES
09 = EARLY POST

SPECIES STAGES

SPECIES: 01 P GLXMA
COMMON NAME: SOYBEAN
TARGET: CROP
CULTIVAR: ELGIN

POPULATION: BU/A PLANTING DATE: 05/20

PLANTING DEPTH: 1.0 IN ROW WIDTH: 30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/10	11	NA	5.00	5.00	5.00 IN

* STAGE CODE

11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: AC299,263 TOLERANCE AND ROTATIONAL SAFETY

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/17	INJ 6/24	INJ 7/01	INJ 7/08	BU/A 9/20
1A	AC299,263 (1SL)	0.032	LAA	9	0	3	0	0	59.6
B	X-77	0.25	PMV	9					
C	FERTILIZER - 28%UAN	1.25	PMV	9					
2A	AC299,263 (1SL)	0.063	LAA	9	7	13	8	3	58.1
B	X-77	0.25	PMV	9					
C	FERTILIZER - 28%UAN	1.25	PMV	9					
3A	AC299,263 (1SL)	0.125	LAA	9	12	23	17	8	55.8
B	X-77	0.25	PMV	9					
C	FERTILIZER - 28%UAN	1.25	PMV	9					
4A	PURSUIT (2SL)	0.063	LAA	9	0	0	0	0	57.0
B	X-77	0.25	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
5A	PURSUIT (2SL)	0.125	LAA	9	8	15	10	2	56.9
B	X-77	0.25	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
6A	NON-RESIDUAL CHECK	-	-	-	28	12	7	0	61.0
B	GALAXY (3.67SL)	0.94	LAA	9					
C	POAST PLUS (1EC)	0.25	LAA	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
	LSD (0.05)				4	5	5	4	4

TITLE: SOY POST 1 AC299,263 WEED CONTROL

SOIL INFORMATION

TEXTURE: SIL
PH: 5.7
% OM: 5.3
PREV.CROP: ZEAMD-CORN, DENT
PLOT WIDTH: 7.50 FT
PLOT LENGTH: 36.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS:3

APPLICATIONS

NUMBER: /--01--\ UNIT
TYPE: L
APPL. DATE: 06/06 MDY
TIME - BEGIN: 01:30
AIR TEMP.: 85 F°
REL. HUMID.: 70 %
WIND DIR.: NW
WIND SPEED: 3.0 MPH
SKY COND.: C
LEAF MOIST: D
ROOT MOIST: M
SOIL TEMP.: 77 4 INCH
METHOD: SP
EQUIPMENT: BAC
PROPELLANT: CO2
PLACEMENT: BC
NOZZLE: FF
NOZZLE NUMBER: 5
NOZZLE SPACING: 18.0 IN
SWATH WIDTH: 7.5 FT
BOOM HEIGHT: 20.0 IN
SPEED: 3.0 MPH
MIX SIZE: 0.39
MIX SIZE UNIT: GAL
SPRAY VOLUME: 20.00
VOLUME UNIT: GPA
PRESSURE: 42.00 PSI
DILUENT: WAT

TIMINGS: 09

* TIMING CODES
09 = EARLY POST

SPECIES STAGES

SPECIES:01 P GLXMA
COMMON NAME:SOYBEAN
TARGET:CROP
CULTIVAR:ELGIN
POPULATION: BU/A PLANTING DATE:05/16
PLANTING DEPTH:1.0 IN ROW WIDTH:30.0 IN
STAGE ON STAGE CODE POP.GEN. MN SIZE MX SIZE AV SIZE
06/06 11 NA 4.00 4.00 4.00 IN

SPECIES:02 P SETFA
COMMON NAME:FOXTAIL, GIANT
TARGET:PEST
STAGE ON STAGE CODE POP.GEN. MN SIZE MX SIZE AV SIZE
06/06 12 H 2.00 2.00 2.00 IN

SPECIES:03 P CHEAL
COMMON NAME:LAMBSQUARTERS, COMMON
TARGET:PEST
STAGE ON STAGE CODE POP.GEN. MN SIZE MX SIZE AV SIZE
06/06 15 H 1.00 2.00 1.50 IN

SPECIES:04 P PHBPU
COMMON NAME:MORNINGGLORY, TALL
TARGET:PEST
STAGE ON STAGE CODE POP.GEN. MN SIZE MX SIZE AV SIZE
06/06 12 H 2.00 2.00 2.00 IN

SPECIES:05 P ABUTH
COMMON NAME:VELVETLEAF
TARGET:PEST
STAGE ON STAGE CODE POP.GEN. MN SIZE MX SIZE AV SIZE
06/06 12 H 1.00 2.00 1.50 IN

SPECIES:06 P AMACH
COMMON NAME:PIGWEEED, SMOOTH
TARGET:PEST
STAGE ON STAGE CODE POP.GEN. MN SIZE MX SIZE AV SIZE
06/06 14 H 1.00 1.00 1.00 IN

* STAGE CODE
11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: SOY POST 1 AC299,263 WEED CONTROL

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/18	SETFA 6/18	CHEAL 6/18	PHBPU 6/18	ABUTH 6/18	AMACH 6/18
1A	AC299,263 (1SL)	0.032	LAA	9	15	93	98	85	99	99
B	X-77	0.25	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
2A	AC299,263 (1SL)	0.047	LAA	9	13	95	93	87	99	99
B	X-77	0.25	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
3A	AC299,263 (1SL)	0.063	LAA	9	15	98	99	83	99	99
B	X-77	0.25	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
4A	AC299,263 (1SL)	0.125	LAA	9	30	96	99	90	99	99
B	X-77	0.25	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
5A	UNTREATED CHECK	0.00	NA	-	0	0	0	0	0	0
6A	PURSUIT (2SL)	0.047	LAA	9	10	88	95	72	98	99
B	X-77	0.25	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
7A	PURSUIT (2SL)	0.063	LAA	9	7	91	93	65	99	99
B	X-77	0.25	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
8A	PURSUIT (2SL)	0.125	LAA	9	5	92	90	85	98	99
B	X-77	0.25	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
9A	AC299,263 (1SL)	0.047	LAA	9	8	93	99	87	99	99
B	BASAGRAN (4SL)	0.5	LAA	9						
C	COC	1.00	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
10A	AC299,263 (1SL)	0.063	LAA	9	12	98	99	88	99	98
B	BASAGRAN (4SL)	0.5	LAA	9						
C	COC	1.00	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
11A	BASAGRAN (4SL)	0.5	LAA	9	3	0	98	53	93	90
B	COC	1.00	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
12A	PURSUIT (2SL)	0.063	LAA	9	15	96	98	92	98	99
B	BASAGRAN (4SL)	0.5	LAA	9						
C	COC	1.00	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
13A	AC299,263 (1SL)	0.047	LAA	9	15	96	98	92	98	99
B	COBRA (2EC)	0.094	LAA	9						
C	COC	1.00	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
14A	AC299,263 (1SL)	0.063	LAA	9	27	96	98	93	98	99
B	COBRA (2EC)	0.094	LAA	9						
C	COC	1.00	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
15A	COBRA (2EC)	0.094	LAA	9	8	12	82	72	85	99
B	COC	1.00	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						

TITLE: SOY POST 1 AC299,263 WEED CONTROL

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/18	SETFA 6/18	CHEAL 6/18	PHBPU 6/18	ABUTH 6/18	AMACH 6/18
16A	PURSUIT (2SL)	0.063	LAA	9	15	92	96	90	99	99
B	COBRA (2EC)	0.094	LAA	9						
C	COC	1.00	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
17A	AC299,263 (1SL)	0.063	LAA	9	22	96	98	93	98	99
B	RESOURCE (0.86EC)	0.027	LAA	9						
C	COC	1.00	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
18A	PURSUIT (2SL)	0.063	LAA	9	5	92	96	88	98	99
B	RESOURCE (0.86EC)	0.027	LAA	9						
C	COC	1.00	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
	LSD (0.05)				8	7	6	12	6	4

TITLE: SOY POST 1 AC299,263 WEED CONTROL

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/28	SETFA 6/28	CHEAL 6/28	PHBPU 6/28	ABUTH 6/28	AMACH 6/28
1A	AC299,263 (1SL)	0.032	LAA	9	0	89	81	73	99	99
B	X-77	0.25	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
2A	AC299,263 (1SL)	0.047	LAA	9	10	91	90	87	99	97
B	X-77	0.25	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
3A	AC299,263 (1SL)	0.063	LAA	9	10	93	93	89	99	99
B	X-77	0.25	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
4A	AC299,263 (1SL)	0.125	LAA	9	25	97	95	96	99	99
B	X-77	0.25	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
5A	UNTREATED CHECK	0.00	NA	-	0	0	0	0	0	0
6A	PURSUIT (2SL)	0.047	LAA	9	0	85	73	80	99	99
B	X-77	0.25	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
7A	PURSUIT (2SL)	0.063	LAA	9	0	87	79	81	99	99
B	X-77	0.25	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
8A	PURSUIT (2SL)	0.125	LAA	9	0	92	88	97	99	99
B	X-77	0.25	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
9A	AC299,263 (1SL)	0.047	LAA	9	0	92	90	92	99	99
B	BASAGRAN (4SL)	0.5	LAA	9						
C	COC	1.00	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
10A	AC299,263 (1SL)	0.063	LAA	9	8	97	96	96	99	99
B	BASAGRAN (4SL)	0.5	LAA	9						
C	COC	1.00	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						

TITLE: SOY POST 1 AC299,263 WEED CONTROL

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/28	SETFA 6/28	CHEAL 6/28	PHBPU 6/28	ABUTH 6/28	AMACH 6/28
11A	BASAGRAN (4SL)	0.5	LAA	9	0	0	33	17	92	57
B	COC	1.00	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
12A	PURSUIT (2SL)	0.063	LAA	9	0	87	89	89	94	99
B	BASAGRAN (4SL)	0.5	LAA	9						
C	COC	1.00	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
13A	AC299,263 (1SL)	0.047	LAA	9	10	93	92	95	99	99
B	COBRA (2EC)	0.094	LAA	9						
C	COC	1.00	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
14A	AC299,263 (1SL)	0.063	LAA	9	20	97	91	98	99	99
B	COBRA (2EC)	0.094	LAA	9						
C	COC	1.00	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
15A	COBRA (2EC)	0.094	LAA	9	0	0	23	63	37	82
B	COC	1.00	PMV	9						
C	FERTILIZER - 28%UAN	1.25	PMV	9						
16A	PURSUIT (2SL)	0.063	LAA	9	0	86	86	95	99	99
B	COBRA (2EC)	0.094	LAA	9						
C	COC	1.00	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
17A	AC299,263 (1SL)	0.063	LAA	9	18	97	93	94	99	99
B	RESOURCE (0.86EC)	0.027	LAA	9						
C	COC	1.00	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
18A	PURSUIT (2SL)	0.063	LAA	9	0	93	84	87	99	99
B	RESOURCE (0.86EC)	0.027	LAA	9						
C	COC	1.00	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
	LSD (0.05)				4	4	8	6	4	3

TITLE: SOY POST 2 PURSUIT ADJUVANT STUDY

SOIL INFORMATION

TEXTURE: SIL
PH: 5.7
% OM: 5.3
PREV. CROP: ZEAMD-CORN, DENT
PLOT WIDTH: 7.50 FT
PLOT LENGTH: 36.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS: 3

APPLICATIONS

NUMBER: /--01--\ UNIT
TYPE: L
APPL. DATE: 06/10 MDY
TIME - BEGIN: 06:00
AIR TEMP.: 71 F°
REL. HUMID.: 65 %
WIND DIR.: W
WIND SPEED: 3.0 MPH
SKY COND.: C
LEAF MOIST: D
ROOT MOIST: M
SOIL TEMP.: 70 4 INCH
METHOD: SP
EQUIPMENT: BAC
PROPELLANT: CO2
PLACEMENT: BC
NOZZLE: FF
NOZZLE NUMBER: 5
NOZZLE SPACING: 18.0 IN
SWATH WIDTH: 7.5 FT
BOOM HEIGHT: 20.0 IN
SPEED: 3.0 MPH
MIX SIZE: 0.39
MIX SIZE UNIT: GAL
SPRAY VOLUME: 20.00
VOLUME UNIT: GPA
PRESSURE: 42.00 PSI
DILUENT: WAT

TIMINGS: 09

* TIMING CODES
09 = EARLY POST

SPECIES STAGES

SPECIES:01 P GLXMA
COMMON NAME:SOYBEAN
TARGET:CROP
CULTIVAR:ELGIN

POPULATION: BU/A PLANTING DATE:05/16

PLANTING DEPTH:1.0 IN ROW WIDTH:30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/10	12	NA	5.00	6.00	5.50 IN

SPECIES:02 P CHEAL
COMMON NAME:LAMBSQUARTERS, COMMON
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/10	15	M	1.00	1.00	1.00 IN

SPECIES:03 P PHBPU
COMMON NAME:MORNINGGLORY, TALL
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/10	12	H	1.00	2.00	1.50 IN

SPECIES:04 P ABUTH
COMMON NAME:VELVETLEAF
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/10	12	H	1.00	2.00	1.50 IN

SPECIES:05 P SETFA
COMMON NAME:FOXTAIL, GIANT
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/10	13	H	2.00	3.00	2.50 IN

* STAGE CODE

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: **SOY POST 2 PURSUIT ADJUVANT STUDY**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/22	CHEAL 6/22	IPOHE 6/22	ABUTH 6/22	SETFA 6/22
1A	PURSUIT (2SL)	0.063	LAA	9	10	63	63	90	87
B	X-77	0.25	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
2A	PURSUIT (2SL)	0.031	LAA	9	0	43	47	80	80
B	X-77	0.25	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
3A	PURSUIT (2SL)	0.031	LAA	9	0	50	53	88	83
B	ACTIVATOR-90	0.25	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
4A	PURSUIT (2SL)	0.031	LAA	9	0	57	53	90	87
B	ACTIVATE PLUS	0.25	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
5A	PURSUIT (2SL)	0.031	LAA	9	0	47	45	83	87
B	PEN-A-TRATE II	0.25	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
6A	UNTREATED CHECK	0.00	NA	-	0	0	0	0	0
7A	PURSUIT (2SL)	0.063	LAA	9	10	67	73	96	93
B	SUNIT II	1.00	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
8A	PURSUIT (2SL)	0.031	LAA	9	0	53	60	90	87
B	SUNIT II	1.00	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
9A	PURSUIT (2SL)	0.031	LAA	9	0	57	53	87	90
B	MSO	1.00	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
10A	PURSUIT (2SL)	0.031	LAA	9	0	53	57	88	90
B	SUPERB	1.00	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
11A	PURSUIT (2SL)	0.031	LAA	9	0	50	43	82	83
B	METH-OIL	1.00	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
12A	PURSUIT (2SL)	0.031	LAA	9	0	47	50	77	83
B	SILWET 77	0.25	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
13A	PURSUIT (2SL)	0.031	LAA	9	0	43	50	77	80
B	SYLGARD	0.25	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
14A	PURSUIT (2SL)	0.031	LAA	9	0	47	57	83	83
B	SOYWET	0.25	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
15A	PURSUIT (2SL)	0.031	LAA	9	0	43	60	82	90
B	HM9207-A	0.5	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
16A	PURSUIT (2SL)	0.031	LAA	9	0	47	47	83	83
B	HEN002.94	0.25	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
17A	PURSUIT (2SL)	0.031	LAA	9	0	47	50	80	90
B	WE10941	0.25	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					

TITLE: SOY POST 2 PURSUIT ADJUVANT STUDY

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/22	CHEAL 6/22	IPOHE 6/22	ABUTH 6/22	SETFA 6/22
18A	PURSUIT (2SL)	0.031	LAA	9	0	43	48	83	90
B	WE10942	0.25	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
	LSD (0.05)				0	9	8	8	7

TITLE: SOY POST 2 PURSUIT ADJUVANT STUDY

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/01	CHEAL 7/01	IPOHE 7/01	ABUTH 7/01	SETFA 7/01
1A	PURSUIT (2SL)	0.063	LAA	9	5	57	73	80	87
B	X-77	0.25	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
2A	PURSUIT (2SL)	0.031	LAA	9	0	40	50	63	77
B	X-77	0.25	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
3A	PURSUIT (2SL)	0.031	LAA	9	0	47	50	70	73
B	ACTIVATOR-90	0.25	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
4A	PURSUIT (2SL)	0.031	LAA	9	0	43	57	80	80
B	ACTIVATE PLUS	0.25	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
5A	PURSUIT (2SL)	0.031	LAA	9	0	33	33	67	77
B	PEN-A-TRATE II	0.25	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
6A	UNTREATED CHECK	0.00	NA	-	0	0	0	0	0
7A	PURSUIT (2SL)	0.063	LAA	9	12	70	80	92	93
B	SUNIT II	1.00	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
8A	PURSUIT (2SL)	0.031	LAA	9	2	50	57	70	87
B	SUNIT II	1.00	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
9A	PURSUIT (2SL)	0.031	LAA	9	7	50	67	70	80
B	MSO	1.00	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
10A	PURSUIT (2SL)	0.031	LAA	9	0	43	43	70	80
B	SUPERB	1.00	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
11A	PURSUIT (2SL)	0.031	LAA	9	0	37	40	60	77
B	METH-OIL	1.00	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
12A	PURSUIT (2SL)	0.031	LAA	9	0	50	33	67	70
B	SILWET 77	0.25	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
13A	PURSUIT (2SL)	0.031	LAA	9	0	40	40	60	57
B	SYLGARD	0.25	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					

TITLE: SOY POST 2 PURSUIT ADJUVANT STUDY

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/01	CHEAL 7/01	IPOHE 7/01	ABUTH 7/01	SETFA 7/01
14A	PURSUIT (2SL)	0.031	LAA	9	0	43	50	70	77
B	SOYWET	0.25	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
15A	PURSUIT (2SL)	0.031	LAA	9	0	40	50	70	77
B	HM9207-A	0.5	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
16A	PURSUIT (2SL)	0.031	LAA	9	0	40	40	70	73
B	HEN002.94	0.25	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
17A	PURSUIT (2SL)	0.031	LAA	9	0	33	50	67	80
B	WE10941	0.25	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
18A	PURSUIT (2SL)	0.031	LAA	9	0	33	50	70	80
B	WE10942	0.25	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
	LSD (0.05)				4	8	7	7	7

TITLE: SOY POST 2 PURSUIT ADJUVANT STUDY

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/11	CHEAL 7/11	IPOHE 7/11	ABUTH 7/11	SETFA 7/11
1A	PURSUIT (2SL)	0.063	LAA	9	0	53	70	75	88
B	X-77	0.25	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
2A	PURSUIT (2SL)	0.031	LAA	9	0	30	40	60	67
B	X-77	0.25	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
3A	PURSUIT (2SL)	0.031	LAA	9	0	47	50	70	63
B	ACTIVATOR-90	0.25	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
4A	PURSUIT (2SL)	0.031	LAA	9	0	43	50	73	75
B	ACTIVATE PLUS	0.25	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
5A	PURSUIT (2SL)	0.031	LAA	9	0	30	30	57	72
B	PEN-A-TRATE II	0.25	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
6A	UNTREATED CHECK	0.00	NA	-	0	0	0	0	0
7A	PURSUIT (2SL)	0.063	LAA	9	7	70	73	90	90
B	SUNIT II	1.00	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
8A	PURSUIT (2SL)	0.031	LAA	9	0	50	60	70	85
B	SUNIT II	1.00	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
9A	PURSUIT (2SL)	0.031	LAA	9	0	50	57	70	80
B	MSO	1.00	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					

TITLE: SOY POST 2 PURSUIT ADJUVANT STUDY

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/11	CHEAL 7/11	IPOHE 7/11	ABUTH 7/11	SETFA 7/11
10A	PURSUIT (2SL)	0.031	LAA	9	0	40	43	63	77
B	SUPERB	1.00	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
11A	PURSUIT (2SL)	0.031	LAA	9	0	30	37	63	73
B	METH-OIL	1.00	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
12A	PURSUIT (2SL)	0.031	LAA	9	0	40	37	60	70
B	SILWET 77	0.25	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
13A	PURSUIT (2SL)	0.031	LAA	9	0	40	40	53	57
B	SYLGARD	0.25	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
14A	PURSUIT (2SL)	0.031	LAA	9	0	40	50	60	73
B	SOYWET	0.25	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
15A	PURSUIT (2SL)	0.031	LAA	9	0	40	50	63	70
B	HM9207-A	0.5	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
16A	PURSUIT (2SL)	0.031	LAA	9	0	37	40	67	73
B	HEN002.94	0.25	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
17A	PURSUIT (2SL)	0.031	LAA	9	0	33	43	60	72
B	WE10941	0.25	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
18A	PURSUIT (2SL)	0.031	LAA	9	0	37	47	60	73
B	WE10942	0.25	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
	LSD (0.05)				0	5	6	6	7

TITLE: SOY POST 3 BASF COMBINATIONS

SOIL INFORMATION

TEXTURE: SIL
 PH: 5.7
 % OM: 5.3
 PREV.CROP: ZEAMD-CORN, DENT
 PLOT WIDTH: 7.50 FT
 PLOT LENGTH: 36.00 FT

TRIAL INFORMATION

DESIGN: RCB
 REPS: 3

APPLICATIONS

	/--01--\	/--02--\	UNIT
NUMBER:	L	L	
TYPE:	L	L	
APPL. DATE:	06/07	06/14	MDY
TIME - BEGIN:	08:00	06:30	
AIR TEMP.:	80	78	F°
REL. HUMID.:	60	90	%
WIND DIR.:	NA	NA	
WIND SPEED:	0.0	0.0	MPH
SKY COND.:	C	P	
LEAF MOIST:	D	M	
ROOT MOIST:	M	M	
SOIL TEMP.:	75	75	4 INCH
METHOD:	SP	SP	
EQUIPMENT:	BAC	BAC	
PROPELLANT:	CO2	CO2	
PLACEMENT:	BC	BC	
NOZZLE:	FF	FF	
NOZZLE NUMBER:	5	5	
NOZZLE SPACING:	18.0	18.0	IN
SWATH WIDTH:	7.5	7.5	FT
BOOM HEIGHT:	20.0	20.0	IN
SPEED:	3.00	3.00	MPH
MIX SIZE:	0.20	0.20	
MIX SIZE UNIT:	GAL	GAL	
SPRAY VOLUME:	10.00	10.00	
VOLUME UNIT:	GPA	GPA	
PRESSURE:	42.00	42.00	PSI
DILUENT:	WAT	WAT	

TIMINGS: 09 10

* TIMING CODES
 09 = EARLY POST
 10 = POST

SPECIES STAGES

SPECIES:01 P GLXMA
COMMON NAME:SOYBEAN
TARGET:CROP
CULTIVAR:ELGIN

POPULATION: BU/A PLANTING DATE:05/16

PLANTING DEPTH:1.0 IN ROW WIDTH:30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/07	11	NA	4.00	4.00	4.00 IN
06/14	12	NA	5.00	5.00	5.00 IN

SPECIES:02 P SETFA
COMMON NAME:FOXTAIL, GIANT
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/07	12	H	1.00	2.00	1.50 IN
06/14	13	H	4.00	4.00	4.00 IN

SPECIES:03 P AMACH
COMMON NAME:PIGWEEED, SMOOTH
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/07	12	H	1.00	1.00	1.00 IN
06/14	14	H	2.00	2.00	2.00 IN

SPECIES:04 P ABUTH
COMMON NAME:VELVETLEAF
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/07	12	H	2.00	2.00	2.00 IN
06/14	14	H	3.00	3.00	3.00 IN

SPECIES:05 P CHEAL
COMMON NAME:LAMBSQUARTERS, COMMON
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/07	14	H	1.00	2.00	1.50 IN
06/14	16	H	2.00	3.00	2.50 IN

SPECIES:06 P IPOHE
COMMON NAME:MORNINGGLORY, IVYLEAF
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/07	10	H	0.50	0.50	0.50 IN
06/14	13	H	2.00	2.00	2.00 IN

* STAGE CODE

- 10 = 1ST LEAF EMERGING (COTYLEDON UNFOLDING)
- 11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
- 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: SOY POST 3 BASF COMBINATIONS

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/26	SETFA 6/26	AMACH 6/26	ABUTH 6/26	CHEAL 6/26	IPOHE 6/26
1A	GALAXY (3.67SL)	0.92	LAA	9	5	90	90	67	88	95
B	FERTILIZER - 28%UAN	5.0	PMV	9						
C	POAST PLUS (1EC)	0.188	LAA	10						
2A	GALAXY (3.67SL)	0.92	LAA	10	13	99	96	96	90	92
B	POAST PLUS (1EC)	0.188	LAA	10						
C	FERTILIZER - 28%UAN	2.5	PMV	10						
3A	GALAXY (3.67SL)	0.92	LAA	10	13	98	90	96	98	93
B	POAST PLUS (1EC)	0.188	LAA	10						
C	SOLUBOR	0.25	LAA	10						
D	FERTILIZER - 28%UAN	2.5	PMV	10						
4A	BASAGRAN (4SL)	0.75	LAA	10	12	96	92	96	95	95
B	POAST PLUS (1EC)	0.188	LAA	10						
C	BLAZER (2SL)	0.156	LAA	10						
D	SYLGARD	0.25	PMV	10						
5A	UNTREATED CHECK	0.00	NA	-	0	0	0	0	0	0
6A	BASAGRAN (4SL)	0.75	LAA	10	12	95	77	95	98	95
B	POAST PLUS (1EC)	0.188	LAA	10						
D	SYLGARD	0.25	PMV	10						
7A	BASAGRAN (4SL)	0.75	LAA	10	15	98	98	96	95	95
B	POAST PLUS (1EC)	0.188	LAA	10						
C	CONCERT (25DF)	0.0032	LAA	10						
D	FERTILIZER - 28%UAN	5.0	PMV	10						
8A	BASAGRAN (4SL)	0.75	LAA	10	11	99	95	99	95	95
B	POAST PLUS (1EC)	0.188	LAA	10						
C	PINNACLE (25DF)	0.0016	LAA	10						
D	FERTILIZER - 28%UAN	5.0	PMV	10						
9A	BASAGRAN (4SL)	0.75	LAA	10	12	80	93	98	90	95
B	POAST PLUS (1EC)	0.188	LAA	10						
C	CLASSIC (25DF)	0.004	LAA	10						
D	FERTILIZER - 28%UAN	5.0	PMV	10						
10A	GALAXY (3.67SL)	0.92	LAA	10	12	96	83	96	96	93
B	POAST PLUS (1EC)	0.188	LAA	10						
C	PINNACLE (25DF)	0.0016	LAA	10						
D	SYLGARD	0.25	PMV	10						
11A	GALAXY (3.67SL)	0.92	LAA	10	17	98	91	92	99	95
B	POAST PLUS (1EC)	0.188	LAA	10						
C	2,4-DB (2.0EC)	0.015	LAA	10						
D	SYLGARD	0.25	PMV	10						
12A	GALAXY (3.67SL)	0.92	LAA	10	23	92	87	95	98	95
B	POAST PLUS (1EC)	0.188	LAA	10						
C	2,4-DB (2.0EC)	0.03	LAA	10						
D	SYLGARD	0.25	PMV	10						
13A	STORM (4SL)	0.75	LAA	10	13	93	87	88	96	96
B	POAST PLUS (1EC)	0.3	LAA	10						
C	ATPLUS 411	1.25	PMV	10						
14A	BASAGRAN (4SL)	0.5	LAA	10	13	95	87	95	95	93
B	FUSION (2.66EC)	0.21	LAA	10						
C	REFLEX (2SL)	0.25	LAA	10						
D	SYLGARD	0.25	PMV	10						

TITLE: SOY POST 3 BASF COMBINATIONS

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/26	SETFA 6/26	AMACH 6/26	ABUTH 6/26	CHEAL 6/26	IPOHE 6/26
15A	CONCERT (25DF)	0.008	LAA	10	28	99	90	90	93	88
B	ASSURE II (0.88EC)	0.062	LAA	10						
C	X-77	0.25	PMV	10						
D	FERTILIZER - 28%UAN	5.0	PMV	10						
16A	PURSUIT (2SL)	0.063	LAA	10	8	99	90	87	65	93
B	SUNIT II	1.00	PMV	10						
C	FERTILIZER - 28%UAN	2.5	PMV	10						
17A	PURSUIT (2SL)	0.063	LAA	10	18	99	90	85	90	85
B	PINNACLE (25DF)	0.002	LAA	10						
C	SUNIT II	1.00	PMV	10						
D	FERTILIZER - 28%UAN	2.5	PMV	10						
18A	PURSUIT (2SL)	0.063	LAA	10	15	99	87	77	92	73
B	COBRA (2EC)	0.094	LAA	10						
C	SUNIT II	1.00	PMV	10						
D	FERTILIZER - 28%UAN	2.5	PMV	10						
	LSD (0.05)				5	7	6	12	6	6

TITLE: SOY POST 3 BASF COMBINATIONS

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/07	SETFA 7/07	AMACH 7/07	ABUTH 7/07	CHEAL 7/07	IPOHE 7/07
1A	GALAXY (3.67SL)	0.92	LAA	9	0	97	76	83	87	70
B	FERTILIZER - 28%UAN	5.0	PMV	9						
C	POAST PLUS (1EC)	0.188	LAA	10						
2A	GALAXY (3.67SL)	0.92	LAA	10	3	86	99	99	98	76
B	POAST PLUS (1EC)	0.188	LAA	10						
C	FERTILIZER - 28%UAN	2.5	PMV	10						
3A	GALAXY (3.67SL)	0.92	LAA	10	0	81	98	96	96	75
B	POAST PLUS (1EC)	0.188	LAA	10						
C	SOLUBOR	0.25	LAA	10						
D	FERTILIZER - 28%UAN	2.5	PMV	10						
4A	BASAGRAN (4SL)	0.75	LAA	10	3	91	99	95	94	87
B	POAST PLUS (1EC)	0.188	LAA	10						
C	BLAZER (2SL)	0.156	LAA	10						
D	SYLGARD	0.25	PMV	10						
5A	UNTREATED CHECK	0.00	NA	-	0	0	0	0	0	0
6A	BASAGRAN (4SL)	0.75	LAA	10	0	96	86	96	81	75
B	POAST PLUS (1EC)	0.188	LAA	10						
D	SYLGARD	0.25	PMV	10						
7A	BASAGRAN (4SL)	0.75	LAA	10	3	94	99	99	99	83
B	POAST PLUS (1EC)	0.188	LAA	10						
C	CONCERT (25DF)	0.0032	LAA	10						
D	FERTILIZER - 28%UAN	5.0	PMV	10						
8A	BASAGRAN (4SL)	0.75	LAA	10	0	89	99	99	98	80
B	POAST PLUS (1EC)	0.188	LAA	10						
C	PINNACLE (25DF)	0.0016	LAA	10						
D	FERTILIZER - 28%UAN	5.0	PMV	10						

TITLE: SOY POST 3 BASF COMBINATIONS

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/07	SETFA 7/07	AMACH 7/07	ABUTH 7/07	CHEAL 7/07	IPOHE 7/07
9A	BASAGRAN (4SL)	0.75	LAA	10	0	91	90	98	93	79
B	POAST PLUS (1EC)	0.188	LAA	10						
C	CLASSIC (25DF)	0.004	LAA	10						
D	FERTILIZER - 28%UAN	5.0	PMV	10						
10A	GALAXY (3.67SL)	0.92	LAA	10	0	92	93	85	89	75
B	POAST PLUS (1EC)	0.188	LAA	10						
C	PINNACLE (25DF)	0.0016	LAA	10						
D	SYLGARD	0.25	PMV	10						
11A	GALAXY (3.67SL)	0.92	LAA	10	0	92	90	95	83	78
B	POAST PLUS (1EC)	0.188	LAA	10						
C	2,4-DB (2.0EC)	0.015	LAA	10						
D	SYLGARD	0.25	PMV	10						
12A	GALAXY (3.67SL)	0.92	LAA	10	5	94	92	85	83	82
B	POAST PLUS (1EC)	0.188	LAA	10						
C	2,4-DB (2.0EC)	0.03	LAA	10						
D	SYLGARD	0.25	PMV	10						
13A	STORM (4SL)	0.75	LAA	10	0	97	91	82	86	76
B	POAST PLUS (1EC)	0.3	LAA	10						
C	ATPLUS 411	1.25	PMV	10						
14A	BASAGRAN (4SL)	0.5	LAA	10	0	95	90	80	88	77
B	FUSION (2.66EC)	0.21	LAA	10						
C	REFLEX (2SL)	0.25	LAA	10						
D	SYLGARD	0.25	PMV	10						
15A	CONCERT (25DF)	0.008	LAA	10	17	93	99	99	89	84
B	ASSURE II (0.88EC)	0.062	LAA	10						
C	X-77	0.25	PMV	10						
D	FERTILIZER - 28%UAN	5.0	PMV	10						
16A	PURSUIT (2SL)	0.063	LAA	10	0	95	99	99	68	83
B	SUNIT II	1.00	PMV	10						
C	FERTILIZER - 28%UAN	2.5	PMV	10						
17A	PURSUIT (2SL)	0.063	LAA	10	5	94	99	99	99	89
B	PINNACLE (25DF)	0.002	LAA	10						
C	SUNIT II	1.00	PMV	10						
D	FERTILIZER - 28%UAN	2.5	PMV	10						
18A	PURSUIT (2SL)	0.063	LAA	10	2	69	99	96	90	88
B	COBRA (2EC)	0.094	LAA	10						
C	SUNIT II	1.00	PMV	10						
D	FERTILIZER - 28%UAN	2.5	PMV	10						
	LSD (0.05)				4	5	5	5	8	5

TITLE: SOY POST 4 BASAGRAN / PINNACLE INTERACTIONS

SOIL INFORMATION

TEXTURE: SIL
PH: 5.7
% OM: 5.3
PREV. CROP: ZEAMD-CORN, DENT
PLOT WIDTH: 7.50 FT
PLOT LENGTH: 36.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS: 3

APPLICATIONS

NUMBER: /--01--\ UNIT
TYPE: L
APPL. DATE: 06/14 MDY
TIME - BEGIN: 06:45
AIR TEMP.: 78 F°
REL. HUMID.: 90 %
WIND DIR.: SW
WIND SPEED: 2.0 MPH
SKY COND.: P
LEAF MOIST: M
ROOT MOIST: M
SOIL TEMP.: 75 4 INCH
METHOD: SP
EQUIPMENT: BAC
PROPELLANT: CO2
PLACEMENT: BC
NOZZLE: FF
NOZZLE NUMBER: 5
NOZZLE SPACING: 18.0 IN
SWATH WIDTH: 7.5 FT
BOOM HEIGHT: 20.0 IN
SPEED: 3.0 MPH
MIX SIZE: 0.20
MIX SIZE UNIT: GAL
SPRAY VOLUME: 10.00
VOLUME UNIT: GPA
PRESSURE: 42.00 PSI
DILUENT: WAT

TIMINGS: 10

* TIMING CODES
10 = POST

SPECIES STAGES

SPECIES:01 P GLXMA
COMMON NAME:SOYBEAN
TARGET:CROP

CULTIVAR:ELGIN

POPULATION: BU/A PLANTING DATE:05/16

PLANTING DEPTH:1.0 IN ROW WIDTH:30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14	12	NA	5.00	5.00	5.00 IN

SPECIES:02 P SETFA
COMMON NAME:FOXTAIL, GIANT

TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14	13	H	4.00	4.00	4.00 IN

SPECIES:03 P ABUTH
COMMON NAME:VELVETLEAF

TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14	14	H	3.00	3.00	3.00 IN

SPECIES:04 P AMACH
COMMON NAME:PIGWEED, SMOOTH

TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14	14	H	2.00	2.00	2.00 IN

SPECIES:05 P AMBEL
COMMON NAME:RAGWEED, COMMON

TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14	13	M	3.00	3.00	3.00 IN

SPECIES:06 P CHEAL
COMMON NAME:LAMBSQUARTERS, COMMON

TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14	15	M	2.00	2.00	2.00 IN

* STAGE CODE

- 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: **SOY POST 4 BASAGRAN / PINNACLE INTERACTIONS**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/25	SETFA 6/25	ABUTH 6/25	AMACH 6/25	AMBEL 6/25	CHEAL 6/25
1A	PINNACLE (25DF)	0.002	LAA	10	15	92	82	98	99	82
B	POAST PLUS (1EC)	0.188	LAA	10						
C	FERTILIZER - 28%UAN	5.0	PMV	10						
2A	PINNACLE (25DF)	0.002	LAA	10	12	95	87	98	99	98
B	POAST PLUS (1EC)	0.188	LAA	10						
C	BASAGRAN (4SL)	0.25	LAA	10						
D	FERTILIZER - 28%UAN	5.0	PMV	10						
3A	PINNACLE (25DF)	0.002	LAA	10	8	95	88	99	96	96
B	POAST PLUS (1EC)	0.188	LAA	10						
C	BASAGRAN (4SL)	0.38	LAA	10						
D	FERTILIZER - 28%UAN	5.0	PMV	10						
4A	PINNACLE (25DF)	0.002	LAA	10	8	96	95	96	99	98
B	POAST PLUS (1EC)	0.188	LAA	10						
C	BASAGRAN (4SL)	0.5	LAA	10						
D	FERTILIZER - 28%UAN	5.0	PMV	10						
5A	UNTREATED CHECK	0.00	NA	-	0	0	0	0	0	0
6A	PINNACLE (25DF)	0.004	LAA	10	35	93	90	99	80	96
B	POAST PLUS (1EC)	0.188	LAA	10						
C	FERTILIZER - 28%UAN	5.0	PMV	10						
7A	PINNACLE (25DF)	0.004	LAA	10	10	95	90	98	96	95
B	POAST PLUS (1EC)	0.188	LAA	10						
C	BASAGRAN (4SL)	0.25	LAA	10						
D	FERTILIZER - 28%UAN	5.0	PMV	10						
8A	PINNACLE (25DF)	0.004	LAA	10	13	95	93	98	99	96
B	POAST PLUS (1EC)	0.188	LAA	10						
C	BASAGRAN (4SL)	0.38	LAA	10						
D	FERTILIZER - 28%UAN	5.0	PMV	10						
9A	PINNACLE (25DF)	0.004	LAA	10	8	98	93	99	99	98
B	POAST PLUS (1EC)	0.188	LAA	10						
C	BASAGRAN (4SL)	0.5	LAA	10						
D	FERTILIZER - 28%UAN	5.0	PMV	10						
10A	PINNACLE (25DF)	0.008	LAA	10	42	92	93	99	93	98
B	POAST PLUS (1EC)	0.188	LAA	10						
C	FERTILIZER - 28%UAN	5.0	PMV	10						
11A	PINNACLE (25DF)	0.008	LAA	10	22	96	92	99	94	99
B	POAST PLUS (1EC)	0.188	LAA	10						
C	BASAGRAN (4SL)	0.25	LAA	10						
D	FERTILIZER - 28%UAN	5.0	PMV	10						
12A	PINNACLE (25DF)	0.008	LAA	10	13	93	93	99	99	98
B	POAST PLUS (1EC)	0.188	LAA	10						
C	BASAGRAN (4SL)	0.5	LAA	10						
D	FERTILIZER - 28%UAN	5.0	PMV	10						
13A	CONCERT (25DF)	0.008	LAA	10	22	93	87	99	94	85
B	ASSURE II (0.88EC)	0.062	LAA	10						
C	X-77	0.25	PMV	10						
D	FERTILIZER - 28%UAN	5.0	PMV	10						
14A	CONCERT (25DF)	0.008	LAA	10	8	95	93	99	98	95
B	ASSURE II (0.88EC)	0.062	LAA	10						
C	BASAGRAN (4SL)	0.25	LAA	10						
D	X-77	0.25	PMV	10						
E	FERTILIZER - 28%UAN	5.0	PMV	10						

TITLE: SOY POST 4 BASAGRAN / PINNACLE INTERACTIONS

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/25	SETFA 6/25	ABUTH 6/25	AMACH 6/25	AMBEL 6/25	CHEAL 6/25
	LSD (0.05)				6	4	9	2	11	8

TITLE: SOY POST 4 BASAGRAN / PINNACLE INTERACTIONS

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/07	SETFA 7/07	ABUTH 7/07	AMACH 7/07	AMBEL 7/07	CHEAL 7/07
1A	PINNACLE (25DF)	0.002	LAA	10	7	97	95	99	88	98
B	POAST PLUS (1EC)	0.188	LAA	10						
C	FERTILIZER - 28%UAN	5.0	PMV	10						
2A	PINNACLE (25DF)	0.002	LAA	10	0	96	91	99	92	99
B	POAST PLUS (1EC)	0.188	LAA	10						
C	BASAGRAN (4SL)	0.25	LAA	10						
D	FERTILIZER - 28%UAN	5.0	PMV	10						
3A	PINNACLE (25DF)	0.002	LAA	10	0	95	94	99	99	99
B	POAST PLUS (1EC)	0.188	LAA	10						
C	BASAGRAN (4SL)	0.38	LAA	10						
D	FERTILIZER - 28%UAN	5.0	PMV	10						
4A	PINNACLE (25DF)	0.002	LAA	10	0	96	98	98	99	99
B	POAST PLUS (1EC)	0.188	LAA	10						
C	BASAGRAN (4SL)	0.5	LAA	10						
D	FERTILIZER - 28%UAN	5.0	PMV	10						
5A	UNTREATED CHECK	0.00	NA	-	0	0	0	0	0	0
6A	PINNACLE (25DF)	0.004	LAA	10	35	97	99	99	84	99
B	POAST PLUS (1EC)	0.188	LAA	10						
C	FERTILIZER - 28%UAN	5.0	PMV	10						
7A	PINNACLE (25DF)	0.004	LAA	10	7	96	99	99	99	98
B	POAST PLUS (1EC)	0.188	LAA	10						
C	BASAGRAN (4SL)	0.25	LAA	10						
D	FERTILIZER - 28%UAN	5.0	PMV	10						
8A	PINNACLE (25DF)	0.004	LAA	10	3	96	99	99	99	99
B	POAST PLUS (1EC)	0.188	LAA	10						
C	BASAGRAN (4SL)	0.38	LAA	10						
D	FERTILIZER - 28%UAN	5.0	PMV	10						
9A	PINNACLE (25DF)	0.004	LAA	10	0	94	99	99	99	99
B	POAST PLUS (1EC)	0.188	LAA	10						
C	BASAGRAN (4SL)	0.5	LAA	10						
D	FERTILIZER - 28%UAN	5.0	PMV	10						
10A	PINNACLE (25DF)	0.008	LAA	10	50	97	99	99	93	99
B	POAST PLUS (1EC)	0.188	LAA	10						
C	FERTILIZER - 28%UAN	5.0	PMV	10						
11A	PINNACLE (25DF)	0.008	LAA	10	10	96	99	99	91	98
B	POAST PLUS (1EC)	0.188	LAA	10						
C	BASAGRAN (4SL)	0.25	LAA	10						
D	FERTILIZER - 28%UAN	5.0	PMV	10						
12A	PINNACLE (25DF)	0.008	LAA	10	5	95	99	99	99	99
B	POAST PLUS (1EC)	0.188	LAA	10						
C	BASAGRAN (4SL)	0.5	LAA	10						
D	FERTILIZER - 28%UAN	5.0	PMV	10						

TITLE: SOY POST 4 BASAGRAN / PINNACLE INTERACTIONS

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/07	SETFA 7/07	ABUTH 7/07	AMACH 7/07	AMBEL 7/07	CHEAL 7/07
13A	CONCERT (25DF)	0.008	LAA	10	17	97	99	99	94	99
B	ASSURE II (0.88EC)	0.062	LAA	10						
C	X-77	0.25	PMV	10						
D	FERTILIZER - 28%UAN	5.0	PMV	10						
14A	CONCERT (25DF)	0.008	LAA	10	0	95	99	99	85	94
B	ASSURE II (0.88EC)	0.062	LAA	10						
C	BASAGRAN (4SL)	0.25	LAA	10						
D	X-77	0.25	PMV	10						
E	FERTILIZER - 28%UAN	5.0	PMV	10						
	LSD (0.05)				7	3	5	1	5	2

TITLE: SOY POST 5 COBRA, RESOURCE, CGA-248757

SOIL INFORMATION

TEXTURE: SIL
 PH: 5.7
 % OM: 5.3
 PREV. CROP: ZEAMD-CORN, DENT
 PLOT WIDTH: 7.50 FT
 PLOT LENGTH: 36.00 FT

TRIAL INFORMATION

DESIGN: RCB
 REPS: 3

APPLICATIONS

NUMBER:	/--01--\	/--02--\	/--03--\	UNIT
TYPE:	L	L	L	
APPL. DATE:	05/17	06/06	06/14	MDY
TIME - BEGIN:	03:15	03:00	06:30	
AIR TEMP.:	70	85	78	F°
REL. HUMID.:	40	70	90	%
WIND DIR.:	NE	NW	NA	
WIND SPEED:	5.0	3.0	0.0	MPH
SKY COND.:	S	S	P	
LEAF MOIST:	D	D	M	
ROOT MOIST:	M	M	M	
SOIL TEMP.:	62	76	75	4 INCH
METHOD:	SP	SP	SP	
EQUIPMENT:	BAC	BAC	BAC	
PROPELLANT:	CO2	CO2	CO2	
PLACEMENT:	BC	BC	BC	
NOZZLE:	FF	FF	FF	
NOZZLE NUMBER:	5	5	5	
NOZZLE SPACING:	18.0	18.0	18.0	IN
SWATH WIDTH:	7.5	7.5	7.5	FT
BOOM HEIGHT:	20.0	20.0	20.0	IN
SPEED:	3.00	3.00	3.00	MPH
MIX SIZE:	0.39	0.39	0.39	
MIX SIZE UNIT:	GAL	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	20.00	
VOLUME UNIT:	GPA	GPA	GPA	
PRESSURE:	32.00	42.00	42.00	PSI
DILUENT:	WAT	WAT	WAT	

TIMINGS: 07 09 10

* TIMING CODES
 07 = PREEMERGENCE
 09 = EARLY POST
 10 = POST

SPECIES STAGES

SPECIES:01 P GLXMA
COMMON NAME:SOYBEAN
TARGET:CROP
CULTIVAR:ELGIN

POPULATION: BU/A PLANTING DATE:05/16

PLANTING DEPTH:1.0 IN ROW WIDTH:30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/06	11	NA	4.00	4.00	4.00 IN
06/14	12	NA	5.00	5.00	5.00 IN

SPECIES:02 P CHEAL
COMMON NAME:LAMBSQUARTERS, COMMON
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/06	14	H	2.00	2.00	2.00 IN
06/14	16	H	3.00	3.00	3.00 IN

SPECIES:03 P ABUTH
COMMON NAME:VELVETLEAF
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/06	12	H	1.00	2.00	1.50 IN
06/14	14	H	3.00	3.00	3.00 IN

SPECIES:04 P SETFA
COMMON NAME:FOXTAIL, GIANT
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/06	12	H	2.00	2.00	2.00 IN
06/14	13	H	3.00	4.00	3.50 IN

SPECIES:05 P IPOHE
COMMON NAME:MORNINGGLORY, IVYLEAF
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/06	12	H	2.00	2.00	2.00 IN
06/14	14	H	3.00	3.00	3.00 IN

*** STAGE CODE**

- 11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
- 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: SOY POST 5 COBRA, RESOURCE, CGA-248757

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/13	CHEAL 6/13	ABUTH 6/13	SETFA 6/13	IPOHE 6/13
1A	COBRA (2EC)	0.2	LAA	7	22	57	70	98	27
B	COBRA (2EC)	0.15	LAA	10					
C	SELECT (2EC)	0.094	LAA	10					
D	COC	0.63	PMV	10					
2A	COBRA (2EC)	0.25	LAA	7	23	53	70	99	17
B	COBRA (2EC)	0.15	LAA	10					
C	SELECT (2EC)	0.094	LAA	10					
D	COC	0.63	PMV	10					
3A	PROWL (3.3EC)	1.0	LAA	7	17	60	77	99	43
B	PURSUIT (2EC)	0.063	LAA	10					
C	SELECT (2EC)	0.094	LAA	10					
D	COC	1.25	PMV	10					
4A	COBRA (2EC)	0.25	LAA	9	32	63	98	99	17
B	COC	0.63	PMV	9					
C	COBRA (2EC)	0.094	LAA	10					
D	SELECT (2EC)	0.094	LAA	10					
E	COC	0.63	PMV	10					
5A	COBRA (2EC)	0.125	LAA	9	15	40	96	99	17
B	SELECT (2EC)	0.094	LAA	9					
C	COC	0.63	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
6A	UNTREATED CHECK	0.00	NA	-	0	0	0	0	0
7A	COBRA (2EC)	0.125	LAA	9	17	47	99	99	50
B	COC	0.63	PMV	9					
C	PURSUIT (2EC)	0.063	LAA	10					
D	SELECT (2EC)	0.094	LAA	10					
E	COC	1.25	PMV	10					
F	FERTILIZER - 28%UAN	2.5	PMV	10					
8A	COBRA (2EC)	0.063	LAA	9	17	67	99	99	63
B	PURSUIT (2EC)	0.063	LAA	9					
C	COC	0.63	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
E	SELECT (2EC)	0.094	LAA	10					
F	COC	1.25	PMV	10					
9A	COBRA (2EC)	0.094	LAA	9	17	70	99	99	50
B	PURSUIT (2EC)	0.063	LAA	9					
C	COC	0.63	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
E	SELECT (2EC)	0.094	LAA	10					
F	COC	1.25	PMV	10					
10A	COBRA (2EC)	0.125	LAA	9	22	67	99	99	53
B	PURSUIT (2EC)	0.063	LAA	9					
C	COC	0.63	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
E	SELECT (2EC)	0.094	LAA	10					
F	COC	1.25	PMV	10					
11A	RESOURCE (2EC)	0.027	LAA	9	7	40	99	99	0
B	COC	1.0	PMV	9					
C	SELECT (2EC)	0.094	LAA	10					
D	COC	0.63	PMV	10					
12A	CGA-248757 (5WG)	0.005	LAA	9	5	57	83	99	10
B	COC	1.25	PMV	9					
C	SELECT (2EC)	0.094	LAA	10					
D	COC	0.63	PMV	10					

TITLE: SOY POST 5 COBRA, RESOURCE, CGA-248757

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/13	CHEAL 6/13	ABUTH 6/13	SETFA 6/13	IPOHE 6/13
13A	RESOURCE (2EC)	0.027	LAA	9	10	60	98	99	13
B	BASAGRAN (4SL)	0.5	LAA	9					
C	COC	1.25	PMV	9					
D	SELECT (2EC)	0.094	LAA	10					
E	COC	0.63	PMV	10					
14A	CGA-248757 (5WG)	0.004	LAA	9	17	50	98	99	20
B	BASAGRAN (4SL)	0.5	LAA	9					
C	COC	1.25	PMV	9					
D	SELECT (2EC)	0.094	LAA	10					
E	COC	0.63	PMV	10					
15A	RESOURCE (2EC)	0.027	LAA	9	22	40	98	99	27
B	COBRA (2EC)	0.094	LAA	9					
C	COC	0.63	PMV	9					
D	SELECT (2EC)	0.094	LAA	10					
E	COC	0.63	PMV	10					
16A	RESOURCE (2EC)	0.027	LAA	9	15	80	99	99	50
B	PURSUIT (2SL)	0.063	LAA	9					
C	X-77	0.25	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
E	SELECT (2EC)	0.094	LAA	10					
F	COC	0.63	PMV	10					
17A	RESOURCE (2EC)	0.027	LAA	9	13	77	99	99	47
B	PURSUIT (2SL)	0.063	LAA	9					
C	COC	1.25	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
E	SELECT (2EC)	0.094	LAA	10					
F	COC	0.63	PMV	10					
18A	CGA-248757 (5WG)	0.003	LAA	9	17	60	90	99	27
B	BLAZER (2SL)	0.375	LAA	9					
C	COC	1.25	PMV	9					
D	SELECT (2EC)	0.094	LAA	10					
E	COC	0.63	PMV	10					
19A	CGA-248757 (5WG)	0.002	LAA	9	18	43	90	99	30
B	BLAZER (2SL)	0.375	LAA	9					
C	COC	1.25	PMV	9					
D	SELECT (2EC)	0.094	LAA	10					
E	COC	0.63	PMV	10					
20A	RESOURCE (2EC)	0.027	LAA	9	20	50	87	99	27
B	BLAZER (2SL)	0.375	LAA	9					
C	COC	1.25	PMV	9					
D	SELECT (2EC)	0.094	LAA	10					
E	COC	0.63	PMV	10					
21A	PURSUIT (2SL)	0.063	LAA	9	10	57	99	99	50
B	X-77	0.25	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
D	SELECT (2EC)	0.094	LAA	10					
E	COC	0.63	PMV	10					
22A	PURSUIT (2SL)	0.063	LAA	9	27	96	99	99	73
B	PINNACLE (25DF)	0.004	LAA	9					
C	X-77	0.25	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
E	SELECT (2EC)	0.094	LAA	10					
F	COC	0.63	PMV	10					

TITLE: SOY POST 5 COBRA, RESOURCE, CGA-248757

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/13	CHEAL 6/13	ABUTH 6/13	SETFA 6/13	IPOHE 6/13
23A	GALAXY (3.67SL)	0.92	LAA	9	13	57	99	99	10
B	FERTILIZER - 28%UAN	2.5	PMV	9					
C	SELECT (2EC)	0.094	LAA	10					
D	COC	0.63	PMV	10					
24A	CONCERT (25DF)	0.008	LAA	9	17	73	98	99	40
B	X-77	0.125	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
D	SELECT (2EC)	0.094	LAA	10					
E	COC	0.63	PMV	10					
	LSD (0.05)				5	8	5	1	7

TITLE: SOY POST 5 COBRA, RESOURCE, CGA-248757

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/07	CHEAL 7/07	ABUTH 7/07	SETFA 7/07	IPOHE 7/07
1A	COBRA (2EC)	0.2	LAA	7	0	40	67	99	20
B	COBRA (2EC)	0.15	LAA	10					
C	SELECT (2EC)	0.094	LAA	10					
D	COC	0.63	PMV	10					
2A	COBRA (2EC)	0.25	LAA	7	0	43	67	99	20
B	COBRA (2EC)	0.15	LAA	10					
C	SELECT (2EC)	0.094	LAA	10					
D	COC	0.63	PMV	10					
3A	PROWL (3.3EC)	1.0	LAA	7	0	53	73	99	37
B	PURSUIT (2EC)	0.063	LAA	10					
C	SELECT (2EC)	0.094	LAA	10					
D	COC	1.25	PMV	10					
4A	COBRA (2EC)	0.25	LAA	9	3	43	96	98	17
B	COC	0.63	PMV	9					
C	COBRA (2EC)	0.094	LAA	10					
D	SELECT (2EC)	0.094	LAA	10					
E	COC	0.63	PMV	10					
5A	COBRA (2EC)	0.125	LAA	9	0	30	96	99	30
B	SELECT (2EC)	0.094	LAA	9					
C	COC	0.63	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
6A	UNTREATED CHECK	0.00	NA	-	0	0	0	0	0
7A	COBRA (2EC)	0.125	LAA	9	0	47	99	96	73
B	COC	0.63	PMV	9					
C	PURSUIT (2EC)	0.063	LAA	10					
D	SELECT (2EC)	0.094	LAA	10					
E	COC	1.25	PMV	10					
F	FERTILIZER - 28%UAN	2.5	PMV	10					
8A	COBRA (2EC)	0.063	LAA	9	0	73	99	99	77
B	PURSUIT (2EC)	0.063	LAA	9					
C	COC	0.63	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
E	SELECT (2EC)	0.094	LAA	10					
F	COC	1.25	PMV	10					

TITLE: SOY POST 5 COBRA, RESOURCE, CGA-248757

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/07	CHEAL 7/07	ABUTH 7/07	SETFA 7/07	IPOHE 7/07
9A	COBRA (2EC)	0.094	LAA	9	0	77	99	99	80
B	PURSUIT (2EC)	0.063	LAA	9					
C	COC	0.63	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
E	SELECT (2EC)	0.094	LAA	10					
F	COC	1.25	PMV	10					
10A	COBRA (2EC)	0.125	LAA	9	0	73	99	99	70
B	PURSUIT (2EC)	0.063	LAA	9					
C	COC	0.63	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
E	SELECT (2EC)	0.094	LAA	10					
F	COC	1.25	PMV	10					
11A	RESOURCE (2EC)	0.027	LAA	9	0	30	92	99	0
B	COC	1.0	PMV	9					
C	SELECT (2EC)	0.094	LAA	10					
D	COC	0.63	PMV	10					
12A	CGA-248757 (5WG)	0.005	LAA	9	0	40	92	99	0
B	COC	1.25	PMV	9					
C	SELECT (2EC)	0.094	LAA	10					
D	COC	0.63	PMV	10					
13A	RESOURCE (2EC)	0.027	LAA	9	0	67	85	99	20
B	BASAGRAN (4SL)	0.5	LAA	9					
C	COC	1.25	PMV	9					
D	SELECT (2EC)	0.094	LAA	10					
E	COC	0.63	PMV	10					
14A	CGA-248757 (5WG)	0.004	LAA	9	0	50	87	99	20
B	BASAGRAN (4SL)	0.5	LAA	9					
C	COC	1.25	PMV	9					
D	SELECT (2EC)	0.094	LAA	10					
E	COC	0.63	PMV	10					
15A	RESOURCE (2EC)	0.027	LAA	9	0	33	99	99	47
B	COBRA (2EC)	0.094	LAA	9					
C	COC	0.63	PMV	9					
D	SELECT (2EC)	0.094	LAA	10					
E	COC	0.63	PMV	10					
16A	RESOURCE (2EC)	0.027	LAA	9	0	77	96	99	63
B	PURSUIT (2SL)	0.063	LAA	9					
C	X-77	0.25	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
E	SELECT (2EC)	0.094	LAA	10					
F	COC	0.63	PMV	10					
17A	RESOURCE (2EC)	0.027	LAA	9	0	80	98	99	57
B	PURSUIT (2SL)	0.063	LAA	9					
C	COC	1.25	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
E	SELECT (2EC)	0.094	LAA	10					
F	COC	0.63	PMV	10					
18A	CGA-248757 (5WG)	0.003	LAA	9	0	37	86	99	30
B	BLAZER (2SL)	0.375	LAA	9					
C	COC	1.25	PMV	9					
D	SELECT (2EC)	0.094	LAA	10					
E	COC	0.63	PMV	10					

TITLE: SOY POST 5 COBRA, RESOURCE, CGA-248757

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/07	CHEAL 7/07	ABUTH 7/07	SETFA 7/07	IPOHE 7/07
19A	CGA-248757 (5WG)	0.002	LAA	9	0	30	83	99	40
B	BLAZER (2SL)	0.375	LAA	9					
C	COC	1.25	PMV	9					
D	SELECT (2EC)	0.094	LAA	10					
E	COC	0.63	PMV	10					
20A	RESOURCE (2EC)	0.027	LAA	9	0	47	91	99	50
B	BLAZER (2SL)	0.375	LAA	9					
C	COC	1.25	PMV	9					
D	SELECT (2EC)	0.094	LAA	10					
E	COC	0.63	PMV	10					
21A	PURSUIT (2SL)	0.063	LAA	9	0	77	99	99	60
B	X-77	0.25	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
D	SELECT (2EC)	0.094	LAA	10					
E	COC	0.63	PMV	10					
22A	PURSUIT (2SL)	0.063	LAA	9	0	95	99	99	90
B	PINNACLE (25DF)	0.004	LAA	9					
C	X-77	0.25	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
E	SELECT (2EC)	0.094	LAA	10					
F	COC	0.63	PMV	10					
23A	GALAXY (3.67SL)	0.92	LAA	9	0	77	95	96	50
B	FERTILIZER - 28%UAN	2.5	PMV	9					
C	SELECT (2EC)	0.094	LAA	10					
D	COC	0.63	PMV	10					
24A	CONCERT (25DF)	0.008	LAA	9	0	67	87	99	60
B	X-77	0.125	PMV	9					
C	FERTILIZER - 28%UAN	2.5	PMV	9					
D	SELECT (2EC)	0.094	LAA	10					
E	COC	0.63	PMV	10					
	LSD (0.05)				2	13	8	1	8

TITLE: SOY POST 6 BROADLEAF / GRASS COMBINATIONS

SOIL INFORMATION

TEXTURE: SIL
 PH: 5.7
 % OM: 5.3
 PREV. CROP: ZEAMD-CORN, DENT
 PLOT WIDTH: 7.50 FT
 PLOT LENGTH: 36.00 FT

TRIAL INFORMATION

DESIGN: RCB
 REPS: 3

APPLICATIONS

NUMBER:	/--01--\	/--02--\	/--03--\	UNIT
TYPE:	L	L	L	
APPL. DATE:	06/06	06/13	06/20	MDY
TIME - BEGIN:	02:00	05:30	03:30	
AIR TEMP.:	85	75	94	F°
REL. HUMID.:	70	95	80	%
WIND DIR.:	NW	SE	W	
WIND SPEED:	3.0	2.0	2.0	MPH
SKY COND.:	S	C	S	
LEAF MOIST:	D	M	D	
ROOT MOIST:	M	M	M	
SOIL TEMP.:	76	75	89	4 INCH
METHOD:	SP	SP	SP	
EQUIPMENT:	BAC	BAC	BAC	
PROPELLANT:	CO2	CO2	CO2	
PLACEMENT:	BC	BC	BC	
NOZZLE:	FF	FF	FF	
NOZZLE NUMBER:	5	5	5	
NOZZLE SPACING:	18.0	18.0	18.0	IN
SWATH WIDTH:	7.5	7.5	7.5	FT
BOOM HEIGHT:	20.0	20.0	20.0	IN
SPEED:	3.00	3.00	3.00	MPH
MIX SIZE:	0.39	0.39	0.39	
MIX SIZE UNIT:	GAL	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	20.00	
VOLUME UNIT:	GPA	GPA	GPA	
PRESSURE:	42.00	42.00	42.00	PSI
DILUENT:	WAT	WAT	WAT	
TIMINGS:	09	10	11	

* TIMING CODES
 09 = EARLY POST
 10 = POST
 11 = LATE POST

SPECIES STAGES

SPECIES:01 P GLXMA
COMMON NAME:SOYBEAN
TARGET:CROP
CULTIVAR:ELGIN

POPULATION: BU/A PLANTING DATE:05/16
PLANTING DEPTH:1.0 IN ROW WIDTH:30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/06	11	NA	4.00	4.00	4.00 IN
06/14	12	NA	5.00	5.00	5.00 IN
06/20	13	NA	6.00	6.00	6.00 IN

SPECIES:02 P SETFA
COMMON NAME:FOXTAIL, GIANT
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/06	12	H	2.00	2.00	2.00 IN
06/14	13	H	4.00	4.00	4.00 IN
06/20	14	H	5.00	5.00	5.00 IN

SPECIES:03 P ABUTH
COMMON NAME:VELVETLEAF
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/06	13	H	2.00	2.00	2.00 IN
06/14	14	H	2.00	3.00	2.50 IN

SPECIES:04 P XANST
COMMON NAME:COCKLEBUR, COMMON
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/06	12	H	2.00	2.00	2.00 IN
06/14	13	H	3.00	3.00	3.00 IN

SPECIES:04 P AMBEL
COMMON NAME:RAGWEED, COMMON
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/06	12	M	2.00	2.00	2.00 IN
06/14	13	M	3.00	3.00	3.00 IN

SPECIES:05 P PHBPU
COMMON NAME:MORNINGGLORY, TALL
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/06	12	H	1.00	1.00	1.00 IN
06/14	13	H	2.00	2.00	2.00 IN

- * STAGE CODE
11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: **SOY POST 6 BROADLEAF / GRASS COMBINATIONS**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/27	SETFA 6/27	ABUTH 6/27	XANST 6/27	AMBEL 6/27	PHBPU 6/27
1A	GALAXY (3.67SL)	0.92	LAA	10	20	95	98	99	98	94
B	COC	1.25	PMV	10						
C	FERTILIZER - 28%UAN	2.5	PMV	10						
D	SELECT (2EC)	0.063	LAA	11						
E	COC	1.25	PMV	11						
2A	GALAXY (3.67SL)	0.92	LAA	10	32	97	98	99	99	97
B	COC	1.25	PMV	10						
C	FERTILIZER - 28%UAN	2.5	PMV	10						
D	SELECT (2EC)	0.094	LAA	11						
E	COC	1.25	PMV	11						
3A	GALAXY (3.67SL)	0.92	LAA	10	17	98	98	99	99	98
B	COC	1.25	PMV	10						
C	FERTILIZER - 28%UAN	2.5	PMV	10						
D	SELECT (2EC)	0.094	LAA	11						
E	COC	1.25	PMV	11						
F	FERTILIZER - 28%UAN	1.25	PMV	11						
4A	CONCERT (25DF)	0.008	LAA	10	43	95	99	97	99	87
B	X-77	0.25	PMV	10						
C	FERTILIZER - 28%UAN	2.5	PMV	10						
D	ASSURE II (0.88EC)	0.055	LAA	11						
E	COC	1.00	PMV	11						
5A	PURSUIT (2SL)	0.063	LAA	10	18	90	98	97	98	97
B	SELECT (2EC)	0.094	LAA	10						
C	COC	1.25	PMV	10						
6A	UNTREATED CHECK	0.00	NA	-	0	0	0	0	0	0
7A	PURSUIT (2SL)	0.063	LAA	10	13	95	94	99	99	96
B	ASSURE II (0.88EC)	0.055	LAA	10						
C	COC	1.25	PMV	10						
8A	PURSUIT (2SL)	0.063	LAA	10	28	95	99	98	99	98
B	SELECT (2EC)	0.063	LAA	10						
C	COC	1.25	PMV	10						
D	FERTILIZER - 28%UAN	2.5	PMV	10						
9A	PURSUIT (2SL)	0.063	LAA	10	22	94	98	99	98	98
B	SELECT (2EC)	0.094	LAA	10						
C	COC	1.25	PMV	10						
D	FERTILIZER - 28%UAN	2.5	PMV	10						
10A	PURSUIT (2SL)	0.063	LAA	10	28	96	99	99	99	98
B	SELECT (2EC)	0.125	LAA	10						
C	COBRA (2EC)	0.125	LAA	10						
D	SUNIT II	1.25	PMV	10						
E	FERTILIZER - 28%UAN	1.25	PMV	10						
11A	PURSUIT (2SL)	0.063	LAA	9	0	96	99	97	98	97
B	OPTION II (0.8EC)	0.098	LAA	9						
C	COC	1.25	PMV	9						
D	FERTILIZER - 28%UAN	2.5	PMV	9						
12A	BASAGRAN (4SL)	0.5	LAA	10	8	98	93	99	91	85
B	SELECT (2EC)	0.094	LAA	10						
C	COC	1.00	PMV	10						
13A	BASAGRAN (4SL)	0.5	LAA	10	8	98	96	98	98	97
B	SELECT (2EC)	0.125	LAA	10						
C	COC	1.00	PMV	10						

TITLE: SOY POST 6 BROADLEAF / GRASS COMBINATIONS

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/27	SETFA 6/27	ABUTH 6/27	XANST 6/27	AMBEL 6/27	PHBPU 6/27
14A	BASAGRAN (4SL)	0.5	LAA	10	10	99	98	99	99	98
B	COBRA (2EC)	0.125	LAA	10						
C	SELECT (2EC)	0.125	LAA	10						
D	COC	1.00	PMV	10						
E	FERTILIZER - 28%UAN	2.5	PMV	10						
15A	GALAXY (3.67SL)	0.92	LAA	9	3	99	97	91	91	91
B	COC	1.25	PMV	9						
C	SELECT (2EC)	0.063	LAA	10						
D	COC	1.25	PMV	10						
16A	GALAXY (3.67SL)	0.92	LAA	9	7	99	95	96	95	92
B	COC	1.25	PMV	9						
C	SELECT (2EC)	0.094	LAA	10						
D	COC	1.25	PMV	10						
17A	GALAXY (3.67SL)	0.92	LAA	9	3	98	97	89	96	93
B	COC	1.25	PMV	9						
C	ASSURE II (0.88EC)	0.055	LAA	10						
D	COC	1.25	PMV	10						
18A	GALAXY (3.67SL)	0.92	LAA	9	7	99	97	85	95	84
B	SELECT (2EC)	0.094	LAA	10						
C	COC	0.63	PMV	10						
D	FERTILIZER - 28%UAN	1.25	PMV	10						
19A	GALAXY (3.67SL)	0.92	LAA	9	3	99	97	86	93	81
B	SELECT (2EC)	0.125	LAA	10						
C	COC	0.63	PMV	10						
D	FERTILIZER - 28%UAN	1.25	PMV	10						
20A	GALAXY (3.67SL)	0.92	LAA	9	2	53	98	99	98	94
B	OPTION II (0.8EC)	0.098	LAA	9						
C	COC	0.63	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
21A	CONCERT (25DF)	0.008	LAA	9	2	81	94	98	98	77
B	OPTION II (0.8EC)	0.118	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	2.5	PMV	9						
22A	PINNACLE (25DF)	0.004	LAA	9	2	78	98	93	83	82
B	BASAGRAN (4SL)	0.75	LAA	9						
C	OPTION II (0.8EC)	0.098	LAA	9						
D	X-77	0.25	PMV	9						
E	FERTILIZER - 28%UAN	2.5	PMV	9						
23A	PINNACLE (25DF)	0.004	LAA	10	47	96	98	99	99	97
B	COBRA (2EC)	0.125	LAA	10						
C	OPTION II (0.8EC)	0.098	LAA	10						
D	X-77	0.25	PMV	10						
E	FERTILIZER - 28%UAN	2.5	PMV	10						
24A	CLASSIC (25DF)	0.008	LAA	10	27	99	92	99	99	98
B	COBRA (2EC)	0.125	LAA	10						
C	SELECT (2EC)	0.125	LAA	10						
D	COC	0.63	PMV	10						
E	FERTILIZER - 28%UAN	1.25	PMV	10						
25A	PINNACLE (25DF)	0.004	LAA	9	5	96	99	97	98	99
B	PURSUIT (2SL)	0.063	LAA	9						
C	OPTION II (0.8EC)	0.098	LAA	9						
D	COC	1.25	PMV	9						
E	FERTILIZER - 28%UAN	2.5	PMV	9						

TITLE: SOY POST 6 BROADLEAF / GRASS COMBINATIONS

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/27	SETFA 6/27	ABUTH 6/27	XANST 6/27	AMBEL 6/27	PHBPU 6/27
26A	PINNACLE (25DF)	0.004	LAA	9	0	94	98	97	99	99
B	PURSUIT (2SL)	0.063	LAA	9						
C	OPTION II (0.8EC)	0.118	LAA	9						
D	COC	1.25	PMV	9						
E	FERTILIZER - 28%UAN	2.5	PMV	9						
	LSD (0.05)				12	13	3	9	8	14

TITLE: SOY POST 6 BROADLEAF / GRASS COMBINATIONS

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/08	SETFA 7/08	ABUTH 7/08	XANST 7/08	AMBEL 7/08	PHBPU 7/08
1A	GALAXY (3.67SL)	0.92	LAA	10	13	91	94	99	97	85
B	COC	1.25	PMV	10						
C	FERTILIZER - 28%UAN	2.5	PMV	10						
D	SELECT (2EC)	0.063	LAA	11						
E	COC	1.25	PMV	11						
2A	GALAXY (3.67SL)	0.92	LAA	10	16	98	95	99	98	96
B	COC	1.25	PMV	10						
C	FERTILIZER - 28%UAN	2.5	PMV	10						
D	SELECT (2EC)	0.094	LAA	11						
E	COC	1.25	PMV	11						
3A	GALAXY (3.67SL)	0.92	LAA	10	7	97	97	99	99	97
B	COC	1.25	PMV	10						
C	FERTILIZER - 28%UAN	2.5	PMV	10						
D	SELECT (2EC)	0.094	LAA	11						
E	COC	1.25	PMV	11						
F	FERTILIZER - 28%UAN	1.25	PMV	11						
4A	CONCERT (25DF)	0.008	LAA	10	27	96	95	98	94	72
B	X-77	0.25	PMV	10						
C	FERTILIZER - 28%UAN	2.5	PMV	10						
D	ASSURE II (0.88EC)	0.055	LAA	11						
E	COC	1.00	PMV	11						
5A	PURSUIT (2SL)	0.063	LAA	10	9	86	93	98	96	95
B	SELECT (2EC)	0.094	LAA	10						
C	COC	1.25	PMV	10						
6A	UNTREATED CHECK	0.00	NA	-	0	0	0	0	0	0
7A	PURSUIT (2SL)	0.063	LAA	10	7	88	85	99	98	98
B	ASSURE II (0.88EC)	0.055	LAA	10						
C	COC	1.25	PMV	10						
8A	PURSUIT (2SL)	0.063	LAA	10	13	84	94	97	98	96
B	SELECT (2EC)	0.063	LAA	10						
C	COC	1.25	PMV	10						
D	FERTILIZER - 28%UAN	2.5	PMV	10						
9A	PURSUIT (2SL)	0.063	LAA	10	12	92	96	99	95	98
B	SELECT (2EC)	0.094	LAA	10						
C	COC	1.25	PMV	10						
D	FERTILIZER - 28%UAN	2.5	PMV	10						

TITLE: SOY POST 6 BROADLEAF / GRASS COMBINATIONS

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/08	SETFA 7/08	ABUTH 7/08	XANST 7/08	AMBEL 7/08	PHBPU 7/08
10A	PURSUIT (2SL)	0.063	LAA	10	10	82	95	99	99	97
B	SELECT (2EC)	0.125	LAA	10						
C	COBRA (2EC)	0.125	LAA	10						
D	SUNIT II	1.25	PMV	10						
E	FERTILIZER - 28%UAN	1.25	PMV	10						
11A	PURSUIT (2SL)	0.063	LAA	9	0	89	98	94	97	96
B	OPTION II (0.8EC)	0.098	LAA	9						
C	COC	1.25	PMV	9						
D	FERTILIZER - 28%UAN	2.5	PMV	9						
12A	BASAGRAN (4SL)	0.5	LAA	10	2	96	79	97	83	83
B	SELECT (2EC)	0.094	LAA	10						
C	COC	1.00	PMV	10						
13A	BASAGRAN (4SL)	0.5	LAA	10	0	93	83	95	93	91
B	SELECT (2EC)	0.125	LAA	10						
C	COC	1.00	PMV	10						
14A	BASAGRAN (4SL)	0.5	LAA	10	2	95	94	99	99	92
B	COBRA (2EC)	0.125	LAA	10						
C	SELECT (2EC)	0.125	LAA	10						
D	COC	1.00	PMV	10						
E	FERTILIZER - 28%UAN	2.5	PMV	10						
15A	GALAXY (3.67SL)	0.92	LAA	9	0	92	90	81	80	90
B	COC	1.25	PMV	9						
C	SELECT (2EC)	0.063	LAA	10						
D	COC	1.25	PMV	10						
16A	GALAXY (3.67SL)	0.92	LAA	9	3	94	88	93	90	89
B	COC	1.25	PMV	9						
C	SELECT (2EC)	0.094	LAA	10						
D	COC	1.25	PMV	10						
17A	GALAXY (3.67SL)	0.92	LAA	9	0	88	89	86	96	90
B	COC	1.25	PMV	9						
C	ASSURE II (0.88EC)	0.055	LAA	10						
D	COC	1.25	PMV	10						
18A	GALAXY (3.67SL)	0.92	LAA	9	2	97	91	66	85	73
B	SELECT (2EC)	0.094	LAA	10						
C	COC	0.63	PMV	10						
D	FERTILIZER - 28%UAN	1.25	PMV	10						
19A	GALAXY (3.67SL)	0.92	LAA	9	5	98	96	76	83	72
B	SELECT (2EC)	0.125	LAA	10						
C	COC	0.63	PMV	10						
D	FERTILIZER - 28%UAN	1.25	PMV	10						
20A	GALAXY (3.67SL)	0.92	LAA	9	0	23	88	98	94	90
B	OPTION II (0.8EC)	0.098	LAA	9						
C	COC	0.63	PMV	9						
D	FERTILIZER - 28%UAN	1.25	PMV	9						
21A	CONCERT (25DF)	0.008	LAA	9	0	58	86	95	95	67
B	OPTION II (0.8EC)	0.118	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	2.5	PMV	9						
22A	PINNACLE (25DF)	0.004	LAA	9	0	42	96	89	76	76
B	BASAGRAN (4SL)	0.75	LAA	9						
C	OPTION II (0.8EC)	0.098	LAA	9						
D	X-77	0.25	PMV	9						
E	FERTILIZER - 28%UAN	2.5	PMV	9						

TITLE: SOY POST 6 BROADLEAF / GRASS COMBINATIONS

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/08	SETFA 7/08	ABUTH 7/08	XANST 7/08	AMBEL 7/08	PHBPU 7/08
23A	PINNACLE (25DF)	0.004	LAA	10	22	86	87	99	99	83
B	COBRA (2EC)	0.125	LAA	10						
C	OPTION II (0.8EC)	0.098	LAA	10						
D	X-77	0.25	PMV	10						
E	FERTILIZER - 28%UAN	2.5	PMV	10						
24A	CLASSIC (25DF)	0.008	LAA	10	7	98	75	99	97	92
B	COBRA (2EC)	0.125	LAA	10						
C	SELECT (2EC)	0.125	LAA	10						
D	COC	0.63	PMV	10						
E	FERTILIZER - 28%UAN	1.25	PMV	10						
25A	PINNACLE (25DF)	0.004	LAA	9	0	91	97	91	96	99
B	PURSUIT (2SL)	0.063	LAA	9						
C	OPTION II (0.8EC)	0.098	LAA	9						
D	COC	1.25	PMV	9						
E	FERTILIZER - 28%UAN	2.5	PMV	9						
26A	PINNACLE (25DF)	0.004	LAA	9	0	88	98	94	98	98
B	PURSUIT (2SL)	0.063	LAA	9						
C	OPTION II (0.8EC)	0.118	LAA	9						
D	COC	1.25	PMV	9						
E	FERTILIZER - 28%UAN	2.5	PMV	9						
	LSD (0.05)				8	14	8	15	17	18

TITLE: SOY POST 7 BASF SOLUBOR SAFENER

SOIL INFORMATION

TEXTURE: SIL .
PH: 5.7
% OM: 5.3
PREV. CROP: ZEAMD-CORN, DENT
PLOT WIDTH: 7.50 FT
PLOT LENGTH: 36.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS: 3

APPLICATIONS

NUMBER: /--01--\ UNIT
TYPE: L
APPL. DATE: 06/14 MDY
TIME - BEGIN: 05:30
AIR TEMP.: 75 F°
REL. HUMID.: 95 %
WIND DIR.: SE
WIND SPEED: 2.0 MPH
SKY COND.: C
LEAF MOIST: M
ROOT MOIST: M
SOIL TEMP.: 75 4 INCH
METHOD: SP
EQUIPMENT: BAC
PROPELLANT: CO2
PLACEMENT: BC
NOZZLE: FF
NOZZLE NUMBER: 5
NOZZLE SPACING: 18.0 IN
SWATH WIDTH: 7.5 FT
BOOM HEIGHT: 20.0 IN
SPEED: 3.0 MPH
MIX SIZE: 0.20
MIX SIZE UNIT: GAL
SPRAY VOLUME: 10.00
VOLUME UNIT: GPA
PRESSURE: 42.00 PSI
DILUENT: WAT

TIMINGS: 10

* TIMING CODES

10 = POST

SPECIES STAGES

SPECIES:01 P GLXMA
COMMON NAME:SOYBEAN
TARGET:CROP
CULTIVAR:ELGIN
POPULATION: BU/A PLANTING DATE:05/16
PLANTING DEPTH:1.0 IN ROW WIDTH:30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14	12	NA	5.00	5.00	5.00 IN

SPECIES:02 P ABUTH
COMMON NAME:VELVETLEAF
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14	14	H	2.00	2.00	2.00 IN

SPECIES:03 P PHBPU
COMMON NAME:MORNINGGLORY, TALL
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14	13	H	2.00	2.00	2.00 IN

SPECIES:04 P AMACH
COMMON NAME:PIGWED, SMOOTH
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14	15	H	3.00	3.00	3.00 IN

* STAGE CODE
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: SOY POST 7 BASF SOLUBOR SAFENER

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/27	ABUTH 6/27	PHBPU 6/27	AMACH 6/27
1A	GALAXY (3.67SL)	0.92	LAA	10	10	82	92	88
2A	GALAXY (3.67SL)	0.92	LAA	10	8	87	85	78
B	FERTILIZER - 28%UAN	1.25	PMV	10				
3A	GALAXY (3.67SL)	0.92	LAA	10	12	83	78	87
B	FERTILIZER - 28%UAN	2.5	PMV	10				
4A	UNTREATED CHECK	0.00	NA	-	0	0	0	0
5A	GALAXY (3.67SL)	0.92	LAA	10	10	88	82	90
B	SOLUBOR	0.25	LAA	10				
C	FERTILIZER - 28%UAN	1.25	PMV	10				
6A	GALAXY (3.67SL)	0.92	LAA	10	10	88	90	90
B	SOLUBOR	0.25	LAA	10				
C	FERTILIZER - 28%UAN	2.5	PMV	10				
7A	GALAXY (3.67SL)	0.92	LAA	10	8	87	93	90
B	FERTILIZER - 28%UAN	5.0	PMV	10				
8A	GALAXY (3.67SL)	1.38	LAA	10	8	85	93	93
9A	GALAXY (3.67SL)	1.38	LAA	10	10	90	98	95
B	FERTILIZER - 28%UAN	1.25	PMV	10				
10A	GALAXY (3.67SL)	1.38	LAA	10	10	96	92	87
B	FERTILIZER - 28%UAN	2.5	PMV	10				
11A	GALAXY (3.67SL)	1.38	LAA	10	8	93	95	94
B	SOLUBOR	0.25	LAA	10				
C	FERTILIZER - 28%UAN	1.25	PMV	10				
12A	GALAXY (3.67SL)	1.38	LAA	10	10	88	91	90
B	SOLUBOR	0.25	LAA	10				
C	FERTILIZER - 28%UAN	2.5	PMV	10				
13A	GALAXY (3.67SL)	1.38	LAA	10	8	90	92	93
B	FERTILIZER - 28%UAN	5.0	PMV	10				
14A	GALAXY (3.67SL)	1.38	LAA	10	10	90	93	88
B	SOLUBOR	0.25	LAA	10				
C	FERTILIZER - 28%UAN	5.0	PMV	10				
	LSD (0.05)				6	7	11	16

-CONTINUED-

TITLE: SOY POST 7 BASF SOLUBOR SAFENER

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/10	ABUTH 7/10	PHBPU 7/10	AMACH 7/10
1A	GALAXY (3.67SL)	0.92	LAA	10	5	80	82	88
2A	GALAXY (3.67SL)	0.92	LAA	10	5	83	83	83
B	FERTILIZER - 28%UAN	1.25	PMV	10				
3A	GALAXY (3.67SL)	0.92	LAA	10	8	83	65	78
B	FERTILIZER - 28%UAN	2.5	PMV	10				
4A	UNTREATED CHECK	0.00	NA	-	0	0	0	0
5A	GALAXY (3.67SL)	0.92	LAA	10	8	82	67	85
B	SOLUBOR	0.25	LAA	10				
C	FERTILIZER - 28%UAN	1.25	PMV	10				
6A	GALAXY (3.67SL)	0.92	LAA	10	8	85	80	88
B	SOLUBOR	0.25	LAA	10				
C	FERTILIZER - 28%UAN	2.5	PMV	10				
7A	GALAXY (3.67SL)	0.92	LAA	10	5	83	85	87
B	FERTILIZER - 28%UAN	5.0	PMV	10				
8A	GALAXY (3.67SL)	1.38	LAA	10	5	80	93	85
9A	GALAXY (3.67SL)	1.38	LAA	10	5	95	95	85
B	FERTILIZER - 28%UAN	1.25	PMV	10				
10A	GALAXY (3.67SL)	1.38	LAA	10	5	92	91	88
B	FERTILIZER - 28%UAN	2.5	PMV	10				
11A	GALAXY (3.67SL)	1.38	LAA	10	5	92	95	91
B	SOLUBOR	0.25	LAA	10				
C	FERTILIZER - 28%UAN	1.25	PMV	10				
12A	GALAXY (3.67SL)	1.38	LAA	10	7	90	93	85
B	SOLUBOR	0.25	LAA	10				
C	FERTILIZER - 28%UAN	2.5	PMV	10				
13A	GALAXY (3.67SL)	1.38	LAA	10	5	90	83	88
B	FERTILIZER - 28%UAN	5.0	PMV	10				
14A	GALAXY (3.67SL)	1.38	LAA	10	8	95	90	92
B	SOLUBOR	0.25	LAA	10				
C	FERTILIZER - 28%UAN	5.0	PMV	10				
	LSD (0.05)				3	8	16	15

TITLE: SOY POST 8 SILICONE ADJUVANT STUDY

SOIL INFORMATION

TEXTURE: SIL
PH: 6.2
% OM: 5.3
PREV. CROP: ZEAMD-CORN, DENT
PLOT WIDTH: 7.50 FT
PLOT LENGTH: 38.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS: 3

APPLICATIONS

NUMBER: /--01--\ UNIT
TYPE: L
APPL. DATE: 06/17 MDY
TIME - BEGIN: 08:30
AIR TEMP.: 84 F°
REL. HUMID.: 85 %
WIND DIR.: NA
WIND SPEED: 0.0 MPH
SKY COND.: S
LEAF MOIST: D
ROOT MOIST: M
SOIL TEMP.: 78 4 INCH
METHOD: SP
EQUIPMENT: BAC
PROPELLANT: CO2
PLACEMENT: BC
NOZZLE: FF
NOZZLE NUMBER: 5
NOZZLE SPACING: 18.0 IN
SWATH WIDTH: 7.5 FT
BOOM HEIGHT: 20.0 IN
SPEED: 3.0 MPH
MIX SIZE: 0.22
MIX SIZE UNIT: GAL
SPRAY VOLUME: 10.00
VOLUME UNIT: GPA
PRESSURE: 42.00 PSI
DILUENT: WAT

TIMINGS: 10

* TIMING CODES

10 = POST

SPECIES STAGES

SPECIES:01 P GLXMA
COMMON NAME:SOYBEAN
TARGET:CROP
CULTIVAR:ELGIN

POPULATION: BU/A PLANTING DATE:05/16

PLANTING DEPTH:1.0 IN ROW WIDTH:30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/17	13	NA	6.00	6.00	6.00 IN

SPECIES:02 P SETFA
COMMON NAME:FOXTAIL, GIANT

TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/17	14	H	5.00	5.00	5.00 IN

SPECIES:03 P IPOHE
COMMON NAME:MORNINGGLORY, IVYLEAF

TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/17	14	H	3.00	3.00	3.00 IN

SPECIES:04 P ABUTH
COMMON NAME:VELVETLEAF

TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/17	14	H	3.00	3.00	3.00 IN

SPECIES:05 P AMACH
COMMON NAME:PIGWED, SMOOTH

TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/17	17	H	4.00	4.00	4.00 IN

* STAGE CODE

13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: SOY POST 8 SILICONE ADJUVANT STUDY

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/29	SETFA 6/29	IPOHE 6/29	ABUTH 6/29	AMACH 6/29
1A	GALAXY (3.67SL)	0.46	LAA	10	20	70	30	50	50
B	POAST PLUS (1EC)	0.094	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
2A	GALAXY (3.67SL)	0.92	LAA	10	27	87	37	60	73
B	POAST PLUS (1EC)	0.188	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
3A	GALAXY (3.67SL)	0.46	LAA	10	20	50	30	50	50
B	POAST PLUS (1EC)	0.094	LAA	10					
C	SYLGARD	0.25	PMV	10					
4A	GALAXY (3.67SL)	0.92	LAA	10	40	77	43	60	73
B	POAST PLUS (1EC)	0.188	LAA	10					
C	SYLGARD	0.25	PMV	10					
5A	GALAXY (3.67SL)	0.46	LAA	10	20	50	30	50	50
B	POAST PLUS (1EC)	0.094	LAA	10					
C	SYLGARD	0.125	PMV	10					
6A	GALAXY (3.67SL)	0.92	LAA	10	37	83	40	57	60
B	POAST PLUS (1EC)	0.188	LAA	10					
C	SYLGARD	0.125	PMV	10					
7A	UNTREATED CHECK	0.00	NA	-	0	0	0	0	0
8A	GALAXY (3.67SL)	0.46	LAA	10	20	53	20	40	40
B	POAST PLUS (1EC)	0.094	LAA	10					
C	SILKIN	0.25	PMV	10					
9A	GALAXY (3.67SL)	0.92	LAA	10	37	73	37	50	63
B	POAST PLUS (1EC)	0.188	LAA	10					
C	SILKIN	0.25	PMV	10					
10A	GALAXY (3.67SL)	0.46	LAA	10	27	67	30	50	50
B	POAST PLUS (1EC)	0.094	LAA	10					
C	SILKIN	0.125	PMV	10					
11A	GALAXY (3.67SL)	0.92	LAA	10	40	90	47	60	77
B	POAST PLUS (1EC)	0.188	LAA	10					
C	SILKIN	0.125	PMV	10					
12A	GALAXY (3.67SL)	0.46	LAA	10	20	70	30	50	50
B	POAST PLUS (1EC)	0.094	LAA	10					
C	CENTURY	0.2	PMV	10					
13A	GALAXY (3.67SL)	0.92	LAA	10	33	87	50	60	73
B	POAST PLUS (1EC)	0.188	LAA	10					
C	CENTURY	0.2	PMV	10					
14A	GALAXY (3.67SL)	0.46	LAA	10	20	50	37	47	50
B	POAST PLUS (1EC)	0.094	LAA	10					
C	CENTURY	0.125	PMV	10					
15A	GALAXY (3.67SL)	0.92	LAA	10	30	90	50	67	70
B	POAST PLUS (1EC)	0.188	LAA	10					
C	CENTURY	0.125	PMV	10					
16A	GALAXY (3.67SL)	0.46	LAA	10	20	63	30	43	53
B	POAST PLUS (1EC)	0.094	LAA	10					
C	KINETIC	0.125	PMV	10					
17A	GALAXY (3.67SL)	0.92	LAA	10	30	73	40	57	67
B	POAST PLUS (1EC)	0.188	LAA	10					
C	KINETIC	0.125	PMV	10					

TITLE: SOY POST 8 SILICONE ADJUVANT STUDY

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/29	SETFA 6/29	IPOHE 6/29	ABUTH 6/29	AMACH 6/29
18A	GALAXY (3.67SL)	0.46	LAA	10	20	73	23	50	50
B	POAST PLUS (1EC)	0.094	LAA	10					
C	SILWET 77	0.125	PMV	10					
19A	GALAXY (3.67SL)	0.92	LAA	10	37	90	37	57	63
B	POAST PLUS (1EC)	0.188	LAA	10					
C	SILWET 77	0.125	PMV	10					
20A	GALAXY (3.67SL)	0.46	LAA	10	27	73	27	43	60
B	POAST PLUS (1EC)	0.094	LAA	10					
C	FREEWAY	0.125	PMV	10					
21A	GALAXY (3.67SL)	0.92	LAA	10	40	90	37	70	70
B	POAST PLUS (1EC)	0.188	LAA	10					
C	FREEWAY	0.125	PMV	10					
22A	GALAXY (3.67SL)	0.46	LAA	10	30	77	30	57	50
B	POAST PLUS (1EC)	0.094	LAA	10					
C	DYNE-AMIC	0.5	PMV	10					
23A	GALAXY (3.67SL)	0.92	LAA	10	30	87	40	63	63
B	POAST PLUS (1EC)	0.188	LAA	10					
C	DYNE-AMIC	0.5	PMV	10					
24A	GALAXY (3.67SL)	0.46	LAA	10	20	67	27	57	40
B	POAST PLUS (1EC)	0.094	LAA	10					
C	HEN002.94	0.25	PMV	10					
25A	GALAXY (3.67SL)	0.92	LAA	10	30	83	40	53	60
B	POAST PLUS (1EC)	0.188	LAA	10					
C	HEN002.94	0.25	PMV	10					
26A	GALAXY (3.67SL)	0.46	LAA	10	23	73	23	60	57
B	POAST PLUS (1EC)	0.094	LAA	10					
C	METH-OIL	1.00	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
	LSD (0.05)				7	13	7	9	7

-CONTINUED-

TITLE: SOY POST 8 SILICONE ADJUVANT STUDY

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/15	SETFA 7/15	IPOHE 7/15	ABUTH 7/15	AMACH 7/15
1A	GALAXY (3.67SL)	0.46	LAA	10	0	57	40	50	50
B	POAST PLUS (1EC)	0.094	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
2A	GALAXY (3.67SL)	0.92	LAA	10	5	77	40	57	77
B	POAST PLUS (1EC)	0.188	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
3A	GALAXY (3.67SL)	0.46	LAA	10	0	53	30	43	50
B	POAST PLUS (1EC)	0.094	LAA	10					
C	SYLGARD	0.25	PMV	10					
4A	GALAXY (3.67SL)	0.92	LAA	10	5	78	43	60	70
B	POAST PLUS (1EC)	0.188	LAA	10					
C	SYLGARD	0.25	PMV	10					
5A	GALAXY (3.67SL)	0.46	LAA	10	0	50	33	50	53
B	POAST PLUS (1EC)	0.094	LAA	10					
C	SYLGARD	0.125	PMV	10					
6A	GALAXY (3.67SL)	0.92	LAA	10	7	82	40	60	70
B	POAST PLUS (1EC)	0.188	LAA	10					
C	SYLGARD	0.125	PMV	10					
7A	UNTREATED CHECK	0.00	NA	-	0	0	0	0	0
8A	GALAXY (3.67SL)	0.46	LAA	10	0	50	27	40	40
B	POAST PLUS (1EC)	0.094	LAA	10					
C	SILKIN	0.25	PMV	10					
9A	GALAXY (3.67SL)	0.92	LAA	10	5	70	33	50	60
B	POAST PLUS (1EC)	0.188	LAA	10					
C	SILKIN	0.25	PMV	10					
10A	GALAXY (3.67SL)	0.46	LAA	10	2	60	30	40	40
B	POAST PLUS (1EC)	0.094	LAA	10					
C	SILKIN	0.125	PMV	10					
11A	GALAXY (3.67SL)	0.92	LAA	10	5	80	43	53	77
B	POAST PLUS (1EC)	0.188	LAA	10					
C	SILKIN	0.125	PMV	10					
12A	GALAXY (3.67SL)	0.46	LAA	10	0	63	30	43	50
B	POAST PLUS (1EC)	0.094	LAA	10					
C	CENTURY	0.2	PMV	10					
13A	GALAXY (3.67SL)	0.92	LAA	10	5	80	50	57	68
B	POAST PLUS (1EC)	0.188	LAA	10					
C	CENTURY	0.2	PMV	10					
14A	GALAXY (3.67SL)	0.46	LAA	10	0	60	30	40	47
B	POAST PLUS (1EC)	0.094	LAA	10					
C	CENTURY	0.125	PMV	10					
15A	GALAXY (3.67SL)	0.92	LAA	10	3	83	50	63	70
B	POAST PLUS (1EC)	0.188	LAA	10					
C	CENTURY	0.125	PMV	10					
16A	GALAXY (3.67SL)	0.46	LAA	10	0	63	30	40	47
B	POAST PLUS (1EC)	0.094	LAA	10					
C	KINETIC	0.125	PMV	10					
17A	GALAXY (3.67SL)	0.92	LAA	10	5	77	50	60	67
B	POAST PLUS (1EC)	0.188	LAA	10					
C	KINETIC	0.125	PMV	10					

TITLE: SOY POST 8 SILICONE ADJUVANT STUDY

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/15	SETFA 7/15	IPOHE 7/15	ABUTH 7/15	AMACH 7/15
18A	GALAXY (3.67SL)	0.46	LAA	10	0	63	27	43	50
B	POAST PLUS (1EC)	0.094	LAA	10					
C	SILWET 77	0.125	PMV	10					
19A	GALAXY (3.67SL)	0.92	LAA	10	5	80	30	47	50
B	POAST PLUS (1EC)	0.188	LAA	10					
C	SILWET 77	0.125	PMV	10					
20A	GALAXY (3.67SL)	0.46	LAA	10	0	60	27	43	50
B	POAST PLUS (1EC)	0.094	LAA	10					
C	FREWAY	0.125	PMV	10					
21A	GALAXY (3.67SL)	0.92	LAA	10	5	87	30	50	57
B	POAST PLUS (1EC)	0.188	LAA	10					
C	FREWAY	0.125	PMV	10					
22A	GALAXY (3.67SL)	0.46	LAA	10	0	63	30	43	50
B	POAST PLUS (1EC)	0.094	LAA	10					
C	DYNE-AMIC	0.5	PMV	10					
23A	GALAXY (3.67SL)	0.92	LAA	10	3	80	37	53	57
B	POAST PLUS (1EC)	0.188	LAA	10					
C	DYNE-AMIC	0.5	PMV	10					
24A	GALAXY (3.67SL)	0.46	LAA	10	0	67	30	43	47
B	POAST PLUS (1EC)	0.094	LAA	10					
C	HEN002.94	0.25	PMV	10					
25A	GALAXY (3.67SL)	0.92	LAA	10	5	80	40	57	60
B	POAST PLUS (1EC)	0.188	LAA	10					
C	HEN002.94	0.25	PMV	10					
26A	GALAXY (3.67SL)	0.46	LAA	10	2	70	27	47	47
B	POAST PLUS (1EC)	0.094	LAA	10					
C	METH-OIL	1.00	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
	LSD (0.05)				2	6	10	7	7

TITLE: SOY POST 9 REFLEX / ADJUVANT COMBINATIONS

SOIL INFORMATION

TEXTURE: SIL
 PH: 6.3
 % OM: 5.3
 PREV. CROP: ZEAMD-CORN, DENT
 PLOT WIDTH: 7.50 FT
 PLOT LENGTH: 38.00 FT

TRIAL INFORMATION

DESIGN: RCB
 REPS: 3

APPLICATIONS

NUMBER:	/--01--\	/--02--\	UNIT
TYPE:	L	L	
APPL. DATE:	06/17	06/23	MDY
TIME - BEGIN:	08:45	01:00	
AIR TEMP.:	85	87	F°
REL. HUMID.:	85	80	%
WIND DIR.:	NA	SW	
WIND SPEED:	0.0	5.0	MPH
SKY COND.:	S	C	
LEAF MOIST:	D	D	
ROOT MOIST:	M	M	
SOIL TEMP.:	78	83	4 INCH
METHOD:	SP	SP	
EQUIPMENT:	BAC	BAC	
PROPELLANT:	CO2	CO2	
PLACEMENT:	BC	BC	
NOZZLE:	FF	FF	
NOZZLE NUMBER:	5	5	
NOZZLE SPACING:	18.0	18.0	IN
SWATH WIDTH:	7.5	7.5	FT
BOOM HEIGHT:	20.0	20.0	IN
SPEED:	3.00	3.00	MPH
MIX SIZE:	0.41	0.41	
MIX SIZE UNIT:	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	
VOLUME UNIT:	GPA	GPA	
PRESSURE:	42.00	42.00	PSI
DILUENT:	WAT	WAT	

TIMINGS: 10 11

* TIMING CODES

10 = POST

11 = LATE POST

SPECIES STAGES

SPECIES:01 P GLXMA
COMMON NAME:SOYBEAN
TARGET:CROP
CULTIVAR:ELGIN

POPULATION: BU/A PLANTING DATE:05/16

PLANTING DEPTH:1.0 IN ROW WIDTH:30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/17	12	NA	6.00	6.00	6.00 IN
06/23	13	NA	7.00	7.00	7.00 IN

SPECIES:02 P SETFA
COMMON NAME:FOXTAIL, GIANT
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/17	13	H	5.00	5.00	5.00 IN
06/23	14	H	6.00	6.00	6.00 IN

SPECIES:03 P ABUTH
COMMON NAME:VELVETLEAF
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/17	14	H	3.00	3.00	3.00 IN
06/23	15	H	4.00	4.00	4.00 IN

SPECIES:04 P AMACH
COMMON NAME:PIGWEED, SMOOTH
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/17	16	H	3.00	3.00	3.00 IN
06/23	18	H	4.00	4.00	4.00 IN

SPECIES:05 P IPOHE
COMMON NAME:MORNINGGLORY, IVYLEAF
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/17	14	H	3.00	3.00	3.00 IN
06/23	15	H	4.00	4.00	4.00 IN

*** STAGE CODE**

- 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: **SOY POST 9 REFLEX / ADJUVANT COMBINATIONS**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/25	SETFA 6/25	ABUTH 6/25	AMACH 6/25	IPOHE 6/25
1A	REFLEX (2LC)	0.25	LAA	10	5	0	72	78	48
B	COC	1.0	PMV	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	FUSION (2.66EC)	0.166	LAA	11					
E	COC	1.0	PMV	11					
2A	REFLEX (2LC)	0.313	LAA	10	10	0	67	85	53
B	COC	1.0	PMV	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	FUSION (2.66EC)	0.166	LAA	11					
E	COC	1.0	PMV	11					
3A	REFLEX (2LC)	0.25	LAA	10	13	38	83	88	58
B	MSO	1.0	PMV	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	FUSION (2.66EC)	0.166	LAA	11					
E	COC	1.0	PMV	11					
4A	REFLEX (2LC)	0.313	LAA	10	10	20	75	90	75
B	MSO	1.0	PMV	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	FUSION (2.66EC)	0.166	LAA	11					
E	COC	1.0	PMV	11					
5A	UNTREATED CHECK	0.00	NA	-	0	0	0	0	0
6A	REFLEX-ADJ (1EC)	0.25	LAA	10	7	17	87	95	75
B	FERTILIZER - 28%UAN	2.5	PMV	10					
C	FUSION (2.66EC)	0.166	LAA	11					
D	COC	1.0	PMV	11					
7A	REFLEX-ADJ (1EC)	0.25	LAA	10	15	0	83	93	75
B	PINNACLE	0.002	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	FUSION (2.66EC)	0.166	LAA	11					
E	COC	1.0	PMV	11					
8A	REFLEX-ADJ (1EC)	0.25	LAA	10	13	0	85	90	70
B	BASAGRAN	0.25	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	FUSION (2.66EC)	0.166	LAA	11					
E	COC	1.0	PMV	11					
9A	REFLEX-ADJ (1EC)	0.313	LAA	10	13	0	87	93	68
B	FERTILIZER - 28%UAN	2.5	PMV	10					
C	FUSION (2.66EC)	0.166	LAA	11					
D	COC	1.0	PMV	11					
10A	REFLEX-ADJ (1EC)	0.313	LAA	10	7	13	80	93	75
B	PINNACLE	0.002	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	FUSION (2.66EC)	0.166	LAA	11					
E	COC	1.0	PMV	11					
11A	REFLEX-ADJ (1EC)	0.313	LAA	10	12	0	92	95	80
B	BASAGRAN	0.25	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	FUSION (2.66EC)	0.166	LAA	11					
E	COC	1.0	PMV	11					

TITLE: SOY POST 9 REFLEX / ADJUVANT COMBINATIONS

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/25	SETFA 6/25	ABUTH 6/25	AMACH 6/25	IPOHE 6/25
12A	REFLEX (2LC)	0.25	LAA	10	10	0	85	72	68
B	BASAGRAN	0.5	LAA	10					
C	COC	1.0	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
E	FUSION (2.66EC)	0.166	LAA	11					
F	COC	1.0	PMV	11					
13A	REFLEX (2LC)	0.25	LAA	10	13	0	90	90	75
B	BASAGRAN	0.25	LAA	10					
C	MSO	1.0	PMV	11					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
E	FUSION (2.66EC)	0.166	LAA	11					
F	COC	1.0	PMV	11					
14A	GALAXY (3.67SL)	0.92	LAA	10	8	0	85	78	82
B	FERTILIZER - 28%UAN	2.5	PMV	10					
C	FUSION (2.66EC)	0.166	LAA	11					
D	COC	1.0	PMV	11					
15A	CONCERT (25DF)	0.008	LAA	10	5	0	83	83	60
B	X-77	0.25	PMV	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	FUSION (2.66EC)	0.166	LAA	11					
E	COC	1.0	PMV	11					
16A	PURSUIT (2SL)	0.063	LAA	10	0	73	85	60	38
B	SUNIT II	1.0	PMV	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	FUSION (2.66EC)	0.166	LAA	11					
E	COC	1.0	PMV	11					
17A	REFLEX-ADJ (1EC)	0.25	LAA	10	7	82	83	95	77
B	FUSION (2.66EC)	0.166	LAA	10					
C	COC	1.0	PMV	10					
18A	REFLEX-ADJ (1EC)	0.313	LAA	10	12	83	83	92	72
B	FUSION (2.66EC)	0.166	LAA	10					
C	COC	1.0	PMV	10					
19A	BASAGRAN	0.75	LAA	10	13	70	83	95	55
B	PINNACLE	0.002	LAA	10					
C	FUSION (2.66EC)	0.187	LAA	10					
D	COC	1.0	PMV	10					
E	FERTILIZER - 28%UAN	2.5	PMV	10					
20A	CONCERT (25DF)	0.008	LAA	10	18	55	80	70	65
B	FUSION (2.66EC)	0.208	LAA	10					
C	COC	0.5	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
21A	BASAGRAN	0.25	LAA	10	13	83	87	85	73
B	REFLEX (2LC)	0.25	LAA	10					
C	FUSION (2.66EC)	0.187	LAA	10					
D	MSO	1.0	PMV	10					
E	FERTILIZER - 28%UAN	2.5	PMV	10					
22A	GALAXY (3.67SL)	0.92	LAA	10	12	72	87	95	78
B	POAST PLUS (1EC)	0.188	LAA	10					
C	SYLGARD	0.25	PMV	10					
23A	CONCERT (25DF)	0.008	LAA	10	7	57	88	75	53
B	ASSURE II (0.88EC)	0.048	LAA	10					
B	X-77	0.25	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					

TITLE: SOY POST 9 REFLEX / ADJUVANT COMBINATIONS

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/25	SETFA 6/25	ABUTH 6/25	AMACH 6/25	IPOHE 6/25
24A	CLASSIC (25DF)	0.01	LAA	10	10	50	85	60	37
B	ASSURE II (0.88EC)	0.048	LAA	10					
C	COC	1.00	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
	LSD (0.05)				6	24	19	22	25

TITLE: SOY POST 9 REFLEX / ADJUVANT COMBINATIONS

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/09	SETFA 7/09	ABUTH 7/09	AMACH 7/09	IPOHE 7/09
1A	REFLEX (2LC)	0.25	LAA	10	3	98	75	65	60
B	COC	1.0	PMV	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	FUSION (2.66EC)	0.166	LAA	11					
E	COC	1.0	PMV	11					
2A	REFLEX (2LC)	0.313	LAA	10	7	99	85	70	75
B	COC	1.0	PMV	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	FUSION (2.66EC)	0.166	LAA	11					
E	COC	1.0	PMV	11					
3A	REFLEX (2LC)	0.25	LAA	10	5	99	77	75	80
B	MSO	1.0	PMV	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	FUSION (2.66EC)	0.166	LAA	11					
E	COC	1.0	PMV	11					
4A	REFLEX (2LC)	0.313	LAA	10	5	98	87	87	78
B	MSO	1.0	PMV	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	FUSION (2.66EC)	0.166	LAA	11					
E	COC	1.0	PMV	11					
5A	UNTREATED CHECK	0.00	NA	-	0	0	0	0	0
6A	REFLEX-ADJ (1EC)	0.25	LAA	10	7	96	93	78	85
B	FERTILIZER - 28%UAN	2.5	PMV	10					
C	FUSION (2.66EC)	0.166	LAA	11					
D	COC	1.0	PMV	11					
7A	REFLEX-ADJ (1EC)	0.25	LAA	10	10	98	93	65	73
B	PINNACLE	0.002	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	FUSION (2.66EC)	0.166	LAA	11					
E	COC	1.0	PMV	11					
8A	REFLEX-ADJ (1EC)	0.25	LAA	10	7	96	94	62	85
B	BASAGRAN	0.25	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	FUSION (2.66EC)	0.166	LAA	11					
E	COC	1.0	PMV	11					
9A	REFLEX-ADJ (1EC)	0.313	LAA	10	5	96	90	83	85
B	FERTILIZER - 28%UAN	2.5	PMV	10					
C	FUSION (2.66EC)	0.166	LAA	11					
D	COC	1.0	PMV	11					

TITLE: SOY POST 9 REFLEX / ADJUVANT COMBINATIONS

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/09	SETFA 7/09	ABUTH 7/09	AMACH 7/09	IPOHE 7/09
10A	REFLEX-ADJ (1EC)	0.313	LAA	10	8	98	96	85	85
B	PINNACLE	0.002	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	FUSION (2.66EC)	0.166	LAA	11					
E	COC	1.0	PMV	11					
11A	REFLEX-ADJ (1EC)	0.313	LAA	10	8	95	92	82	93
B	BASAGRAN	0.25	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	FUSION (2.66EC)	0.166	LAA	11					
E	COC	1.0	PMV	11					
12A	REFLEX (2LC)	0.25	LAA	10	5	98	72	72	88
B	BASAGRAN	0.5	LAA	10					
C	COC	1.0	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
E	FUSION (2.66EC)	0.166	LAA	11					
F	COC	1.0	PMV	11					
13A	REFLEX (2LC)	0.25	LAA	10	5	99	90	70	90
B	BASAGRAN	0.25	LAA	10					
C	MSO	1.0	PMV	11					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
E	FUSION (2.66EC)	0.166	LAA	11					
F	COC	1.0	PMV	11					
14A	GALAXY (3.67SL)	0.92	LAA	10	5	99	90	75	82
B	FERTILIZER - 28%UAN	2.5	PMV	10					
C	FUSION (2.66EC)	0.166	LAA	11					
D	COC	1.0	PMV	11					
15A	CONCERT (25DF)	0.008	LAA	10	7	98	95	70	82
B	X-77	0.25	PMV	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	FUSION (2.66EC)	0.166	LAA	11					
E	COC	1.0	PMV	11					
16A	PURSUIT (2SL)	0.063	LAA	10	3	88	90	88	90
B	SUNIT II	1.0	PMV	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	FUSION (2.66EC)	0.166	LAA	11					
E	COC	1.0	PMV	11					
17A	REFLEX-ADJ (1EC)	0.25	LAA	10	5	73	96	67	72
B	FUSION (2.66EC)	0.166	LAA	10					
C	COC	1.0	PMV	10					
18A	REFLEX-ADJ (1EC)	0.313	LAA	10	5	65	95	70	87
B	FUSION (2.66EC)	0.166	LAA	10					
C	COC	1.0	PMV	10					
19A	BASAGRAN	0.75	LAA	10	5	53	93	45	90
B	PINNACLE	0.002	LAA	10					
C	FUSION (2.66EC)	0.187	LAA	10					
D	COC	1.0	PMV	10					
E	FERTILIZER - 28%UAN	2.5	PMV	10					
20A	CONCERT (25DF)	0.008	LAA	10	7	70	95	63	92
B	FUSION (2.66EC)	0.208	LAA	10					
C	COC	0.5	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					

TITLE: **SOY POST 9 REFLEX / ADJUVANT COMBINATIONS**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/09	SETFA 7/09	ABUTH 7/09	AMACH 7/09	IPOHE 7/09
21A	BASAGRAN	0.25	LAA	10	7	62	83	55	87
B	REFLEX (2LC)	0.25	LAA	10					
C	FUSION (2.66EC)	0.187	LAA	10					
D	M50	1.0	PMV	10					
E	FERTILIZER - 28%UAN	2.5	PMV	10					
22A	GALAXY (3.67SL)	0.92	LAA	10	12	60	95	70	90
B	POAST PLUS (1EC)	0.188	LAA	10					
C	SYLGARD	0.25	PMV	10					
23A	CÓNCERT (25DF)	0.008	LAA	10	7	81	95	48	95
B	ASSURE II (0.88EC)	0.048	LAA	10					
B	X-77	0.25	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
24A	CLASSIC (25DF)	0.01	LAA	10	8	94	47	77	87
B	ASSURE II (0.88EC)	0.048	LAA	10					
C	COC	1.00	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
	LSD (0.05)				3	20	14	25	19

TITLE: IGNITE RATE AND TIMING 1

SOIL INFORMATION

TEXTURE: SIL
 PH: 6.3
 % OM: 5.3
 PREV.CROP:NONE
 PLOT WIDTH: 7.50 FT
 PLOT LENGTH: 29.00 FT

TRIAL INFORMATION

DESIGN: RCB
 REPS:3

APPLICATIONS

NUMBER:	/--01--\	/--02--\	/--03--\	UNIT
TYPE:	L	L	L	
APPL. DATE:	05/05	05/20	05/28	MDY
TIME - BEGIN:	03:00	06:30	06:15	
AIR TEMP.:	70	60	62	F°
REL. HUMID.:	50	40	50	%
WIND DIR.:	NW	SW	SW	
WIND SPEED:	7.0	3.0	2.0	MPH
SKY COND.:	P	S	S	
LEAF MOIST:	D	D	M	
ROOT MOIST:	M	M	M	
SOIL TEMP.:	66	57	60	4 INCH
METHOD:	SP	SP	SP	
EQUIPMENT:	BAC	BAC	BAC	
PROPELLANT:	CO2	CO2	CO2	
PLACEMENT:	BC	BC	BC	
NOZZLE:	FF	FF	FF	
NOZZLE NUMBER:	5	5	5	
NOZZLE SPACING:	18.0	18.0	18.0	IN
SWATH WIDTH:	7.5	7.5	7.5	FT
BOOM HEIGHT:	20.0	20.0	20.0	IN
SPEED:	3.00	3.00	3.00	MPH
MIX SIZE:	0.32	0.32	0.32	
MIX SIZE UNIT:	GAL	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	20.00	
VOLUME UNIT:	GPA	GPA	GPA	
PRESSURE:	42.00	42.00	42.00	PSI
DILUENT:	WAT	WAT	WAT	

TIMINGS: 08 09 10

* TIMING CODES

08 = VERY EARLY POST
 09 = EARLY POST
 10 = POST

SPECIES STAGES

SPECIES:01 P SETFA
COMMON NAME:FOXTAIL, GIANT
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/05	12	H	1.00	1.00	1.00 IN
05/20	14	H	3.00	3.00	3.00 IN
05/28	14	H	6.00	6.00	6.00 IN

SPECIES:02 P CHEAL
COMMON NAME:LAMBSQUARTERS, COMMON
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/05	12	H	1.00	1.00	1.00 IN
05/20	14	H	3.00	3.00	3.00 IN
05/28	14	H	6.00	6.00	6.00 IN

SPECIES:03 P XANST
COMMON NAME:COCKLEBUR, COMMON
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/05	11	H	1.00	1.00	1.00 IN
05/20	13	H	3.00	3.00	3.00 IN
05/28	14	H	4.00	4.00	4.00 IN

SPECIES:04 P POLPY
COMMON NAME:SMARTWEED, PENNSYLVANIA
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/05	11	H	1.00	1.00	1.00 IN
05/20	14	H	3.00	4.00	3.50 IN
05/28	15	H	5.00	5.00	5.00 IN

- * STAGE CODE
- 11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
 - 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 - 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 - 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 - 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: IGNITE RATE AND TIMING 1

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	SETFA 7DAT	CHEAL 7DAT	XANST 7DAT	POLPY 7DAT
1A	IGNITE (1.67EC)	0.125	LAA	8	17	10	27	3
2A	IGNITE (1.67EC)	0.125	LAA	9	42	30	58	68
3A	IGNITE (1.67EC)	0.125	LAA	10	43	25	38	43
4A	IGNITE (1.67EC)	0.25	LAA	8	80	53	82	63
5A	IGNITE (1.67EC)	0.25	LAA	9	87	48	73	80
6A	IGNITE (1.67EC)	0.25	LAA	10	72	42	45	63
7A	UNTREATED CHECK	0.00	NA	-	0	0	0	0
8A	IGNITE (1.67EC)	0.375	LAA	8	88	68	77	70
9A	IGNITE (1.67EC)	0.375	LAA	9	93	54	79	94
10A	IGNITE (1.67EC)	0.375	LAA	10	87	65	70	83
11A	IGNITE (1.67EC)	0.5	LAA	8	94	88	98	95
12A	IGNITE (1.67EC)	0.5	LAA	9	99	77	98	96
13A	IGNITE (1.67EC)	0.5	LAA	10	99	77	98	96
14A	UNTREATED CHECK	0.00	NA	-	0	0	0	0
	LSD (0.05)				14	11	14	11

TITLE: IGNITE RATE AND TIMING 1

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	SETFA 14DAT	CHEAL 14DAT	XANST 14DAT	POLPY 14DAT
1A	IGNITE (1.67EC)	0.125	LAA	8	33	7	33	25
2A	IGNITE (1.67EC)	0.125	LAA	9	43	13	30	53
3A	IGNITE (1.67EC)	0.125	LAA	10	23	13	20	30
4A	IGNITE (1.67EC)	0.25	LAA	8	77	48	62	73
5A	IGNITE (1.67EC)	0.25	LAA	9	85	30	75	75
6A	IGNITE (1.67EC)	0.25	LAA	10	65	32	30	33
7A	UNTREATED CHECK	0.00	NA	-	0	0	0	0
8A	IGNITE (1.67EC)	0.375	LAA	8	90	63	78	80
9A	IGNITE (1.67EC)	0.375	LAA	9	96	40	83	87
10A	IGNITE (1.67EC)	0.375	LAA	10	92	40	50	52
11A	IGNITE (1.67EC)	0.5	LAA	8	96	78	80	91
12A	IGNITE (1.67EC)	0.5	LAA	9	96	62	90	98
13A	IGNITE (1.67EC)	0.5	LAA	10	92	58	52	82

TITLE: IGNITE RATE AND TIMING 1

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	SETFA 14DAT	CHEAL 14DAT	XANST 14DAT	POLPY 14DAT
14A	UNTREATED CHECK	0.00	NA	-	0	0	0	0
	LSD (0.05)				11	14	21	11

TITLE: IGNITE RATE AND TIMING 1

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	SETFA 21DAT	CHEAL 21DAT	XANST 21DAT	POLPY 21DAT
1A	IGNITE (1.67EC)	0.125	LAA	8	23	3	13	10
2A	IGNITE (1.67EC)	0.125	LAA	9	23	7	17	40
3A	IGNITE (1.67EC)	0.125	LAA	10	57	10	17	33
4A	IGNITE (1.67EC)	0.25	LAA	8	38	13	20	38
5A	IGNITE (1.67EC)	0.25	LAA	9	70	20	42	55
6A	IGNITE (1.67EC)	0.25	LAA	10	70	27	27	37
7A	UNTREATED CHECK	0.00	NA	-	0	0	0	0
8A	IGNITE (1.67EC)	0.375	LAA	8	77	28	28	57
9A	IGNITE (1.67EC)	0.375	LAA	9	87	30	63	83
10A	IGNITE (1.67EC)	0.375	LAA	10	85	27	37	37
11A	IGNITE (1.67EC)	0.5	LAA	8	58	48	25	72
12A	IGNITE (1.67EC)	0.5	LAA	9	88	33	52	75
13A	IGNITE (1.67EC)	0.5	LAA	10	92	33	50	60
14A	UNTREATED CHECK	0.00	NA	-	0	0	0	0
	LSD (0.05)				19	16	15	29

TITLE: IGNITE TANK MIX 1

SOIL INFORMATION

TEXTURE: SIL
PH: 6.3
% OM: 5.3
PREV. CROP: NONE
PLOT WIDTH: 7.50 FT
PLOT LENGTH: 20.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS: 3

APPLICATIONS

NUMBER: /--01--\ UNIT
TYPE: L
APPL. DATE: 05/21 MDY
TIME - BEGIN: 07:00
AIR TEMP.: 65 F°
REL. HUMID.: 70 %
WIND DIR.: SW
WIND SPEED: 3.0 MPH
SKY COND.: S
LEAF MOIST: M
ROOT MOIST: M
SOIL TEMP.: 62 4 INCH
METHOD: SP
EQUIPMENT: BAC
PROPELLANT: CO2
PLACEMENT: BC
NOZZLE: FF
NOZZLE NUMBER: 5
NOZZLE SPACING: 18.0 IN
SWATH WIDTH: 7.5 FT
BOOM HEIGHT: 20.0 IN
SPEED: 3.0 MPH
MIX SIZE: 0.23
MIX SIZE UNIT: GAL
SPRAY VOLUME: 20.00
VOLUME UNIT: GPA
PRESSURE: 42.00 PSI
DILUENT: WAT

TIMINGS: 11

* TIMING CODES
11 = LATE POST

SPECIES STAGES

SPECIES:01 P SETFA

COMMON NAME:FOXTAIL, GIANT

TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/21	13	H	3.00	3.00	3.00 IN

SPECIES:02 P CHEAL

COMMON NAME:LAMBSQUARTERS, COMMON

TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/21	16	H	3.00	4.00	3.50 IN

SPECIES:03 P POLPY

COMMON NAME:SMARTWEED, PENNSYLVANIA

TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/21	13	H	3.00	3.00	3.00 IN

SPECIES:04 P XANST

COMMON NAME:COCKLEBUR, COMMON

TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/21	12	H	3.00	3.00	3.00 IN

* STAGE CODE

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: **IGNITE TANK MIX 1**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	SETFA 5/28	CHEAL 5/28	POLPY 5/28	XANST 5/28
1A	IGNITE (1.66EC)	0.25	LAA	11	68	32	53	58
2A	IGNITE (1.66EC)	0.25	LAA	11	60	57	62	60
B	ATRAZINE (90DF)	1.5	LAA	11				
3A	IGNITE (1.66EC)	0.25	LAA	11	37	32	40	63
B	BLADEX (90DF)	2.00	LAA	11				
4A	IGNITE (1.66EC)	0.25	LAA	11	57	73	68	65
B	BICEP (6L)	3.7	LAA	11				
5A	IGNITE (1.66EC)	0.25	LAA	11	62	63	67	77
B	BULLET (4CS)	4.00	LAA	11				
6A	IGNITE (1.66EC)	0.25	LAA	11	70	82	60	77
B	FRONTIER (7.5EC)	1.41	LAA	11				
C	MARKSMAN (3.2SC)	1.4	LAA	11				
7A	IGNITE (1.66EC)	0.25	LAA	11	53	70	72	77
B	2.4-D LVE (3.8EC)	0.5	LAA	11				
8A	IGNITE (1.66EC)	0.25	LAA	11	72	38	60	75
B	BROADSTRIKE+DUAL (7.67L)	2.4	LAA	11				
9A	IGNITE (1.66EC)	0.25	LAA	11	67	53	62	77
B	CANOPY (75WG)	0.28	LAA	11				
10A	IGNITE (1.66EC)	0.25	LAA	11	55	80	60	75
B	SENCOR (75WG)	0.5	LAA	11				
11A	IGNITE (1.66EC)	0.25	LAA	11	85	35	73	92
B	PURSUIT (2SL)	0.063	LAA	11				
12A	IGNITE (1.66EC)	0.25	LAA	11	67	67	63	75
B	PREVIEW (75WG)	0.38	LAA	11				
13A	IGNITE (1.66EC)	0.25	LAA	11	80	35	63	70
B	PURSUIT PLUS (2.9EC)	0.94	LAA	11				
14A	IGNITE (1.66EC)	0.25	LAA	11	67	58	78	82
B	DUAL II (7.8EC)	2.5	LAA	11				
C	SENCOR (75WG)	0.5	LAA	11				
15A	UNTREATED CHECK	0.00	NA	0	0	0	0	0
16A	IGNITE (1.66EC)	0.375	LAA	11	95	50	80	85
17A	IGNITE (1.66EC)	0.375	LAA	11	92	60	87	80
B	ATRAZINE (90DF)	1.5	LAA	11				
18A	IGNITE (1.66EC)	0.375	LAA	11	62	47	80	78
B	BLADEX (90DF)	2.00	LAA	11				
19A	IGNITE (1.66EC)	0.375	LAA	11	82	77	90	85
B	BICEP (6L)	3.7	LAA	11				
20A	IGNITE (1.66EC)	0.375	LAA	11	70	77	82	73
B	BULLET (4CS)	4.00	LAA	11				
21A	IGNITE (1.66EC)	0.375	LAA	11	78	87	90	82
B	FRONTIER (7.5EC)	1.41	LAA	11				
C	MARKSMAN (3.2SC)	1.4	LAA	11				
22A	IGNITE (1.66EC)	0.375	LAA	11	82	82	92	80
B	2.4-D LVE (3.8EC)	0.5	LAA	11				

TITLE: IGNITE TANK MIX 1

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	SETFA 5/28	CHEAL 5/28	POLPY 5/28	XANST 5/28
23A	IGNITE (1.66EC)	0.375	LAA	11	87	58	77	78
B	BROADSTRIKE+DUAL (7.67L)	2.4	LAA	11				
24A	IGNITE (1.66EC)	0.375	LAA	11	82	80	88	80
B	CANOPY (75WG)	0.28	LAA	11				
25A	IGNITE (1.66EC)	0.375	LAA	11	73	78	87	87
B	SENCOR (75WG)	0.5	LAA	11				
26A	IGNITE (1.66EC)	0.375	LAA	11	83	45	78	87
B	PURSUIT (2SL)	0.063	LAA	11				
27A	IGNITE (1.66EC)	0.375	LAA	11	73	70	85	83
B	PREVIEW (75WG)	0.38	LAA	11				
28A	IGNITE (1.66EC)	0.375	LAA	11	80	45	83	75
B	PURSUIT PLUS (2.9EC)	0.94	LAA	11				
29A	IGNITE (1.66EC)	0.375	LAA	11	63	80	92	82
B	DUAL II (7.8EC)	2.5	LAA	11				
C	SENCOR (75WG)	0.5	LAA	11				
30A	UNTREATED CHECK	0.00	NA	0	0	0	0	0
	LSD (0.05)				15	15	16	13

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TITLE: IGNITE TANK MIX 1

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	SETFA 6/13	CHEAL 6/13	POLPY 6/13	XANST 6/13
1A	IGNITE (1.66EC)	0.25	LAA	11	70	13	23	43
2A	IGNITE (1.66EC)	0.25	LAA	11	50	43	33	47
B	ATRAZINE (90DF)	1.5	LAA	11				
3A	IGNITE (1.66EC)	0.25	LAA	11	40	27	37	80
B	BLADEX (90DF)	2.00	LAA	11				
4A	IGNITE (1.66EC)	0.25	LAA	11	58	62	57	67
B	BICEP (6L)	3.7	LAA	11				
5A	IGNITE (1.66EC)	0.25	LAA	11	63	33	48	57
B	BULLET (4CS)	4.00	LAA	11				
6A	IGNITE (1.66EC)	0.25	LAA	11	62	90	53	87
B	FRONTIER (7.5EC)	1.41	LAA	11				
C	MARKSMAN (3.2SC)	1.4	LAA	11				
7A	IGNITE (1.66EC)	0.25	LAA	11	37	85	55	92
B	2.4-D LVE (3.8EC)	0.5	LAA	11				
8A	IGNITE (1.66EC)	0.25	LAA	11	63	37	53	50
B	BROADSTRIKE+DUAL (7.67L)	2.4	LAA	11				
9A	IGNITE (1.66EC)	0.25	LAA	11	50	72	73	92
B	CANOPY (75WG)	0.28	LAA	11				
10A	IGNITE (1.66EC)	0.25	LAA	11	40	83	68	60
B	SENCOR (75WG)	0.5	LAA	11				
11A	IGNITE (1.66EC)	0.25	LAA	11	73	23	62	88
B	PURSUIT (2SL)	0.063	LAA	11				
12A	IGNITE (1.66EC)	0.25	LAA	11	60	75	63	83
B	PREVIEW (75WG)	0.38	LAA	11				
13A	IGNITE (1.66EC)	0.25	LAA	11	67	23	53	90
B	PURSUIT PLUS (2.9EC)	0.94	LAA	11				
14A	IGNITE (1.66EC)	0.25	LAA	11	50	50	85	88
B	DUAL II (7.8EC)	2.5	LAA	11				
C	SENCOR (75WG)	0.5	LAA	11				
15A	UNTREATED CHECK	0.00	NA	0	0	0	0	0
16A	IGNITE (1.66EC)	0.375	LAA	11	82	30	47	73
17A	IGNITE (1.66EC)	0.375	LAA	11	77	37	77	80
B	ATRAZINE (90DF)	1.5	LAA	11				
18A	IGNITE (1.66EC)	0.375	LAA	11	53	30	57	87
B	BLADEX (90DF)	2.00	LAA	11				
19A	IGNITE (1.66EC)	0.375	LAA	11	65	83	72	67
B	BICEP (6L)	3.7	LAA	11				
20A	IGNITE (1.66EC)	0.375	LAA	11	55	82	67	80
B	BULLET (4CS)	4.00	LAA	11				
21A	IGNITE (1.66EC)	0.375	LAA	11	65	87	77	75
B	FRONTIER (7.5EC)	1.41	LAA	11				
C	MARKSMAN (3.2SC)	1.4	LAA	11				
22A	IGNITE (1.66EC)	0.375	LAA	11	60	87	67	67
B	2.4-D LVE (3.8EC)	0.5	LAA	11				

TITLE: **IGNITE TANK MIX 1**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	SETFA 6/13	CHEAL 6/13	POLPY 6/13	XANST 6/13
23A	IGNITE (1.66EC)	0.375	LAA	11	65	58	70	50
B	BROADSTRIKE+DUAL (7.67L)	2.4	LAA	11				
24A	IGNITE (1.66EC)	0.375	LAA	11	72	82	83	83
B	CANOPY (75WG)	0.28	LAA	11				
25A	IGNITE (1.66EC)	0.375	LAA	11	55	78	75	67
B	SENCOR (75WG)	0.5	LAA	11				
26A	IGNITE (1.66EC)	0.375	LAA	11	77	27	47	87
B	PURSUIT (2SL)	0.063	LAA	11				
27A	IGNITE (1.66EC)	0.375	LAA	11	63	75	83	80
B	PREVIEW (75WG)	0.38	LAA	11				
28A	IGNITE (1.66EC)	0.375	LAA	11	62	30	67	67
B	PURSUIT PLUS (2.9EC)	0.94	LAA	11				
29A	IGNITE (1.66EC)	0.375	LAA	11	50	70	92	72
B	DUAL II (7.8EC)	2.5	LAA	11				
C	SENCOR (75WG)	0.5	LAA	11				
30A	UNTREATED CHECK	0.00	NA	0	0	0	0	0
	LSD (0.05)				22	23	23	28

TITLE: DEKALB CORN NO-TILL

SOIL INFORMATION

TEXTURE: SICL
 PH: 6.1
 % OM: 5.0
 PREV.CROP: GLXMA-SOYBEAN
 PLOT WIDTH: 10.00 FT
 PLOT LENGTH: 30.00 FT

TRIAL INFORMATION

DESIGN: RCB
 REPS:3

APPLICATIONS

NUMBER:	/--01--\	/--02--\	/--03--\	/--04--\	UNIT
TYPE:	L	L	L	L	
APPL. DATE:	04/14	04/28	05/25	06/01	
TIME - BEGIN:	01:15	08:00	11:15	08:30	H
AIR TEMP.:	68	45	82	72	F°
REL. HUMID.:	60	75	75	50	%
WIND DIR.:	S	NW	N	NW	
WIND SPEED:	10.0	10.0	5.0	10.0	MPH
SKY COND.:	S	C	P	S	
LEAF MOIST:	D	D	D	D	
ROOT MOIST:	M	M	M	D	
SOIL TEMP.:	50	55	79	65	4 INCH
METHOD:	SP	SP	SP	SP	
EQUIPMENT:	BAC	BAC	BAC	BAC	
PROPELLANT:	CO2	CO2	CO2	CO2	
PLACEMENT:	BC	BC	BC	BC	
NOZZLE:	FF	FF	FF	FF	
NOZZLE NUMBER:	6	6	6	6	
NOZZLE SPACING:	20.0	20.0	20.0	20.0	IN
SWATH WIDTH:	10.0	10.0	10.0	10.0	FT
BOOM HEIGHT:	20.0	20.0	20.0	20.0	IN
SPEED:	3.00	3.00	3.00	3.00	MPH
MIX SIZE:	0.43	0.43	0.43	0.43	
MIX SIZE UNIT:	GAL	GAL	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	20.00	20.00	
VOLUME UNIT:	GPA	GPA	GPA	GPA	
PRESSURE:	32.00	32.00	42.00	42.00	PSI
DILUENT:	WAT	WAT	WAT	WAT	
TIMINGS:	04	07	08	09	

* TIMING CODES

04 = EPP 15 DAYS BEFORE PLANTING.
 07 = PRE
 08 = VERY EARLY POST
 09 = EARLY POST

SPECIES STAGES

SPECIES:01 P ZEAMD	COMMON NAME:CORN, DENT	CULTIVAR:DEKALB 591			
TARGET:CROP	POPULATION:30900 A	PLANTING DATE:04/25			
PLANTING DEPTH:2.0 IN	ROW WIDTH:30.0 IN				
STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/25	12	NA	2.00	4.00	3.00 IN
06/01	15	NA	7.00	7.00	7.00 IN

SPECIES:02 P SETFA	COMMON NAME:FOXTAIL, GIANT				
TARGET:PEST					
STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/25	12	H	0.50	1.50	1.00 IN
06/01	15	H	5.00	5.00	5.00 IN

SPECIES:03 P AMBTR	COMMON NAME:RAGWEED, GIANT				
TARGET:PEST					
STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/25	13	H	1.00	2.00	1.50 IN
06/01	19	H	4.00	4.00	4.00 IN

SPECIES:04 P CHEAL	COMMON NAME:LAMBSQUARTERS, COMMON				
TARGET:PEST					
STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/25	15	H	1.00	2.00	1.50 IN
06/01	19	H	4.00	4.00	4.00 IN

SPECIES:05 P ABUTH	COMMON NAME:VELVETLEAF				
TARGET:PEST					
STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/25	12	LOW	0.50	1.50	1.00 IN
06/01	14	LOW	1.50	1.50	1.50 IN

- * STAGE CODE
- 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 - 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 - 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 - 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 - 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 - NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: **DEKALB CORN NO-TILL**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	SETFA 6/14	AMBTR 6/14	CHEAL 6/14	ABUTH 6/14
1A	ROUNDUP (3SL)	0.56	LAA	4	72	85	96	85
B	2.4-D LVE (3.8EC)	0.5	LAA	4				
C	X-77	0.5	PMV	4				
D	BICEP II (5.9L)	4.43	LAA	4				
2A	ROUNDUP (3SL)	0.56	LAA	4	53	50	98	81
B	2.4-D LVE (3.8EC)	0.5	LAA	4				
C	X-77	0.5	PMV	4				
D	GUARDSMAN (5L)	3.13	LAA	4				
3A	ROUNDUP (3SL)	0.56	LAA	4	72	71	96	77
B	2.4-D LVE (3.8EC)	0.5	LAA	4				
C	X-77	0.5	PMV	4				
D	HARNES PLUS(7EC)	2.4	LAA	4				
E	ATRAZINE (90WG)	1.5	LAA	4				
4A	ROUNDUP (3SL)	0.56	LAA	4	78	80	95	85
B	2.4-D LVE (3.8EC)	0.5	LAA	4				
C	X-77	0.5	PMV	4				
D	HARNES PLUS(7EC)	2.4	LAA	4				
E	BATTALION (15WG)	0.075	LAA	4				
5A	ROUNDUP (3SL)	0.56	LAA	4	55	53	99	85
B	2.4-D LVE (3.8EC)	0.5	LAA	4				
C	X-77	0.5	PMV	4				
D	EXTRAZINE II (90WG)	4.5	LAA	4				
6A	ROUNDUP (3SL)	0.56	LAA	4	57	73	86	93
B	2.4-D LVE (3.8EC)	0.5	LAA	4				
C	X-77	0.5	PMV	4				
D	BROADSTRIKE+DUAL(7.67L)	2.6	LAA	4				
7A	ROUNDUP (3SL)	0.56	LAA	4	72	65	80	83
B	2.4-D LVE (3.8EC)	0.5	LAA	4				
C	X-77	0.5	PMV	4				
D	BROADSTRK.PLUS(85.6DF)	0.26	LAA	4				
E	DUAL II (7.8EC)	2.4	LAA	4				
8A	ROUNDUP (3SL)	0.56	LAA	4	60	70	95	74
B	2.4-D LVE (3.8EC)	0.5	LAA	4				
C	X-77	0.5	PMV	4				
D	SURPASS (6.4EC)	2.4	LAA	4				
E	ATRAZINE (90WG)	1.5	LAA	4				
9A	ROUNDUP (3SL)	0.56	LAA	4	82	96	99	99
B	2.4-D LVE (3.8EC)	0.5	LAA	4				
C	X-77	0.5	PMV	4				
D	FRONTIER(7.5EC)	1.46	LAA	4				
E	MARKSMAN (3.2SC)	1.4	LAA	9				
F	FERTILIZER - 28%UAN	2.5	PMV	9				
10	ROUNDUP (3SL)	0.56	LAA	4	73	96	93	88
B	2.4-D LVE (3.8EC)	0.5	LAA	4				
C	X-77	0.5	PMV	4				
D	FRONTIER(7.5EC)	1.46	LAA	4				
E	CLARITY (4SL)	0.5	LAA	9				
F	FERTILIZER - 28%UAN	2.5	PMV	9				
11A	ROUNDUP (3SL)	0.56	LAA	4	48	98	99	99
B	2.4-D LVE (3.8EC)	0.5	LAA	4				
C	X-77	0.5	PMV	4				
D	EXTRAZINE II (90WG)	3.4	LAA	4				
E	MARKSMAN (3.2SC)	1.4	LAA	9				
F	FERTILIZER - 28%UAN	2.5	PMV	9				

TITLE: DEKALB CORN NO-TILL

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	SETFA 6/14	AMBTR 6/14	CHEAL 6/14	ABUTH 6/14
12A	ROUNDUP (3SL)	0.56	LAA	4	47	98	99	99
B	2.4-D LVE (3.8EC)	0.5	LAA	4				
C	X-77	0.5	PMV	4				
D	EXTRAZINE II (90WG)	3.4	LAA	4				
E	CLARITY (4SL)	0.5	LAA	9				
F	FERTILIZER - 28%UAN	2.5	PMV	9				
13A	ROUNDUP (3SL)	0.56	LAA	4	37	91	96	99
B	2.4-D LVE (3.8EC)	0.5	LAA	4				
C	X-77	0.5	PMV	4				
D	EXTRAZINE II (90WG)	3.0	LAA	4				
E	EXTRAZINE II (90WG)	1.5	LAA	9				
14A	ROUNDUP (3SL)	0.56	LAA	4	75	90	85	96
B	2.4-D LVE (3.8EC)	0.5	LAA	4				
C	X-77	0.5	PMV	4				
D	EXTRAZINE II (90WG)	3.0	LAA	4				
E	ACCENT (75WG)	0.031	LAA	9				
F	COC	1.0	PMV	9				
G	FERTILIZER - 28%UAN	2.5	PMV	9				
15A	ROUNDUP (3SL)	0.56	LAA	4	77	95	99	90
B	2.4-D LVE (3.8EC)	0.5	LAA	4				
C	X-77	0.5	PMV	4				
D	FRONTIER(7.5EC)	1.00	LAA	4				
E	FRONTIER(7.5EC)	0.47	LAA	8				
F	MARKSMAN (3.2SC)	1.4	LAA	8				
G	FERTILIZER - 28%UAN	2.5	PMV	8				
16A	ROUNDUP (3SL)	0.56	LAA	4	73	83	99	93
B	2.4-D LVE (3.8EC)	0.5	LAA	4				
C	X-77	0.5	PMV	4				
D	FRONTIER(7.5EC)	1.00	LAA	4				
E	FRONTIER(7.5EC)	0.47	LAA	8				
F	CLARITY (4SL)	0.5	LAA	8				
G	FERTILIZER - 28%UAN	2.5	PMV	8				
17A	ROUNDUP (3SL)	0.56	LAA	7	75	95	99	82
B	2.4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	BICEP II (5.9L)	4.43	LAA	7				
18A	ROUNDUP (3SL)	0.56	LAA	7	82	88	99	83
B	2.4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	GUARDSMAN (5L)	3.13	LAA	7				
19A	ROUNDUP (3SL)	0.56	LAA	7	88	83	99	87
B	2.4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	HARNESS PLUS(7EC)	2.4	LAA	7				
E	ATRAZINE (90WG)	1.5	LAA	7				
20A	ROUNDUP (3SL)	0.56	LAA	7	85	93	98	98
B	2.4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	HARNESS PLUS(7EC)	2.4	LAA	7				
E	BATTALION (15WG)	0.075	LAA	7				
21A	ROUNDUP (3SL)	0.56	LAA	7	60	66	99	90
B	2.4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	EXTRAZINE II (90WG)	4.5	LAA	7				

TITLE: **DEKALB CORN NO-TILL**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	SETFA 6/14	AMBTR 6/14	CHEAL 6/14	ABUTH 6/14
22A	ROUNDUP (3SL)	0.56	LAA	7	62	99	93	82
B	2.4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	BROADSTRIKE+DUAL (7.67L)	2.6	LAA	7				
23A	ROUNDUP (3SL)	0.56	LAA	7	77	91	96	98
B	2.4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	BROADSTRK.PLUS (85.6DF)	0.26	LAA	7				
E	DUAL II (7.8EC)	2.4	LAA	7				
24A	ROUNDUP (3SL)	0.56	LAA	7	83	81	99	83
B	2.4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	SURPASS (6.4EC)	2.4	LAA	7				
E	ATRAZINE (90WG)	1.5	LAA	7				
25A	ROUNDUP (3SL)	0.56	LAA	7	72	99	96	93
B	2.4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	CLARITY (4SL)	0.5	LAA	9				
E	ACCENT (75WG)	0.031	LAA	9				
F	X-77	0.25	PMV	9				
G	FERTILIZER - 28%UAN	2.5	PMV	9				
26A	ROUNDUP (3SL)	0.56	LAA	7	0	0	0	0
B	2.4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	CHECK	-	-	-				
	LSD (0.05)				22	29	13	15

-CONTINUED-

TITLE: DEKALB CORN NO-TILL

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	SETFA 6/29	AMBTR 6/29	CHEAL 6/29	ABUTH 6/29
1A	ROUNDUP (3SL)	0.56	LAA	4	17	57	60	76
B	2.4-D LVE (3.8EC)	0.5	LAA	4				
C	X-77	0.5	PMV	4				
D	BICEP II (5.9L)	4.43	LAA	4				
2A	ROUNDUP (3SL)	0.56	LAA	4	17	27	50	50
B	2.4-D LVE (3.8EC)	0.5	LAA	4				
C	X-77	0.5	PMV	4				
D	GUARDSMAN (5L)	3.13	LAA	4				
3A	ROUNDUP (3SL)	0.56	LAA	4	13	41	83	56
B	2.4-D LVE (3.8EC)	0.5	LAA	4				
C	X-77	0.5	PMV	4				
D	HARNESS PLUS (7EC)	2.4	LAA	4				
E	ATRAZINE (90WG)	1.5	LAA	4				
4A	ROUNDUP (3SL)	0.56	LAA	4	38	56	80	73
B	2.4-D LVE (3.8EC)	0.5	LAA	4				
C	X-77	0.5	PMV	4				
D	HARNESS PLUS (7EC)	2.4	LAA	4				
E	BATTALION (15WG)	0.075	LAA	4				
5A	ROUNDUP (3SL)	0.56	LAA	4	13	48	99	76
B	2.4-D LVE (3.8EC)	0.5	LAA	4				
C	X-77	0.5	PMV	4				
D	EXTRAZINE II (90WG)	4.5	LAA	4				
6A	ROUNDUP (3SL)	0.56	LAA	4	10	46	80	90
B	2.4-D LVE (3.8EC)	0.5	LAA	4				
C	X-77	0.5	PMV	4				
D	BROADSTRIKE+DUAL (7.67L)	2.6	LAA	4				
7A	ROUNDUP (3SL)	0.56	LAA	4	13	28	55	63
B	2.4-D LVE (3.8EC)	0.5	LAA	4				
C	X-77	0.5	PMV	4				
D	BROADSTRK. PLUS (85.6DF)	0.26	LAA	4				
E	DUAL II (7.8EC)	2.4	LAA	4				
8A	ROUNDUP (3SL)	0.56	LAA	4	35	56	73	68
B	2.4-D LVE (3.8EC)	0.5	LAA	4				
C	X-77	0.5	PMV	4				
D	SURPASS (6.4EC)	2.4	LAA	4				
E	ATRAZINE (90WG)	1.5	LAA	4				
9A	ROUNDUP (3SL)	0.56	LAA	4	48	87	99	98
B	2.4-D LVE (3.8EC)	0.5	LAA	4				
C	X-77	0.5	PMV	4				
D	FRONTIER (7.5EC)	1.46	LAA	4				
E	MARKSMAN (3.2SC)	1.4	LAA	9				
F	FERTILIZER - 28%UAN	2.5	PMV	9				
10	ROUNDUP (3SL)	0.56	LAA	4	22	78	99	95
B	2.4-D LVE (3.8EC)	0.5	LAA	4				
C	X-77	0.5	PMV	4				
D	FRONTIER (7.5EC)	1.46	LAA	4				
E	CLARITY (4SL)	0.5	LAA	9				
F	FERTILIZER - 28%UAN	2.5	PMV	9				
11A	ROUNDUP (3SL)	0.56	LAA	4	20	94	99	99
B	2.4-D LVE (3.8EC)	0.5	LAA	4				
C	X-77	0.5	PMV	4				
D	EXTRAZINE II (90WG)	3.4	LAA	4				
E	MARKSMAN (3.2SC)	1.4	LAA	9				
F	FERTILIZER - 28%UAN	2.5	PMV	9				

TITLE: **DEKALB CORN NO-TILL**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	SETFA 6/29	AMBTR 6/29	CHEAL 6/29	ABUTH 6/29
12A	ROUNDUP (3SL)	0.56	LAA	4	5	96	99	99
B	2.4-D LVE (3.8EC)	0.5	LAA	4				
C	X-77	0.5	PMV	4				
D	EXTRAZINE II (90WG)	3.4	LAA	4				
E	CLARITY (4SL)	0.5	LAA	9				
F	FERTILIZER - 28%UAN	2.5	PMV	9				
13A	ROUNDUP (3SL)	0.56	LAA	4	5	95	99	99
B	2.4-D LVE (3.8EC)	0.5	LAA	4				
C	X-77	0.5	PMV	4				
D	EXTRAZINE II (90WG)	3.0	LAA	4				
E	EXTRAZINE II (90WG)	1.5	LAA	9				
14A	ROUNDUP (3SL)	0.56	LAA	4	85	73	73	89
B	2.4-D LVE (3.8EC)	0.5	LAA	4				
C	X-77	0.5	PMV	4				
D	EXTRAZINE II (90WG)	3.0	LAA	4				
E	ACCENT (75WG)	0.031	LAA	9				
F	COC	1.0	PMV	9				
G	FERTILIZER - 28%UAN	2.5	PMV	9				
15A	ROUNDUP (3SL)	0.56	LAA	4	45	94	99	73
B	2.4-D LVE (3.8EC)	0.5	LAA	4				
C	X-77	0.5	PMV	4				
D	FRONTIER (7.5EC)	1.00	LAA	4				
E	FRONTIER (7.5EC)	0.47	LAA	8				
F	MARKSMAN (3.2SC)	1.4	LAA	8				
G	FERTILIZER - 28%UAN	2.5	PMV	8				
16A	ROUNDUP (3SL)	0.56	LAA	4	23	67	99	73
B	2.4-D LVE (3.8EC)	0.5	LAA	4				
C	X-77	0.5	PMV	4				
D	FRONTIER (7.5EC)	1.00	LAA	4				
E	FRONTIER (7.5EC)	0.47	LAA	8				
F	CLARITY (4SL)	0.5	LAA	8				
G	FERTILIZER - 28%UAN	2.5	PMV	8				
17A	ROUNDUP (3SL)	0.56	LAA	7	27	80	98	55
B	2.4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	BICEP II (5.9L)	4.43	LAA	7				
18A	ROUNDUP (3SL)	0.56	LAA	7	37	57	99	60
B	2.4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	GUARDSMAN (5L)	3.13	LAA	7				
19A	ROUNDUP (3SL)	0.56	LAA	7	62	70	99	68
B	2.4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	HARNESS PLUS (7EC)	2.4	LAA	7				
E	ATRAZINE (90WG)	1.5	LAA	7				
20A	ROUNDUP (3SL)	0.56	LAA	7	70	77	93	87
B	2.4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	HARNESS PLUS (7EC)	2.4	LAA	7				
E	BATTALION (15WG)	0.075	LAA	7				
21A	ROUNDUP (3SL)	0.56	LAA	7	18	46	99	83
B	2.4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	EXTRAZINE II (90WG)	4.5	LAA	7				

TITLE: DEKALB CORN NO-TILL

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	SETFA 6/29	AMBTR 6/29	CHEAL 6/29	ABUTH 6/29
22A	ROUNDUP (3SL)	0.56	LAA	7	10	99	99	58
B	2.4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	BROADSTRIKE+DUAL (7.67L)	2.6	LAA	7				
23A	ROUNDUP (3SL)	0.56	LAA	7	40	73	93	93
B	2.4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	BROADSTRK. PLUS (85.6DF)	0.26	LAA	7				
E	DUAL II (7.8EC)	2.4	LAA	7				
24A	ROUNDUP (3SL)	0.56	LAA	7	57	63	99	53
B	2.4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	SURPASS (6.4EC)	2.4	LAA	7				
E	ATRAZINE (90WG)	1.5	LAA	7				
25A	ROUNDUP (3SL)	0.56	LAA	7	82	93	98	95
B	2.4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	CLARITY (4SL)	0.5	LAA	9				
E	ACCENT (75WG)	0.031	LAA	9				
F	X-77	0.25	PMV	9				
G	FERTILIZER - 28%UAN	2.5	PMV	9				
26A	ROUNDUP (3SL)	0.56	LAA	7	0	0	0	0
B	2.4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	CHECK	-	-	-				
	LSD (0.05)				20	47	32	44

TITLE: DEKALB CORN NO-TILL CHLOROACETAMIDE COMPARISON

SOIL INFORMATION

TEXTURE: SIL
PH: 6.2
% OM: 5.0
PREV.CROP: GLXMA-SOYBEAN
PLOT WIDTH: 10.00 FT
PLOT LENGTH: 38.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS: 3

APPLICATIONS

NUMBER: /--01--\ UNIT
TYPE: L
APPL. DATE: 04/27 MDY
TIME-BEGIN: 07:00
AIR TEMP.: 42 F°
REL. HUMID.: 75 %
WIND DIR.: NW
WIND SPEED: 10.0 MPH
SKY COND.: C
LEAF MOIST: D
ROOT MOIST: M
SOIL TEMP.: 55 4 INCH
METHOD: SP
EQUIPMENT: BAC
PROPELLANT: CO2
PLACEMENT: BC
NOZZLE: FF
NOZZLE NUMBER: 6
NOZZLE SPACING: 20.0 IN
SWATH WIDTH: 10.0 FT
BOOM HEIGHT: 20.0 IN
SPEED: 3.00 MPH
MIX SIZE: 0.43
MIX SIZE UNIT: GAL
SPRAY VOLUME: 20.00
VOLUME UNIT: GPA
PRESSURE: 32.00 PSI
DILUENT: WAT

TIMINGS: 07

* TIMING CODES

07 = PRE

SPECIES STAGES

SPECIES:01 P ZEAMD COMMON NAME:CORN, DENT CULTIVAR:DEKALB 591
TARGET:CROP POPULATION:30900 A PLANTING DATE:04/25
PLANTING DEPTH:2.0 IN ROW WIDTH:30.0 IN

SPECIES:02 P SETFA COMMON NAME:FOXTAIL, GIANT
TARGET:PEST

TITLE: **DEKALB CORN NO-TILL CHLOROACETAMIDE COMPARISON**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 5/27	SETFA 5/27	INJ 6/30	SETFA 6/30	BU/A 10/28
1A	DUAL II (7.8EC)	1.5	LAA	7	0	68	0	28	111.7
2A	DUAL II (7.8EC)	2.25	LAA	7	0	72	0	27	124.6
3A	DUAL II (7.8EC)	3.00	LAA	7	0	68	0	17	123.2
4A	DUAL II (7.8EC)	6.00	LAA	7	0	82	0	42	141.1
5A	LASSO MICRO-TECH (4CS)	1.75	LAA	7	0	65	0	10	84.9
6A	LASSO MICRO-TECH (4CS)	2.63	LAA	7	0	75	0	17	112.0
7A	LASSO MICRO-TECH (4CS)	3.5	LAA	7	0	75	0	22	115.2
8A	LASSO MICRO-TECH (4CS)	7.0	LAA	7	0	86	0	38	147.3
9A	FRONTIER (7.5EC)	0.74	LAA	7	0	80	0	23	108.2
10A	FRONTIER (7.5EC)	1.1	LAA	7	1	77	0	20	127.2
11A	FRONTIER (7.5EC)	1.46	LAA	7	2	88	0	37	139.2
12A	FRONTIER (7.5EC)	2.92	LAA	7	4	92	0	72	156.1
13A	HARNESS PLUS (7.0EC)	1.2	LAA	7	1	90	0	50	144.0
14A	HARNESS PLUS (7.0EC)	1.8	LAA	7	0	88	0	33	142.3
15A	HARNESS PLUS (7.0EC)	2.4	LAA	7	0	88	0	48	146.2
16A	HARNESS PLUS (7.0EC)	4.8	LAA	7	0	88	0	68	165.3
17A	SURPASS (6.4EC)	1.2	LAA	7	0	87	0	33	132.0
18A	SURPASS (6.4EC)	1.8	LAA	7	0	83	0	23	105.5
19A	SURPASS (6.4EC)	2.4	LAA	7	2	89	0	37	155.9
20A	SURPASS (6.4EC)	4.8	LAA	7	0	97	0	73	155.5
21A	HAND WEEDED	-	-	-	0	99	0	99	199.8
22A	UNTREATED CHECK	-	-	-	0	0	0	0	125.4
LSD (0.05)					1	25	0	33	37.4

TITLE: DEKALB CORN CONVENTIONAL CHLOROACETAMIDE COMPARISON

SOIL INFORMATION

TEXTURE: SIL
PH: 6.2
% OM: 5.0
PREV.CROP: GLXMA-SOYBEAN
PLOT WIDTH: 10.00 FT
PLOT LENGTH: 30.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS: 3

APPLICATIONS

NUMBER: /--01--\ UNIT
TYPE: L
APPL. DATE: 04/21 MDY
TIME-BEGIN: 10:15
AIR TEMP.: 60 F°
REL. HUMID.: 54 %
WIND DIR.: E
WIND SPEED: 10.0 MPH
SKY COND.: P
LEAF MOIST: D
ROOT MOIST: M
SOIL TEMP.: 59 4 INCH
METHOD: SP
EQUIPMENT: BAC
PROPELLANT: CO2
PLACEMENT: BC
NOZZLE: FF
NOZZLE NUMBER: 6
NOZZLE SPACING: 20.0 IN
SWATH WIDTH: 10.0 FT
BOOM HEIGHT: 20.0 IN
SPEED: 3.00 MPH
MIX SIZE: 0.43
MIX SIZE UNIT: GAL
SPRAY VOLUME: 20.00
VOLUME UNIT: GPA
PRESSURE: 32.00 PSI
DILUENT: WAT

TIMINGS: 07

* TIMING CODES

07 = PRE

SPECIES STAGES

SPECIES:01 P ZEAMD COMMON NAME: CORN, DENT CULTIVAR: PIONEER 3417
TARGET: CROP POPULATION: 30900 A PLANTING DATE: 04/19
PLANTING DEPTH: 2.0 IN ROW WIDTH: 30.0 IN

SPECIES:02 P SETFA COMMON NAME: FOXTAIL, GIANT
TARGET: PEST

SPECIES:03 P DIGSA COMMON NAME: CRABGRASS, LARGE
TARGET: PEST

TITLE: **DEKALB CORN CONVENTIONAL CHLOROACETAMIDE COMPARISON**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/03	SETFA 6/03	DIGSA 6/03	INJ 6/22	SETFA 6/22	DIGSA 6/22
1A	DUAL II (7.8EC)	1.25	LAA	7	0	98	66	0	66	66
2A	DUAL II (7.8EC)	1.88	LAA	7	0	99	73	0	50	69
3A	DUAL II (7.8EC)	2.5	LAA	7	0	96	76	0	86	69
4A	DUAL II (7.8EC)	5.0	LAA	7	0	99	98	0	83	83
5A	LASSO MICRO-TECH (4CS)	1.5	LAA	7	0	96	76	0	69	73
6A	LASSO MICRO-TECH (4CS)	2.25	LAA	7	0	99	66	0	66	66
7A	LASSO MICRO-TECH (4CS)	3.0	LAA	7	0	98	78	0	66	53
8A	LASSO MICRO-TECH (4CS)	6.0	LAA	7	0	98	99	0	86	99
9A	FRONTIER (7.5EC)	0.68	LAA	7	0	91	78	0	43	50
10A	FRONTIER (7.5EC)	1.01	LAA	7	0	98	66	0	83	66
11A	FRONTIER (7.5EC)	1.35	LAA	7	0	99	99	0	99	99
12A	FRONTIER (7.5EC)	2.70	LAA	7	0	99	99	0	99	99
13A	HARNESS PLUS (7.0EC)	1.0	LAA	7	0	99	99	0	99	99
14A	HARNESS PLUS (7.0EC)	1.5	LAA	7	0	98	96	0	95	66
15A	HARNESS PLUS (7.0EC)	2.0	LAA	7	0	98	76	0	69	73
16A	HARNESS PLUS (7.0EC)	4.0	LAA	7	0	99	98	0	96	90
17A	SURPASS (6.4EC)	1.0	LAA	7	0	99	79	0	99	63
18A	SURPASS (6.4EC)	1.5	LAA	7	0	91	47	0	*	*
19A	SURPASS (6.4EC)	2.0	LAA	7	0	99	94	0	66	88
20A	SURPASS (6.4EC)	4.0	LAA	7	0	98	76	0	88	68
21A	HAND WEEDED	-	-	-	0	99	99	0	66	99
22A	UNTREATED CHECK	-	-	-	0	0	0	0	0	0
LSD (0.05)					0	5	53	0	61	59

* MISSING DATA

-CONTINUED-

TITLE: **DEKALB CORN CONVENTIONAL CHLOROACETAMIDE COMPARISON**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	BU/A 10/28
1A	DUAL II (7.8EC)	1.25	LAA	7	173.4
2A	DUAL II (7.8EC)	1.88	LAA	7	188.1
3A	DUAL II (7.8EC)	2.5	LAA	7	179.2
4A	DUAL II (7.8EC)	5.0	LAA	7	183.7
5A	LASSO MICRO-TECH (4CS)	1.5	LAA	7	170.7
6A	LASSO MICRO-TECH (4CS)	2.25	LAA	7	159.1
7A	LASSO MICRO-TECH (4CS)	3.0	LAA	7	169.1
8A	LASSO MICRO-TECH (4CS)	6.0	LAA	7	175.4
9A	FRONTIER (7.5EC)	0.68	LAA	7	181.4
10A	FRONTIER (7.5EC)	1.01	LAA	7	192.5
11A	FRONTIER (7.5EC)	1.35	LAA	7	190.9
12A	FRONTIER (7.5EC)	2.70	LAA	7	186.1
13A	HARNESS PLUS (7.0EC)	1.0	LAA	7	198.2
14A	HARNESS PLUS (7.0EC)	1.5	LAA	7	187.6
15A	HARNESS PLUS (7.0EC)	2.0	LAA	7	199.3
16A	HARNESS PLUS (7.0EC)	4.0	LAA	7	191.7
17A	SURPASS (6.4EC)	1.0	LAA	7	195.4
18A	SURPASS (6.4EC)	1.5	LAA	7	191.9
19A	SURPASS (6.4EC)	2.0	LAA	7	201.7
20A	SURPASS (6.4EC)	4.0	LAA	7	197.5
21A	HAND WEDED	-	-	-	203.0
22A	UNTREATED CHECK	-	-	-	169.8
LSD (0.05)					32.4

TITLE: DEKALB PREEMERGENCE IMI CORN EVALUATION

SOIL INFORMATION

TEXTURE: SICL
 PH: 6.2
 % OM: 5.0
 PREV.CROP: GLXMA-SOYBEAN
 PLOT WIDTH: 20.00 FT
 PLOT LENGTH: 30.00 FT

TRIAL INFORMATION

DESIGN: RCB
 REPS:3

APPLICATIONS

NUMBER: /--01--\ UNIT
 TYPE: L
 APPL. DATE: 04/21 MDY
 TIME-BEGIN: 11:30
 AIR TEMP.: 62 F°
 REL. HUMID.: 54 %
 WIND DIR.: NE
 WIND SPEED: 10.0 MPH
 SKY COND.: S
 LEAF MOIST: D
 ROOT MOIST: M
 SOIL TEMP.: 64 4 INCH
 METHOD: SP
 EQUIPMENT: BAC
 PROPELLANT: CO2
 PLACEMENT: BC
 NOZZLE: FF
 NOZZLE NUMBER: 6
 NOZZLE SPACING: 20.0 IN
 SWATH WIDTH: 10.0 FT
 BOOM HEIGHT: 20.0 IN
 SPEED: 3.00 MPH
 MIX SIZE: 0.43
 MIX SIZE UNIT: GAL
 SPRAY VOLUME: 20.00
 VOLUME UNIT: GPA
 PRESSURE: 32.00 PSI
 DILUENT: WAT

TIMINGS: 07

* TIMING CODES

07 = PRE

SPECIES STAGES

SPECIES: 01 P ZEAMD	COMMON NAME: CORN, DENT	TARGET: CROP
CULTIVAR: PIONEER 3417IR	POPULATION: 30900 A	PLANTING DATE: 05/20
PLANTING DEPTH: 2.0 IN	ROW WIDTH: 30.0 IN	

SPECIES: 02 P ZEAMD	COMMON NAME: CORN, DENT	TARGET: CROP
CULTIVAR: PIONEER 3417	POPULATION: 30900 A	PLANTING DATE: 05/20
PLANTING DEPTH: 2.0 IN	ROW WIDTH: 30.0 IN	

SPECIES: 03 P CHEAL	COMMON NAME: LAMBSQUARTERS, COMMON	TARGET: PEST
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SPECIES: 04 P POLPY	COMMON NAME: SMARTWEED, PENNSYLVANIA	TARGET: PEST
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SPECIES: 05 P ABUTH	COMMON NAME: VELVETLEAF	TARGET: PEST
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TITLE: **DEKALB PREEMERGENCE IMI CORN EVALUATION**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ IR 5/24	INJ NON 5/24	INJ IR 6/21	INJ NON 6/21	BU/A IR 10/26	BU/A NON 10/26
1A	PURSUIT (2SL)	0.063	LAA	7	0	8	0	3	193.5	207.9
B	DUAL II (7.8EC)	1.5	LAA	7						
2A	PURSUIT (2SL)	0.125	LAA	7	0	13	2	13	209.2	201.6
B	DUAL II (7.8EC)	1.5	LAA	7						
3A	CADRE (2SL)	0.063	LAA	7	3	10	0	7	202.6	205.6
B	DUAL II (7.8EC)	1.5	LAA	7						
4A	CADRE (2SL)	0.125	LAA	7	3	27	0	23	202.3	186.0
B	DUAL II (7.8EC)	1.5	LAA	7						
5A	EXCEED (57WG)	0.018	LAA	7	3	7	0	0	206.8	197.0
B	DUAL II (7.8EC)	1.5	LAA	7						
6A	EXCEED (57WG)	0.027	LAA	7	3	5	0	2	202.6	210.7
B	DUAL II (7.8EC)	1.5	LAA	7						
7A	EXCEED (57WG)	0.036	LAA	7	0	5	0	3	191.0	190.3
B	DUAL II (7.8EC)	1.5	LAA	7						
8A	EXCEED (57WG)	0.072	LAA	7	0	7	0	2	191.3	198.7
B	DUAL II (7.8EC)	1.5	LAA	7						
9A	BATTALION (15WG)	0.075	LAA	7	0	5	0	0	206.6	200.9
B	DUAL II (7.8EC)	1.5	LAA	7						
10A	BATTALION (15WG)	0.113	LAA	7	0	0	0	2	215.5	214.6
B	DUAL II (7.8EC)	1.5	LAA	7						
11A	BATTALION (15WG)	0.15	LAA	7	0	2	0	0	215.4	217.7
B	DUAL II (7.8EC)	1.5	LAA	7						
12A	PERMIT (75WG)	0.075	LAA	7	0	5	0	3	192.4	185.5
B	DUAL II (7.8EC)	1.5	LAA	7						
13A	PERMIT (75WG)	0.113	LAA	7	0	0	0	0	212.0	201.4
B	DUAL II (7.8EC)	1.5	LAA	7						
14A	PERMIT (75WG)	0.15	LAA	7	0	2	0	3	190.1	200.8
B	DUAL II (7.8EC)	1.5	LAA	7						
15A	BROADSTRK.PLUS (85.6WG)	0.21	LAA	7	0	0	0	2	192.5	217.3
B	DUAL II (7.8EC)	1.5	LAA	7						
16A	ATRAZINE (90WG)	1.5	LAA	7	0	6	0	0	191.1	206.7
B	DUAL II (7.8EC)	1.5	LAA	7						
17A	HAND WEEDED	-	-	-	0	0	0	0	203.7	207.3
18A	UNTREATED CHECK	-	-	-	0	0	0	0	192.9	194.1
LSD (0.05)					4	11	7	8	20	27

-CONTINUED-

TITLE: DEKALB PREEMERGENCE IMI CORN EVALUATION

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	CHEAL 5/24	POLPY 5/24	ABUTH 5/24	CHEAL 6/21	POLPY 6/21	ABUTH 6/21
1A	PURSUIT (2SL)	0.063	LAA	7	99	98	85	95	98	80
B	DUAL II (7.8EC)	1.5	LAA	7						
2A	PURSUIT (2SL)	0.125	LAA	7	99	99	96	98	98	93
B	DUAL II (7.8EC)	1.5	LAA	7						
3A	CADRE (2SL)	0.063	LAA	7	99	99	98	98	98	93
B	DUAL II (7.8EC)	1.5	LAA	7						
4A	CADRE (2SL)	0.125	LAA	7	99	99	99	99	99	96
B	DUAL II (7.8EC)	1.5	LAA	7						
5A	EXCEED (57WG)	0.018	LAA	7	96	86	95	95	96	83
B	DUAL II (7.8EC)	1.5	LAA	7						
6A	EXCEED (57WG)	0.027	LAA	7	99	99	93	99	98	87
B	DUAL II (7.8EC)	1.5	LAA	7						
7A	EXCEED (57WG)	0.036	LAA	7	99	93	96	99	99	95
B	DUAL II (7.8EC)	1.5	LAA	7						
8A	EXCEED (57WG)	0.072	LAA	7	99	99	95	99	98	96
B	DUAL II (7.8EC)	1.5	LAA	7						
9A	BATTALION (15WG)	0.075	LAA	7	88	81	96	86	94	99
B	DUAL II (7.8EC)	1.5	LAA	7						
10A	BATTALION (15WG)	0.113	LAA	7	99	94	91	96	99	91
B	DUAL II (7.8EC)	1.5	LAA	7						
11A	BATTALION (15WG)	0.15	LAA	7	99	98	93	99	99	93
B	DUAL II (7.8EC)	1.5	LAA	7						
12A	PERMIT (75WG)	0.075	LAA	7	96	96	83	85	94	75
B	DUAL II (7.8EC)	1.5	LAA	7						
13A	PERMIT (75WG)	0.113	LAA	7	99	93	95	99	98	94
B	DUAL II (7.8EC)	1.5	LAA	7						
14A	PERMIT (75WG)	0.15	LAA	7	99	98	96	98	99	88
B	DUAL II (7.8EC)	1.5	LAA	7						
15A	BROADSTRK.PLUS (85.6WG)	0.21	LAA	7	99	98	95	99	99	95
B	DUAL II (7.8EC)	1.5	LAA	7						
16A	ATRAZINE (90WG)	1.5	LAA	7	98	81	91	91	86	78
B	DUAL II (7.8EC)	1.5	LAA	7						
17A	HAND WEEDED	-	-	-	99	99	99	99	99	99
18A	UNTREATED CHECK	-	-	-	0	0	0	0	0	0
LSD (0.05)					7	17	12	8	7	17

TITLE: DEKALB CORN PREEMERGENCE AND POSTEMERGENCE

SOIL INFORMATION

TEXTURE: SICL
 PH: 6.7
 % OM: 5.1
 PREV.CROP: GLXMA-SOYBEAN
 PLOT WIDTH: 10.00 FT
 PLOT LENGTH: 30.00 FT

TRIAL INFORMATION

DESIGN: RCB
 REPS:3

APPLICATIONS

NUMBER:	/--01--\	/--02--\	/--03--\	UNIT
TYPE:	L	L	L	
APPL. DATE:	04/21	05/10	05/27	
TIME - BEGIN:	02:00	12:30	09:30	H
AIR TEMP.:	60	72	70	F°
REL. HUMID.:	54	35	30	%
WIND DIR.:	NE	SW	NW	
WIND SPEED:	10.0	5.0	3.0	MPH
SKY COND.:	S	S	P	
LEAF MOIST:	D	D	D	
ROOT MOIST:	M	D	M	
SOIL TEMP.:	68	63	62	4 INCH
METHOD:	SP	SP	SP	
EQUIPMENT:	BAC	BAC	BAC	
PROPELLANT:	CO2	CO2	CO2	
PLACEMENT:	BC	BC	BC	
NOZZLE:	FF	FF	FF	
NOZZLE NUMBER:	6	6	6	
NOZZLE SPACING:	20.0	20.0	20.0	IN
SWATH WIDTH:	10.0	10.0	10.0	FT
BOOM HEIGHT:	20.0	20.0	20.0	IN
SPEED:	3.00	3.00	3.00	MPH
MIX SIZE:	0.43	0.43	0.43	
MIX SIZE UNIT:	GAL	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	20.00	
VOLUME UNIT:	GPA	GPA	GPA	
PRESSURE:	32.00	42.00	42.00	PSI
DILUENT:	WAT	WAT	WAT	

TIMINGS: 07 08 09
 * TIMING CODES
 07 = PRE
 08 = VERY EARLY POST
 09 = EARLY POST

SPECIES STAGES

SPECIES:01 P ZEAMD COMMON NAME:CORN, DENT CULTIVAR:PIONEER 3417
TARGET:CROP POPULATION:30900 A PLANTING DATE:04/20
PLANTING DEPTH:2.0 IN ROW WIDTH:30.0 IN
STAGE ON STAGE CODE POP.GEN. MN SIZE MX SIZE AV SIZE
05/10 11 NA 2.00 2.00 2.00 IN
05/27 12 NA 3.00 4.00 3.50 IN

SPECIES:02 P SETFA COMMON NAME:FOXTAIL, GIANT
TARGET:PEST
STAGE ON STAGE CODE POP.GEN. MN SIZE MX SIZE AV SIZE
05/10 11 H 2.00 2.00 2.00 IN
05/27 12 H 3.00 4.00 3.50 IN

SPECIES:03 P ABUTH COMMON NAME:VELVETLEAF
TARGET:PEST
STAGE ON STAGE CODE POP.GEN. MN SIZE MX SIZE AV SIZE
05/10 10 H 0.50 0.50 0.50 IN
05/27 13 H 1.00 1.50 1.25 IN

* STAGE CODE
10 = 1ST LEAF EMERGING (COTYLEDON UNFOLDNG)
11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: DEKALB CORN PREEMERGENCE AND POSTEMERGENCE

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/10	SETFA 6/10	ABUTH 6/10	INJ 6/30	SETFA 6/30	ABUTH 6/30
1A	BICEP II (5.9L)	3.54	LAA	7	0	69	35	0	57	27
2A	BULLET (4CS)	4.0	LAA	7	0	78	33	0	37	13
3A	GUARDSMAN (5SC)	2.69	LAA	7	0	80	38	0	58	22
4A	BROADSTRIKE+DUAL(7.67L)	2.6	LAA	7	0	72	80	0	42	63
5A	BROADSTRK.PLUS(85.6WG)	0.26	LAA	7	1	69	71	0	41	58
B	DUAL II (7.8EC)	2.4	LAA	7						
6A	HARNESS PLUS (7EC)	2.0	LAA	7	1	93	55	0	87	50
7A	HARNESS PLUS (7EC)	2.0	LAA	7	0	93	65	0	80	47
B	ATRAZINE (90WG)	1.5	LAA	7						
8A	HARNESS PLUS (7EC)	2.0	LAA	7	0	83	73	0	75	63
B	BATTALION (15WG)	0.075	LAA	7						
9A	SURPASS (6.4EC)	2.0	LAA	7	0	90	47	0	87	42
10A	SURPASS (6.4EC)	2.0	LAA	7	0	87	50	0	88	38
B	ATRAZINE (90WG)	1.5	LAA	7						
11A	EXTRAZINE II (90WG)	4.5	LAA	7	0	86	68	0	57	68
12A	EXTRAZINE II (90WG)	3.0	LAA	7	0	83	52	0	55	13
B	DUAL II (7.8EC)	2.0	LAA	7						
13A	DUAL II (7.8EC)	2.4	LAA	7	0	70	53	0	33	60
B	EXCEED (57WG)	0.037	LAA	9						
C	COC	1.0	PMV	9						
14A	FRONTIER(7.5EC)	1.46	LAA	7	0	88	75	0	75	86
B	MARKSMAN (3.2SC)	1.4	LAA	9						
C	FERTILIZER - 28%UAN	2.5	PMV	9						
15A	FRONTIER(7.5EC)	1.46	LAA	7	2	78	73	0	68	77
B	CLARITY (4SL)	0.5	LAA	9						
C	FERTILIZER - 28%UAN	2.5	PMV	9						
16A	SURPASS (6.4EC)	2.0	LAA	7	0	68	53	0	49	86
B	MARKSMAN (3.2SC)	1.4	LAA	9						
C	FERTILIZER - 28%UAN	2.5	PMV	9						
17A	HARNESS PLUS (7EC)	2.0	LAA	7	0	88	78	0	65	62
B	PERMIT (75WG)	0.031	LAA	9						
C	X-77	0.25	PMV	9						
18A	EXTRAZINE II (90WG)	3.0	LAA	7	0	78	75	0	67	67
B	ACCENT (75WG)	0.031	LAA	9						
C	COC	1.0	PMV	9						
19A	FRONTIER(7.5EC)	1.46	LAA	7	5	88	38	0	63	25
B	BUCTRIL GEL	0.25	LAA	9						
20A	FRONTIER(7.5EC)	1.46	LAA	7	0	89	50	0	65	60
B	BUCTRIL GEL	0.25	LAA	9						
C	ATRAZINE (90WG)	1.0	LAA	9						
21A	FRONTIER(7.5EC)	1.46	LAA	7	0	87	58	0	67	68
B	LADDOK (3.32EC)	1.04	LAA	9						
C	FERTILIZER - 28%UAN	2.5	PMV	9						

TITLE: **DEKALB CORN PREEMERGENCE AND POSTEMERGENCE**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/10	SETFA 6/10	ABUTH 6/10	INJ 6/30	SETFA 6/30	ABUTH 6/30
22A	FRONTIER(7.5EC)	1.46	LAA	7	0	85	60	0	52	55
B	BSF 720 (4.25EC)	0.796	LAA	9						
C	FERTILIZER - 28%UAN	2.5	PMV	9						
23A	FRONTIER(7.5EC)	1.46	LAA	7	0	82	82	0	62	70
B	BSF 720 (4.25EC)	0.796	LAA	9						
C	ATRAZINE (90WG)	0.5	LAA	9						
D	FERTILIZER - 28%UAN	2.5	PMV	9						
24A	FRONTIER(7.5EC)	1.46	LAA	7	1	88	90	0	78	78
B	BSF 720 (4.25EC)	0.796	LAA	9						
C	SENCOR (75WG)	0.094	LAA	9						
D	FERTILIZER - 28%UAN	2.5	PMV	9						
25A	FRONTIER(7.5EC)	1.46	LAA	7	0	77	87	0	58	82
B	BSF 720 (4.25EC)	0.796	LAA	9						
C	CLARITY (4SL)	0.5	LAA	9						
D	FERTILIZER - 28%UAN	2.5	PMV	9						
26A	FRONTIER(7.5EC)	1.46	LAA	7	0	90	82	0	83	74
B	SENCOR (75WG)	0.094	LAA	9						
C	2,4-D LVE (3.8EC)	0.17	PMV	9						
27A	FRONTIER(7.5EC)	1.46	LAA	7	0	92	73	0	73	68
B	NAF-73 (84.3WG)	0.21	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	2.5	PMV	9						
28A	ACCENT (75WG)	0.031	LAA	9	5	47	42	0	67	43
B	BUCTRIL GEL	0.25	LAA	9						
C	X-77	0.25	PMV	9						
29A	ACCENT (75WG)	0.031	LAA	9	0	47	45	0	52	67
B	ATRAZINE (90WG)	1.0	LAA	9						
C	COC	1.0	PMV	9						
D	FERTILIZER - 28%UAN	2.5	PMV	9						
30A	ACCENT (75WG)	0.031	LAA	9	0	68	73	0	75	82
B	CLARITY (4SL)	0.5	LAA	9						
C	X-77	0.25	PMV	9						
D	FERTILIZER - 28%UAN	2.5	PMV	9						
31A	ACCENT (75WG)	0.016	LAA	8	0	57	73	0	32	73
B	FRONTIER(7.5EC)	1.17	LAA	8						
C	CLARITY (4SL)	0.5	LAA	8						
D	X-77	0.25	PMV	8						
E	FERTILIZER - 28%UAN	2.5	PMV	8						
32A	ACCENT (75WG)	0.016	LAA	9	0	50	52	0	75	73
B	BEACON (75WG)	0.018	LAA	9						
C	COC	1.0	PMV	9						
33A	ACCENT (75WG)	0.016	LAA	9	0	62	82	0	30	72
B	EXCEED (57WG)	0.027	LAA	9						
C	COC	1.0	PMV	9						
34A	ACCENT (75WG)	0.031	LAA	9	10	62	73	0	27	63
B	ATRAZINE (90WG)	0.5	LAA	9						
C	RESOURCE (0.86EC)	0.027	LAA	9						
D	COC	1.0	PMV	9						
35A	ACCENT (75WG)	0.031	LAA	9	0	47	53	0	60	68
B	PERMIT (75WG)	0.031	LAA	9						
C	X-77	0.25	PMV	9						

TITLE: **DEKALB CORN PREEMERGENCE AND POSTEMERGENCE**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/10	SETFA 6/10	ABUTH 6/10	INJ 6/30	SETFA 6/30	ABUTH 6/30
36A	UNTREATED CHECK	-	-	-	0	0	0	0	0	0
LSD	(0.05)				2	32	40	0	35	31

TITLE: DEKALB POSTEMERGENCE CORN EVALUATION

SOIL INFORMATION

TEXTURE: SICL
PH: 6.2
% OM: 5.0
PREV.CROP: GLXMA-SOYBEAN
PLOT WIDTH: 10.00 FT
PLOT LENGTH: 30.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS:3

APPLICATIONS

NUMBER: /--01--\ UNIT
TYPE: L
APPL. DATE: 06/01 MDY
TIME-BEGIN: 04:00
AIR TEMP.: 75 F°
REL. HUMID.: 35 %
WIND DIR.: N
WIND SPEED: 10.0 MPH
SKY COND.: P
LEAF MOIST: D
ROOT MOIST: D
SOIL TEMP.: 68 4 INCH
METHOD: SP
EQUIPMENT: BAC
PROPELLANT: CO2
PLACEMENT: BC
NOZZLE: FF
NOZZLE NUMBER: 6
NOZZLE SPACING: 20.0 IN
SWATH WIDTH: 10.0 FT
BOOM HEIGHT: 20.0 IN
SPEED: 3.00 MPH
MIX SIZE: 0.43
MIX SIZE UNIT: GAL
SPRAY VOLUME: 20.00
VOLUME UNIT: GPA
PRESSURE: 44.00 PSI
DILUENT: WAT

TIMINGS: 10

* TIMING CODES

10 = POST

** PREEMERGENCE BLANKET OF 1.5 LB/A DUAL II APPLIED.

SPECIES STAGES

SPECIES:01 P ZEAMD	COMMON NAME:CORN, DENT	CULTIVAR:PIONEER 3417			
TARGET:CROP	POPULATION:30900 A	PLANTING DATE:04/19			
PLANTING DEPTH:2.0 IN	ROW WIDTH:30.0 IN				
STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/01	18	NA	11.00	11.00	11.00 IN

SPECIES:02 P ABUTH	COMMON NAME:VELVETLEAF				
TARGET:PEST					
STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/01	16	H	3.00	3.00	3.00 IN

SPECIES:03 P CHEAL	COMMON NAME:LAMBSQUARTERS, COMMON				
TARGET:PEST					
STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/01	19	H	2.50	2.50	2.50 IN

SPECIES:04 P AMARE	PIGWEEED, REDROOT				
TARGET:PEST					
STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/01	16	H	1.50	1.50	1.50 IN

* STAGE CODE
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: DEKALB POSTEMERGENCE CORN EVALUATION

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/09	ABUTH 6/09	CHEAL 6/09	AMARE 6/09
1A	EXCEED (57WG)	0.027	LAA	10	0	80	37	98
B	COC	1.0	PMV	10				
2A	EXCEED (57WG)	0.036	LAA	10	0	86	53	99
B	COC	1.0	PMV	10				
3A	EXCEED (57WG)	0.018	LAA	10	1	88	60	99
B	CLARITY (4SL)	0.25	LAA	10				
C	X-77	0.25	PMV	10				
4A	EXCEED (57WG)	0.018	LAA	10	0	98	60	99
B	BEACON (75WG)	0.018	LAA	10				
C	COC	1.0	PMV	10				
5A	EXCEED (57WG)	0.018	LAA	10	1	98	63	99
B	CGA-248757 (5WG)	0.003	LAA	10				
C	X-77	0.25	PMV	10				
6A	BEACON (75WG)	0.018	LAA	10	0	73	50	99
B	COC	1.0	PMV	10				
7A	BEACON (75WG)	0.018	LAA	10	0	99	70	99
B	CLARITY (4SL)	0.25	LAA	10				
C	X-77	0.25	PMV	10				
8A	PERMIT (75WG)	0.031	LAA	10	1	80	60	99
B	X-77	0.25	PMV	10				
9A	PERMIT (75WG)	0.031	LAA	10	2	90	80	96
B	CLARITY (4SL)	0.25	LAA	10				
C	X-77	0.25	PMV	10				
10A	CGA-248757 (5WG)	0.0045	LAA	10	7	99	75	93
B	COC	1.0	PMV	10				
11A	CGA-248757 (5WG)	0.003	LAA	10	6	99	98	99
B	ATRAZINE (90WG)	1.0	LAA	10				
C	COC	1.0	PMV	10				
12A	RESOURCE (0.86EC)	0.027	LAA	10	10	99	85	99
B	COC	1.0	PMV	10				
13A	RESOURCE (0.86EC)	0.027	LAA	10	10	99	98	99
B	ATRAZINE (90WG)	1.0	LAA	10				
C	COC	1.0	PMV	10				
14A	CLARITY (4SL)	0.5	LAA	10	1	96	80	99
B	FERTILIZER - 28%UAN	2.5	PMV	10				
15A	MARKSMAN (3.2SC)	1.4	LAA	10	0	96	73	99
B	FERTILIZER - 28%UAN	2.5	PMV	10				
16A	UNTREATED CHECK	-	-	-	0	0	0	0
LSD	(0.05)				1	8	11	5

-CONTINUED-

TITLE: DEKALB POSTEMERGENCE CORN EVALUATION

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/30	ABUTH 6/30	CHEAL 6/30	AMARE 6/30
1A	EXCEED (57WG)	0.027	LAA	10	0	98	88	99
B	COC	1.0	PMV	10				
2A	EXCEED (57WG)	0.036	LAA	10	0	98	85	89
B	COC	1.0	PMV	10				
3A	EXCEED (57WG)	0.018	LAA	10	0	96	95	95
B	CLARITY (4SL)	0.25	LAA	10				
C	X-77	0.25	PMV	10				
4A	EXCEED (57WG)	0.018	LAA	10	0	99	85	98
B	BEACON (75WG)	0.018	LAA	10				
C	COC	1.0	PMV	10				
5A	EXCEED (57WG)	0.018	LAA	10	0	87	67	96
B	CGA-248757 (5WG)	0.003	LAA	10				
C	X-77	0.25	PMV	10				
6A	BEACON (75WG)	0.018	LAA	10	0	96	53	88
B	COC	1.0	PMV	10				
7A	BEACON (75WG)	0.018	LAA	10	0	95	95	98
B	CLARITY (4SL)	0.25	LAA	10				
C	X-77	0.25	PMV	10				
8A	PERMIT (75WG)	0.031	LAA	10	0	99	53	67
B	X-77	0.25	PMV	10				
9A	PERMIT (75WG)	0.031	LAA	10	0	95	80	80
B	CLARITY (4SL)	0.25	LAA	10				
C	X-77	0.25	PMV	10				
10A	CGA-248757 (5WG)	0.0045	LAA	10	0	99	40	37
B	COC	1.0	PMV	10				
11A	CGA-248757 (5WG)	0.003	LAA	10	0	99	86	96
B	ATRAZINE (90WG)	1.0	LAA	10				
C	COC	1.0	PMV	10				
12A	RESOURCE (0.86EC)	0.027	LAA	10	0	66	37	47
B	COC	1.0	PMV	10				
13A	RESOURCE (0.86EC)	0.027	LAA	10	0	99	73	88
B	ATRAZINE (90WG)	1.0	LAA	10				
C	COC	1.0	PMV	10				
14A	CLARITY (4SL)	0.5	LAA	10	0	99	87	96
B	FERTILIZER - 28%UAN	2.5	PMV	10				
15A	MARKSMAN (3.2SC)	1.4	LAA	10	0	99	96	83
B	FERTILIZER - 28%UAN	2.5	PMV	10				
16A	UNTREATED CHECK	-	-	-	0	0	0	0
LSD (0.05)					0	24	25	23

TITLE: DEKALB SOYBEAN NO-TILL

SOIL INFORMATION

TEXTURE: SICL
 PH: 6.1
 % OM: 5.0
 PREV.CROP: ZEAMD-CORN
 PLOT WIDTH: 10.00 FT
 PLOT LENGTH: 30.00 FT

TRIAL INFORMATION

DESIGN: RCB
 REPS:3

APPLICATIONS

NUMBER:	/--01--\	/--02--\	/--03--\	/--04--\	UNIT
TYPE:	L	L	L	L	
APPL. DATE:	04/14	05/03	05/10	06/10	
TIME - BEGIN:	01:00	01:00	03:00	06:30	H
AIR TEMP.:	68	75	76	70	F°
REL. HUMID.:	60	70	35	35	%
WIND DIR.:	S	SE	NW	SE	
WIND SPEED:	5.0	10.0	10.0	5.0	MPH
SKY COND.:	S	P	S	S	
LEAF MOIST:	D	D	D	D	
ROOT MOIST:	M	M	D	D	
SOIL TEMP.:	50	54	61	68	4 INCH
METHOD:	SP	SP	SP	SP	
EQUIPMENT:	BAC	BAC	BAC	BAC	
PROPELLANT:	CO2	CO2	CO2	CO2	
PLACEMENT:	BC	BC	BC	BC	
NOZZLE:	FF	FF	FF	FF	
NOZZLE NUMBER:	6	6	6	6	
NOZZLE SPACING:	20.0	20.0	20.0	20.0	IN
SWATH WIDTH:	10.0	10.0	10.0	10.0	FT
BOOM HEIGHT:	20.0	20.0	20.0	20.0	IN
SPEED:	3.00	3.00	3.00	3.00	MPH
MIX SIZE:	0.43	0.43	0.43	0.43	
MIX SIZE UNIT:	GAL	GAL	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	20.00	20.00	
VOLUME UNIT:	GPA	GPA	GPA	GPA	
PRESSURE:	32.00	32.00	42.00	42.00	PSI
DILUENT:	WAT	WAT	WAT	WAT	

TIMINGS: 03 14 07 10

* TIMING CODES

- 03 = EPP 30 DAYS BEFORE PLANTING.
- 14 = EPP 7 DAYS BEFORE PLANTING.
- 07 = PREEMERGENCE
- 10 = POST

SPECIES STAGES

SPECIES:01 P GLXMA	COMMON NAME:SOYBEAN	CULTIVAR:PIONEER 9303			
TARGET:CROP	POPULATION: BU/A	PLANTING DATE:05/10			
PLANTING DEPTH:1.0 IN	ROW WIDTH:30.0 IN				
STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/10	12	NA	3.00	4.00	3.50 IN

SPECIES:02 P SETFA	COMMON NAME:FOXTAIL, GIANT				
TARGET:PEST					
STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/10	11	H	0.50	1.00	0.75 IN
06/10	12	H	4.00	4.00	4.00 IN

SPECIES:03 P POLPY	COMMON NAME:SMARTWEED, PENNSYLVANIA				
TARGET:PEST					
STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/10	12	H	1.00	2.00	1.50 IN
06/10	15	H	4.00	4.00	4.00 IN

SPECIES:04 P CHEAL	COMMON NAME:LAMBSQUARTERS, COMMON				
TARGET:PEST					
STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/10	12	H	1.00	2.00	1.50 IN
06/10	18	H	3.00	4.00	3.50 IN

SPECIES:05 P AMBTR	COMMON NAME:RAGWEED, GIANT				
TARGET:PEST					
STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/10	13	H	3.00	3.00	3.00 IN
06/10	18	H	6.00	6.00	6.00 IN

SPECIES:06 P ABUTH	COMMON NAME:VELVETLEAF				
TARGET:PEST					
STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/10	11	H	0.50	1.00	0.75 IN
06/10	13	H	1.	2.00	1.50 IN

* STAGE CODE

11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: **DEKALB SOYBEAN NO-TILL**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/20	SETFA 6/20	POLPY 6/20	CHEAL 6/20	AMBTR 6/20	ABUTH 6/20
1A	SENCOR (75WG)	0.38	LAA	3	0	60	62	90	3	78
B	COMMAND (4EC)	0.88	LAA	3						
C	COC	1.0	PMV	3						
2A	SENCOR (75WG)	0.25	LAA	3	1	62	83	99	17	93
B	COMMAND (4EC)	0.88	LAA	3						
C	CANOPY (75WG)	0.14	LAA	3						
D	COC	1.0	PMV	3						
3A	COMMAND (4EC)	1.00	LAA	3	0	87	91	69	50	94
B	CANOPY (75WG)	0.28	LAA	3						
C	ROUNDUP (3SL)	0.56	LAA	3						
D	X-77	0.5	PMV	3						
4A	COMMAND (4EC)	1.00	LAA	3	0	96	90	96	82	99
B	ROUNDUP (3SL)	0.56	LAA	3						
C	X-77	0.5	PMV	3						
D	PURSUIT (2SL)	0.063	LAA	10						
E	X-77	0.25	PMV	10						
F	FERTILIZER - 28%UAN	2.5	PMV	10						
5A	SENCOR (75WG)	0.141	LAA	14	0	23	69	91	83	70
B	BROADSTRIKE+DUAL(7.67L)	2.4	LAA	14						
C	ROUNDUP (3SL)	0.38	LAA	14						
D	X-77	0.5	PMV	14						
E	AMMONIUM SULFATE 21%	17.0	PMG	14						
6A	TURBO (8EC)	1.0	LAA	14	0	22	43	99	83	53
B	BROADSTRIKE+DUAL(7.67L)	1.5	LAA	14						
C	ROUNDUP (3SL)	0.38	LAA	14						
D	X-77	0.5	PMV	14						
E	AMMONIUM SULFATE 21%	17.0	PMG	14						
7A	BROADSTRIKE+DUAL(7.67L)	2.64	LAA	14	0	23	53	50	66	50
B	ROUNDUP (3SL)	0.56	LAA	14						
C	X-77	0.5	PMV	14						
8A	CANOPY (75WG)	0.28	LAA	14	0	23	53	50	66	50
B	ROUNDUP (3SL)	0.56	LAA	14						
C	X-77	0.5	PMV	14						
9A	CANOPY (75WG)	0.28	LAA	14	0	53	80	99	99	77
B	DUAL II (7.8EC)	2.0	LAA	14						
C	ROUNDUP (3SL)	0.56	LAA	14						
D	X-77	0.5	PMV	14						
10A	BROADSTRIKE+DUAL(7.67L)	2.64	LAA	7	3	50	50	80	50	70
B	ROUNDUP (3SL)	0.56	LAA	7						
C	X-77	0.5	PMV	7						
11A	CANOPY (75WG)	0.28	LAA	7	0	7	60	47	94	63
B	ROUNDUP (3SL)	0.56	LAA	7						
C	X-77	0.5	PMV	7						
12A	CANOPY (75WG)	0.28	LAA	7	5	43	63	10	43	91
B	DUAL II (7.8EC)	2.0	LAA	7						
C	ROUNDUP (3SL)	0.56	LAA	7						
D	X-77	0.5	PMV	7						
13A	COMMAND (4EC)	0.75	LAA	6	0	83	77	95	70	91
B	CANOPY (75WG)	0.23	LAA	6						
C	ROUNDUP (3SL)	0.56	LAA	6						
D	X-77	0.5	PMV	6						

TITLE: **DEKALB SOYBEAN NO-TILL**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/20	SETFA 6/20	POLPY 6/20	CHEAL 6/20	AMBTR 6/20	ABUTH 6/20
14A	COMMAND (4EC)	0.75	LAA	6	5	87	94	94	83	93
B	F6285 (75WG)	0.313	LAA	6						
C	ROUNDUP (3SL)	0.56	LAA	6						
D	X-77	0.5	PMV	6						
15A	DUAL II (7.8EC)	2.0	LAA	7	0	72	88	93	66	55
B	F6285 (75WG)	0.313	LAA	7						
C	ROUNDUP (3SL)	0.56	LAA	7						
D	X-77	0.5	PMV	7						
16A	SELECT (2EC)	0.043	LAA	14	8	88	85	85	99	85
B	2,4-D LVE (3.8EC)	0.5	LAA	14						
C	COC	1.0	PMV	14						
D	FERTILIZER - 28%UAN	1.0	PMV	14						
E	PURSUIT (2SL)	0.063	LAA	10						
F	X-77	0.25	PMV	10						
G	FERTILIZER - 28%UAN	2.5	PMV	10						
17A	SELECT (2EC)	0.063	LAA	14	6	80	78	83	96	90
B	2,4-D LVE (3.8EC)	0.5	LAA	14						
C	COC	1.0	PMV	14						
D	FERTILIZER - 28%UAN	1.0	PMV	14						
E	PURSUIT (2SL)	0.063	LAA	10						
F	X-77	0.25	PMV	10						
G	FERTILIZER - 28%UAN	2.5	PMV	10						
18A	ASSURE II (0.8EC)	0.017	LAA	14	5	88	91	96	96	87
B	2,4-D LVE (3.8EC)	0.5	LAA	14						
C	COC	1.0	PMV	14						
D	CONCERT (25WG)	0.008	LAA	10						
E	ASSURE II (0.8EC)	0.055	LAA	10						
F	X-77	0.125	PMV	10						
G	FERTILIZER - 28%UAN	2.5	PMV	10						
19A	POAST PLUS (1EC)	0.05	LAA	14	10	90	99	99	99	87
B	2,4-D LVE (3.8EC)	0.5	LAA	14						
C	COC	1.0	PMV	14						
D	GALAXY (3.67EC)	0.92	LAA	10						
E	POAST PLUS (1EC)	0.188	LAA	10						
F	SYLGARD	0.25	PMV	10						
20A	FUSION (2.66EC)	0.083	LAA	14	10	87	96	99	99	96
B	2,4-D LVE (3.8EC)	0.5	LAA	14						
C	COC	1.0	PMV	14						
D	REFLEX (2SL)	0.25	LAA	10						
E	BASAGRAN (4SL)	0.25	LAA	10						
F	FUSION (2.66EC)	0.187	LAA	10						
G	SUNIT II	1.0	PMV	10						
H	FERTILIZER - 28%UAN	2.5	PMV	10						
21A	SELECT (2EC)	0.031	LAA	14	2	92	91	99	98	94
B	PROWL (3.3EC)	1.0	LAA	14						
C	2,4-D LVE (3.8EC)	0.5	LAA	14						
D	COC	1.0	PMV	14						
E	FERTILIZER - 28%UAN	1.0	PMV	14						
F	PURSUIT (2SL)	0.063	LAA	10						
G	X-77	0.25	PMV	10						
H	FERTILIZER - 28%UAN	2.5	PMV	10						

TITLE: **DEKALB SOYBEAN NO-TILL**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/20	SETFA 6/20	POLPY 6/20	CHEAL 6/20	AMBTR 6/20	ABUTH 6/20
22A	SELECT (2EC)	0.043	LAA	14	15	92	96	99	99	96
B	PROWL (3.3EC)	1.0	LAA	14						
C	2,4-D LVE (3.8EC)	0.5	LAA	14						
D	COC	1.0	PMV	14						
E	FERTILIZER - 28%UAN	1.0	PMV	14						
F	PURSUIT (2SL)	0.063	LAA	10						
G	X-77	0.25	PMV	10						
H	FERTILIZER - 28%UAN	2.5	PMV	10						
23A	PROWL (3.3EC)	1.25	LAA	14	2	90	99	99	99	93
B	2,4-D LVE (3.8EC)	0.5	LAA	14						
C	COC	1.0	PMV	14						
D	PURSUIT (2SL)	0.063	LAA	10						
E	X-77	0.25	PMV	10						
F	FERTILIZER - 28%UAN	2.5	PMV	10						
24A	ROUNDUP (3SL)	0.38	LAA	14	10	96	96	98	99	95
B	2,4-D LVE (3.8EC)	0.5	LAA	14						
C	X-77	0.5	PMV	14						
D	REFLEX (2SL)	0.25	LAA	10						
E	BASAGRAN (4SL)	0.25	LAA	10						
F	FUSION (2.66EC)	0.187	LAA	10						
G	SUNIT II	1.0	PMV	10						
H	FERTILIZER - 28%UAN	2.5	PMV	10						
25A	TOUCHDOWN (6SL)	0.5	LAA	14	10	92	99	99	98	89
B	2,4-D LVE (3.8EC)	0.5	LAA	14						
C	X-77	0.5	PMV	14						
D	REFLEX (2SL)	0.25	LAA	10						
E	BASAGRAN (4SL)	0.25	LAA	10						
F	FUSION (2.66EC)	0.187	LAA	10						
G	SUNIT II	1.0	PMV	10						
H	FERTILIZER - 28%UAN	2.5	PMV	10						
26A	UNTREATED CHECK	-	-	-	0	0	0	0	0	0
LSD (0.05)					4	18	33	27	37	20

-CONTINUED-

TITLE: **DEKALB SOYBEAN NO-TILL**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/07	SETFA 7/07	POLPY 7/07	CHEAL 7/07	AMBTR 7/07	ABUTH 7/07
1A	SENCOR (75WG)	0.38	LAA	3	7	23	40	48	35	53
B	COMMAND (4EC)	0.88	LAA	3						
C	COC	1.0	PMV	3						
2A	SENCOR (75WG)	0.25	LAA	3	3	27	68	99	20	95
B	COMMAND (4EC)	0.88	LAA	3						
C	CANOPY (75WG)	0.14	LAA	3						
D	COC	1.0	PMV	3						
3A	COMMAND (4EC)	1.00	LAA	3	8	65	87	99	27	93
B	CANOPY (75WG)	0.28	LAA	3						
C	ROUNDUP (3SL)	0.56	LAA	3						
D	X-77	0.5	PMV	3						
4A	COMMAND (4EC)	1.00	LAA	3	13	96	96	99	93	96
B	ROUNDUP (3SL)	0.56	LAA	3						
C	X-77	0.5	PMV	3						
D	PURSUIT (2SL)	0.063	LAA	10						
E	X-77	0.25	PMV	10						
F	FERTILIZER - 28%UAN	2.5	PMV	10						
5A	SENCOR (75WG)	0.141	LAA	14	20	37	71	73	73	68
B	BROADSTRIKE+DUAL (7.67L)	2.4	LAA	14						
C	ROUNDUP (3SL)	0.38	LAA	14						
D	X-77	0.5	PMV	14						
E	AMMONIUM SULFATE 21%	17.0	PMG	14						
6A	TURBO (8EC)	1.0	LAA	14	10	43	65	99	73	47
B	BROADSTRIKE+DUAL (7.67L)	1.5	LAA	14						
C	ROUNDUP (3SL)	0.38	LAA	14						
D	X-77	0.5	PMV	14						
E	AMMONIUM SULFATE 21%	17.0	PMG	14						
7A	BROADSTRIKE+DUAL (7.67L)	2.64	LAA	14	13	23	43	15	70	55
B	ROUNDUP (3SL)	0.56	LAA	14						
C	X-77	0.5	PMV	14						
8A	CANOPY (75WG)	0.28	LAA	14	20	17	75	99	86	53
B	ROUNDUP (3SL)	0.56	LAA	14						
C	X-77	0.5	PMV	14						
9A	CANOPY (75WG)	0.28	LAA	14	0	13	70	99	99	85
B	DUAL II (7.8EC)	2.0	LAA	14						
C	ROUNDUP (3SL)	0.56	LAA	14						
D	X-77	0.5	PMV	14						
10A	BROADSTRIKE+DUAL (7.67L)	2.64	LAA	7	30	23	55	90	43	77
B	ROUNDUP (3SL)	0.56	LAA	7						
C	X-77	0.5	PMV	7						
11A	CANOPY (75WG)	0.28	LAA	7	17	13	63	20	99	80
B	ROUNDUP (3SL)	0.56	LAA	7						
C	X-77	0.5	PMV	7						
12A	CANOPY (75WG)	0.28	LAA	7	33	32	67	22	73	85
B	DUAL II (7.8EC)	2.0	LAA	7						
C	ROUNDUP (3SL)	0.56	LAA	7						
D	X-77	0.5	PMV	7						
13A	COMMAND (4EC)	0.75	LAA	6	0	67	23	99	50	90
B	CANOPY (75WG)	0.23	LAA	6						
C	ROUNDUP (3SL)	0.56	LAA	6						
D	X-77	0.5	PMV	6						

TITLE: **DEKALB SOYBEAN NO-TILL**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/07	SETFA 7/07	POLPY 7/07	CHEAL 7/07	AMBTR 7/07	ABUTH 7/07
14A	COMMAND (4EC)	0.75	LAA	6	13	83	71	96	70	93
B	F6285 (75WG)	0.313	LAA	6						
C	ROUNDUP (3SL)	0.56	LAA	6						
D	X-77	0.5	PMV	6						
15A	DUAL II (7.8EC)	2.0	LAA	7	8	45	66	71	46	70
B	F6285 (75WG)	0.313	LAA	7						
C	ROUNDUP (3SL)	0.56	LAA	7						
D	X-77	0.5	PMV	7						
16A	SELECT (2EC)	0.043	LAA	14	23	85	75	50	94	73
B	2,4-D LVE (3.8EC)	0.5	LAA	14						
C	COC	1.0	PMV	14						
D	FERTILIZER - 28%UAN	1.0	PMV	14						
E	PURSUIT (2SL)	0.063	LAA	10						
F	X-77	0.25	PMV	10						
G	FERTILIZER - 28%UAN	2.5	PMV	10						
17A	SELECT (2EC)	0.063	LAA	14	0	73	50	79	83	62
B	2,4-D LVE (3.8EC)	0.5	LAA	14						
C	COC	1.0	PMV	14						
D	FERTILIZER - 28%UAN	1.0	PMV	14						
E	PURSUIT (2SL)	0.063	LAA	10						
F	X-77	0.25	PMV	10						
G	FERTILIZER - 28%UAN	2.5	PMV	10						
18A	ASSURE II (0.8EC)	0.017	LAA	14	13	87	81	93	79	60
B	2,4-D LVE (3.8EC)	0.5	LAA	14						
C	COC	1.0	PMV	14						
D	CONCERT (25WG)	0.008	LAA	10						
E	ASSURE II (0.8EC)	0.055	LAA	10						
F	X-77	0.125	PMV	10						
G	FERTILIZER - 28%UAN	2.5	PMV	10						
19A	POAST PLUS (1EC)	0.05	LAA	14	7	92	95	99	99	47
B	2,4-D LVE (3.8EC)	0.5	LAA	14						
C	COC	1.0	PMV	14						
D	GALAXY (3.67EC)	0.92	LAA	10						
E	POAST PLUS (1EC)	0.188	LAA	10						
F	SYLGARD	0.25	PMV	10						
20A	FUSION (2.66EC)	0.083	LAA	14	13	70	78	99	99	90
B	2,4-D LVE (3.8EC)	0.5	LAA	14						
C	COC	1.0	PMV	14						
D	REFLEX (2SL)	0.25	LAA	10						
E	BASAGRAN (4SL)	0.25	LAA	10						
F	FUSION (2.66EC)	0.187	LAA	10						
G	SUNIT II	1.0	PMV	10						
H	FERTILIZER - 28%UAN	2.5	PMV	10						
21A	SELECT (2EC)	0.031	LAA	14	0	83	83	96	99	92
B	PROWL (3.3EC)	1.0	LAA	14						
C	2,4-D LVE (3.8EC)	0.5	LAA	14						
D	COC	1.0	PMV	14						
E	FERTILIZER - 28%UAN	1.0	PMV	14						
F	PURSUIT (2SL)	0.063	LAA	10						
G	X-77	0.25	PMV	10						
H	FERTILIZER - 28%UAN	2.5	PMV	10						

TITLE: **DEKALB SOYBEAN NO-TILL**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/07	SETFA 7/07	POLPY 7/07	CHEAL 7/07	AMBTR 7/07	ABUTH 7/07
22A	SELECT (2EC)	0.043	LAA	14	23	92	90	73	99	95
B	PROWL (3.3EC)	1.0	LAA	14						
C	2,4-D LVE (3.8EC)	0.5	LAA	14						
D	COC	1.0	PMV	14						
E	FERTILIZER - 28%UAN	1.0	PMV	14						
F	PURSUIT (2SL)	0.063	LAA	10						
G	X-77	0.25	PMV	10						
H	FERTILIZER - 28%UAN	2.5	PMV	10						
23A	PROWL (3.3EC)	1.25	LAA	14	10	94	95	99	99	91
B	2,4-D LVE (3.8EC)	0.5	LAA	14						
C	COC	1.0	PMV	14						
D	PURSUIT (2SL)	0.063	LAA	10						
E	X-77	0.25	PMV	10						
F	FERTILIZER - 28%UAN	2.5	PMV	10						
24A	ROUNDUP (3SL)	0.38	LAA	14	30	63	87	95	99	68
B	2,4-D LVE (3.8EC)	0.5	LAA	14						
C	X-77	0.5	PMV	14						
D	REFLEX (2SL)	0.25	LAA	10						
E	BASAGRAN (4SL)	0.25	LAA	10						
F	FUSION (2.66EC)	0.187	LAA	10						
G	SUNIT II	1.0	PMV	10						
H	FERTILIZER - 28%UAN	2.5	PMV	10						
25A	TOUCHDOWN (6SL)	0.5	LAA	14	15	92	91	76	83	66
B	2,4-D LVE (3.8EC)	0.5	LAA	14						
C	X-77	0.5	PMV	14						
D	REFLEX (2SL)	0.25	LAA	10						
E	BASAGRAN (4SL)	0.25	LAA	10						
F	FUSION (2.66EC)	0.187	LAA	10						
G	SUNIT II	1.0	PMV	10						
H	FERTILIZER - 28%UAN	2.5	PMV	10						
26A	UNTREATED CHECK	-	-	-	0	0	0	0	0	0
LSD (0.05)					26	22	47	34	48	37

TITLE: DEKALB NOTILL SOYBEAN SEQUENTIAL VS. ONE-PASS

SOIL INFORMATION

TEXTURE: SICL
 PH: 6.1
 % OM: 5.0
 PREV. CROP: ZEAMD-CORN, DENT
 PLOT WIDTH: 10.00 FT
 PLOT LENGTH: 30.00 FT

TRIAL INFORMATION

DESIGN: RCB
 REPS: 3

APPLICATIONS

NUMBER:	/--01--\	/--02--\	UNIT
TYPE:	L	L	
APPL. DATE:	06/10	06/20	MDY
TIME - BEGIN:	05:45	11:30	
AIR TEMP.:	71	88	F°
REL. HUMID.:	35	90	%
WIND DIR.:	SE	N	
WIND SPEED:	5.0	5.0	MPH
SKY COND.:	S	P	
LEAF MOIST:	D	D	
ROOT MOIST:	M	M	
SOIL TEMP.:	68	81	4 INCH
METHOD:	SP	SP	
EQUIPMENT:	BAC	BAC	
PROPELLANT:	CO2	CO2	
PLACEMENT:	BC	BC	
NOZZLE:	FF	FF	
NOZZLE NUMBER:	6	6	
NOZZLE SPACING:	20.0	20.0	IN
SWATH WIDTH:	10.0	10.0	FT
BOOM HEIGHT:	20.0	20.0	IN
SPEED:	3.00	3.00	MPH
MIX SIZE:	0.43	0.43	
MIX SIZE UNIT:	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	
VOLUME UNIT:	GPA	GPA	
PRESSURE:	42.00	42.00	PSI
DILUENT:	WAT	WAT	

TIMINGS: 10 11

* TIMING CODES

10 = POST

11 = LATE POST

SPECIES STAGES

SPECIES:01 P GLXMA
COMMON NAME:SOYBEAN
TARGET:CROP

CULTIVAR:PIONEER 9303

POPULATION: BU/A PLANTING DATE:05/10

PLANTING DEPTH:1.0 IN ROW WIDTH:30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/10	12	NA	3.00	4.00	3.50 IN
06/20	14	NA	5.00	7.00	6.00 IN

SPECIES:02 P SETFA
COMMON NAME:FOXTAIL, GIANT
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/10	13	H	4.00	4.00	4.00 IN
06/20	14	H	6.00	8.00	7.00 IN

SPECIES:03 P ABUTH
COMMON NAME:VELVETLEAF
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/10	13	H	2.00	2.00	2.00 IN
06/20	15	H	3.00	4.00	3.50 IN

SPECIES:04 P CHEAL
COMMON NAME:LAMBSQUARTERS, COMMON
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/10	15	L	1.00	2.00	1.50 IN
06/20	18	L	2.00	3.00	3.50 IN

SPECIES:05 P POLPY
COMMON NAME:SMARTWEED, PENNSYLVANIA
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/10	13	L	2.00	3.00	2.50 IN
06/20	15	L	3.00	4.00	3.50 IN

* STAGE CODE

- 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: **DEKALB NOTILL SOYBEAN SEQUENTIAL VS. ONE-PASS**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/20	SETFA 6/20	ABUTH 6/20	CHEAL 6/20	POLPY 6/20
1A	GALAXY (3.67SL)	0.92	LAA	10	2	20	50	27	83
B	FERTILIZER - 28%UAN	2.5	PMV	10					
C	POAST PLUS (1EC)	0.188	LAA	11					
2A	GALAXY (3.67SL)	0.92	LAA	10	7	85	86	94	93
B	POAST PLUS (1EC)	0.188	LAA	10					
C	SYLGARD 309	0.25	PMV	10					
3A	PURSUIT (2SL)	0.063	LAA	10	1	88	93	99	98
B	X-77	0.25	PMV	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	SELECT (2EC)	0.063	LAA	11					
E	COC	1.0	PMV	11					
4A	PURSUIT (2SL)	0.063	LAA	10	1	88	93	99	98
E	SELECT (2EC)	0.094	LAA	10					
C	COC	1.0	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
5A	PURSUIT (2SL)	0.063	LAA	10	10	71	99	76	91
B	COBRA (2EC)	0.094	LAA	10					
C	COC	1.0	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
E	SELECT (2EC)	0.094	LAA	11					
F	COC	1.0	PMV	11					
6A	PURSUIT (2SL)	0.063	LAA	10	11	90	83	81	89
B	COBRA (2EC)	0.094	LAA	10					
C	SELECT (2EC)	0.094	LAA	10					
D	COC	1.0	PMV	10					
E	FERTILIZER - 28%UAN	2.5	PMV	10					
7A	PURSUIT (2SL)	0.063	LAA	10	10	83	83	88	85
B	COBRA (2EC)	0.125	LAA	10					
C	COC	1.0	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
E	SELECT (2EC)	0.094	LAA	11					
F	COC	1.0	PMV	11					
8A	PURSUIT (2SL)	0.063	LAA	10	10	90	93	86	90
B	COBRA (2EC)	0.125	LAA	10					
C	SELECT (2EC)	0.094	LAA	10					
D	COC	1.0	PMV	10					
E	FERTILIZER - 28%UAN	2.5	PMV	10					
9A	CONCERT (25WG)	0.008	LAA	10	4	17	90	99	94
B	X-77	0.125	PMV	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	ASSURE II (0.88EC)	0.055	LAA	11					
E	COC	1.0	PMV	11					
10A	CONCERT (25WG)	0.008	LAA	10	5	85	85	89	90
B	ASSURE II (0.88EC)	0.055	LAA	10					
C	X-77	0.25	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
11A	BASAGRAN (4SL)	0.75	LAA	10	8	27	65	99	75
B	CONCERT (25WG)	0.0032	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	POAST PLUS (1EC)	0.188	LAA	11					
12A	BASAGRAN (4SL)	0.75	LAA	10	5	80	58	86	78
B	CONCERT (25WG)	0.0032	LAA	10					
C	POAST PLUS (1EC)	0.188	LAA	10					
D	SYLGARD 309	0.25	PMV	10					

TITLE: **DEKALB NOTILL SOYBEAN SEQUENTIAL VS. ONE-PASS**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/20	SETFA 6/20	ABUTH 6/20	CHEAL 6/20	POLPY 6/20
13A	COBRA (2EC)	0.125	LAA	10	10	62	93	66	67
B	COC	1.0	PMV	10					
C	SELECT (2EC)	0.094	LAA	11					
D	COC	1.0	PMV	11					
14A	COBRA (2EC)	0.125	LAA	10	7	90	72	66	65
C	SELECT (2EC)	0.094	LAA	10					
D	COC	1.0	PMV	10					
15A	REFLEX-ADJ (1EC)	0.25	LAA	10	10	38	75	89	83
B	FERTILIZER - 28%UAN	2.5	PMV	10					
C	FUSION (2.66EC)	0.166	LAA	11					
D	COC	1.0	PMV	11					
16A	REFLEX-ADJ (1EC)	0.25	LAA	10	10	90	60	98	80
B	FUSION (2.66EC)	0.187	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
17A	REFLEX (2SL)	0.25	LAA	10	10	33	68	86	75
B	BASAGRAN (4SL)	0.25	LAA	10					
C	COC	1.0	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
E	FUSION (2.66EC)	0.166	LAA	11					
F	COC	1.0	PMV	11					
18A	REFLEX (2SL)	0.25	LAA	10	9	92	77	76	88
B	BASAGRAN (4SL)	0.25	LAA	10					
C	FUSION (2.66EC)	0.187	LAA	10					
D	COC	1.0	PMV	10					
E	FERTILIZER - 28%UAN	2.5	PMV	10					
19A	PURSUIT (2SL)	0.063	LAA	10	2	87	80	93	90
B	PINNACLE (25WG)	0.002	LAA	10					
C	X-77	0.125	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
E	SELECT (2EC)	0.094	LAA	11					
F	COC	1.0	PMV	11					
20A	PURSUIT (2SL)	0.063	LAA	10	1	90	85	89	85
B	PINNACLE (25WG)	0.002	LAA	10					
C	SELECT (2EC)	0.094	LAA	10					
D	COC	1.0	PMV	10					
E	FERTILIZER - 28%UAN	2.5	PMV	10					
21A	PURSUIT (2SL)	0.063	LAA	10	6	75	72	99	75
B	X-77	0.25	PMV	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
22A	UNTREATED CHECK	-	-	-	0	0	0	0	0
LS	D (0.05)				4	27	25	28	23

-CONTINUED-

TITLE: **DEKALB NOTILL SOYBEAN SEQUENTIAL VS. ONE-PASS**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/07	SETFA 7/07	ABUTH 7/07	CHEAL 7/07	POLPY 7/07
1A	GALAXY (3.67SL)	0.92	LAA	10	0	93	88	96	96
B	FERTILIZER - 28%UAN	2.5	PMV	10					
C	POAST PLUS (1EC)	0.188	LAA	11					
2A	GALAXY (3.67SL)	0.92	LAA	10	0	85	83	85	91
B	POAST PLUS (1EC)	0.188	LAA	10					
C	SYLGARD 309	0.25	PMV	10					
3A	PURSUIT (2SL)	0.063	LAA	10	7	92	68	75	67
B	X-77	0.25	PMV	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	SELECT (2EC)	0.063	LAA	11					
E	COC	1.0	PMV	11					
4A	PURSUIT (2SL)	0.063	LAA	10	3	80	95	98	98
E	SELECT (2EC)	0.094	LAA	10					
C	COC	1.0	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
5A	PURSUIT (2SL)	0.063	LAA	10	8	96	99	93	98
B	COBRA (2EC)	0.094	LAA	10					
C	COC	1.0	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
E	SELECT (2EC)	0.094	LAA	11					
F	COC	1.0	PMV	11					
6A	PURSUIT (2SL)	0.063	LAA	10	7	62	87	93	95
B	COBRA (2EC)	0.094	LAA	10					
C	SELECT (2EC)	0.094	LAA	10					
D	COC	1.0	PMV	10					
E	FERTILIZER - 28%UAN	2.5	PMV	10					
7A	PURSUIT (2SL)	0.063	LAA	10	7	93	87	98	96
B	COBRA (2EC)	0.125	LAA	10					
C	COC	1.0	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
E	SELECT (2EC)	0.094	LAA	11					
F	COC	1.0	PMV	11					
8A	PURSUIT (2SL)	0.063	LAA	10	7	68	93	88	98
B	COBRA (2EC)	0.125	LAA	10					
C	SELECT (2EC)	0.094	LAA	10					
D	COC	1.0	PMV	10					
E	FERTILIZER - 28%UAN	2.5	PMV	10					
9A	CONCERT (25WG)	0.008	LAA	10	5	96	83	98	96
B	X-77	0.125	PMV	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	ASSURE II (0.88EC)	0.055	LAA	11					
E	COC	1.0	PMV	11					
10A	CONCERT (25WG)	0.008	LAA	10	0	43	93	96	96
B	ASSURE II (0.88EC)	0.055	LAA	10					
C	X-77	0.25	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
11A	BASAGRAN (4SL)	0.75	LAA	10	0	93	91	98	95
B	CONCERT (25WG)	0.0032	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	POAST PLUS (1EC)	0.188	LAA	11					
12A	BASAGRAN (4SL)	0.75	LAA	10	0	83	88	93	98
B	CONCERT (25WG)	0.0032	LAA	10					
C	POAST PLUS (1EC)	0.188	LAA	10					
D	SYLGARD 309	0.25	PMV	10					

TITLE: DEKALB NOTILL SOYBEAN SEQUENTIAL VS. ONE-PASS

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/07	SETFA 7/07	ABUTH 7/07	CHEAL 7/07	POLPY 7/07
13A	COBRA (2EC)	0.125	LAA	10	7	95	95	81	85
B	COC	1.0	PMV	10					
C	SELECT (2EC)	0.094	LAA	11					
D	COC	1.0	PMV	11					
14A	COBRA (2EC)	0.125	LAA	10	3	88	77	65	70
C	SELECT (2EC)	0.094	LAA	10					
D	COC	1.0	PMV	10					
15A	REFLEX-ADJ (1EC)	0.25	LAA	10	5	99	91	98	95
B	FERTILIZER - 28%UAN	2.5	PMV	10					
C	FUSION (2.66EC)	0.166	LAA	11					
D	COC	1.0	PMV	11					
16A	REFLEX-ADJ (1EC)	0.25	LAA	10	0	92	90	99	99
B	FUSION (2.66EC)	0.187	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
17A	REFLEX (2SL)	0.25	LAA	10	2	98	86	98	98
B	BASAGRAN (4SL)	0.25	LAA	10					
C	COC	1.0	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
E	FUSION (2.66EC)	0.166	LAA	11					
F	COC	1.0	PMV	11					
18A	REFLEX (2SL)	0.25	LAA	10	0	70	88	98	99
B	BASAGRAN (4SL)	0.25	LAA	10					
C	FUSION (2.66EC)	0.187	LAA	10					
D	COC	1.0	PMV	10					
E	FERTILIZER - 28%UAN	2.5	PMV	10					
19A	PURSUIT (2SL)	0.063	LAA	10	7	95	93	98	99
B	PINNACLE (25WG)	0.002	LAA	10					
C	X-77	0.125	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
E	SELECT (2EC)	0.094	LAA	11					
F	COC	1.0	PMV	11					
20A	PURSUIT (2SL)	0.063	LAA	10	2	85	95	96	98
B	PINNACLE (25WG)	0.002	LAA	10					
C	SELECT (2EC)	0.094	LAA	10					
D	COC	1.0	PMV	10					
E	FERTILIZER - 28%UAN	2.5	PMV	10					
21A	PURSUIT (2SL)	0.063	LAA	10	3	68	95	96	95
B	X-77	0.25	PMV	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
22A	UNTREATED CHECK	-	-	-	0	0	0	0	0
LSD (0.05)					7	13	13	17	13

TITLE: DEKALB TOTAL POSTEMERGENCE WEED CONTROL IN SOYBEANS

SOIL INFORMATION

TEXTURE: SIL
 PH: 6.2
 % OM: 5.0
 PREV. CROP: ZEAMD-CORN, DENT
 PLOT WIDTH: 10.00 FT
 PLOT LENGTH: 30.00 FT

TRIAL INFORMATION

DESIGN: RCB
 REPS: 3

APPLICATIONS

NUMBER:	/--01--\	/--02--\	UNIT
TYPE:	L	L	
APPL. DATE:	06/07	06/11	MDY
TIME - BEGIN:	09:00	08:00	
AIR TEMP.:	73	68	F°
REL. HUMID.:	80	55	%
WIND DIR.:	NW	SW	
WIND SPEED:	4.0	5.0	MPH
SKY COND.:	C	S	
LEAF MOIST:	D	D	
ROOT MOIST:	D	D	
SOIL TEMP.:	70	67	4 INCH
METHOD:	SP	SP	
EQUIPMENT:	BAC	BAC	
PROPELLANT:	CO2	CO2	
PLACEMENT:	BC	BC	
NOZZLE:	FF	FF	
NOZZLE NUMBER:	6	6	
NOZZLE SPACING:	20.0	20.0	IN
SWATH WIDTH:	10.0	10.0	FT
BOOM HEIGHT:	20.0	20.0	IN
SPEED:	3.00	3.00	MPH
MIX SIZE:	0.43	0.43	
MIX SIZE UNIT:	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	
VOLUME UNIT:	GPA	GPA	
PRESSURE:	44.00	44.00	PSI
DILUENT:	WAT	WAT	

TIMINGS: 09 10

* TIMING CODES
 09 = EARLY POST
 10 = POST

SPECIES STAGES

SPECIES:01 P GLXMA
COMMON NAME:SOYBEAN
TARGET:CROP

CULTIVAR:PIONEER 9273

POPULATION: BU/A PLANTING DATE:05/10

PLANTING DEPTH:1.0 IN ROW WIDTH:30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/07	12	NA	4.00	4.00	4.00 IN
06/11	13	NA	8.00	8.00	8.00 IN

SPECIES:02 P SETFA
COMMON NAME:FOXTAIL, GIANT
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/07	13	H	4.00	4.00	4.00 IN
06/11	14	H	6.00	6.00	6.00 IN

SPECIES:03 P ABUTH
COMMON NAME:VELVETLEAF
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/07	13	H	2.00	2.00	2.00 IN
06/11	15	H	3.00	4.00	3.50 IN

SPECIES:04 P CHEAL
COMMON NAME:LAMBSQUARTERS, COMMON
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/07	15	H	2.00	2.00	2.00 IN
06/11	17	H	3.00	3.00	3.00 IN

* STAGE CODE

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: **DEKALB TOTAL POSTEMERGENCE WEED CONTROL IN SOYBEANS**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7DAT	SETFA 7DAT	ABUTH 7DAT	CHEAL 7DAT
1A	GALAXY (3.67SL)	0.74	LAA	9	15	56	73	13
B	POAST PLUS (1EC)	0.141	LAA	9				
C	SYLGARD 309	0.25	PMV	9				
2A	GALAXY (3.67SL)	0.92	LAA	9	20	83	87	90
B	POAST PLUS (1EC)	0.188	LAA	9				
C	SYLGARD 309	0.25	PMV	9				
3A	CONCERT (25DF)	0.006	LAA	9	0	75	85	32
B	ASSURE II (0.88EC)	0.041	LAA	9				
C	COC	1.00	PMV	9				
D	FERTILIZER - 28%UAN	2.5	PMV	9				
4A	CONCERT (25DF)	0.008	LAA	9	2	90	95	58
B	ASSURE II (0.88EC)	0.055	LAA	9				
C	COC	1.00	PMV	9				
D	FERTILIZER - 28%UAN	2.5	PMV	9				
5A	REFLEX-ADJ (1.0EC)	0.25	LAA	9	15	95	98	80
B	FUSION (2.66EC)	0.156	LAA	9				
D	FERTILIZER - 28%UAN	2.5	PMV	9				
6A	REFLEX-ADJ (1.0EC)	0.313	LAA	9	20	98	98	68
B	FUSION (2.66EC)	0.208	LAA	9				
D	FERTILIZER - 28%UAN	2.5	PMV	9				
7A	PURSUIT (2SL)	0.043	LAA	9	0	33	45	10
B	X-77	0.25	PMV	9				
D	FERTILIZER - 28%UAN	2.5	PMV	9				
8A	PURSUIT (2SL)	0.063	LAA	9	0	52	68	15
B	X-77	0.25	PMV	9				
D	FERTILIZER - 28%UAN	2.5	PMV	9				
9A	PURSUIT (2SL)	0.043	LAA	9	25	91	93	23
B	COBRA (2EC)	0.094	LAA	9				
C	COC	1.00	PMV	9				
D	FERTILIZER - 28%UAN	2.5	PMV	9				
10A	PURSUIT (2SL)	0.063	LAA	9	25	95	98	56
B	COBRA (2EC)	0.125	LAA	9				
C	COC	1.00	PMV	9				
D	FERTILIZER - 28%UAN	2.5	PMV	9				
11A	GALAXY (3.67SL)	0.74	LAA	10	10	73	8	8
B	POAST PLUS (1EC)	0.141	LAA	10				
C	SYLGARD 309	0.25	PMV	10				
12A	GALAXY (3.67SL)	0.92	LAA	10	10	92	80	93
B	POAST PLUS (1EC)	0.188	LAA	10				
C	SYLGARD 309	0.25	PMV	10				
13A	CONCERT (25DF)	0.006	LAA	10	1	88	95	35
B	ASSURE II (0.88EC)	0.041	LAA	10				
C	COC	1.00	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
14A	CONCERT (25DF)	0.008	LAA	10	8	98	96	83
B	ASSURE II (0.88EC)	0.055	LAA	10				
C	COC	1.00	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				

TITLE: DEKALB TOTAL POSTEMERGENCE WEED CONTROL IN SOYBEANS

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7DAT	SETFA 7DAT	ABUTH 7DAT	CHEAL 7DAT
15A	REFLEX-ADJ (1.0EC)	0.25	LAA	10	9	98	98	62
B	FUSION (2.66EC)	0.156	LAA	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
16A	REFLEX-ADJ (1.0EC)	0.313	LAA	10	13	99	99	83
B	FUSION (2.66EC)	0.208	LAA	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
17A	PURSUIT (2SL)	0.043	LAA	10	0	75	76	28
B	X-77	0.25	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
18A	PURSUIT (2SL)	0.063	LAA	10	0	77	93	20
B	X-77	0.25	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
19A	PURSUIT (2SL)	0.043	LAA	10	13	93	98	63
B	COBRA (2EC)	0.094	LAA	10				
C	COC	1.00	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
20A	PURSUIT (2SL)	0.063	LAA	10	12	93	99	66
B	COBRA (2EC)	0.125	LAA	10				
C	COC	1.00	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
21A	HAND WEEDED	-	-	-	0	99	99	99
22A	UNTREATED CHECK	0.00	NA	-	0	0	0	0
	LSD (0.05)				2	19	28	27

-CONTINUED-

TITLE: **DEKALB TOTAL POSTEMERGENCE WEED CONTROL IN SOYBEANS**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7-7	SETFA 7-7	ABUTH 7-7	CHEAL 7-7	BU/A 7-7
1A	GALAXY (3.67SL)	0.74	LAA	9	3	62	63	32	44.5
B	POAST PLUS (1EC)	0.141	LAA	9					
C	SYLGARD 309	0.25	PMV	9					
2A	GALAXY (3.67SL)	0.92	LAA	9	4	89	84	48	49.4
B	POAST PLUS (1EC)	0.188	LAA	9					
C	SYLGARD 309	0.25	PMV	9					
3A	CONCERT (25DF)	0.006	LAA	9	2	84	93	47	50.9
B	ASSURE II (0.88EC)	0.041	LAA	9					
C	COC	1.00	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
4A	CONCERT (25DF)	0.008	LAA	9	4	85	92	75	55.1
B	ASSURE II (0.88EC)	0.055	LAA	9					
C	COC	1.00	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
5A	REFLEX-ADJ (1.0EC)	0.25	LAA	9	2	92	95	77	54.2
B	FUSION (2.66EC)	0.156	LAA	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
6A	REFLEX-ADJ (1.0EC)	0.313	LAA	9	3	91	98	50	46.5
B	FUSION (2.66EC)	0.208	LAA	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
7A	PURSUIT (2SL)	0.043	LAA	9	3	77	59	23	50.1
B	X-77	0.25	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
8A	PURSUIT (2SL)	0.063	LAA	9	3	76	65	23	45.2
B	X-77	0.25	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
9A	PURSUIT (2SL)	0.043	LAA	9	9	82	99	18	39.2
B	COBRA (2EC)	0.094	LAA	9					
C	COC	1.00	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
10A	PURSUIT (2SL)	0.063	LAA	9	11	95	98	60	55.3
B	COBRA (2EC)	0.125	LAA	9					
C	COC	1.00	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
11A	GALAXY (3.67SL)	0.74	LAA	10	3	71	30	3	40.5
B	POAST PLUS (1EC)	0.141	LAA	10					
C	SYLGARD 309	0.25	PMV	10					
12A	GALAXY (3.67SL)	0.92	LAA	10	2	97	64	72	51.3
B	POAST PLUS (1EC)	0.188	LAA	10					
C	SYLGARD 309	0.25	PMV	10					
13A	CONCERT (25DF)	0.006	LAA	10	2	87	87	37	51.8
B	ASSURE II (0.88EC)	0.041	LAA	10					
C	COC	1.00	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
14A	CONCERT (25DF)	0.008	LAA	10	3	96	93	85	56.9
B	ASSURE II (0.88EC)	0.055	LAA	10					
C	COC	1.00	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
15A	REFLEX-ADJ (1.0EC)	0.25	LAA	10	2	98	99	59	53.4
B	FUSION (2.66EC)	0.156	LAA	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					

TITLE: **DEKALB TOTAL POSTEMERGENCE WEED CONTROL IN SOYBEANS**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7-7	SETFA 7-7	ABUTH 7-7	CHEAL 7-7	BU/A 7-7
16A	REFLEX-ADJ (1.0EC)	0.313	LAA	10	2	98	98	68	51.4
B	FUSION (2.66EC)	0.208	LAA	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
17A	PURSUIT (2SL)	0.043	LAA	10	1	82	73	27	45.9
B	X-77	0.25	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
18A	PURSUIT (2SL)	0.063	LAA	10	3	76	81	35	54.2
B	X-77	0.25	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
19A	PURSUIT (2SL)	0.043	LAA	10	6	88	97	27	53.0
B	COBRA (2EC)	0.094	LAA	10					
C	COC	1.00	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
20A	PURSUIT (2SL)	0.063	LAA	10	7	70	96	37	41.8
B	COBRA (2EC)	0.125	LAA	10					
C	COC	1.00	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
21A	HAND WEEDED	-	-	-	0	99	99	99	56.1
22A	UNTREATED CHECK	0.00	NA	-	0	0	0	0	47.9
	LSD (0.05)				5	30	35	35	11

TITLE: DEKALB STS SOYBEAN POSTEMERGENCE WEED CONTROL

SOIL INFORMATION

TEXTURE: SIL
 PH: 6.1
 % OM: 5.0
 PREV.CROP: ZEAMD-CORN, DENT
 PLOT WIDTH: 10.00 FT
 PLOT LENGTH: 30.00 FT

TRIAL INFORMATION

DESIGN: RCB
 REPS: 3

APPLICATIONS

NUMBER: /--01--\ UNIT
 TYPE: L
 APPL. DATE: 06/07 MDY
 TIME - BEGIN: 01:30
 AIR TEMP.: 74 F°
 REL. HUMID.: 70
 WIND DIR.: W
 WIND SPEED: 5.0 MPH
 SKY COND.: P
 LEAF MOIST: D
 ROOT MOIST: D
 METHOD: SP
 EQUIPMENT: BAC
 PROPELLANT: CO2
 PLACEMENT: BC
 NOZZLE: FF
 NOZZLE NUMBER: 6
 NOZZLE SPACING: 20.0 IN
 SWATH WIDTH: 10.0 FT
 BOOM HEIGHT: 20.0 IN
 SPEED: 3.00 MPH
 MIX SIZE: 0.43
 MIX SIZE UNIT: GAL
 SPRAY VOLUME: 10.00
 VOLUME UNIT: GPA
 PRESSURE: 44.00 PSI
 DILUENT: WAT

TIMINGS: 09

* TIMING CODES
 09 = EARLY POST

** BLANKET APPLICATION OF 0.188LB POAST PLUS ON JUNE 17.

SPECIES STAGES

SPECIES:01 P GLXMA		COMMON NAME:SOYBEAN		TARGET:CROP		
CULTIVAR:ASGROW 3303		POPULATION: BU./A		PLANTING DATE:05/10		
PLANTING DEPTH:1.0 IN		ROW WIDTH:30.0 IN				
STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE	
06/07	11	NA	4.00	4.00	4.00 IN	

SPECIES:02 P ABUTH		COMMON NAME:VELVETLEAF		TARGET:PEST		
STAGE ON		STAGE CODE				
06/07		13				
STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE	
06/07	13	H	2.00	2.00	2.00 IN	

* STAGE CODE

11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: DEKALB STS SOYBEAN POSTEMERGENCE WEED CONTROL

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/20	ABUTH 6/20	INJ 7/07	ABUTH 7/07
1A	KU253 (42WG)	0.013	LAA	9	0	99	0	99
B	COC	1.00	PMV	9				
C	FERTILIZER - 28%UAN	2.5	PMV	9				
2A	KU253 (42WG)	0.02	LAA	9	2	93	0	94
B	COC	1.00	PMV	9				
C	FERTILIZER - 28%UAN	2.5	PMV	9				
3A	KU253 (42WG)	0.013	LAA	9	7	94	1	94
B	ASSURE II (0.8EC)	0.055	LAA	9				
C	COC	1.00	PMV	9				
D	FERTILIZER - 28%UAN	2.5	PMV	9				
4A	KU253 (42WG)	0.013	LAA	9	5	99	0	98
B	POAST PLUS (1EC)	0.188	LAA	9				
C	COC	1.00	PMV	9				
D	FERTILIZER - 28%UAN	2.5	PMV	9				
5A	CLASSIC (25WG)	0.008	LAA	9	1	85	0	85
B	COC	1.00	PMV	9				
C	FERTILIZER - 28%UAN	2.5	PMV	9				
6A	CONCERT (25WG)	0.008	LAA	9	0	99	0	99
B	COC	1.00	PMV	9				
C	FERTILIZER - 28%UAN	2.5	PMV	9				
7A	CONCERT (25WG)	0.01	LAA	9	0	90	1	90
B	COC	1.00	PMV	9				
C	FERTILIZER - 28%UAN	2.5	PMV	9				
8A	CONCERT (25WG)	0.008	LAA	9	1	93	0	99
B	ASSURE II (0.8EC)	0.055	LAA	9				
C	COC	1.00	PMV	9				
D	FERTILIZER - 28%UAN	2.5	PMV	9				
9A	PURSUIT (2SL)	0.063	LAA	9	10	96	4	98
B	SUNIT II	1.00	PMV	9				
C	FERTILIZER - 28%UAN	2.5	PMV	9				
10A	GALAXY (3.67EC)	0.92	LAA	9	4	91	2	94
B	POAST PLUS (1EC)	0.188	LAA	9				
C	KINETIC	0.125	PMV	9				
11A	PURSUIT (2SL)	0.063	LAA	9	8	96	1	98
B	PINNACLE (25WG)	0.002	LAA	9				
C	X-77	0.25	PMV	9				
D	FERTILIZER - 28%UAN	2.5	PMV	9				
12A	PURSUIT (2SL)	0.063	LAA	9	10	96	3	98
B	PINNACLE (25WG)	0.004	LAA	9				
C	X-77	0.25	PMV	9				
D	FERTILIZER - 28%UAN	2.5	PMV	9				
13A	BEACON (75WG)	0.036	LAA	9	5	94	0	98
B	COC	1.00	PMV	9				
C	FERTILIZER - 28%UAN	2.5	PMV	9				
14A	PERMIT (75WG)	0.031	LAA	9	15	94	2	98
B	X-77	0.25	PMV	9				
15A	EXCEED (57WG)	0.027	LAA	9	78	94	78	93
B	X-77	0.25	PMV	9				
16A	HAND WEDED	-	-	-	0	99	0	99

TITLE: **DEKALB STS SOYBEAN POSTEMERGENCE WEED CONTROL**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/20	ABUTH 6/20	INJ 7/07	ABUTH 7/07
17A	UNTREATED CHECK	0.00	NA	-	0	0	0	0
	LSD (0.05)				8	13	2	12

TITLE: DEKALB ROUNDUP READY SOYBEAN TIMING STUDY

SOIL INFORMATION

TEXTURE: SIL
 PH: 6.1
 % OM: 5.0
 PREV. CROP: ZEAMD-CORN, DENT
 PLOT WIDTH: 10.00 FT
 PLOT LENGTH: 20.00 FT

TRIAL INFORMATION

DESIGN: RCB
 REPS: 3

APPLICATIONS

NUMBER:	/--01--\	/--02--\	UNIT
TYPE:	L	L	
APPL. DATE:	06/11	06/20	MDY
TIME - BEGIN:	09:00	12:20	
AIR TEMP.:	73	90	F°
REL. HUMID.:	55	90	%
WIND DIR.:	SW	N	
WIND SPEED:	10.0	5.0	MPH
SKY COND.:	P	P	
LEAF MOIST:	D	D	
ROOT MOIST:	D	M	
SOIL TEMP.:	70	81	4 INCH
METHOD:	SP	SP	
EQUIPMENT:	BAC	BAC	
PROPELLANT:	CO2	CO2	
PLACEMENT:	BC	BC	
NOZZLE:	FF	FF	
NOZZLE NUMBER:	6	6	
NOZZLE SPACING:	20.0	20.0	IN
SWATH WIDTH:	10.0	10.0	FT
BOOM HEIGHT:	20.0	20.0	IN
SPEED:	3.00	3.00	MPH
MIX SIZE:	0.16	0.16	
MIX SIZE UNIT:	GAL	GAL	
SPRAY VOLUME:	10.00	10.00	
VOLUME UNIT:	GPA	GPA	
PRESSURE:	42.00	42.00	PSI
DILUENT:	WAT	WAT	

TIMINGS: 10 11

* TIMING CODES

10 = POST
 11 = LATE POST

SPECIES STAGES

SPECIES:01 P GLXMA		COMMON NAME:SOYBEAN	TARGET:CROP
CULTIVAR:ROUNDUP RES.SOYBEAN		POPULATION: 150,000/A	PLANTING DATE:05/10
PLANTING DEPTH:1.0 IN		ROW WIDTH:30.0 IN	
STAGE ON	STAGE CODE	POP.GEN.	MN SIZE
06/11	13	NA	4.00
06/20	15	NA	6.00
			MX SIZE
			4.00
			6.00
			AV SIZE
			4.00 IN
			6.00 IN

SPECIES:02 P ABUTH		COMMON NAME:VELVETLEAF	TARGET:PEST
STAGE ON	STAGE CODE	POP.GEN.	MN SIZE
06/11	14	H	2.00
06/20	16	H	6.00
			MX SIZE
			3.00
			8.00
			AV SIZE
			2.50 IN
			7.00 IN

* STAGE CODE

13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: **DEKALB ROUNDUP READY SOYBEAN TIMING STUDY**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/20	ABUTH 6/20	INJ 7/07	ABUTH 7/07	BU/A 10/05
1A	ROUNDUP (3SL)	0.28	LAA	10	0	40	0	73	33.2
B	X-77	0.5	PMV	10					
2A	ROUNDUP (3SL)	0.38	LAA	10	0	73	0	78	37.9
B	X-77	0.5	PMV	10					
3A	ROUNDUP (3SL)	0.56	LAA	10	0	63	0	76	33.8
B	X-77	0.5	PMV	10					
4A	ROUNDUP (3SL)	0.75	LAA	10	0	88	0	98	32.0
B	X-77	0.5	PMV	10					
5A	ROUNDUP (3SL)	0.56	LAA	10	0	82	0	99	36.7
B	X-77	0.5	PMV	10					
C	ROUNDUP (3SL)	0.38	LAA	11					
D	X-77	0.5	PMV	11					
6A	ROUNDUP (3SL)	0.56	LAA	10	0	73	0	98	32.8
B	X-77	0.5	PMV	10					
C	ROUNDUP (3SL)	0.56	LAA	11					
D	X-77	0.5	PMV	11					
7A	ROUNDUP (3SL)	0.38	LAA	11	0	0	0	99	37.1
B	X-77	0.5	PMV	11					
8A	ROUNDUP (3SL)	0.56	LAA	11	0	0	0	98	36.0
B	X-77	0.5	PMV	11					
9A	ROUNDUP (3SL)	0.75	LAA	11	0	0	0	99	35.1
B	X-77	0.5	PMV	11					
10A	PURSUIT (2SL)	0.063	LAA	10	0	57	0	76	37.3
B	X-77	0.25	PMV	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
11A	HAND WEEDED	-	-	-	0	99	0	99	33.9
12A	UNTREATED CHECK	0.00	NA	-	0	0	0	0	36.7
	LSD (0.05)				0	33	0	28	8

TITLE: DEKALB ROUNDUP READY SOYBEAN TANK-MIX STUDY

SOIL INFORMATION

TEXTURE: SIL
 PH: 6.1
 % OM: 5.0
 PREV. CROP: ZEAMD-CORN, DENT
 PLOT WIDTH: 10.00 FT
 PLOT LENGTH: 20.00 FT

TRIAL INFORMATION

DESIGN:RCB
 REPS:3

APPLICATIONS

NUMBER:	/--01--\	/--02--\	UNIT
TYPE:	L	L	
APPL. DATE:	06/11	06/20	MDY
TIME - BEGIN:	09:30	12:35	
AIR TEMP.:	74	91	F°
REL. HUMID.:	55	90	%
WIND DIR.:	SW	N	
WIND SPEED:	10.0	5.0	MPH
SKY COND.:	P	S	
LEAF MOIST:	D	D	
ROOT MOIST:	D	M	
SOIL TEMP.:	70	81	4 INCH
METHOD:	SP	SP	
EQUIPMENT:	BAC	BAC	
PROPELLANT:	CO2	CO2	
PLACEMENT:	BC	BC	
NOZZLE:	FF	FF	
NOZZLE NUMBER:	6	6	
NOZZLE SPACING:	20.0	20.0	IN
SWATH WIDTH:	10.0	10.0	FT
BOOM HEIGHT:	20.0	20.0	IN
SPEED:	3.00	3.00	MPH
MIX SIZE:	0.16	0.16	
MIX SIZE UNIT:	GAL	GAL	
SPRAY VOLUME:	10.00	10.00	
VOLUME UNIT:	GPA	GPA	
PRESSURE:	42.00	42.00	PSI
DILUENT:	WAT	WAT	
TIMINGS:	10	11	

* TIMING CODES
 10 = POST
 11 = LATE POST

SPECIES STAGES

SPECIES:01 P GLXMA		COMMON NAME:SOYBEAN	TARGET:CROP
CULTIVAR:ROUNDUP RES.SOYBEAN		POPULATION: 150,000/A	PLANTING DATE:05/24
PLANTING DEPTH:1.0 IN		ROW WIDTH:30.0 IN	
STAGE ON	STAGE CODE	POP.GEN.	MN SIZE MX SIZE AV SIZE
06/11	13	NA	3.00 4.00 3.50 IN
06/20	16	NA	6.00 8.00 7.00 IN

SPECIES:02 P ABUTH		COMMON NAME:VELVETLEAF	TARGET:PEST
STAGE ON	STAGE CODE	POP.GEN.	MN SIZE MX SIZE AV SIZE
06/11	12	H	2.00 3.00 2.50 IN
06/20	15	H	6.00 8.00 7.00 IN

* STAGE CODE

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: **DEKALB ROUNDUP READY SOYBEAN TANK-MIX STUDY**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/20	ABUTH 6/20	INJ 7/07	ABUTH 7/07	BU/A 10/06
1A	ROUNDUP (3SL)	0.56	LAA	10	7	67	0	89	38.6
B	X-77	0.5	PMV	10					
2A	ROUNDUP (3SL)	0.75	LAA	10	0	95	0	98	37.8
B	X-77	0.5	PMV	10					
3A	ROUNDUP (3SL)	0.56	LAA	10	10	93	1	97	33.1
B	BASAGRAN (4SL)	0.75	LAA	10					
C	X-77	0.5	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
4A	ROUNDUP (3SL)	0.56	LAA	10	8	99	1	99	33.2
B	RESOURCE (0.86EC)	0.027	LAA	10					
C	X-77	0.5	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
5A	ROUNDUP (3SL)	0.56	LAA	10	15	75	2	73	31.8
B	COBRA (2EC)	0.125	LAA	10					
C	X-77	0.5	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
6A	ROUNDUP (3SL)	0.56	LAA	10	7	70	1	72	30.3
B	PURSUIT (2SL)	0.063	LAA	10					
C	X-77	0.25	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
7A	ROUNDUP (3SL)	0.56	LAA	10	13	78	2	65	37.3
B	BLAZER (2SL)	0.375	LAA	10					
C	X-77	0.5	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
8A	BASAGRAN (4SL)	0.75	LAA	10	3	94	2	98	39.0
B	COC	1.0	PMV	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	ROUNDUP (3SL)	0.56	LAA	11					
E	X-77	0.5	PMV	11					
9A	RESOURCE (0.86EC)	0.027	LAA	10	7	89	1	99	42.0
B	COC	1.0	PMV	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	ROUNDUP (3SL)	0.56	LAA	11					
E	X-77	0.5	PMV	11					
10A	COBRA (2EC)	0.125	LAA	10	15	96	3	98	36.8
B	COC	1.0	PMV	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	ROUNDUP (3SL)	0.56	LAA	11					
E	X-77	0.5	PMV	11					
11A	PURSUIT (2SL)	0.063	LAA	10	3	93	1	99	33.1
B	X-77	0.25	PMV	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	ROUNDUP (3SL)	0.56	LAA	11					
E	X-77	0.5	PMV	11					
12A	PURSUIT (2SL)	0.063	LAA	10	0	70	1	99	36.1
B	X-77	0.25	PMV	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
13A	HAND WEEDED	-	-	-	0	99	9	99	35.7
14A	UNTREATED CHECK	0.00	NA	-	0	0	0	0	24.4
	LSD (0.05)				6	19	2	28	13

TITLE: BROWNSTOWN CORN NOTILL 1

SOIL INFORMATION

TEXTURE: SIL
 PH: 6.7
 % OM: 1.5
 PREV.CROP: GLXMA - SOYBEAN
 PLOT WIDTH: 10.00 FT
 PLOT LENGTH: 40.00 FT

TRIAL INFORMATION

DESIGN:RCB
 REPS:3

APPLICATIONS

NUMBER:	/--01--\	/--02--\	UNIT
TYPE:	L	L	
APPL. DATE:	05/16	06/13	MDY
TIME-BEGIN:	01:00	02:00	
AIR TEMP.:	80	85	F°
REL. HUMID.:	30	50	
WIND DIR.:	NE	SW	
WIND SPEED:	7.0	7.0	MPH
SKY COND.:	S	P	
LEAF MOIST:	D	D	
ROOT MOIST:	M	M	
SOIL TEMP.:	67	74	4 INCH
METHOD:	SP	SP	
EQUIPMENT:	BAC	BAC	
PROPELLANT:	CO2	CO2	
PLACEMENT:	BC	BC	
NOZZLE:	FF	FF	
NOZZLE NUMBER:	6	6	
NOZZLE SPACING:	20.0	20.0	IN
SWATH WIDTH:	10.0	10.0	FT
BOOM HEIGHT:	20.0	20.0	IN
SPEED:	3.00	3.00	MPH
MIX SIZE:	0.57	0.57	
MIX SIZE UNIT:	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	
VOLUME UNIT:	GPA	GPA	
PRESSURE:	32.00	32.00	PSI
DILUENT:	WAT	WAT	
TIMINGS:	07	09	

* TIMING CODES

07 = PRE
 09 = EPOST

SPECIES STAGES

SPECIES:01 P ZEAMD
COMMON NAME:CORN, DENT
TARGET:CROP
CULTIVAR:PIONEER 3163
POPULATION:26100 A
PLANTING DEPTH:1.5 IN

PLANTING DATE:05/13
ROW WIDTH:30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/13	16	NA	15.00	15.00	15.00 IN

SPECIES:02 P SETFA
COMMON NAME:FOXTAIL, GIANT
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/13	14	H	6.00	7.00	6.50 IN

SPECIES:03 P CHEAL
COMMON NAME:LAMBSQUARTERS, COMMON
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/13	19	H	3.00	7.00	5.00 IN

SPECIES:04 P DATST
COMMON NAME:JIMSONWEED
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/13	14	H	3.00	5.00	4.00 IN

* STAGE CODE

14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: **BROWNSTOWN CORN NOTILL 1**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/14	SETFA 6/14	CHEAL 6/14	DATST 6/14
1A	ROUNDUP (3SL)	0.75	LAA	7	0	92	98	97
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	BICEP II (5.9SC)	3.0	LAA	7				
2A	ROUNDUP (3SL)	0.75	LAA	7	0	95	99	99
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	BULLET (4CS)	3.2	LAA	7				
3A	ROUNDUP (3SL)	0.75	LAA	7	0	95	98	98
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	GUARDSMAN (5SC)	2.3	LAA	7				
4A	ROUNDUP (3SL)	0.75	LAA	7	0	95	90	93
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	SURPASS 100 (5SC)	2.75	LAA	7				
5A	ROUNDUP (3SL)	0.75	LAA	7	0	94	94	95
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	HARNESS PLUS (7EC)	1.6	LAA	7				
E	BATTALION (15WG)	0.075	LAA	7				
6A	ROUNDUP (3SL)	0.75	LAA	7	0	88	85	87
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	BROADSTRIKE+DUAL(7.67L)	2.16	LAA	7				
7A	ROUNDUP (3SL)	0.75	LAA	7	0	88	85	88
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	BROADSTRK.PLUS (85.6WG)	0.21	LAA	7				
E	DUAL II (7.8EC)	2.0	LAA	7				
8A	ROUNDUP (3SL)	0.75	LAA	7	0	97	96	94
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	EXTRAZINE II (90WG)	3.5	LAA	7				
9A	ROUNDUP (3SL)	0.75	LAA	7	0	0	0	0
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	CHECK	-	-	-				
10A	ROUNDUP (3SL)	0.75	LAA	7	-	-	-	-
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	DUAL II (7.8EC)	2.0	LAA	7				
E	EXCEED (57WG)	0.031	LAA	10				
F	COC	1.0	PMV	10				
11A	ROUNDUP (3SL)	0.75	LAA	7	-	-	-	-
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	DUAL II (7.8EC)	2.0	LAA	7				
E	NAF-73 (84.3WG)	0.21	LAA	10				
F	X-77	0.25	PMV	10				
G	FERTILIZER - 28%UAN	2.5	PMV	10				

TITLE: **BROWNSTOWN CORN NOTILL 1**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/14	SETFA 6/14	CHEAL 6/14	DATST 6/14
12A	ROUNDUP (3SL)	0.75	LAA	7	-	-	-	-
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	FRONTIER (7.5EC)	1.1	LAA	7				
E	CLARITY (4SL)	0.5	LAA	10				
F	FERTILIZER - 28%UAN	2.5	PMV	10				
13A	ROUNDUP (3SL)	0.75	LAA	7	-	-	-	-
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	HARNES PLUS (7EC)	1.6	LAA	7				
E	PERMIT (75WG)	0.031	LAA	10				
14A	ROUNDUP (3SL)	0.75	LAA	7	-	-	-	-
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	ACCENT (75WG)	0.031	LAA	10				
E	CLARITY (4SL)	0.5	LAA	10				
F	X-77	0.25	PMV	10				
G	FERTILIZER - 28%UAN	2.5	PMV	10				
15A	ROUNDUP (3SL)	0.75	LAA	7	-	-	-	-
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	ACCENT (75WG)	0.031	LAA	10				
E	ATRAZINE (90DF)	1.2	LAA	10				
F	COC	1.00	PMV	10				
16A	ROUNDUP (3SL)	0.75	LAA	7	-	-	-	-
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	ACCENT (75WG)	0.031	LAA	10				
E	BUCTRIL GEL	0.25	LAA	10				
F	X-77	0.25	PMV	10				
17A	ROUNDUP (3SL)	0.75	LAA	7	-	-	-	-
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	ACCENT (75WG)	0.031	LAA	10				
E	EXCEED (57WG)	0.031	LAA	10				
F	COC	1.0	PMV	10				
18A	ROUNDUP (3SL)	0.75	LAA	7	-	-	-	-
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	ACCENT (75WG)	0.031	LAA	10				
E	PERMIT (75WG)	0.031	LAA	10				
F	X-77	0.25	PMV	10				
	LSD (0.05)				0	4	5	3

- TREATMENTS NOT APPLIED AT THIS TIME.

-CONTINUED-

TITLE: **BROWNSTOWN CORN NOTILL 1**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/29	SETFA 6/29	CHEAL 6/29	DATST 6/29
1A	ROUNDUP (3SL)	0.75	LAA	7	0	87	95	94
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	BICEP II (5.9SC)	3.0	LAA	7				
2A	ROUNDUP (3SL)	0.75	LAA	7	0	91	95	95
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	BULLET (4CS)	3.2	LAA	7				
3A	ROUNDUP (3SL)	0.75	LAA	7	0	92	95	94
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	GUARDSMAN (5SC)	2.3	LAA	7				
4A	ROUNDUP (3SL)	0.75	LAA	7	0	92	89	93
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	SURPASS 100 (5SC)	2.75	LAA	7				
5A	ROUNDUP (3SL)	0.75	LAA	7	0	92	90	92
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	HARNES PLUS (7EC)	1.6	LAA	7				
E	BATTALION (15WG)	0.075	LAA	7				
6A	ROUNDUP (3SL)	0.75	LAA	7	0	83	81	85
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	BROADSTRIKE+DUAL (7.67L)	2.16	LAA	7				
7A	ROUNDUP (3SL)	0.75	LAA	7	0	85	83	85
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	BROADSTRK.PLUS (85.6WG)	0.21	LAA	7				
E	DUAL II (7.8EC)	2.0	LAA	7				
8A	ROUNDUP (3SL)	0.75	LAA	7	0	83	88	89
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	EXTRAZINE II (90WG)	3.5	LAA	7				
9A	ROUNDUP (3SL)	0.75	LAA	7	0	0	0	0
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	CHECK	-	-	-				
10A	ROUNDUP (3SL)	0.75	LAA	7	0	80	95	96
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	DUAL II (7.8EC)	2.0	LAA	7				
E	EXCEED (57WG)	0.031	LAA	10				
F	COC	1.0	PMV	10				
11A	ROUNDUP (3SL)	0.75	LAA	7	0	78	94	95
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	DUAL II (7.8EC)	2.0	LAA	7				
E	NAF-73 (84.3WG)	0.21	LAA	10				
F	X-77	0.25	PMV	10				
G	FERTILIZER - 28%UAN	2.5	PMV	10				

TITLE: **BROWNSTOWN CORN NOTILL 1**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/29	SETFA 6/29	CHEAL 6/29	DATST 6/29
12A	ROUNDUP (3SL)	0.75	LAA	7	7	80	95	95
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	FRONTIER (7.5EC)	1.1	LAA	7				
E	CLARITY (4SL)	0.5	LAA	10				
F	FERTILIZER - 28%UAN	2.5	PMV	10				
13A	ROUNDUP (3SL)	0.75	LAA	7	0	91	94	95
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	HARNES PLUS (7EC)	1.6	LAA	7				
E	PERMIT (75WG)	0.031	LAA	10				
14A	ROUNDUP (3SL)	0.75	LAA	7	23	96	97	98
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	ACCENT (75WG)	0.031	LAA	10				
E	CLARITY (4SL)	0.5	LAA	10				
F	X-77	0.25	PMV	10				
G	FERTILIZER - 28%UAN	2.5	PMV	10				
15A	ROUNDUP (3SL)	0.75	LAA	7	15	92	97	98
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	ACCENT (75WG)	0.031	LAA	10				
E	ATRAZINE (90DF)	1.2	LAA	10				
F	COC	1.00	PMV	10				
16A	ROUNDUP (3SL)	0.75	LAA	7	3	93	60	78
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	ACCENT (75WG)	0.031	LAA	10				
E	BUCTRIL GEL	0.25	LAA	10				
F	X-77	0.25	PMV	10				
17A	ROUNDUP (3SL)	0.75	LAA	7	13	91	78	89
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	ACCENT (75WG)	0.031	LAA	10				
E	EXCEED (57WG)	0.031	LAA	10				
F	COC	1.0	PMV	10				
18A	ROUNDUP (3SL)	0.75	LAA	7	18	92	57	83
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.5	PMV	7				
D	ACCENT (75WG)	0.031	LAA	10				
E	PERMIT (75WG)	0.031	LAA	10				
F	X-77	0.25	PMV	10				
	LSD (0.05)				8	8	7	6

TITLE: BROWNSTOWN CORN NOTILL 2

SOIL INFORMATION

TEXTURE: SIL
PH: 6.7
% OM: 1.5
PREV.CROP: GLXMA - SOYBEAN
PLOT WIDTH: 10.00 FT
PLOT LENGTH: 40.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS:3

APPLICATIONS

NUMBER: /--01--\ UNIT
TYPE: L
APPL. DATE: 05/16 MDY
TIME - BEGIN: 12:00
AIR TEMP.: 80 F°
REL. HUMID.: 30
WIND DIR.: NE
WIND SPEED: 7.0 MPH
SKY COND.: S
LEAF MOIST: D
ROOT MOIST: M
SOIL TEMP.: 68 4 INCH
METHOD: SP
EQUIPMENT: BAC
PROPELLANT: CO2
PLACEMENT: BC
NOZZLE: FF
NOZZLE NUMBER: 6
NOZZLE SPACING: 20.0 IN
SWATH WIDTH: 10.0 FT
BOOM HEIGHT: 20.0 IN
SPEED: 3.00 MPH
MIX SIZE: 0.57
MIX SIZE UNIT: GAL
SPRAY VOLUME: 20.00
VOLUME UNIT: GPA
PRESSURE: 32.00 PSI
DILUENT: WAT

TIMINGS: 07

* TIMING CODES
07 = PREEMERGENCE

SPECIES STAGES

SPECIES:01 P ZEAMD	COMMON NAME: CORN, DENT	TARGET: CROP
CULTIVAR: PIONEER 3163	POPULATION: 26100 A	PLANTING DATE: 05/13
PLANTING DEPTH: 1.5 IN	ROW WIDTH: 30.0 IN	

SPECIES:02 P SETFA	COMMON NAME: FOXTAIL, GIANT	TARGET: PEST
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SPECIES:03 P CHEAL	COMMON NAME: LAMBSQUARTERS, COMMON	TARGET: PEST
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SPECIES:04 P AMACH	COMMON NAME: PIGWEED, SMOOTH	TARGET: PEST
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TITLE: **BROWNSTOWN CORN NOTILL 2**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/17	SETFA 6/17	CHEAL 6/17	AMACH 6/17
1A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	0	60	68	96
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	SURPASS (6.4EC)	1.6	LAA	7				
2A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	0	73	77	99
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	SURPASS (6.4EC)	2.0	LAA	7				
3A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	0	82	81	99
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	ICIA 5676 (3.2EC)	1.6	LAA	7				
4A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	0	95	88	99
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	ICIA 5676 (3.2EC)	2.0	LAA	7				
5A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	0	67	45	99
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	DUAL II (7.8EC)	1.6	LAA	7				
6A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	0	73	47	93
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	FRONTIER (7.5EC)	1.17	LAA	7				
7A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	0	88	99	99
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	SURPASS (6.4EC)	1.6	LAA	7				
E	ATRAZINE (90DF)	1.5	LAA	7				
8A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	3	83	98	99
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	SURPASS (6.4EC)	2.0	LAA	7				
E	ATRAZINE (90DF)	1.5	LAA	7				
9A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	2	88	99	99
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	ICIA 5676 (3.2EC)	1.6	LAA	7				
E	ATRAZINE (90DF)	1.5	LAA	7				
10A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	2	93	99	99
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	ICIA 5676 (3.2EC)	2.0	LAA	7				
E	ATRAZINE (90DF)	1.5	LAA	7				
11A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	0	82	99	99
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	SURPASS 100 (5EC)	2.75	LAA	7				
12A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	0	95	99	99
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	SURPASS 100 (5EC)	3.25	LAA	7				

TITLE: BROWNSTOWN CORN NOTILL 2

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/17	SETFA 6/17	CHEAL 6/17	AMACH 6/17
13A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	0	87	99	99
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	BICEP II (5.9L)	3.5	LAA	7				
14A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	0	80	99	99
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	BULLET (4CS)	3.8	LAA	7				
15A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	0	77	99	99
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	GUARDSMAN (5CS)	2.5	LAA	7				
16A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	0	78	99	93
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	EXTRAZINE II (90WG)	3.5	LAA	7				
17A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	0	78	82	99
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	BROADSTRIKE+DUAL (7.67L)	1.92	LAA	7				
18A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	0	60	85	99
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	BROADSTRK. PLUS (85.6WG)	0.21	LAA	7				
E	DUAL II (7.8EC)	2.0	LAA	7				
19A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	0	87	93	99
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	HARNES PLUS (7EC)	1.6	LAA	7				
E	BATTALION (15WG)	0.075	LAA	7				
20A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	0	0	0	0
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	CHECK	-	-	-				
	LSD (0.05)				3	20	15	6

-CONTINUED-

TITLE: **BROWNSTOWN CORN NOTILL 2**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/06	SETFA 7/06	CHEAL 7/06	AMACH 7/06
1A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	2	55	52	78
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	SURPASS (6.4EC)	1.6	LAA	7				
2A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	0	67	55	90
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	SURPASS (6.4EC)	2.0	LAA	7				
3A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	0	78	47	88
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	ICIA 5676 (3.2EC)	1.6	LAA	7				
4A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	0	83	55	93
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	ICIA 5676 (3.2EC)	2.0	LAA	7				
5A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	2	67	27	82
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	DUAL II (7.8EC)	1.6	LAA	7				
6A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	0	80	23	90
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	FRONTIER (7.5EC)	1.17	LAA	7				
7A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	0	70	99	99
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	SURPASS (6.4EC)	1.6	LAA	7				
E	ATRAZINE (90DF)	1.5	LAA	7				
8A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	2	83	99	99
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	SURPASS (6.4EC)	2.0	LAA	7				
E	ATRAZINE (90DF)	1.5	LAA	7				
9A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	0	83	99	99
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	ICIA 5676 (3.2EC)	1.6	LAA	7				
E	ATRAZINE (90DF)	1.5	LAA	7				
10A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	0	93	98	99
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	ICIA 5676 (3.2EC)	2.0	LAA	7				
E	ATRAZINE (90DF)	1.5	LAA	7				
11A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	0	85	99	98
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	SURPASS 100 (5EC)	2.75	LAA	7				
12A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	0	88	99	99
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	SURPASS 100 (5EC)	3.25	LAA	7				

TITLE: **BROWNSTOWN CORN NOTILL 2**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/06	SETFA 7/06	CHEAL 7/06	AMACH 7/06
13A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	0	83	96	99
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	BICEP II (5.9L)	3.5	LAA	7				
14A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	0	78	99	99
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	BULLET (4CS)	3.8	LAA	7				
15A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	0	73	98	98
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	GUARDSMAN (5CS)	2.5	LAA	7				
16A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	0	82	96	93
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	EXTRAZINE II (90WG)	3.5	LAA	7				
17A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	0	63	82	98
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	BROADSTRIKE+DUAL (7.67L)	1.92	LAA	7				
18A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	0	60	67	91
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	BROADSTRK. PLUS (85.6WG)	0.21	LAA	7				
E	DUAL II (7.8EC)	2.0	LAA	7				
19A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	7	82	91	96
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	HARNES PLUS (7EC)	1.6	LAA	7				
E	BATTALION (15WG)	0.075	LAA	7				
20A	GRAMOXONE EXTRA (2.5SL)	0.625	LAA	7	0	0	0	0
B	2,4-D LVE (3.8EC)	0.5	LAA	7				
C	X-77	0.125	PMV	7				
D	CHECK	-	-	-				
	LSD (0.05)				3	21	22	10

TITLE: BROWNSTOWN CORN NO-TILL CHLOROACETAMIDE COMPARISON

SOIL INFORMATION

TEXTURE: SIL
PH: 6.7
% OM: 1.5
PREV.CROP: GLXMA-SOYBEAN
PLOT WIDTH: 10.00 FT
PLOT LENGTH: 40.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS:3

APPLICATIONS

NUMBER: /--01--\ UNIT
TYPE: L
APPL. DATE: 05/13 MDY
TIME-BEGIN: 12:45
AIR TEMP.: 82 F°
REL. HUMID.: 35 %
WIND DIR.: SW
WIND SPEED: 10.0 MPH
SKY COND.: P
LEAF MOIST: D
ROOT MOIST: M
SOIL TEMP.: 67 4 INCH
METHOD: SP
EQUIPMENT: BAC
PROPELLANT: CO2
PLACEMENT: BC
NOZZLE: FF
NOZZLE NUMBER: 6
NOZZLE SPACING: 20.0 IN
SWATH WIDTH: 10.0 FT
BOOM HEIGHT: 20.0 IN
SPEED: 3.00 MPH
MIX SIZE: 0.57
MIX SIZE UNIT: GAL
SPRAY VOLUME: 20.00
VOLUME UNIT: GPA
PRESSURE: 32.00 PSI
DILUENT: WAT

TIMINGS: 07

* TIMING CODES
07 = PRE

** BURNDOWN OF 0.75LB ROUNDUP, 0.5LB 2,4-D LVE, AND 0.25% X-77 APPLIED PREEMERGENCE, AND 0.5LB CLARITY APPLIED EARLY POSTEMERGENCE FOR BROADLEAF WEED CONTROL.

SPECIES STAGES

SPECIES:01 P ZEAMD COMMON NAME:CORN, DENT CULTIVAR:PIONEER 3163
TARGET:CROP POPULATION:26100 A PLANTING DATE:05/13
PLANTING DEPTH:2.0 IN ROW WIDTH:30.0 IN

SPECIES:02 P SETFA COMMON NAME:FOXTAIL, GIANT
TARGET:PEST

TITLE: BROWNSTOWN CORN NO-TILL CHLOROACETAMIDE COMPARISON

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/06	SETFA 6/06	INJ 7/06	SETFA 7/06	BU/A 9/20
1A	DUAL II (7.8EC)	1.0	LAA	7	0	88	0	50	61.6
2A	DUAL II (7.8EC)	1.5	LAA	7	0	96	0	87	61.6
3A	DUAL II (7.8EC)	2.0	LAA	7	0	98	0	83	73.9
4A	DUAL II (7.8EC)	4.0	LAA	7	0	99	0	95	62.5
5A	LASSO MICRO-TECH (4CS)	1.25	LAA	7	0	90	0	32	55.4
6A	LASSO MICRO-TECH (4CS)	1.88	LAA	7	0	91	0	73	59.7
7A	LASSO MICRO-TECH (4CS)	2.5	LAA	7	0	98	0	57	46.4
8A	LASSO MICRO-TECH (4CS)	5.0	LAA	7	0	99	0	92	44.7
9A	FRONTIER (7.5EC)	0.58	LAA	7	0	87	0	42	49.2
10A	FRONTIER (7.5EC)	0.88	LAA	7	0	94	0	80	43.2
11A	FRONTIER (7.5EC)	1.17	LAA	7	0	99	0	65	46.3
12A	FRONTIER (7.5EC)	2.34	LAA	7	0	98	0	83	54.7
13A	HARNESS PLUS (7.0EC)	0.8	LAA	7	0	99	0	70	53.5
14A	HARNESS PLUS (7.0EC)	1.2	LAA	7	0	96	0	87	41.7
15A	HARNESS PLUS (7.0EC)	1.6	LAA	7	0	99	0	53	43.3
16A	HARNESS PLUS (7.0EC)	3.2	LAA	7	0	99	0	85	51.0
17A	SURPASS (6.4EC)	0.8	LAA	7	0	88	0	57	54.5
18A	SURPASS (6.4EC)	1.2	LAA	7	0	96	0	38	59.4
19A	SURPASS (6.4EC)	1.6	LAA	7	0	94	0	65	59.8
20A	SURPASS (6.4EC)	3.2	LAA	7	0	98	0	52	54.3
21A	HAND WEDED	-	-	-	0	99	0	99	74.3
22A	UNTREATED CHECK	-	-	-	0	0	0	0	56.2
LSD (0.05)					0	10	0	37	29

TITLE: BROWNSTOWN CORN CONVENTIONAL CHLOROACETAMIDE COMPARISON

SOIL INFORMATION

TEXTURE: SIL
PH: 6.7
% OM: 1.5
PREV.CROP: GLXMA-SOYBEAN
PLOT WIDTH: 10.00 FT
PLOT LENGTH: 40.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS:3

APPLICATIONS

NUMBER: /--01--\ UNIT
TYPE: L
APPL. DATE: 05/13 MDY
TIME-BEGIN: 01:00
AIR TEMP.: 81 F°
REL. HUMID.: 42 %
WIND DIR.: E
WIND SPEED: 5.0 MPH
SKY COND.: P
LEAF MOIST: D
ROOT MOIST: M
SOIL TEMP.: 62 4 INCH
METHOD: SP
EQUIPMENT: BAC
PROPELLANT: CO2
PLACEMENT: BC
NOZZLE: FF
NOZZLE NUMBER: 6
NOZZLE SPACING: 20.0 IN
SWATH WIDTH: 10.0 FT
BOOM HEIGHT: 20.0 IN
SPEED: 3.00 MPH
MIX SIZE: 0.57
MIX SIZE UNIT: GAL
SPRAY VOLUME: 20.00
VOLUME UNIT: GPA
PRESSURE: 32.00 PSI
DILUENT: WAT

TIMINGS: 07

* TIMING CODES
07 = PRE

* EARLY POSTEMERGENCE APPLICATION OF 0.5LB/A CLARITY FOR BROADLEAF WEED CONTROL.

SPECIES STAGES

SPECIES:01 P ZEAMD COMMON NAME: CORN, DENT CULTIVAR: PIONEER 3163
TARGET: CROP POPULATION: 26100 A PLANTING DATE: 05/13
PLANTING DEPTH: 2.0 IN ROW WIDTH: 30.0 IN

SPECIES:02 P SETFA COMMON NAME: FOXTAIL, GIANT
TARGET: PEST

TITLE: BROWNSTOWN CORN CONVENTIONAL CHLOROACETAMIDE COMPARISON

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/06	SETFA 6/06	INJ 7/05	SETFA 7/05	BU/A 9/19
1A	DUAL II (7.8EC)	0.9	LAA	7	0	40	0	20	72.9
2A	DUAL II (7.8EC)	1.35	LAA	7	0	60	0	33	66.6
3A	DUAL II (7.8EC)	1.8	LAA	7	0	77	0	68	68.5
4A	DUAL II (7.8EC)	3.6	LAA	7	0	63	0	60	77.4
5A	LASSO MICRO-TECH (4CS)	1.125	LAA	7	0	40	0	15	64.4
6A	LASSO MICRO-TECH (4CS)	1.68	LAA	7	0	63	0	33	75.9
7A	LASSO MICRO-TECH (4CS)	2.25	LAA	7	0	68	0	30	81.5
8A	LASSO MICRO-TECH (4CS)	4.5	LAA	7	0	68	0	50	78.2
9A	FRONTIER (7.5EC)	0.53	LAA	7	0	43	0	0	68.1
10A	FRONTIER (7.5EC)	0.79	LAA	7	0	40	0	35	73.3
11A	FRONTIER (7.5EC)	1.05	LAA	7	0	37	0	25	68.7
12A	FRONTIER (7.5EC)	2.1	LAA	7	0	65	0	50	77.4
13A	HARNESS PLUS (7.0EC)	0.7	LAA	7	0	40	0	15	77.5
14A	HARNESS PLUS (7.0EC)	1.05	LAA	7	0	60	0	32	74.5
15A	HARNESS PLUS (7.0EC)	1.4	LAA	7	0	73	0	55	76.1
16A	HARNESS PLUS (7.0EC)	2.8	LAA	7	0	88	0	92	84.1
17A	SURPASS (6.4EC)	0.7	LAA	7	0	50	0	25	90.7
18A	SURPASS (6.4EC)	1.05	LAA	7	0	65	0	37	73.2
19A	SURPASS (6.4EC)	1.4	LAA	7	0	77	0	62	79.0
20A	SURPASS (6.4EC)	2.8	LAA	7	0	90	0	85	84.3
21A	HAND WEEDED	-	-	-	0	99	0	99	88.6
22A	UNTREATED CHECK	-	-	-	0	0	0	0	71.2
LSD (0.05)					0	32	0	38	15

TITLE: BROWNSTOWN CORN PREEMERGENCE AND POSTEMERGENCE

SOIL INFORMATION

TEXTURE: SIL
 PH: 6.7
 % OM: 1.5
 PREV.CROP: GLXMA - SOYBEAN
 PLOT WIDTH: 10.00 FT
 PLOT LENGTH: 40.00 FT

TRIAL INFORMATION

DESIGN: RCB
 REPS:3

APPLICATIONS

NUMBER:	/--01--\	/--02--\	UNIT
TYPE:	L	L	
APPL. DATE:	05/13	06/03	MDY
TIME - BEGIN:	02:00	10:00	
AIR TEMP.:	81	72	F°
REL. HUMID.:	42	50	
WIND DIR.:	E	NE	
WIND SPEED:	5.0	3.0	MPH
SKY COND.:	P	C	
LEAF MOIST:	D	D	
ROOT MOIST:	M	M	
SOIL TEMP.:	63	65	4 INCH
METHOD:	SP	SP	
EQUIPMENT:	BAC	BAC	
PROPELLANT:	CO2	CO2	
PLACEMENT:	BC	BC	
NOZZLE:	FF	FF	
NOZZLE NUMBER:	6	6	
NOZZLE SPACING:	20.0	20.0	IN
SWATH WIDTH:	10.0	10.0	FT
BOOM HEIGHT:	20.0	20.0	IN
SPEED:	3.00	3.00	MPH
MIX SIZE:	0.57	0.57	
MIX SIZE UNIT:	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	
VOLUME UNIT:	GPA	GPA	
PRESSURE:	32.00	32.00	PSI
DILUENT:	WAT	WAT	
TIMINGS:	07	08	

* TIMING CODES

07 = PRE
 08 = VERY EARLY POST

SPECIES STAGES

SPECIES:01 P ZEAMD
COMMON NAME:CORN, DENT
TARGET:CROP
CULTIVAR:PIONEER 3163
POPULATION:26100 A
PLANTING DEPTH:1.5 IN

PLANTING DATE:05/13
ROW WIDTH:30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/03	13	NA	7.00	7.00	7.00 IN

SPECIES:02 P SETFA
COMMON NAME:FOXTAIL, GIANT
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/03	12	H	1.00	2.00	1.50 IN

SPECIES:03 P CHEAL
COMMON NAME:LAMBSQUARTERS, COMMON
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/03	16	H	2.00	2.00	2.00 IN

SPECIES:04 P AMACH
COMMON NAME:PIGWEEED, SMOOTH
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/03	16	H	2.00	2.00	2.00 IN

SPECIES:05 P POLPY
COMMON NAME:SMARTWEED, PENNSYLVANIA
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/03	14	H	2.00	2.00	2.00 IN

SPECIES:06 P ABUTH
COMMON NAME:VELVETLEAF
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/03	13	H	2.00	2.00	2.00 IN

* STAGE CODE
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: BROWNSTOWN CORN PREEMERGENCE AND POSTEMERGENCE

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/06	SETFA 6/06	CHEAL 6/06	AMACH 6/06	POLPY 6/06	ABUTH 6/06
1A	SURPASS (6.4EC)	1.4	LAA	7	0	73	83	73	60	66
2A	DUAL II (7.8EC)	1.8	LAA	7	0	77	50	43	87	57
3A	FRONTIER (7.5EC)	1.05	LAA	7	2	67	53	47	73	17
4A	SURPASS 100 (5EC)	2.75	LAA	7	0	85	95	87	66	33
5A	BICEP II (5.9SC)	3.00	LAA	7	0	73	67	57	67	40
6A	BULLET (4CS)	3.2	LAA	7	0	80	88	83	73	53
7A	GUARDSMAN (5.0L)	2.3	LAA	7	0	75	95	78	82	63
8A	BROADSTRIKE+DUAL(7.67L)	2.16	LAA	7	0	87	88	77	67	56
9A	UNTREATED CHECK	0.00	NA	0	0	0	0	0	0	0
10A	BROADSTRK. PLUS(85.6WG)	0.21	LAA	7	0	75	93	71	73	31
B	DUAL II (7.8EC)	1.75	LAA	7						
11A	HARNES PLUS (7EC)	1.4	LAA	7	0	87	92	88	82	40
B	BATTALION (15WG)	0.075	LAA	7						
12A	EXTRAZINE II (90WG)	3.5	LAA	7	0	78	83	57	70	27
13A	FRONTIER (7.5EC)	1.05	LAA	7	7	77	80	88	82	50
B	MARKSMAN (3.2SC)	1.4	LAA	8						
C	FERTILIZER - 28%UAN	2.5	PMV	8						
14A	FRONTIER (7.5EC)	1.05	LAA	7	5	87	57	50	83	57
B	CLARITY (4SL)	0.5	LAA	8						
C	FERTILIZER - 28%UAN	2.5	PMV	8						
15A	SURPASS (6.4EC)	1.4	LAA	7	10	78	93	92	90	70
B	MARKSMAN (3.2SC)	1.4	LAA	8						
C	FERTILIZER - 28%UAN	2.5	PMV	8						
16A	SURPASS (6.4EC)	1.4	LAA	7	8	70	87	83	76	57
B	CLARITY (4SL)	0.5	LAA	8						
C	FERTILIZER - 28%UAN	2.5	PMV	8						
LSD	(0.05)				2	17	23	27	29	44

-CONTINUED-

TITLE: BROWNSTOWN CORN PREEMERGENCE AND POSTEMERGENCE

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/05	SETFA 7/05	CHEAL 7/05	AMACH 7/05	POLPY 7/05	ABUJH 7/05
1A	SURPASS (6.4EC)	1.4	LAA	7	0	85	91	77	60	68
2A	DUAL II (7.8EC)	1.8	LAA	7	0	78	75	40	67	42
3A	FRONTIER (7.5EC)	1.05	LAA	7	0	80	82	57	53	70
4A	SURPASS 100 (5EC)	2.75	LAA	7	0	90	96	96	87	63
5A	BICEP II (5.9SC)	3.00	LAA	7	0	88	75	67	75	48
6A	BULLET (4CS)	3.2	LAA	7	0	88	96	83	92	68
7A	GUARDSMAN (5.0L)	2.3	LAA	7	0	93	98	90	96	78
8A	BROADSTRIKE+DUAL(7.67L)	2.16	LAA	7	0	87	92	73	70	70
9A	UNTREATED CHECK	0.00	NA	0	0	0	0	0	0	0
10A	BROADSTRK.PLUS(85.6WG)	0.21	LAA	7	0	86	95	86	81	58
B	DUAL II (7.8EC)	1.75	LAA	7						
11A	HARNES PLUS (7EC)	1.4	LAA	7	0	92	91	78	77	82
B	BATTALION (15WG)	0.075	LAA	7						
12A	EXTRAZINE II (90WG)	3.5	LAA	7	0	88	85	72	60	60
13A	FRONTIER (7.5EC)	1.05	LAA	7	0	91	99	99	96	95
B	MARKSMAN (3.2SC)	1.4	LAA	8						
C	FERTILIZER - 28%UAN	2.5	PMV	8						
14A	FRONTIER (7.5EC)	1.05	LAA	7	0	88	99	95	88	88
B	CLARITY (4SL)	0.5	LAA	8						
C	FERTILIZER - 28%UAN	2.5	PMV	8						
15A	SURPASS (6.4EC)	1.4	LAA	7	0	93	99	96	92	93
B	MARKSMAN (3.2SC)	1.4	LAA	8						
C	FERTILIZER - 28%UAN	2.5	PMV	8						
16A	SURPASS (6.4EC)	1.4	LAA	7	0	87	99	95	98	88
B	CLARITY (4SL)	0.5	LAA	8						
C	FERTILIZER - 28%UAN	2.5	PMV	8						
LSD (0.05)					0	15	19	20	26	30

TITLE: **BROWNSTOWN CORN PREPLANT INCORPORATED**

SOIL INFORMATION

TEXTURE: SIL
PH: 6.7
% OM: 1.5
PREV.CROP: GLXMA-SOYBEAN
PLOT WIDTH: 10.00 FT
PLOT LENGTH: 40.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS:3

APPLICATIONS

NUMBER: /--01--\ UNIT
TYPE: L
APPL. DATE: 05/13 MDY
TIME-BEGIN: 10:00
AIR TEMP.: 72 F°
REL. HUMID.: 42 %
WIND DIR.: E
WIND SPEED: 5.0 MPH
SKY COND.: P
LEAF MOIST: D
ROOT MOIST: M
SOIL TEMP.: 59 4 INCH
METHOD: SP
EQUIPMENT: BAC
PROPELLANT: CO2
PLACEMENT: BC
NOZZLE: FF
NOZZLE NUMBER: 6
NOZZLE SPACING: 20.0 IN
SWATH WIDTH: 10.0 FT
BOOM HEIGHT: 20.0 IN
SPEED: 3.00 MPH
MIX SIZE: 0.57
MIX SIZE UNIT: GAL
SPRAY VOLUME: 20.00
VOLUME UNIT: GPA
PRESSURE: 32.00 PSI
DILUENT: WAT

TIMINGS: 05

* TIMING CODES

05 = PREPLANT INCORPORATED

SPECIES STAGES

SPECIES:01 P SETFA COMMON NAME:FOXTAIL, GIANT
TARGET:PEST

SPECIES:02 P CHEAL COMMON NAME:LAMBSQUARTERS, COMMON
TARGET:PEST

SPECIES:03 P AMACH COMMON NAME:PIGWEEED, SMOOTH
TARGET:PEST

SPECIES:04 P PHBPU COMMON NAME:MORNINGGLORY, TALL
TARGET:PEST

TITLE: BROWNSTOWN CORN PREPLANT INCORPORATED

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	SETFA 6/06	CHEAL 6/06	AMACH 6/06	PHBPU 6/06
1A	SURPASS (6.4EC)	1.6	LAA	5	87	73	82	0
2A	SURPASS (6.4EC)	1.8	LAA	5	90	95	90	0
3A	SURPASS (6.4EC)	2.0	LAA	5	98	91	93	0
4A	DUAL II (7.8EC)	2.0	LAA	5	93	78	77	0
5A	FRONTIER (7.5EC)	1.17	LAA	5	93	72	88	0
6A	SURPASS (6.4EC)	1.6	LAA	5	95	99	96	94
B	ATRAZINE (90DF)	1.5	LAA	5				
7A	SURPASS 100 (5EC)	2.75	LAA	5	93	98	95	88
8A	SURPASS 100 (5EC)	3.25	LAA	5	95	98	93	91
9A	UNTREATED CHECK	0.00	NA	0	0	0	0	0
10A	BICEP II (5.9SC)	3.54	LAA	5	95	99	95	81
11A	BULLET (4CS)	4.0	LAA	5	93	99	95	89
12A	GUARDSMAN (5CS)	2.5	LAA	5	96	99	93	99
13A	BROADSTRIKE+DUAL (7.67L)	2.16	LAA	5	93	98	93	57
14A	BROADSTRK.PLUS (85.6WG)	0.21	LAA	5	95	98	96	67
B	DUAL II (7.8EC)	1.75	LAA	5				
15A	HARNES PLUS (7EC)	1.6	LAA	5	96	96	99	75
B	BATTALION (15WG)	0.075	LAA	5				
16A	ERADICANE/SURPASS (7EC)	4.38	LAA	5	96	98	92	23
LSD (0.05)					7	17	8	33

-CONTINUED-

TITLE: **BROWNSTOWN CORN PREPLANT INCORPORATED**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	SETFA 7/05	CHEAL 7/05	AMACH 7/05	PHBPU 7/05
1A	SURPASS (6.4EC)	1.6	LAA	5	86	72	91	40
2A	SURPASS (6.4EC)	1.8	LAA	5	83	96	92	50
3A	SURPASS (6.4EC)	2.0	LAA	5	92	98	96	50
4A	DUAL II (7.8EC)	2.0	LAA	5	95	94	87	30
5A	FRONTIER (7.5EC)	1.17	LAA	5	92	88	78	73
6A	SURPASS (6.4EC)	1.6	LAA	5	96	99	98	96
B	ATRAZINE (90DF)	1.5	LAA	5				
7A	SURPASS 100 (5EC)	2.75	LAA	5	95	96	98	91
8A	SURPASS 100 (5EC)	3.25	LAA	5	92	99	99	90
9A	UNTREATED CHECK	0.00	NA	0	0	0	0	0
10A	BICEP II (5.9SC)	3.54	LAA	5	92	99	93	77
11A	BULLET (4CS)	4.0	LAA	5	96	99	94	90
12A	GUARDSMAN (5CS)	2.5	LAA	5	93	98	95	96
13A	BROADSTRIKE+DUAL (7.67L)	2.16	LAA	5	87	99	90	77
14A	BROADSTRK. PLUS (85.6WG)	0.21	LAA	5	92	98	96	67
B	DUAL II (7.8EC)	1.75	LAA	5				
15A	HARNESS PLUS (7EC)	1.6	LAA	5	88	98	97	87
B	BATTALION (15WG)	0.075	LAA	5				
16A	ERADICANE/SURPASS (7EC)	4.38	LAA	5	90	93	93	82
LSD (0.05)					8	5	9	13

TITLE: BROWNSTOWN SOYBEAN NOTILL

SOIL INFORMATION

TEXTURE: SIL
 PH: 6.7
 % OM: 1.5
 PREV.CROP: ZEAMD-CORN,DENT
 PLOT WIDTH: 10.00 FT
 PLOT LENGTH: 40.00 FT

TRIAL INFORMATION

DESIGN: RCB
 REPS:3

APPLICATIONS

NUMBER:	/--01--\	/--02--\	UNIT
TYPE:	L	L	
APPL. DATE:	05/19	06/13	MDY
TIME - BEGIN:	12:00	01:00	
AIR TEMP.:	75	87	F°
REL. HUMID.:	30	50	
WIND DIR.:	NE	SW	
WIND SPEED:	5.0	5.0	MPH
SKY COND.:	S	P	
LEAF MOIST:	D	D	
ROOT MOIST:	M	M	
SOIL TEMP.:	68	80	4 INCH
METHOD:	SP	SP	
EQUIPMENT:	BAC	BAC	
PROPELLANT:	CO2	CO2	
PLACEMENT:	BC	BC	
NOZZLE:	FF	FF	
NOZZLE NUMBER:	6	6	
NOZZLE SPACING:	20.0	20.0	IN
SWATH WIDTH:	10.0	10.0	FT
BOOM HEIGHT:	20.0	20.0	IN
SPEED:	3.00	3.00	MPH
MIX SIZE:	0.57	0.57	
MIX SIZE UNIT:	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	
VOLUME UNIT:	GPA	GPA	
PRESSURE:	32.00	42.00	PSI
DILUENT:	WAT	WAT	
TIMINGS:	06,07	10	

* TIMING CODES .
 06 = DRILL & DRAG PRE
 07 = PRE
 10 = POST

SPECIES STAGES

SPECIES:01 P GLXMA
COMMON NAME:SOYBEAN
TARGET:CROP

CULTIVAR:PIONEER 9392
POPULATION:225,000/A
PLANTING DEPTH:1.0 IN

PLANTING DATE:05/19
ROW WIDTH:30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/13	12	NA	4.00	5.00	4.50 IN

SPECIES:02 P SETFA
COMMON NAME:FOXTAIL, GIANT
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/13	12	M	1.00	2.00	1.50 IN

SPECIES:03 P CHEAL
COMMON NAME:LAMBSQUARTERS, COMMON
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/13	17	H	2.00	4.00	3.00 IN

SPECIES:04 P AMBEL
COMMON NAME:RAGWEED, COMMON
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/13	15	H	2.00	4.00	3.00 IN

SPECIES:05 P DATST
COMMON NAME:JIMSONWEED
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/13	13	L	2.00	3.00	2.50 IN

SPECIES:06 P PHBPU
COMMON NAME:MORNINGGLORY, TALL
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/13	12	L	1.00	2.00	1.50 IN

* STAGE CODE
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: **BROWNSTOWN SOYBEAN NOTILL**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/14	SETFA 6/14	CHEAL 6/14	AMBEL 6/14	DATST 6/14	PHBPU 6/14
1A	ROUNDUP (3SL)	0.75	LAA	7	0	78	94	96	95	88
B	X-77	0.25	PMV	7						
C	CANOPY (75WG)	0.23	LAA	7						
2A	ROUNDUP (3SL)	0.75	LAA	7	3	97	97	95	97	90
B	X-77	0.25	PMV	7						
C	CANOPY (75WG)	0.23	LAA	7						
D	DUAL II (7.8EC)	2.00	LAA	7						
3A	ROUNDUP (3SL)	0.75	LAA	7	0	98	99	97	98	92
B	X-77	0.25	PMV	7						
C	CANOPY (75WG)	0.23	LAA	6						
D	COMMAND (4EC)	1.00	LAA	6						
4A	ROUNDUP (3SL)	0.75	LAA	7	0	96	97	95	97	92
B	X-77	0.25	PMV	7						
C	CANOPY (75WG)	0.23	LAA	7						
D	PROWL (3.3EC)	1.00	LAA	7						
5A	ROUNDUP (3SL)	0.75	LAA	7	0	98	98	96	97	92
B	X-77	0.25	PMV	7						
C	CANOPY (75WG)	0.23	LAA	7						
D	FRONTIER (7.5EC)	1.05	LAA	7						
6A	ROUNDUP (3SL)	0.75	LAA	7	7	93	95	95	97	92
B	X-77	0.25	PMV	7						
C	SCEPTER (70DG)	0.125	LAA	7						
D	PROWL (3.3EC)	1.00	LAA	7						
7A	ROUNDUP (3SL)	0.75	LAA	7	0	97	97	92	95	88
B	X-77	0.25	PMV	7						
C	SCEPTER (70DG)	0.125	LAA	6						
D	COMMAND (4EC)	0.75	LAA	6						
8A	ROUNDUP (3SL)	0.75	LAA	7	0	93	87	95	96	88
B	X-77	0.25	PMV	7						
C	PURSUIT (2SL)	0.063	LAA	7						
9A	ROUNDUP (3SL)	0.75	LAA	7	0	97	97	89	96	90
B	X-77	0.25	PMV	7						
C	PURSUIT (2SL)	0.063	LAA	7						
D	PROWL (3.3EC)	1.00	LAA	7						
10A	ROUNDUP (3SL)	0.75	LAA	7	0	0	0	0	0	0
B	X-77	0.25	PMV	7						
C	CHECK	-	-	-						
11A	ROUNDUP (3SL)	0.75	LAA	7	0	92	90	87	91	82
B	X-77	0.25	PMV	7						
C	BROADSTRIKE+DUAL (7.67L)	2.16	LAA	7						
12A	ROUNDUP (3SL)	0.75	LAA	7	0	91	83	82	87	75
B	X-77	0.25	PMV	7						
C	BROADSTRIKE+DUAL (7.67L)	1.92	LAA	7						
13A	ROUNDUP (3SL)	0.75	LAA	7	0	97	97	94	97	94
B	X-77	0.25	PMV	7						
C	F6285 (75WG)	0.313	LAA	7						
D	DUAL II (7.8EC)	2.00	LAA	7						
14A	ROUNDUP (3SL)	0.75	LAA	7	0	99	99	95	98	98
B	X-77	0.25	PMV	7						
C	F6285 (75WG)	0.375	LAA	7						
D	DUAL II (7.8EC)	2.00	LAA	7						

TITLE: **BROWNSTOWN SOYBEAN NOTILL**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/14	SETFA 6/14	CHEAL 6/14	AMBEL 6/14	DATST 6/14	PHBPU 6/14
15A	ROUNDUP (3SL)	0.75	LAA	7	-	-	-	-	-	-
B	X-77	0.25	PMV	7						
C	COMMAND (4EC)	0.75	LAA	6						
D	PURSUIT (2SL)	0.031	LAA	10						
E	X-77	0.25	PMV	10						
F	FERTILIZER - 28%UAN	2.5	PMV	10						
16A	ROUNDUP (3SL)	0.75	LAA	7	-	-	-	-	-	-
B	X-77	0.25	PMV	7						
C	F6285 (75WG)	0.313	LAA	7						
D	PURSUIT (2SL)	0.031	LAA	10						
E	X-77	0.25	PMV	10						
F	FERTILIZER - 28%UAN	2.5	PMV	10						
17A	ROUNDUP (3SL)	0.75	LAA	7	-	-	-	-	-	-
B	X-77	0.25	PMV	7						
C	F6285 (75WG)	0.375	LAA	7						
D	PURSUIT (2SL)	0.031	LAA	10						
E	X-77	0.25	PMV	10						
F	FERTILIZER - 28%UAN	2.5	PMV	10						
18A	ROUNDUP (3SL)	0.75	LAA	7	-	-	-	-	-	-
B	X-77	0.25	PMV	7						
C	GALAXY (3.67SL)	0.92	LAA	10						
D	POAST PLUS (1EC)	0.188	LAA	10						
E	SYLGARD	0.25	PMV	10						
19A	ROUNDUP (3SL)	0.75	LAA	7	-	-	-	-	-	-
B	X-77	0.25	PMV	7						
C	STORM (4SL)	0.75	LAA	10						
D	POAST PLUS (1EC)	0.188	LAA	10						
E	SYLGARD	0.25	PMV	10						
20A	ROUNDUP (3SL)	0.75	LAA	7	-	-	-	-	-	-
B	X-77	0.25	PMV	7						
C	BASAGRAN (4SL)	0.75	LAA	10						
D	CLASSIC (25WG)	0.004	LAA	10						
E	POAST PLUS (1EC)	0.188	LAA	10						
F	FERTILIZER - 28%UAN	2.5	PMV	10						
21A	ROUNDUP (3SL)	0.75	LAA	7	-	-	-	-	-	-
B	X-77	0.25	LAA	7						
C	CONCERT (25WG)	0.008	LAA	10						
D	ASSURE II (0.88EC)	0.055	LAA	10						
E	COC	1.0	PMV	10						
F	FERTILIZER - 28%UAN	2.5	PMV	10						
22A	ROUNDUP (3SL)	0.75	LAA	7	-	-	-	-	-	-
B	X-77	0.25	LAA	7						
C	REFLEX-ADJ (1EC)	0.313	LAA	10						
D	FUSION (2.66EC)	0.187	LAA	10						
E	FERTILIZER - 28%UAN	2.5	PMV	10						
23A	ROUNDUP (3SL)	0.75	LAA	7	-	-	-	-	-	-
B	X-77	0.25	LAA	7						
C	PURSUIT (2SL)	0.063	LAA	10						
D	SUNIT II	1.00	PMV	10						
E	FERTILIZER - 28%UAN	2.5	PMV	10						
24A	ROUNDUP (3SL)	0.75	LAA	7	-	-	-	-	-	-
B	X-77	0.25	LAA	7						
C	PURSUIT (2SL)	0.063	LAA	10						
D	COBRA (2EC)	0.125	LAA	10						
E	COC	1.00	PMV	10						
F	FERTILIZER - 28%UAN	2.5	PMV	10						

TITLE: BROWNSTOWN SOYBEAN NOTILL

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/14	SETFA 6/14	CHEAL 6/14	AMBEL 6/14	DATST 6/14	PHBPU 6/14
25A	ROUNDUP (3SL)	0.75	LAA	7	-	-	-	-	-	-
B	X-77	0.25	LAA	7						
C	PURSUIT (2SL)	0.063	LAA	10						
D	PINNACLE (25WG)	0.002	LAA	10						
E	X-77	0.25	PMV	10						
F	FERTILIZER - 28%UAN	2.5	PMV	10						
26A	ROUNDUP (3SL)	0.75	LAA	7	-	-	-	-	-	-
B	X-77	0.25	LAA	7						
C	COBRA (2EC)	0.125	LAA	10						
D	SELECT (2EC)	0.094	LAA	10						
E	COC	1.00	PMV	10						
F	FERTILIZER - 28%UAN	2.5	PMV	10						
LSD (0.05)					3	3	4	6	3	5

- TREATMENTS NOT APPLIED AT THIS TIME.

TITLE: BROWNSTOWN SOYBEAN NOTILL

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/29	SETFA 6/29	CHEAL 6/29	AMBEL 6/29	DATST 6/29	PHBPU 6/29
1A	ROUNDUP (3SL)	0.75	LAA	7	0	77	92	90	91	82
B	X-77	0.25	PMV	7						
C	CANOPY (75WG)	0.23	LAA	7						
2A	ROUNDUP (3SL)	0.75	LAA	7	8	82	90	90	91	80
B	X-77	0.25	PMV	7						
C	CANOPY (75WG)	0.23	LAA	7						
D	DUAL II (7.8EC)	2.00	LAA	7						
3A	ROUNDUP (3SL)	0.75	LAA	7	12	94	95	93	95	87
B	X-77	0.25	PMV	7						
C	CANOPY (75WG)	0.23	LAA	6						
D	COMMAND (4EC)	1.00	LAA	6						
4A	ROUNDUP (3SL)	0.75	LAA	7	7	92	92	92	92	82
B	X-77	0.25	PMV	7						
C	CANOPY (75WG)	0.23	LAA	7						
D	PROWL (3.3EC)	1.00	LAA	7						
5A	ROUNDUP (3SL)	0.75	LAA	7	0	96	96	91	96	84
B	X-77	0.25	PMV	7						
C	CANOPY (75WG)	0.23	LAA	7						
D	FRONTIER (7.5EC)	1.05	LAA	7						
6A	ROUNDUP (3SL)	0.75	LAA	7	0	84	89	85	89	82
B	X-77	0.25	PMV	7						
C	SCEPTER (70DG)	0.125	LAA	7						
D	PROWL (3.3EC)	1.00	LAA	7						
7A	ROUNDUP (3SL)	0.75	LAA	7	0	95	92	86	93	87
B	X-77	0.25	PMV	7						
C	SCEPTER (70DG)	0.125	LAA	6						
D	COMMAND (4EC)	0.75	LAA	6						
8A	ROUNDUP (3SL)	0.75	LAA	7	0	75	77	88	89	77
B	X-77	0.25	PMV	7						
C	PURSUIT (2SL)	0.063	LAA	7						

TITLE: **BROWNSTOWN SOYBEAN NOTILL**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/29	SETFA 6/29	CHEAL 6/29	AMBEL 6/29	DATST 6/29	PHBPU 6/29
9A	ROUNDUP (3SL)	0.75	LAA	7	10	86	92	93	92	82
B	X-77	0.25	PMV	7						
C	PURSUIT (2SL)	0.063	LAA	7						
D	PROWL (3.3EC)	1.00	LAA	7						
10A	ROUNDUP (3SL)	0.75	LAA	7	0	0	0	0	0	0
B	X-77	0.25	PMV	7						
C	CHECK	-	-	-						
11A	ROUNDUP (3SL)	0.75	LAA	7	0	83	78	84	87	77
B	X-77	0.25	PMV	7						
C	BROADSTRIKE+DUAL (7.67L)	2.16	LAA	7						
12A	ROUNDUP (3SL)	0.75	LAA	7	0	91	77	75	87	65
B	X-77	0.25	PMV	7						
C	BROADSTRIKE+DUAL (7.67L)	1.92	LAA	7						
13A	ROUNDUP (3SL)	0.75	LAA	7	0	90	82	78	87	78
B	X-77	0.25	PMV	7						
C	F6285 (75WG)	0.313	LAA	7						
D	DUAL II (7.8EC)	2.00	LAA	7						
14A	ROUNDUP (3SL)	0.75	LAA	7	0	92	88	83	88	80
B	X-77	0.25	PMV	7						
C	F6285 (75WG)	0.375	LAA	7						
D	DUAL II (7.8EC)	2.00	LAA	7						
15A	ROUNDUP (3SL)	0.75	LAA	7	17	96	93	93	96	85
B	X-77	0.25	PMV	7						
C	COMMAND (4EC)	0.75	LAA	6						
D	PURSUIT (2SL)	0.031	LAA	10						
E	X-77	0.25	PMV	10						
F	FERTILIZER - 28%UAN	2.5	PMV	10						
16A	ROUNDUP (3SL)	0.75	LAA	7	13	95	88	78	92	82
B	X-77	0.25	PMV	7						
C	F6285 (75WG)	0.313	LAA	7						
D	PURSUIT (2SL)	0.031	LAA	10						
E	X-77	0.25	PMV	10						
F	FERTILIZER - 28%UAN	2.5	PMV	10						
17A	ROUNDUP (3SL)	0.75	LAA	7	8	96	95	88	93	92
B	X-77	0.25	PMV	7						
C	F6285 (75WG)	0.375	LAA	7						
D	PURSUIT (2SL)	0.031	LAA	10						
E	X-77	0.25	PMV	10						
F	FERTILIZER - 28%UAN	2.5	PMV	10						
18A	ROUNDUP (3SL)	0.75	LAA	7	18	95	92	91	95	87
B	X-77	0.25	PMV	7						
C	GALAXY (3.67SL)	0.92	LAA	10						
D	POAST PLUS (1EC)	0.188	LAA	10						
E	SYLGARD	0.25	PMV	10						
19A	ROUNDUP (3SL)	0.75	LAA	7	27	96	86	88	93	87
B	X-77	0.25	PMV	7						
C	STORM (4SL)	0.75	LAA	10						
D	POAST PLUS (1EC)	0.188	LAA	10						
E	SYLGARD	0.25	PMV	10						

TITLE: **BROWNSTOWN SOYBEAN NOTILL**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/29	SETFA 6/29	CHEAL 6/29	AMBEL 6/29	DATST 6/29	PHBPU 6/29
20A	ROUNDUP (3SL)	0.75	LAA	7	18	96	91	93	95	86
B	X-77	0.25	PMV	7						
C	BASAGRAN (4SL)	0.75	LAA	10						
D	CLASSIC (25WG)	0.004	LAA	10						
E	POAST PLUS (1EC)	0.188	LAA	10						
F	FERTILIZER - 28%UAN	2.5	PMV	10						
21A	ROUNDUP (3SL)	0.75	LAA	7	22	96	94	94	97	90
B	X-77	0.25	LAA	7						
C	CONCERT (25WG)	0.008	LAA	10						
D	ASSURE II (0.88EC)	0.055	LAA	10						
E	COC	1.0	PMV	10						
F	FERTILIZER - 28%UAN	2.5	PMV	10						
22A	ROUNDUP (3SL)	0.75	LAA	7	15	90	82	90	91	83
B	X-77	0.25	LAA	7						
C	REFLEX-ADJ (1EC)	0.313	LAA	10						
D	FUSION (2.66EC)	0.187	LAA	10						
E	FERTILIZER - 28%UAN	2.5	PMV	10						
23A	ROUNDUP (3SL)	0.75	LAA	7	10	82	72	72	87	72
B	X-77	0.25	LAA	7						
C	PURSUIT (2SL)	0.063	LAA	10						
D	SUNIT II	1.00	PMV	10						
E	FERTILIZER - 28%UAN	2.5	PMV	10						
24A	ROUNDUP (3SL)	0.75	LAA	7	25	95	87	92	95	88
B	X-77	0.25	LAA	7						
C	PURSUIT (2SL)	0.063	LAA	10						
D	COBRA (2EC)	0.125	LAA	10						
E	COC	1.00	PMV	10						
F	FERTILIZER - 28%UAN	2.5	PMV	10						
25A	ROUNDUP (3SL)	0.75	LAA	7	17	92	63	85	88	78
B	X-77	0.25	LAA	7						
C	PURSUIT (2SL)	0.063	LAA	10						
D	PINNACLE (25WG)	0.002	LAA	10						
E	X-77	0.25	PMV	10						
F	FERTILIZER - 28%UAN	2.5	PMV	10						
26A	ROUNDUP (3SL)	0.75	LAA	7	0	88	78	88	91	85
B	X-77	0.25	LAA	7						
C	COBRA (2EC)	0.125	LAA	10						
D	SELECT (2EC)	0.094	LAA	10						
E	COC	1.00	PMV	10						
F	FERTILIZER - 28%UAN	2.5	PMV	10						
LSD (0.05)					8	7	8	7	4	6

TITLE: BROWNSTOWN TOTAL POSTEMERGENCE WEED CONTROL IN SOYBEANS

SOIL INFORMATION

TEXTURE: SIL
 PH: 6.7
 % OM: 1.5
 PREV.CROP: ZEAMD-CORN, DENT
 PLOT WIDTH: 10.00 FT
 PLOT LENGTH: 40.00 FT

TRIAL INFORMATION

DESIGN: RCB
 REPS: 3

APPLICATIONS

NUMBER:	/--01--\	/--02--\	UNIT
TYPE:	L	L	
APPL. DATE:	06/06	06/13	MDY
TIME - BEGIN:	12:00	11:00	
AIR TEMP.:	85	92	F°
REL. HUMID.:	40	50	%
WIND DIR.:	N	SW	
WIND SPEED:	3.0	7.0	MPH
SKY COND.:	S	P	
LEAF MOIST:	D	D	
ROOT MOIST:	D	D	
SOIL TEMP.:	79	85	4 INCH
METHOD:	SP	SP	
EQUIPMENT:	BAC	BAC	
PROPELLANT:	CO2	CO2	
PLACEMENT:	BC	BC	
NOZZLE:	FF	FF	
NOZZLE NUMBER:	6	6	
NOZZLE SPACING:	20.0	20.0	IN
SWATH WIDTH:	10.0	10.0	FT
BOOM HEIGHT:	20.0	20.0	IN
SPEED:	3.00	3.00	MPH
MIX SIZE:	0.57	0.57	
MIX SIZE UNIT:	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	
VOLUME UNIT:	GPA	GPA	
PRESSURE:	44.00	44.00	PSI
DILUENT:	WAT	WAT	

TIMINGS: 09 . 10

* TIMING CODES
 09 = EARLY POST
 10 = POST

SPECIES STAGES

SPECIES:01 P GLXMA
COMMON NAME:SOYBEAN
TARGET:CROP

CULTIVAR:PIONEER 9392

POPULATION: BU/A PLANTING DATE:05/94

PLANTING DEPTH:1.0 IN ROW WIDTH:30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/06	12	NA	3.00	3.00	3.00 IN
06/13	13	NA	5.00	5.00	5.00 IN

SPECIES:02 P SETFA
COMMON NAME:FOXTAIL, GIANT
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/06	13	H	3.00	3.00	3.00 IN
06/13	14	H	5.00	5.00	5.00 IN

SPECIES:03 P ABUTH
COMMON NAME:VELVETLEAF
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/06	12	H	1.00	2.00	1.50 IN
06/13	14	H	4.00	4.00	4.00 IN

SPECIES:04 P PHBPU
COMMON NAME:MORNINGGLORY, TALL
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/06	12	H	1.00	1.00	1.00 IN
06/13	14	H	3.00	3.00	3.00 IN

SPECIES:05 P CHEAL
COMMON NAME:LAMBSQUARTERS, COMMON
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/06	13	H	1.00	2.00	1.50 IN
06/13	16	H	2.00	4.00	3.00 IN

*** STAGE CODE**

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: **BROWNSTOWN TOTAL POSTEMERGENCE WEED CONTROL IN SOYBEANS**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/06	SETFA 7/06	ABUTH 7/06	PHBPU 7/06	CHEAL 7/06
1A	GALAXY (3.67SL)	0.74	LAA	9	0	67	57	10	90
B	POAST PLUS (1EC)	0.141	LAA	9					
C	SYLGARD 309	0.25	PMV	9					
2A	GALAXY (3.67SL)	0.92	LAA	9	0	60	43	13	90
B	POAST PLUS (1EC)	0.188	LAA	9					
C	SYLGARD 309	0.25	PMV	9					
3A	CONCERT (25DF)	0.006	LAA	9	0	87	67	20	52
B	ASSURE II (0.88EC)	0.041	LAA	9					
C	COC	1.00	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
4A	CONCERT (25DF)	0.008	LAA	9	3	78	75	57	90
B	ASSURE II (0.88EC)	0.055	LAA	9					
C	COC	1.00	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
5A	REFLEX-ADJ (1.0EC)	0.25	LAA	9	0	76	46	33	18
B	FUSION (2.66EC)	0.156	LAA	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
6A	REFLEX-ADJ (1.0EC)	0.313	LAA	9	0	72	55	50	50
B	FUSION (2.66EC)	0.208	LAA	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
7A	PURSUIT (2SL)	0.043	LAA	9	0	65	85	75	80
B	X-77	0.25	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
8A	PURSUIT (2SL)	0.063	LAA	9	0	92	98	77	77
B	X-77	0.25	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
9A	PURSUIT (2SL)	0.043	LAA	9	0	50	88	68	37
B	COBRA (2EC)	0.094	LAA	9					
C	COC	1.00	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
10A	PURSUIT (2SL)	0.063	LAA	9	0	82	95	83	57
B	COBRA (2EC)	0.125	LAA	9					
C	COC	1.00	PMV	9					
D	FERTILIZER - 28%UAN	2.5	PMV	9					
11A	GALAXY (3.67SL)	0.74	LAA	10	7	12	23	80	57
B	POAST PLUS (1EC)	0.141	LAA	10					
C	SYLGARD 309	0.25	PMV	10					
12A	GALAXY (3.67SL)	0.92	LAA	10	0	77	27	57	23
B	POAST PLUS (1EC)	0.188	LAA	10					
C	SYLGARD 309	0.25	PMV	10					
13A	CONCERT (25DF)	0.006	LAA	10	0	88	76	48	52
B	ASSURE II (0.88EC)	0.041	LAA	10					
C	COC	1.00	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
14A	CONCERT (25DF)	0.008	LAA	10	3	90	93	37	72
B	ASSURE II (0.88EC)	0.055	LAA	10					
C	COC	1.00	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					

TITLE: BROWNSTOWN TOTAL POSTEMERGENCE WEED CONTROL IN SOYBEANS

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/06	SETFA 7/06	ABUTH 7/06	PHBPU 7/06	CHEAL 7/06
15A	REFLEX-ADJ (1.0EC)	0.25	LAA	10	3	87	33	50	42
B	FUSION (2.66EC)	0.156	LAA	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
16A	REFLEX-ADJ (1.0EC)	0.313	LAA	10	7	87	42	53	45
B	FUSION (2.66EC)	0.208	LAA	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
17A	PURSUIT (2SL)	0.043	LAA	10	7	12	58	68	47
B	X-77	0.25	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
18A	PURSUIT (2SL)	0.063	LAA	10	0	53	78	70	68
B	X-77	0.25	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
19A	PURSUIT (2SL)	0.043	LAA	10	0	22	67	48	55
B	COBRA (2EC)	0.094	LAA	10					
C	COC	1.00	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
20A	PURSUIT (2SL)	0.063	LAA	10	0	40	82	65	82
B	COBRA (2EC)	0.125	LAA	10					
C	COC	1.00	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
21A	HAND WEEDED	-	-	-	0	99	99	99	99
22A	UNTREATED CHECK	0.00	NA	-	0	0	0	0	0
	LSD (0.05)				6	23	31	30	38

TITLE: SAND FARM CORN NOTILL

SOIL INFORMATION

TEXTURE: S
 PH: 6.5
 % OM: 0.5
 PREV.CROP: GLXMA-SOYBEAN
 PLOT WIDTH: 10.00 FT
 PLOT LENGTH: 33.00 FT

TRIAL INFORMATION

DESIGN: RCB
 REPS: 3

APPLICATIONS

	/--01--\	/--02--\	UNIT
NUMBER:	L	L	
TYPE:	L	L	
APPL. DATE:	05/12	06/14	MDY
TIME - BEGIN:	05:00	10:00	
AIR TEMP.:	75	93	F°
REL. HUMID.:	40	55	%
WIND DIR.:	E	SW	
WIND SPEED:	3.0	7.0	MPH
SKY COND.:	S	S	
LEAF MOIST:	D	D	
ROOT MOIST:	M	M	
SOIL TEMP.:	65	78	4 INCH
METHOD:	SP	SP	
EQUIPMENT:	BAC	BAC	
PROPELLANT:	CO2	CO2	
PLACEMENT:	BC	BC	
NOZZLE:	FF	FF	
NOZZLE NUMBER:	6	6	
NOZZLE SPACING:	20.0	20.0	IN
SWATH WIDTH:	10.0	10.0	FT
BOOM HEIGHT:	20.0	20.0	IN
SPEED:	3.00	3.00	MPH
MIX SIZE:	0.47	0.47	
MIX SIZE UNIT:	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	
VOLUME UNIT:	GPA	GPA	
PRESSURE:	44.00	44.00	PSI
DILUENT:	WAT	WAT	

TIMINGS: 07 10

* TIMING CODES
 07 = PREEMERGENCE
 10 = POST

SPECIES STAGES

SPECIES:01 P ZEAMD

COMMON NAME:CORN, DENT

TARGET:CROP

CULTIVAR: PIONEER 3343

ROW WIDTH:30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14/93	17	NA	13.00	13.00	13.00 IN

SPECIES:02 P DIGSA

COMMON NAME:CRABGRASS, LARGE

TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14/93	15	H	3.00	3.00	3.00 IN

SPECIES:03 P AMACH

COMMON NAME:PIGWEEED, SMOOTH

TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14/93	15	L	4.00	5.00	4.50 IN

SPECIES:04 P CHEAL

COMMON NAME:LAMBSQUARTERS, COMMON

TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14/93	17	L	4.00	10.00	7.00 IN

* STAGE CODE

15 = 5TH.TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: SAND FARM CORN NOTILL

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 10DAT	DIGSA 10DAT	CHEAL 10DAT	AMACH 10DAT
1A	BICEP II (5.9SC)	2.7	LAA	7	0	98	98	99
2A	BULLET (4CS)	3.0	LAA	7	0	95	97	96
3A	GUARDSMAN (5.0L)	2.0	LAA	7	7	93	96	96
4A	SURPASS 100 (5EC)	2.5	LAA	7	7	98	98	95
5A	HARNESS PLUS (7EC)	1.4	LAA	7	0	88	94	91
B	BATTALION (15WG)	0.06	LAA	7				
6A	BROADSTRIKE+DUAL (7.67L)	1.75	LAA	7	0	92	92	90
7A	BROADSTRK. PLUS (85.6WG)	0.17	LAA	7	0	88	94	91
B	DUAL II (7.8EC)	1.8	LAA	7				
8A	EXTRAZINE II (90WG)	3.0	LAA	7	0	94	93	95
9A	UNTREATED CHECK	0.00	NA	0	0	0	0	0
10A	DUAL II (7.8EC)	1.8	LAA	7	0	98	99	91
B	EXCEED (57WG)	0.031	LAA	10				
C	COC	1.0	PMV	10				
11A	DUAL II (7.8EC)	1.8	LAA	7	0	93	99	99
B	NAF-73 (84.3WG)	0.21	LAA	10				
C	X-77	0.25	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
12A	FRONTIER (7.5EC)	1.05	LAA	7	0	99	99	92
B	CLARITY (4SL)	0.5	LAA	10				
13A	HARNESS PLUS (7EC)	1.4	LAA	7	0	94	99	68
B	PERMIT (75WG)	0.5	LAA	10				
14A	ACCENT (75WG)	0.031	LAA	10	0	73	99	63
B	ATRAZINE (90DF)	1.2	LAA	10				
C	COC	1.0	PMV	10				
	LSD (0.05)				6	7	4	21

-CONTINUED-

TITLE: SAND FARM CORN NOTILL

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 30DAT	DIGSA 30DAT	CHEAL 30DAT	AMACH 30DAT
1A	BICEP II (5.9SC)	2.7	LAA	7	0	94	97	97
2A	BULLET (4CS)	3.0	LAA	7	0	96	97	94
3A	GUARDSMAN (5.0L)	2.0	LAA	7	0	95	97	97
4A	SURPASS 100 (5EC)	2.5	LAA	7	0	98	98	95
5A	HARNESS PLUS (7EC)	1.4	LAA	7	0	93	94	92
B	BATTALION (15WG)	0.06	LAA	7				
6A	BROADSTRIKE+DUAL(7.67L)	1.75	LAA	7	0	90	94	92
7A	BROADSTRK.PLUS(85.6WG)	0.17	LAA	7	0	85	92	93
B	DUAL II (7.8EC)	1.8	LAA	7				
8A	EXTRAZINE II (90WG)	3.0	LAA	7	0	91	95	96
9A	UNTREATED CHECK	0.00	NA	0	0	0	0	0
10A	DUAL II (7.8EC)	1.8	LAA	7	0	96	97	93
B	EXCEED (57WG)	0.031	LAA	10				
C	COC	1.0	PMV	10				
11A	DUAL II (7.8EC)	1.8	LAA	7	0	93	96	96
B	NAF-73 (84.3WG)	0.21	LAA	10				
C	X-77	0.25	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
12A	FRONTIER (7.5EC)	1.05	LAA	7	0	95	97	97
B	CLARITY (4SL)	0.5	LAA	10				
13A	HARNESS PLUS (7EC)	1.4	LAA	7	0	93	95	91
B	PERMIT (75WG)	0.5	LAA	10				
14A	ACCENT (75WG)	0.031	LAA	10	0	87	92	90
B	ATRAZINE (90DF)	1.2	LAA	10				
C	COC	1.0	PMV	10				
	LSD (0.05)				0	7	3	7

TITLE: SAND FARM CORN NO-TILL CHLOROACETAMIDE COMPARISON

SOIL INFORMATION

TEXTURE: S
PH: 6.5
% OM: 0.5
PREV.CROP: GLXMA-SOYBEAN
PLOT WIDTH: 10.00 FT
PLOT LENGTH: 33.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS:3

APPLICATIONS

NUMBER: /--01--\ UNIT
TYPE: L
APPL. DATE: 05/12 MDY
TIME-BEGIN: 03:00
AIR TEMP.: 78 F°
REL. HUMID.: 10 %
WIND DIR.: E
WIND SPEED: 3.0 MPH
SKY COND.: S
LEAF MOIST: D
ROOT MOIST: M
SOIL TEMP.: 65 4 INCH
METHOD: SP
EQUIPMENT: BAC
PROPELLANT: CO2
PLACEMENT: BC
NOZZLE: FF
NOZZLE NUMBER: 6
NOZZLE SPACING: 20.0 IN
SWATH WIDTH: 10.0 FT
BOOM HEIGHT: 20.0 IN
SPEED: 3.00 MPH
MIX SIZE: 0.47
MIX SIZE UNIT: GAL
SPRAY VOLUME: 20.00
VOLUME UNIT: GPA
PRESSURE: 32.00 PSI
DILUENT: WAT

TIMINGS: 07

* TIMING CODES

07 = PRE

* BURNDOWN OF 0.75LB ROUNDUP AND 0.25% X-77 APPLIED PREEMERGENCE,
AND 0.25LB CLARITY APPLIED EARLY POSTEMERGENCE FOR BROADLEAF WEED CONTROL.

SPECIES STAGES

SPECIES:01 P ZEAMD COMMON NAME: CORN, DENT CULTIVAR: DEKALB 591
TARGET: CROP POPULATION: 26000 A PLANTING DATE: 05/12
PLANTING DEPTH: 2.0 IN ROW WIDTH: 30.0 IN

SPECIES:02 P DIGSA COMMON NAME: CRABGRASS, LARGE
TARGET: PEST

TITLE: SAND FARM CORN NO-TILL CHLOROACETAMIDE COMPARISON

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/13	DIGSA 6/13
1A	DUAL II (7.8EC)	0.9	LAA	7	0	83
2A	DUAL II (7.8EC)	1.35	LAA	7	0	93
3A	DUAL II (7.8EC)	1.8	LAA	7	0	96
4A	DUAL II (7.8EC)	3.6	LAA	7	0	99
5A	LASSO MICRO-TECH (4CS)	1.12	LAA	7	0	88
6A	LASSO MICRO-TECH (4CS)	1.68	LAA	7	0	90
7A	LASSO MICRO-TECH (4CS)	2.25	LAA	7	0	95
8A	LASSO MICRO-TECH (4CS)	4.5	LAA	7	0	98
9A	FRONTIER (7.5EC)	0.53	LAA	7	0	91
10A	FRONTIER (7.5EC)	0.79	LAA	7	1	92
11A	FRONTIER (7.5EC)	1.05	LAA	7	2	96
12A	FRONTIER (7.5EC)	2.1	LAA	7	4	98
13A	HARNESS PLUS (7.0EC)	0.7	LAA	7	1	85
14A	HARNESS PLUS (7.0EC)	1.05	LAA	7	0	88
15A	HARNESS PLUS (7.0EC)	1.4	LAA	7	0	97
16A	HARNESS PLUS (7.0EC)	2.8	LAA	7	0	99
17A	SURPASS (6.4EC)	0.7	LAA	7	0	87
18A	SURPASS (6.4EC)	1.05	LAA	7	0	92
19A	SURPASS (6.4EC)	1.4	LAA	7	2	96
20A	SURPASS (6.4EC)	2.8	LAA	7	0	99
21A	HAND WEEDED	-	-	-	0	99
22A	UNTREATED CHECK	-	-	-	0	0
LSD	(0.05)				0	5

TITLE: SAND FARM CORN CONVENTIONAL CHLOROACETAMIDE COMPARISON

SOIL INFORMATION

TEXTURE: S
PH: 6.5
% OM: 0.5
PREV. CROP: GLXMA-SOYBEAN
PLOT WIDTH: 10.00 FT
PLOT LENGTH: 33.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS: 3

APPLICATIONS

NUMBER: /--01--\ UNIT
TYPE: L
APPL. DATE: 05/12 MDY
TIME-BEGIN: 01:00
AIR TEMP.: 78 F°
REL. HUMID.: 40 %
WIND DIR.: E
WIND SPEED: 3.0 MPH
SKY COND.: S
LEAF MOIST: D
ROOT MOIST: M
SOIL TEMP.: 65 4 INCH
METHOD: SP
EQUIPMENT: BAC
PROPELLANT: CO2
PLACEMENT: BC
NOZZLE: FF
NOZZLE NUMBER: 6
NOZZLE SPACING: 20.0 IN
SWATH WIDTH: 10.0 FT
BOOM HEIGHT: 20.0 IN
SPEED: 3.00 MPH
MIX SIZE: 0.47
MIX SIZE UNIT: GAL
SPRAY VOLUME: 20.00
VOLUME UNIT: GPA
PRESSURE: 32.00 PSI
DILUENT: WAT

TIMINGS: 07

* TIMING CODES
07 = PRE

SPECIES STAGES

SPECIES:01 P ZEAMD COMMON NAME: CORN, DENT CULTIVAR: DEKALB 591
TARGET: CROP POPULATION: 26000 A PLANTING DATE: 05/12
PLANTING DEPTH: 2.0 IN ROW WIDTH: 30.0 IN

SPECIES:02 P DIGSA COMMON NAME: CRABGRASS, LARGE
TARGET: PEST

TITLE: **SAND FARM CORN CONVENTIONAL CHLOROACETAMIDE COMPARISON**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/13	DIGSA 6/13
1A	DUAL II (7.8EC)	0.8	LAA	7	0	60
2A	DUAL II (7.8EC)	1.22	LAA	7	0	73
3A	DUAL II (7.8EC)	1.62	LAA	7	0	87
4A	DUAL II (7.8EC)	3.24	LAA	7	0	93
5A	LASSO MICRO-TECH (4CS)	1.0	LAA	7	0	63
6A	LASSO MICRO-TECH (4CS)	1.5	LAA	7	0	73
7A	LASSO MICRO-TECH (4CS)	2.0	LAA	7	0	78
8A	LASSO MICRO-TECH (4CS)	4.0	LAA	7	0	93
9A	FRONTIER (7.5EC)	0.48	LAA	7	0	77
10A	FRONTIER (7.5EC)	0.71	LAA	7	0	80
11A	FRONTIER (7.5EC)	0.95	LAA	7	0	87
12A	FRONTIER (7.5EC)	1.9	LAA	7	0	96
13A	HARNESS PLUS (7.0EC)	0.63	LAA	7	0	78
14A	HARNESS PLUS (7.0EC)	0.98	LAA	7	0	83
15A	HARNESS PLUS (7.0EC)	1.25	LAA	7	0	90
16A	HARNESS PLUS (7.0EC)	2.5	LAA	7	0	94
17A	SURPASS (6.4EC)	0.63	LAA	7	0	77
18A	SURPASS (6.4EC)	0.98	LAA	7	0	87
19A	SURPASS (6.4EC)	1.25	LAA	7	0	95
20A	SURPASS (6.4EC)	2.5	LAA	7	0	98
21A	HAND WEEDED	-	-	-	0	99
22A	UNTREATED CHECK	-	-	-	0	0
LSD	(0.05)				0	10

TITLE: SAND FARM CORN PREEMERGENCE AND POSTEMERGENCE

SOIL INFORMATION

TEXTURE: S
 PH: 6.5
 % OM: 0.5
 PREV.CROP: GLXMA-SOYBEAN
 PLOT WIDTH: 10.00 FT
 PLOT LENGTH: 33.00 FT

TRIAL INFORMATION

DESIGN: RCB
 REPS:3

APPLICATIONS

NUMBER:	/--01--\	/--02--\	/--03--\	UNIT
TYPE:	L	L	L	
APPL. DATE:	05/12	05/31	06/07	MDY
TIME - BEGIN:	11:00	12:15	02:00	
AIR TEMP.:	78	81	85	F°
REL. HUMID.:	40	55	50	
WIND DIR.:	E	W	E	
WIND SPEED:	3.0	5.0	3.0	MPH
SKY COND.:	S	P	S	
LEAF MOIST:	D	D	D	
ROOT MOIST:	M	D	M	
SOIL TEMP.:	65	72	75	4 INCH
METHOD:	SP	SP	SP	
EQUIPMENT:	BAC	BAC	BAC	
PROPELLANT:	CO2	CO2	CO2	
PLACEMENT:	BC	BC	BC	
NOZZLE:	FF	FF	FF	
NOZZLE NUMBER:	6	6	6	
NOZZLE SPACING:	20.0	20.0	20.0	IN
SWATH WIDTH:	10.0	10.0	10.0	FT
BOOM HEIGHT:	20.0	20.0	20.0	IN
SPEED:	3.00	3.00	3.00	MPH
MIX SIZE:	0.47	0.47	0.47	
MIX SIZE UNIT:	GAL	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	20.00	
VOLUME UNIT:	GPA	GPA	GPA	
PRESSURE:	32.00	32.00	32.00	PSI
DILUENT:	WAT	WAT	WAT	
TIMINGS:	07	09	10	

* TIMING CODES
 07 = PRE
 09 = EARLY POST
 10 = POST

SPECIES STAGES

SPECIES:01 P ZEAMD
COMMON NAME:CORN, DENT
TARGET:CROP
CULTIVAR:PIONEER 3343
ROW WIDTH:30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/31	13	NA	6.00	6.00	6.00 IN
06/07	15	NA	9.00	10.00	9.50 IN

SPECIES:02 P DIGSA
COMMON NAME:CRABGRASS, LARGE
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/12	12	H	0.25	0.75	0.50 IN
06/07	13	H	0.50	2.00	1.25 IN

SPECIES:03 P CCHPA
COMMON NAME:SANDBUR, LONGSPINE
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/12	11	M	1.00	1.00	1.00 IN
06/07	14	M	2.00	3.00	2.50 IN

SPECIES:04 P TRBTE
COMMON NAME:PUNCTUREVINE
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/31	12	M	0.50	1.00	0.75 IN
06/07	14	M	1.00	1.50	1.25 IN

* STAGE CODE

- 11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
- 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: **SAND FARM CORN PREEMERGENCE AND POSTEMERGENCE**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 14DAT	DIGSA 14DAT	CCHPE 14DAT	TRBTE 14DAT
1A	BICEP II (5.9L)	2.7	LAA	7	0	88	87	85
2A	GUARDSMAN (5SC)	1.87	LAA	7	0	88	83	77
3A	BULLET (4CS)	3.0	LAA	7	0	87	82	85
4A	PROWL (3.3EC)	1.24	LAA	7	0	87	75	87
B	ATRAZINE (90WG)	1.0	LAA	7				
5A	PRODIAMINE (65WG)	0.38	LAA	7	0	73	75	77
B	ATRAZINE (90WG)	1.0	LAA	7				
6A	FRONTIER(7.5EC)	0.94	LAA	7	0	87	83	83
B	PRODIAMINE (65WG)	0.38	LAA	7				
C	ATRAZINE (90WG)	1.0	LAA	7				
7A	FRONTIER(7.5EC)	0.7	LAA	7	0	82	67	83
B	PRODIAMINE (65WG)	0.25	LAA	7				
C	ATRAZINE (90WG)	1.0	LAA	7				
8A	FRONTIER(7.5EC)	0.94	LAA	7	0	88	85	87
B	PROWL (3.3EC)	1.24	LAA	7				
C	ATRAZINE (90WG)	1.0	LAA	7				
9A	FRONTIER(7.5EC)	0.7	LAA	7	0	85	85	85
B	PROWL (3.3EC)	0.83	LAA	7				
C	ATRAZINE (90WG)	1.0	LAA	7				
10A	UNTREATED CHECK	-	-	-	0	0	0	0
11A	FRONTIER(7.5EC)	0.94	LAA	7	0	83	77	90
B	CLARITY (4SL)	0.25	LAA	9				
C	FERTILIZER - 28%UAN	2.5	PMV	9				
12A	FRONTIER(7.5EC)	0.94	LAA	7	0	92	92	90
B	ACCENT (75WG)	0.016	LAA	9				
C	CLARITY (4SL)	0.25	LAA	9				
D	FERTILIZER - 28%UAN	2.5	PMV	9				
13A	FRONTIER(7.5EC)	0.47	LAA	9	0	90	93	90
B	ACCENT (75WG)	0.016	LAA	9				
C	CLARITY (4SL)	0.25	LAA	9				
D	X-77	0.25	PMV	9				
E	FERTILIZER - 28%UAN	2.5	PMV	9				
14A	FRONTIER(7.5EC)	0.7	LAA	9	0	89	88	90
B	ACCENT (75WG)	0.016	LAA	9				
C	CLARITY (4SL)	0.25	LAA	9				
D	X-77	0.25	PMV	9				
E	FERTILIZER - 28%UAN	2.5	PMV	9				
15A	FRONTIER(7.5EC)	0.59	LAA	7	0	96	96	95
B	FRONTIER(7.5EC)	0.35	LAA	9				
C	ACCENT (75WG)	0.016	LAA	9				
D	CLARITY (4SL)	0.25	LAA	9				
E	X-77	0.25	PMV	9				
F	FERTILIZER - 28%UAN	2.5	PMV	9				
16A	ACCENT (75WG)	0.032	LAA	9	0	90	94	93
B	CLARITY (4SL)	0.25	LAA	9				
C	X-77	0.25	PMV	9				
D	FERTILIZER - 28%UAN	2.5	PMV	9				

TITLE: **SAND FARM CORN PREEMERGENCE AND POSTEMERGENCE**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 14DAT	DIGSA 14DAT	CCHPE 14DAT	TRBTE 14DAT
17A	PROWL (3.3EC)	1.53	LAA	9	0	90	94	93
B	CLARITY (4SL)	0.25	LAA	9				
C	X-77	0.25	PMV	9				
D	FERTILIZER - 28%UAN	2.5	PMV	9				
18A	PROWL (3.3EC)	1.53	LAA	9	0	92	92	93
B	ACCENT (75WG)	0.032	LAA	9				
C	X-77	0.25	PMV	9				
D	FERTILIZER - 28%UAN	4.0	PMV	9				
19A	PROWL (3.3EC)	1.53	LAA	9	0	87	90	93
B	BEACON (75WG)	0.018	LAA	9				
C	X-77	0.25	PMV	9				
D	FERTILIZER - 28%UAN	4.0	PMV	9				
20A	PROWL (3.3EC)	1.53	LAA	9	0	83	83	90
B	BEACON (75WG)	0.036	LAA	9				
C	X-77	0.25	PMV	9				
D	FERTILIZER - 28%UAN	4.0	PMV	9				
21A	PROWL (3.3EC)	1.53	LAA	10	0	91	90	91
B	ACCENT (75WG)	0.016	LAA	10				
C	X-77	0.25	PMV	10				
D	FERTILIZER - 28%UAN	4.0	PMV	10				
22A	PROWL (3.3EC)	1.53	LAA	10	0	96	96	97
B	ACCENT (75WG)	0.032	LAA	10				
C	X-77	0.25	PMV	10				
D	FERTILIZER - 28%UAN	4.0	PMV	10				
23A	PROWL (3.3EC)	1.53	LAA	10	0	68	75	91
B	BEACON (75WG)	0.018	LAA	10				
C	X-77	0.25	PMV	10				
D	FERTILIZER - 28%UAN	4.0	PMV	10				
24A	PROWL (3.3EC)	1.53	LAA	10	0	82	85	87
B	BEACON (75WG)	0.038	LAA	10				
C	X-77	0.25	PMV	10				
D	FERTILIZER - 28%UAN	4.0	PMV	10				
LSD (0.05)					0	12	14	11

-CONTINUED-

TITLE: **SAND FARM CORN PREEMERGENCE AND POSTEMERGENCE**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 30DAT	DIGSA 30DAT	CCHPE 30DAT	TRBTE 30DAT
1A	BICEP II (5.9L)	2.7	LAA	7	0	80	77	75
2A	GUARDSMAN (5SC)	1.87	LAA	7	0	83	78	75
3A	BULLET (4CS)	3.0	LAA	7	0	77	73	77
4A	PROWL (3.3EC)	1.24	LAA	7	0	80	77	78
B	ATRAZINE (90WG)	1.0	LAA	7				
5A	PRODIAMINE (65WG)	0.38	LAA	7	0	70	67	73
B	ATRAZINE (90WG)	1.0	LAA	7				
6A	FRONTIER(7.5EC)	0.94	LAA	7	0	85	78	80
B	PRODIAMINE (65WG)	0.38	LAA	7				
C	ATRAZINE (90WG)	1.0	LAA	7				
7A	FRONTIER(7.5EC)	0.7	LAA	7	0	73	68	83
B	PRODIAMINE (65WG)	0.25	LAA	7				
C	ATRAZINE (90WG)	1.0	LAA	7				
8A	FRONTIER(7.5EC)	0.94	LAA	7	0	83	87	78
B	PROWL (3.3EC)	1.24	LAA	7				
C	ATRAZINE (90WG)	1.0	LAA	7				
9A	FRONTIER(7.5EC)	0.7	LAA	7	0	82	77	83
B	PROWL (3.3EC)	0.83	LAA	7				
C	ATRAZINE (90WG)	1.0	LAA	7				
10A	UNTREATED CHECK	-	-	-	0	0	0	0
11A	FRONTIER(7.5EC)	0.94	LAA	7	0	80	82	88
B	CLARITY (4SL)	0.25	LAA	9				
C	FERTILIZER - 28%UAN	2.5	PMV	9				
12A	FRONTIER(7.5EC)	0.94	LAA	7	0	88	89	88
B	ACCENT (75WG)	0.016	LAA	9				
C	CLARITY (4SL)	0.25	LAA	9				
D	FERTILIZER - 28%UAN	2.5	PMV	9				
13A	FRONTIER(7.5EC)	0.47	LAA	9	0	87	89	93
B	ACCENT (75WG)	0.016	LAA	9				
C	CLARITY (4SL)	0.25	LAA	9				
D	X-77	0.25	PMV	9				
E	FERTILIZER - 28%UAN	2.5	PMV	9				
14A	FRONTIER(7.5EC)	0.7	LAA	9	0	89	90	92
B	ACCENT (75WG)	0.016	LAA	9				
C	CLARITY (4SL)	0.25	LAA	9				
D	X-77	0.25	PMV	9				
E	FERTILIZER - 28%UAN	2.5	PMV	9				
15A	FRONTIER(7.5EC)	0.59	LAA	7	0	96	96	98
B	FRONTIER(7.5EC)	0.35	LAA	9				
C	ACCENT (75WG)	0.016	LAA	9				
D	CLARITY (4SL)	0.25	LAA	9				
E	X-77	0.25	PMV	9				
F	FERTILIZER - 28%UAN	2.5	PMV	9				
16A	ACCENT (75WG)	0.032	LAA	9	0	86	89	93
B	CLARITY (4SL)	0.25	LAA	9				
C	X-77	0.25	PMV	9				
D	FERTILIZER - 28%UAN	2.5	PMV	9				

TITLE: **SAND FARM CORN PREEMERGENCE AND POSTEMERGENCE**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 30DAT	DIGSA 30DAT	CCHPE 30DAT	TRBTE 30DAT
17A	PROWL (3.3EC)	1.53	LAA	9	0	93	91	94
B	CLARITY (4SL)	0.25	LAA	9				
C	X-77	0.25	PMV	9				
D	FERTILIZER - 28%UAN	2.5	PMV	9				
18A	PROWL (3.3EC)	1.53	LAA	9	0	89	91	96
B	ACCENT (75WG)	0.032	LAA	9				
C	X-77	0.25	PMV	9				
D	FERTILIZER - 28%UAN	4.0	PMV	9				
19A	PROWL (3.3EC)	1.53	LAA	9	0	83	88	90
B	BEACON (75WG)	0.018	LAA	9				
C	X-77	0.25	PMV	9				
D	FERTILIZER - 28%UAN	4.0	PMV	9				
20A	PROWL (3.3EC)	1.53	LAA	9	0	82	85	89
B	BEACON (75WG)	0.036	LAA	9				
C	X-77	0.25	PMV	9				
D	FERTILIZER - 28%UAN	4.0	PMV	9				
21A	PROWL (3.3EC)	1.53	LAA	10	0	95	94	99
B	ACCENT (75WG)	0.016	LAA	10				
C	X-77	0.25	PMV	10				
D	FERTILIZER - 28%UAN	4.0	PMV	10				
22A	PROWL (3.3EC)	1.53	LAA	10	0	96	98	99
B	ACCENT (75WG)	0.032	LAA	10				
C	X-77	0.25	PMV	10				
D	FERTILIZER - 28%UAN	4.0	PMV	10				
23A	PROWL (3.3EC)	1.53	LAA	10	0	60	75	99
B	BEACON (75WG)	0.018	LAA	10				
C	X-77	0.25	PMV	10				
D	FERTILIZER - 28%UAN	4.0	PMV	10				
24A	PROWL (3.3EC)	1.53	LAA	10	0	68	93	99
B	BEACON (75WG)	0.038	LAA	10				
C	X-77	0.25	PMV	10				
D	FERTILIZER - 28%UAN	4.0	PMV	10				
LSD (0.05)					0	8	10	13

TITLE: SAND FARM NOTILL SOYBEAN WEED CONTROL

SOIL INFORMATION

TEXTURE: S
PH: 6.5
% OM: 0.5
PREV.CROP: GLXMA-SOYBEAN
PLOT WIDTH: 10.00 FT
PLOT LENGTH: 33.00 FT

TRIAL INFORMATION

DESIGN: RCB
REPS: 3

APPLICATIONS

NUMBER:	/--01--\	/--02--\	UNIT
TYPE:	L	L	
APPL. DATE:	05/13	06/14	MDY
TIME - BEGIN:	08:30	10:00	
AIR TEMP.:	75	93	F°
REL. HUMID.:	45	55	
WIND DIR.:	SE	SW	
WIND SPEED:	7.0	7.0	MPH
SKY COND.:	C	S	
LEAF MOIST:	D	D	
ROOT MOIST:	M	M	
SOIL TEMP.:	68	76	4 INCH
METHOD:	SP	SP	
EQUIPMENT:	BAC	BAC	
PROPELLANT:	CO2	CO2	
PLACEMENT:	BC	BC	
NOZZLE:	FF	FF	
NOZZLE NUMBER:	6	6	
NOZZLE SPACING:	20.0	20.0	IN
SWATH WIDTH:	10.0	10.0	FT
BOOM HEIGHT:	20.0	20.0	IN
SPEED:	3.00	3.00	MPH
MIX SIZE:	0.47	0.47	
MIX SIZE UNIT:	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	
VOLUME UNIT:	GPA	GPA	
PRESSURE:	45.00	45.00	PSI
DILUENT:	WAT	WAT	

TIMINGS: 07 10

* TIMING CODES

07 = PREEMERGENCE

10 = POST

** BURNDOWN OF 0.75LB ROUNDUP AND 0.25% X-77 APPLIED PREEMERGENCE,

SPECIES STAGES

SPECIES:01 P GLXMA
COMMON NAME:SOYBEAN
TARGET:CROP
CULTIVAR:PIONEER 9312
ROW WIDTH:30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14	12	NA	7.00	7.00	7.00 IN

SPECIES:02 P DIGSA
COMMON NAME:CRABGRASS, LARGE
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14	13	H	2.00	4.00	3.00 IN

SPECIES:03 P CCHPA
COMMON NAME:SANDBUR, LONGSPINE
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14	13	M	3.00	5.00	4.00 IN

SPECIES:04 P CHEAL
COMMON NAME:LAMBSQUARTERS, COMMON
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/14	17	M	2.00	4.00	3.00 IN

* STAGE CODE
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: SAND FARM NOTILL SOYBEAN WEED CONTROL

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/13	DIGSA 6/13	CCHPA 6/13	CHEAL 6/13
1A	CANOPY (75WG)	0.23	LAA	7	0	78	77	92
2A	CANOPY (75WG)	0.23	LAA	7	0	97	96	94
B	DUAL II (7.8EC)	1.8	LAA	7				
3A	CANOPY (75WG)	0.23	LAA	7	0	98	99	98
B	LASSO MICRO-TECH (4CS)	2.25	LAA	7				
4A	CANOPY (75WG)	0.23	LAA	7	0	97	94	95
B	PROWL (3.3EC)	1.0	LAA	7				
5A	CANOPY (75WG)	0.23	LAA	7	0	93	93	93
B	FRONTIER (7.5EC)	1.05	LAA	7				
6A	SCEPTER (70DG)	0.093	LAA	7	0	99	98	99
B	PROWL (3.3EC)	1.0	LAA	7				
7A	SCEPTER (70DG)	0.093	LAA	7	0	98	97	99
B	FRONTIER (7.5EC)	1.05	LAA	7				
8A	PURSUIT (2SL)	0.063	LAA	7	0	97	96	98
9A	PURSUIT (2SL)	0.063	LAA	7	0	99	98	99
B	PROWL (3.3EC)	1.0	LAA	7				
10A	UNTREATED CHECK	0.00	NA	0	0	0	0	0
11A	BROADSTRIKE+DUAL(7.67L)	2.00	LAA	7	0	94	94	97
12A	BROADSTRIKE+DUAL(7.67L)	1.75	LAA	7	0	95	95	97
13A	F6285 (75WG)	0.313	LAA	7	0	94	91	97
B	DUAL II (7.8EC)	1.8	LAA	7				
14A	F6285 (75WG)	0.375	LAA	7	0	99	99	99
B	DUAL II (7.8EC)	1.8	LAA	7				
15A	FRONTIER (7.5EC)	0.79	LAA	7	-	-	-	-
B	PURSUIT (2SL)	0.031	LAA	10				
C	X-77	0.25	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
16A	F6285 (75WG)	0.313	LAA	7	-	-	-	-
B	PURSUIT (2SL)	0.031	LAA	10				
C	X-77	0.25	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
17A	F6285 (75WG)	0.375	LAA	7	-	-	-	-
B	PURSUIT (2SL)	0.031	LAA	10				
C	X-77	0.25	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
18A	GALAXY (3.67SL)	0.92	LAA	10	-	-	-	-
B	POAST PLUS (1EC)	0.188	LAA	10				
C	SYLGARD	0.25	PMV	10				
19A	STORM (4SL)	0.75	LAA	10	-	-	-	-
B	POAST PLUS (1EC)	0.188	LAA	10				
C	SYLGARD	0.25	PMV	10				
20A	BASAGRAN (4SL)	0.75	LAA	10	-	-	-	-
B	CLASSIC (25WG)	0.004	LAA	10				
C	POAST PLUS (1EC)	0.188	LAA	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				

TITLE: SAND FARM NOTILL SOYBEAN WEED CONTROL

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/13	DIGSA 6/13	CCHPA 6/13	CHEAL 6/13
21A	CONCERT (25WG)	0.008	LAA	10	-	-	-	-
B	ASSURE II (0.88EC)	0.055	LAA	10				
C	COC	1.0	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
22A	REFLEX-ADJ (1EC)	0.313	LAA	10	-	-	-	-
B	FUSION (2.66EC)	0.187	LAA	10				
C	FERTILIZER - 28%UAN	2.5	PMV	10				
23A	PURSUIT (2SL)	0.063	LAA	10	-	-	-	-
B	SUNIT II	1.0	PMV	10				
C	FERTILIZER - 28%UAN	2.5	PMV	10				
24A	PURSUIT (2SL)	0.063	LAA	10	-	-	-	-
B	COBRA (2EC)	0.125	LAA	10				
C	COC	1.00	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
25A	PURSUIT (2SL)	0.063	LAA	10	-	-	-	-
B	PINNACLE (25WG)	0.002	LAA	10				
C	X-77	0.25	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
26A	COBRA (2EC)	0.125	LAA	10	-	-	-	-
B	SELECT (2EC)	0.094	LAA	10				
C	COC	1.00	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
LSD (0.05)					0	8	10	13

- TREATMENT NOT APPLIED AT THIS TIME.

-CONTINUED-

TITLE: **SAND FARM NOTILL SOYBEAN WEED CONTROL**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/23	DIGSA 6/23	CCHPA 6/23	CHEAL 6/23
1A	CANOPY (75WG)	0.23	LAA	7	0	70	75	87
2A	CANOPY (75WG)	0.23	LAA	7	0	93	95	94
B	DUAL II (7.8EC)	1.8	LAA	7				
3A	CANOPY (75WG)	0.23	LAA	7	0	97	98	97
B	LASSO MICRO-TECH (4CS)	2.25	LAA	7				
4A	CANOPY (75WG)	0.23	LAA	7	0	92	93	95
B	PROWL (3.3EC)	1.0	LAA	7				
5A	CANOPY (75WG)	0.23	LAA	7	0	86	89	87
B	FRONTIER (7.5EC)	1.05	LAA	7				
6A	SCEPTER (70DG)	0.093	LAA	7	0	97	98	99
B	PROWL (3.3EC)	1.0	LAA	7				
7A	SCEPTER (70DG)	0.093	LAA	7	0	93	96	97
B	FRONTIER (7.5EC)	1.05	LAA	7				
8A	PURSUIT (2SL)	0.063	LAA	7	0	96	96	98
9A	PURSUIT (2SL)	0.063	LAA	7	0	97	98	98
B	PROWL (3.3EC)	1.0	LAA	7				
10A	UNTREATED CHECK	0.00	NA	0	0	0	0	0
11A	BROADSTRIKE+DUAL(7.67L)	2.00	LAA	7	0	94	95	95
12A	BROADSTRIKE+DUAL(7.67L)	1.75	LAA	7	0	93	93	96
13A	F6285 (75WG)	0.313	LAA	7	0	94	96	95
B	DUAL II (7.8EC)	1.8	LAA	7				
14A	F6285 (75WG)	0.375	LAA	7	0	91	95	97
B	DUAL II (7.8EC)	1.8	LAA	7				
15A	FRONTIER (7.5EC)	0.79	LAA	7	0	96	98	94
B	PURSUIT (2SL)	0.031	LAA	10				
C	X-77	0.25	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
16A	F6285 (75WG)	0.313	LAA	7	0	94	97	98
B	PURSUIT (2SL)	0.031	LAA	10				
C	X-77	0.25	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
17A	F6285 (75WG)	0.375	LAA	7	0	97	98	98
B	PURSUIT (2SL)	0.031	LAA	10				
C	X-77	0.25	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
18A	GALAXY (3.67SL)	0.92	LAA	10	10	90	95	96
B	POAST PLUS (1EC)	0.188	LAA	10				
C	SYLGARD	0.25	PMV	10				
19A	STORM (4SL)	0.75	LAA	10	17	92	95	96
B	POAST PLUS (1EC)	0.188	LAA	10				
C	SYLGARD	0.25	PMV	10				
20A	BASAGRAN (4SL)	0.75	LAA	10	0	94	95	96
B	CLASSIC (25WG)	0.004	LAA	10				
C	POAST PLUS (1EC)	0.188	LAA	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				

TITLE: SAND FARM NOTILL SOYBEAN WEED CONTROL

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 6/23	DIGSA 6/23	CCHPA 6/23	CHEAL 6/23
21A	CONCERT (25WG)	0.008	LAA	10	5	89	93	95
B	ASSURE II (0.88EC)	0.055	LAA	10				
C	COC	1.0	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
22A	REFLEX-ADJ (1EC)	0.313	LAA	10	0	96	98	98
B	FUSION (2.66EC)	0.187	LAA	10				
C	FERTILIZER - 28%UAN	2.5	PMV	10				
23A	PURSUIT (2SL)	0.063	LAA	10	3	90	95	97
B	SUNIT II	1.0	PMV	10				
C	FERTILIZER - 28%UAN	2.5	PMV	10				
24A	PURSUIT (2SL)	0.063	LAA	10	0	89	96	94
B	COBRA (2EC)	0.125	LAA	10				
C	COC	1.00	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
25A	PURSUIT (2SL)	0.063	LAA	10	3	85	92	94
B	PINNACLE (25WG)	0.002	LAA	10				
C	X-77	0.25	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
26A	COBRA (2EC)	0.125	LAA	10	17	97	97	95
B	SELECT (2EC)	0.094	LAA	10				
C	COC	1.00	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
LSD (0.05)					5	6	5	4

-CONTINUED-

TITLE: **SAND FARM NOTILL SOYBEAN WEED CONTROL**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/11	DIGSA 7/11	CCHPA 7/11	CHEAL 7/11
1A	CANOPY (75WG)	0.23	LAA	7	-	-	-	-
2A	CANOPY (75WG)	0.23	LAA	7	-	-	-	-
B	DUAL II (7.8EC)	1.8	LAA	7	-	-	-	-
3A	CANOPY (75WG)	0.23	LAA	7	-	-	-	-
B	LASSO MICRO-TECH (4CS)	2.25	LAA	7	-	-	-	-
4A	CANOPY (75WG)	0.23	LAA	7	-	-	-	-
B	PROWL (3.3EC)	1.0	LAA	7	-	-	-	-
5A	CANOPY (75WG)	0.23	LAA	7	-	-	-	-
B	FRONTIER (7.5EC)	1.05	LAA	7	-	-	-	-
6A	SCEPTER (70DG)	0.093	LAA	7	-	-	-	-
B	PROWL (3.3EC)	1.0	LAA	7	-	-	-	-
7A	SCEPTER (70DG)	0.093	LAA	7	-	-	-	-
B	FRONTIER (7.5EC)	1.05	LAA	7	-	-	-	-
8A	PURSUIT (2SL)	0.063	LAA	7	-	-	-	-
9A	PURSUIT (2SL)	0.063	LAA	7	-	-	-	-
B	PROWL (3.3EC)	1.0	LAA	7	-	-	-	-
10A	UNTREATED CHECK	0.00	NA	0	-	-	-	-
11A	BROADSTRIKE+DUAL (7.67L)	2.00	LAA	7	-	-	-	-
12A	BROADSTRIKE+DUAL (7.67L)	1.75	LAA	7	-	-	-	-
13A	F6285 (75WG)	0.313	LAA	7	-	-	-	-
B	DUAL II (7.8EC)	1.8	LAA	7	-	-	-	-
14A	F6285 (75WG)	0.375	LAA	7	-	-	-	-
B	DUAL II (7.8EC)	1.8	LAA	7	-	-	-	-
15A	FRONTIER (7.5EC)	0.79	LAA	7	0	97	99	80
B	PURSUIT (2SL)	0.031	LAA	10				
C	X-77	0.25	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
16A	F6285 (75WG)	0.313	LAA	7	0	95	99	99
B	PURSUIT (2SL)	0.031	LAA	10				
C	X-77	0.25	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
17A	F6285 (75WG)	0.375	LAA	7	0	98	99	99
B	PURSUIT (2SL)	0.031	LAA	10				
C	X-77	0.25	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
18A	GALAXY (3.67SL)	0.92	LAA	10	2	72	99	99
B	POAST PLUS (1EC)	0.188	LAA	10				
C	SYLGARD	0.25	PMV	10				
19A	STORM (4SL)	0.75	LAA	10	0	82	99	99
B	POAST PLUS (1EC)	0.188	LAA	10				
C	SYLGARD	0.25	PMV	10				
20A	BASAGRAN (4SL)	0.75	LAA	10	0	82	99	93
B	CLASSIC (25WG)	0.004	LAA	10				
C	POAST PLUS (1EC)	0.188	LAA	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				

TITLE: **SAND FARM NOTILL SOYBEAN WEED CONTROL**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/11	DIGSA 7/11	CCHPA 7/11	CHEAL 7/11
21A	CONCERT (25WG)	0.008	LAA	10	0	87	99	99
B	ASSURE II (0.88EC)	0.055	LAA	10				
C	COC	1.0	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
22A	REFLEX-ADJ (1EC)	0.313	LAA	10	0	98	99	99
B	FUSION (2.66EC)	0.187	LAA	10				
C	FERTILIZER - 28%UAN	2.5	PMV	10				
23A	PURSUIT (2SL)	0.063	LAA	10	0	93	99	99
B	SUNIT II	1.0	PMV	10				
C	FERTILIZER - 28%UAN	2.5	PMV	10				
24A	PURSUIT (2SL)	0.063	LAA	10	0	79	99	98
B	COBRA (2EC)	0.125	LAA	10				
C	COC	1.00	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
25A	PURSUIT (2SL)	0.063	LAA	10	0	82	99	99
B	PINNACLE (25WG)	0.002	LAA	10				
C	X-77	0.25	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
26A	COBRA (2EC)	0.125	LAA	10	0	97	99	88
B	SELECT (2EC)	0.094	LAA	10				
C	COC	1.00	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
LSD (0.05)					1	10	1	10

- TREATMENTS NOT EVALUATED AT 7-11 EVALUATION.

TITLE: SAND FARM NOTILL SOYBEAN POSTEMERGENCE WEED CONTROL

SOIL INFORMATION

TEXTURE: S
 PH: 6.5
 % OM: 0.5
 PREV.CROP: GLXMA-SOYBEAN
 PLOT WIDTH: 10.00 FT
 PLOT LENGTH: 35.00 FT

TRIAL INFORMATION

DESIGN: RCB
 REPS:3

APPLICATIONS

NUMBER:	/--01--\	/--02--\	UNIT
TYPE:	L	L	
APPL. DATE:	05/31	06/07	MDY
TIME - BEGIN:	02:00	09:00	
AIR TEMP.:	81	82	F°
REL. HUMID.:	55	50	
WIND DIR.:	W	NA	
WIND SPEED:	5.0	0.0	MPH
LEAF MOIST:	D	M	
ROOT MOIST:	M	M	
SOIL TEMP.:	75	77	4 INCH
METHOD:	SP	SP	
EQUIPMENT:	BAC	BAC	
PROPELLANT:	CO2	CO2	
PLACEMENT:	BC	BC	
NOZZLE:	FF	FF	
NOZZLE NUMBER:	6	6	
NOZZLE SPACING:	20.0	20.0	IN
SWATH WIDTH:	10.0	10.0	FT
BOOM HEIGHT:	20.0	20.0	IN
SPEED:	3.00	3.00	MPH
MIX SIZE:	0.50	0.50	
MIX SIZE UNIT:	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	
VOLUME UNIT:	GPA	GPA	
PRESSURE:	45.00	45.00	PSI
DILUENT:	WAT	WAT	
TIMINGS:	09	10	

* TIMING CODES
 09 = EARLY POST
 10 = POST

SPECIES STAGES

SPECIES:01 P GLXMA
COMMON NAME:SOYBEAN
TARGET:CROP
CULTIVAR:PIONEER 9312
ROW WIDTH:30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/31	11	NA	3.00	3.00	3.00 IN
06/07	12	NA	5.00	5.00	5.00 IN

SPECIES:02 P DIGSA
COMMON NAME:CRABGRASS, LARGE
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/31	12	H	0.50	1.00	0.75 IN
06/07	14	H	0.50	3.00	1.75 IN

SPECIES:03 P CHEAL
COMMON NAME:LAMBSQUARTERS, COMMON
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/31	12	M	1.00	1.00	1.00 IN
06/07	14	M	1.00	3.00	2.00 IN

SPECIES:04 P SRTHE
COMMON NAME:WILDBEAN, TRAILING
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
05/31	11	M	3.00	3.00	3.00 IN
06/07	12	M	4.00	4.00	4.00 IN

*** STAGE CODE**

11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: SAND FARM NOTILL SOYBEAN POSTEMERGENCE WEED CONTROL

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 14DAT	DIGSA 14DAT	CHEAL 14DAT	SRTHE 14DAT
1A	GALAXY (3.67SL)	0.74	LAA	9	18	89	93	93
B	POAST PLUS (1EC)	0.141	LAA	9				
C	SYLGARD 309	0.25	PMV	9				
2A	GALAXY (3.67SL)	0.92	LAA	9	15	93	96	97
B	POAST PLUS (1EC)	0.188	LAA	9				
C	SYLGARD 309	0.25	PMV	9				
3A	CONCERT (25WG)	0.006	LAA	9	3	93	96	95
B	ASSURE II (0.8EC)	0.041	LAA	9				
C	COC	1.0	PMV	9				
D	FERTILIZER - 28%UAN	2.5	PMV	9				
4A	CONCERT (25WG)	0.008	LAA	9	17	83	93	92
B	ASSURE II (0.8EC)	0.055	LAA	9				
C	COC	1.0	PMV	9				
D	FERTILIZER - 28%UAN	2.5	PMV	9				
5A	REFLEX-ADJ (1EC)	0.25	LAA	9	13	96	97	97
B	FUSION (2.66EC)	0.156	LAA	9				
C	FERTILIZER - 28%UAN	2.5	PMV	9				
6A	REFLEX-ADJ (1EC)	0.313	LAA	9	10	97	98	96
B	FUSION (2.66EC)	0.208	LAA	9				
C	FERTILIZER - 28%UAN	2.5	PMV	9				
7A	PURSUIT (2SL)	0.043	LAA	9	7	90	90	57
B	X-77	0.25	PMV	9				
C	FERTILIZER - 28%UAN	2.5	PMV	9				
8A	PURSUIT (2SL)	0.063	LAA	9	18	93	95	50
B	X-77	0.25	PMV	9				
C	FERTILIZER - 28%UAN	2.5	PMV	9				
9A	PURSUIT (2SL)	0.043	LAA	9	23	90	95	83
B	COBRA (2EC)	0.094	LAA	9				
C	COC	1.00	PMV	9				
D	FERTILIZER - 28%UAN	2.5	PMV	9				
10A	PURSUIT (2SL)	0.063	LAA	9	25	95	96	92
B	COBRA (2EC)	0.125	LAA	9				
C	COC	1.00	PMV	9				
D	FERTILIZER - 28%UAN	2.5	PMV	9				
11A	GALAXY (3.67SL)	0.74	LAA	10	2	62	98	90
B	POAST PLUS (1EC)	0.141	LAA	10				
C	SYLGARD 309	0.25	PMV	10				
12A	GALAXY (3.67SL)	0.92	LAA	10	0	55	98	90
B	POAST PLUS (1EC)	0.188	LAA	10				
C	SYLGARD 309	0.25	PMV	10				
13A	CONCERT (25WG)	0.006	LAA	10	5	80	99	83
B	ASSURE II (0.8EC)	0.041	LAA	10				
C	COC	1.0	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
14A	CONCERT (25WG)	0.008	LAA	10	3	90	92	92
B	ASSURE II (0.8EC)	0.055	LAA	10				
C	COC	1.0	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
15A	HAND WEEDED	-	-	-	0	99	99	99

TITLE: SAND FARM NOTILL SOYBEAN POSTEMERGENCE WEED CONTROL

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 14DAT	DIGSA 14DAT	CHEAL 14DAT	SRTHE 14DAT
16A	REFLEX-ADJ (1EC)	0.25	LAA	10	3	95	95	82
B	FUSION (2.66EC)	0.156	LAA	10				
C	FERTILIZER - 28%UAN	2.5	PMV	10				
17A	UNTREATED CHECK	0.00	NA	0	0	0	0	0
18A	REFLEX-ADJ (1EC)	0.313	LAA	10	2	96	99	87
B	FUSION (2.66EC)	0.208	LAA	10				
C	FERTILIZER - 28%UAN	2.5	PMV	10				
19A	PURSUIT (2SL)	0.043	LAA	10	3	70	98	60
B	X-77	0.25	PMV	10				
C	FERTILIZER - 28%UAN	2.5	PMV	10				
20A	PURSUIT (2SL)	0.063	LAA	10	0	90	92	63
B	X-77	0.25	PMV	10				
C	FERTILIZER - 28%UAN	2.5	PMV	10				
21A	PURSUIT (2SL)	0.043	LAA	10	12	80	91	77
B	COBRA (2EC)	0.094	LAA	10				
C	COC	1.00	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
22A	PURSUIT (2SL)	0.063	LAA	10	8	93	99	83
B	COBRA (2EC)	0.125	LAA	10				
C	COC	1.00	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
23A	FUSION (2.66EC)	0.166	LAA	10	2	86	0	0
B	COC	1.0	PMV	10				
C	FERTILIZER - 28%UAN	2.5	PMV	10				
24A	FUSILADE DX (2EC)	0.188	LAA	10	2	95	0	0
B	COC	1.0	PMV	10				
C	FERTILIZER - 28%UAN	2.5	PMV	10				
25A	FUSION (2.66EC)	0.187	LAA	10	3	95	96	67
B	BASAGRAN (4SL)	0.75	LAA	10				
C	PINNACLE (25WG)	0.002	LAA	10				
D	COC	1.0	PMV	10				
E	FERTILIZER - 28%UAN	2.5	PMV	10				
26A	FUSION (2.66EC)	0.208	LAA	10	3	90	93	73
B	CONCERT (25WG)	0.008	LAA	10				
C	COC	0.5	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
27A	FUSION (2.66EC)	0.166	LAA	10	3	95	73	76
B	REFLEX-ADJ (1EC)	0.25	LAA	10				
C	FERTILIZER - 28%UAN	2.5	PMV	10				
28A	FUSION (2.66EC)	0.166	LAA	10	0	95	99	88
B	REFLEX-ADJ (1EC)	0.313	LAA	10				
C	FERTILIZER - 28%UAN	2.5	PMV	10				
29A	FUSION (2.66EC)	0.187	LAA	10	7	93	98	96
B	REFLEX (2SL)	0.25	LAA	10				
C	BASAGRAN (4SL)	0.25	LAA	10				
D	MSO	1.0	PMV	10				
E	FERTILIZER - 28%UAN	2.5	PMV	10				
30A	PURSUIT (2SL)	0.063	LAA	10	2	96	96	70
B	MSO	1.0	PMV	10				
C	FERTILIZER - 28%UAN	2.5	PMV	10				

TITLE: **SAND FARM NOTILL SOYBEAN POSTEMERGENCE WEED CONTROL**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 14DAT	DIGSA 14DAT	CHEAL 14DAT	SRTHE 14DAT
LSD	(0.05)				7	4	12	16

TITLE: **SAND FARM NOTILL SOYBEAN POSTEMERGENCE WEED CONTROL**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 30DAT	DIGSA 30DAT	CHEAL 30DAT	SRTHE 30DAT
1A	GALAXY (3.67SL)	0.74	LAA	9	2	53	98	88
B	POAST PLUS (1EC)	0.141	LAA	9				
C	SYLGARD 309	0.25	PMV	9				
2A	GALAXY (3.67SL)	0.92	LAA	9	3	47	95	80
B	POAST PLUS (1EC)	0.188	LAA	9				
C	SYLGARD 309	0.25	PMV	9				
3A	CONCERT (25WG)	0.006	LAA	9	2	67	87	73
B	ASSURE II (0.8EC)	0.041	LAA	9				
C	COC	1.0	PMV	9				
D	FERTILIZER - 28%UAN	2.5	PMV	9				
4A	CONCERT (25WG)	0.008	LAA	9	7	63	91	85
B	ASSURE II (0.8EC)	0.055	LAA	9				
C	COC	1.0	PMV	9				
D	FERTILIZER - 28%UAN	2.5	PMV	9				
5A	REFLEX-ADJ (1EC)	0.25	LAA	9	2	90	95	95
B	FUSION (2.66EC)	0.156	LAA	9				
C	FERTILIZER - 28%UAN	2.5	PMV	9				
6A	REFLEX-ADJ (1EC)	0.313	LAA	9	2	87	99	88
B	FUSION (2.66EC)	0.208	LAA	9				
C	FERTILIZER - 28%UAN	2.5	PMV	9				
7A	PURSUIT (2SL)	0.043	LAA	9	3	75	98	72
B	X-77	0.25	PMV	9				
C	FERTILIZER - 28%UAN	2.5	PMV	9				
8A	PURSUIT (2SL)	0.063	LAA	9	0	87	95	60
B	X-77	0.25	PMV	9				
C	FERTILIZER - 28%UAN	2.5	PMV	9				
9A	PURSUIT (2SL)	0.043	LAA	9	5	83	95	73
B	COBRA (2EC)	0.094	LAA	9				
C	COC	1.00	PMV	9				
D	FERTILIZER - 28%UAN	2.5	PMV	9				
10A	PURSUIT (2SL)	0.063	LAA	9	2	85	98	80
B	COBRA (2EC)	0.125	LAA	9				
C	COC	1.00	PMV	9				
D	FERTILIZER - 28%UAN	2.5	PMV	9				
11A	GALAXY (3.67SL)	0.74	LAA	10	2	38	99	87
B	POAST PLUS (1EC)	0.141	LAA	10				
C	SYLGARD 309	0.25	PMV	10				
12A	GALAXY (3.67SL)	0.92	LAA	10	0	38	99	92
B	POAST PLUS (1EC)	0.188	LAA	10				
C	SYLGARD 309	0.25	PMV	10				

TITLE: **SAND FARM NOTILL SOYBEAN POSTEMERGENCE WEED CONTROL**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 30DAT	DIGSA 30DAT	CHEAL 30DAT	SRTHE 30DAT
13A	CONCERT (25WG)	0.006	LAA	10	2	69	99	87
B	ASSURE II (0.8EC)	0.041	LAA	10				
C	COC	1.0	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
14A	CONCERT (25WG)	0.008	LAA	10	2	72	98	98
B	ASSURE II (0.8EC)	0.055	LAA	10				
C	COC	1.0	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
15A	HAND WEEDED	-	-	-	0	99	99	99
16A	REFLEX-ADJ (1EC)	0.25	LAA	10	0	95	99	89
B	FUSION (2.66EC)	0.156	LAA	10				
C	FERTILIZER - 28%UAN	2.5	PMV	10				
17A	UNTREATED CHECK	0.00	NA	0	0	0	0	0
18A	REFLEX-ADJ (1EC)	0.313	LAA	10	3	99	97	98
B	FUSION (2.66EC)	0.208	LAA	10				
C	FERTILIZER - 28%UAN	2.5	PMV	10				
19A	PURSUIT (2SL)	0.043	LAA	10	3	64	99	58
B	X-77	0.25	PMV	10				
C	FERTILIZER - 28%UAN	2.5	PMV	10				
20A	PURSUIT (2SL)	0.063	LAA	10	3	83	99	40
B	X-77	0.25	PMV	10				
C	FERTILIZER - 28%UAN	2.5	PMV	10				
21A	PURSUIT (2SL)	0.043	LAA	10	0	74	93	73
B	COBRA (2EC)	0.094	LAA	10				
C	COC	1.00	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
22A	PURSUIT (2SL)	0.063	LAA	10	2	89	99	78
B	COBRA (2EC)	0.125	LAA	10				
C	COC	1.00	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
23A	FUSION (2.66EC)	0.166	LAA	10	3	98	0	0
B	COC	1.0	PMV	10				
C	FERTILIZER - 28%UAN	2.5	PMV	10				
24A	FUSILADE DX (2EC)	0.188	LAA	10	0	93	0	0
B	COC	1.0	PMV	10				
C	FERTILIZER - 28%UAN	2.5	PMV	10				
25A	FUSION (2.66EC)	0.187	LAA	10	2	84	99	70
B	BASAGRAN (4SL)	0.75	LAA	10				
C	PINNACLE (25WG)	0.002	LAA	10				
D	COC	1.0	PMV	10				
E	FERTILIZER - 28%UAN	2.5	PMV	10				
26A	FUSION (2.66EC)	0.208	LAA	10	2	88	98	78
B	CONCERT (25WG)	0.008	LAA	10				
C	COC	0.5	PMV	10				
D	FERTILIZER - 28%UAN	2.5	PMV	10				
27A	FUSION (2.66EC)	0.166	LAA	10	0	95	80	86
B	REFLEX-ADJ (1EC)	0.25	LAA	10				
C	FERTILIZER - 28%UAN	2.5	PMV	10				

TITLE: **SAND FARM NOTILL SOYBEAN POSTEMERGENCE WEED CONTROL**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 30DAT	DIGSA 30DAT	CHEAL 30DAT	SRTHE 30DAT
28A	FUSION (2.66EC)	0.166	LAA	10	0	93	95	93
B	REFLEX-ADJ (1EC)	0.313	LAA	10				
C	FERTILIZER - 28%UAN	2.5	PMV	10				
29A	FUSION (2.66EC)	0.187	LAA	10	0	89	99	95
B	REFLEX (2SL)	0.25	LAA	10				
C	BASAGRAN (4SL)	0.25	LAA	10				
D	MSO	1.0	PMV	10				
E	FERTILIZER - 28%UAN	2.5	PMV	10				
30A	PURSUIT (2SL)	0.063	LAA	10	0	87	98	70
B	MSO	1.0	PMV	10				
C	FERTILIZER - 28%UAN	2.5	PMV	10				
LSD	(0.05)				4	18	11	20

TITLE: SAND FARM SOYBEAN PREEMERGENCE AND POSTEMERGENCE

SOIL INFORMATION

TEXTURE: S
 PH: 6.5
 % OM: 0.5
 PREV.CROP: GLXMA-SOYBEAN
 PLOT WIDTH: 10.00 FT
 PLOT LENGTH: 25.00 FT

TRIAL INFORMATION

DESIGN: RCB
 REPS: 3

APPLICATIONS

NUMBER:	/--01--\	/--02--\	/--03--\	UNIT
TYPE:	L	L	L	
APPL. DATE:	05/13	06/07	06/14	MDY
TIME - BEGIN:	10:30	11:30	10:30	
AIR TEMP.:	80	90	93	F°
REL. HUMID.:	50	50	55	
WIND DIR.:	SE	W	SW	
WIND SPEED:	3.0	3.0	7.0	MPH
SKY COND.:	SE	W	SW	
LEAF MOIST:	D	D	D	
ROOT MOIST:	M	M	M	
SOIL TEMP.:	68	74	75	4 INCH
METHOD:	SP	SP	SP	
EQUIPMENT:	BAC	BAC	BAC	
PROPELLANT:	CO2	CO2	CO2	
PLACEMENT:	BC	BC	BC	
NOZZLE:	FF	FF	FF	
NOZZLE NUMBER:	6	6	6	
NOZZLE SPACING:	20.0	20.0	20.0	IN
SWATH WIDTH:	10.0	10.0	10.0	FT
BOOM HEIGHT:	20.0	20.0	20.0	IN
SPEED:	3.00	3.00	3.00	MPH
MIX SIZE:	0.36	0.36	0.36	
MIX SIZE UNIT:	GAL	GAL	GAL	
SPRAY VOLUME:	20.00	20.00	20.00	
VOLUME UNIT:	GPA	GPA	GPA	
PRESSURE:	32.00	46.00	46.00	PSI
DILUENT:	WAT	WAT	WAT	
TIMINGS:	07	10	11	

* TIMING CODES
 07 = PRE
 10 = POST
 11 = LATE POST

SPECIES STAGES

SPECIES:01 P GLXMA
COMMON NAME:SOYBEAN
TARGET:CROP
CULTIVAR:PIIONEER 9312
ROW WIDTH:30.0 IN

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/07	12	NA	4.00	4.00	4.00 IN
06/14	13	NA	6.00	6.00	6.00 IN

SPECIES:02 P DIGSA
COMMON NAME:CRABGRASS, LARGE
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/07	12	H	0.5	2.00	1.25 IN
06/14	14	H	1.00	3.00	2.00 IN

SPECIES:03 P CCHPA
COMMON NAME:SANDBUR, LONGSPINE
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/07	12	M	1.00	2.00	1.50 IN
06/14	14	M	2.00	3.00	2.50 IN

SPECIES:04 P IPOHE
COMMON NAME:MORNINGGLORY, IVYLEAF
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/07	13	M	1.00	3.00	2.00 IN
06/14	15	M	2.00	3.00	2.50 IN

SPECIES:05 P TRBTE
COMMON NAME:PUNCTUREVINE
TARGET:PEST

STAGE ON	STAGE CODE	POP.GEN.	MN SIZE	MX SIZE	AV SIZE
06/07	15	M	1.00	1.00	1.00 IN
06/14	17	M	2.00	2.00	2.00 IN

* STAGE CODE

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
NA = NOT APPLICABLE / NOT AVAILABLE

TITLE: SAND FARM SOYBEAN PREEMERGENCE AND POSTEMERGENCE

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 10DAT	DIGSA 10DAT	CCHPE 10DAT	IPOHE 10DAT	TRBTE 10DAT
1A	FRONTIER (7.5EC)	1.05	LAA	7	0	98	95	70	78
B	CANOPY (75WG)	0.23	LAA	7					
2A	DUAL II (7.8EC)	1.6	LAA	7	0	97	94	75	87
B	CANOPY (75WG)	0.23	LAA	7					
3A	FRONTIER (7.5EC)	1.05	LAA	7	0	97	88	40	78
B	BASAGRAN (4SL)	0.75	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
4A	DUAL II (7.8EC)	1.6	LAA	7	0	97	90	37	65
B	BASAGRAN (4SL)	0.75	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
5A	DUAL II (7.8EC)	1.2	LAA	7	0	97	95	77	93
B	PURSUIT (2SL)	0.063	LAA	7					
6A	PURSUIT PLUS (2.9EC)	0.94	LAA	7	0	98	96	95	95
7A	PROWL (3.3EC)	0.5	LAA	7	0	96	95	65	92
B	PURSUIT (2SL)	0.063	LAA	10					
C	X-77	0.25	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
8A	UNTREATED CHECK	-	-	-	0	0	0	0	0
9A	REFLEX (2SL)	0.25	LAA	10	3	98	97	62	94
B	COC	1.0	PMV	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	FUSION (2.66EC)	0.187	LAA	11					
E	COC	1.0	PMV	11					
10A	REFLEX (2SL)	0.313	LAA	10	7	98	98	67	92
B	COC	1.0	PMV	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	FUSION (2.66EC)	0.187	LAA	11					
E	COC	1.0	PMV	11					
11A	REFLEX-ADJ (1EC)	0.25	LAA	10	0	96	95	65	93
B	FERTILIZER - 28%UAN	2.5	PMV	10					
C	FUSION (2.66EC)	0.187	LAA	11					
D	COC	1.0	PMV	11					
12A	REFLEX-ADJ (1EC)	0.25	LAA	10	10	99	98	83	97
B	PINNACLE (25WG)	0.002	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	FUSION (2.66EC)	0.187	LAA	11					
E	COC	1.0	PMV	11					
13A	REFLEX-ADJ (1EC)	0.25	LAA	10	10	98	98	73	96
B	BASAGRAN (4SL)	0.25	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	FUSION (2.66EC)	0.187	LAA	11					
E	COC	1.0	PMV	11					
14A	REFLEX-ADJ (1EC)	0.25	LAA	10	7	95	96	73	95
B	BASAGRAN (4SL)	0.5	LAA	10					
C	COC	1.0	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
E	FUSION (2.66EC)	0.187	LAA	11					
F	COC	1.0	PMV	11					
15A	UNTREATED CHECK	-	-	-	0	0	0	0	0

TITLE: SAND FARM SOYBEAN PREEMERGENCE AND POSTEMERGENCE

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 10DAT	DIGSA 10DAT	CCHPE 10DAT	IPOHE 10DAT	TRBTE 10DAT
16A	PURSUIT (2SL)	0.063	LAA	10	7	98	97	73	94
B	SUNIT II	1.0	PMV	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	FUSION (2.66EC)	0.187	LAA	11					
E	COC	1.0	PMV	11					
17A	CONCERT (25WG)	0.008	LAA	10	3	95	95	67	93
B	X-77	0.25	PMV	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	FUSION (2.66EC)	0.187	LAA	11					
E	COC	1.0	PMV	11					
18A	GALAXY (3.67SL)	0.92	LAA	10	3	88	92	43	90
B	FERTILIZER - 28%UAN	2.5	PMV	10					
C	FUSION (2.66EC)	0.187	LAA	11					
D	COC	1.0	PMV	11					
LSD	(0.05)				9	4	5	14	7

TITLE: SAND FARM SOYBEAN PREEMERGENCE AND POSTEMERGENCE

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/11	DIGSA 7/11	CCHPE 7/11	IPOHE 7/11	TRBTE 7/11
1A	FRONTIER (7.5EC)	1.05	LAA	7	0	96	89	58	68
B	CANOPY (75WG)	0.23	LAA	7					
2A	DUAL II (7.8EC)	1.6	LAA	7	0	96	93	63	83
B	CANOPY (75WG)	0.23	LAA	7					
3A	FRONTIER (7.5EC)	1.05	LAA	7	0	96	89	58	78
B	BASAGRAN (4SL)	0.75	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
4A	DUAL II (7.8EC)	1.6	LAA	7	0	97	94	63	92
B	BASAGRAN (4SL)	0.75	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
5A	DUAL II (7.8EC)	1.2	LAA	7	0	96	92	53	91
B	PURSUIT (2SL)	0.063	LAA	7					
6A	PURSUIT PLUS (2.9EC)	0.94	LAA	7	0	97	95	80	93
7A	PROWL (3.3EC)	0.5	LAA	7	0	98	95	57	96
B	PURSUIT (2SL)	0.063	LAA	10					
C	X-77	0.25	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
8A	UNTREATED CHECK	-	-	-	0	0	0	0	0
9A	REFLEX (2SL)	0.25	LAA	10	0	99	97	30	97
B	COC	1.0	PMV	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	FUSION (2.66EC)	0.187	LAA	11					
E	COC	1.0	PMV	11					
10A	REFLEX (2SL)	0.313	LAA	10	0	99	99	48	96
B	COC	1.0	PMV	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	FUSION (2.66EC)	0.187	LAA	11					
E	COC	1.0	PMV	11					

TITLE: **SAND FARM SOYBEAN PREEMERGENCE AND POSTEMERGENCE**

TRT NUM	COMPOUND TESTED	RATE	UNIT	TM	INJ 7/11	DIGSA 7/11	CCHPE 7/11	IPOHE 7/11	TRBTE 7/11
11A	REFLEX-ADJ (1EC)	0.25	LAA	10	0	99	98	42	98
B	FERTILIZER - 28%UAN	2.5	PMV	10					
C	FUSION (2.66EC)	0.187	LAA	11					
D	COC	1.0	PMV	11					
12A	REFLEX-ADJ (1EC)	0.25	LAA	10	0	99	99	58	96
B	PINNACLE (25WG)	0.002	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	FUSION (2.66EC)	0.187	LAA	11					
E	COC	1.0	PMV	11					
13A	REFLEX-ADJ (1EC)	0.25	LAA	10	0	99	99	50	93
B	BASAGRAN (4SL)	0.25	LAA	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	FUSION (2.66EC)	0.187	LAA	11					
E	COC	1.0	PMV	11					
14A	REFLEX-ADJ (1EC)	0.25	LAA	10	0	97	97	50	92
B	BASAGRAN (4SL)	0.5	LAA	10					
C	COC	1.0	PMV	10					
D	FERTILIZER - 28%UAN	2.5	PMV	10					
E	FUSION (2.66EC)	0.187	LAA	11					
F	COC	1.0	PMV	11					
15A	UNTREATED CHECK	-	-	-	0	0	0	0	0
16A	PURSUIT (2SL)	0.063	LAA	10	0	96	95	58	93
B	SUNIT II	1.0	PMV	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	FUSION (2.66EC)	0.187	LAA	11					
E	COC	1.0	PMV	11					
17A	CONCERT (25WG)	0.008	LAA	10	0	97	98	30	95
B	X-77	0.25	PMV	10					
C	FERTILIZER - 28%UAN	2.5	PMV	10					
D	FUSION (2.66EC)	0.187	LAA	11					
E	COC	1.0	PMV	11					
18A	GALAXY (3.67SL)	0.92	LAA	10	0	82	91	23	86
B	FERTILIZER - 28%UAN	2.5	PMV	10					
C	FUSION (2.66EC)	0.187	LAA	11					
D	COC	1.0	PMV	11					
LSL	(0.05)				0	5	4	19	6

Multi-species evaluation of preplant incorporated, preemergence, and postemergence herbicides. Baird, Dale L., Ellery L. Knake, Lyle E. Paul, and Ronald W. Heisner. The purpose of this study was to evaluate crop tolerance and herbicide efficacy for herbicides applied preplant incorporated, preemergence, and postemergence. The study included most all common crops and many weeds that are important to Illinois agriculture.

Location: DeKalb SW700 Soil pH: 6.3 Planting date: May 17, 1994
 Plot size: 10 X 150 ft Soil type: Drummer silty Row spacing: 30 inch and
 Drainage: fair clay loam 5 ft
 Organic matter: 5 to 6% Slope: 1 to 2%

Fertility: 120 lb/A of potash was applied on September 10, 1993.
 180 lb/A of urea was applied May 23, 1994.

Tillage: The area was moldboard plowed on October 26, 1993; a John Deere mulch finisher was used once on April 6, and again on May 16, 1994; and a field cultivator was used to incorporate herbicide on May 17, 1994.

A tractor mounted compressed air sprayer was used traveling 3 mph with 30 psi and 8004 flat fan nozzle tips to give 25 gpa. Width of spray was ten feet with nozzles spaced 20 inches apart and 20 inches above the soil surface.

Date:	May 17, 1994	May 17, 1994	June 17, 1994
Time:	8 am	3 pm	9:00 am
Treatment:	Preplant incorporated	Preemergence	Postemergence

Temperature (F)			
air:	50	68	84
soil under sod			
4 inches:	52	59	73
Soil moisture:	moist	moist	moist
Wind (mph):	11 NE	12 NE	3 SSE
Sky (% overcast):	clear	clear	clear
Relative humidity:	62%	19%	70%
Rainfall (inch)			
previous week:	0.12	0.12	1.57
following week:	0.31	0.31	5.06

No species were emerged on May 17. The following were present on June 17, 1994.

Corn		Giant foxtail		Yellow foxtail	
leaf no.	5	leaf no.	5	leaf no.	5
height (inch)	20	height (inch)	8	height (inch)	8
Soybean		Redroot pigweed		Green foxtail	
leaf no.	4th trif	leaf no.	8	leaf no.	4
height (inch)	9	height (inch)	5	height (inch)	8
Oat		Common lambsquarters		Jimsonweed	
leaf no.	5	leaf no.	many	leaf no.	8
height (inch)	11	height (inch)	3	height (inch)	7
Wheat		Velvetleaf		Barnyardgrass	
leaf no.	5	leaf no.	7	leaf no.	4
height (inch)	9	height (inch)	6	height (inch)	8
Alfalfa		Pennsylvania smartweed		Large crabgrass	
leaf no.	2	leaf no.	8	leaf no.	4
height (inch)	2	height (inch)	4	height (inch)	2
Red clover		Cocklebur		Prostrate pigweed	
leaf no.	2	leaf no.	6	leaf no.	many
height (inch)	2	height (inch)	6	height (inch)	3

The following adjuvants were used. 28% N is a mixture of urea and ammonium nitrate used at the rate 0.3.0% v/v. X-77 is a nonionic surfactant from Valent used at 0.25% v/v. Dash is a surfactant from BASF used at 1% v/v. COC is crop oil concentrate with 83% paraffin base petroleum oil, 16% surfactant, and 1% inert used at 0.8% v/v.

Before spraying on June 17, each 10 ft. strip was scouted for weeds present. In the tables a dash [-] indicates that species was not present when the plot was sprayed. The entire plot was evaluated on June 27, 1994, ten days after last treatments were applied. A few of the ratings may have been influenced by residual of herbicides from the previous year, movement of herbicide during incorporation, or drift.

(Dept. of Agronomy, University of Illinois, Urbana.)

Table 1. Multi-species evaluation of preplant incorporated, preemergence, and postemergence herbicides (Baird, Knake, Paul, and Heisner).

Treatment	Rate	Pioneer	Pioneer	KI	FS	IPSA									
		3417	3417TR	8692IT	466PT	1943	2889	4051	4335	6805	6891	8390	9122		
	(lb/a.i.)	injury													
		%	%	%	%	%	%	%	%	%	%	%	%	%	
<u>Preplant Incorporated</u>															
Treflan	1.000	30	30	35	30	40	40	45	40	40	40	45	45		
Command	1.250	30	50	30	20	35	35	40	40	30	40	45	40		
Commence	1.000 & 0.750	50	45	30	20	50	30	45	45	30	45	45	40		
Eradicame Extra	4.500	10	10	5	2	15	10	10	15	12	15	12	15		
Broadstrike + Treflan	0.070 & 0.956	15	15	5	0	20	15	40	35	35	35	40	35		
<u>Preemergence</u>															
Broadstrike + Dual	0.060 & 2.241	5	10	0	5	10	0	10	30	10	15	10	10		
Frontier	1.500	10	15	0	0	10	5	5	10	0	10	15	0		
Guardzman	1.500 & 1.719	15	20	0	0	15	5	5	5	5	10	15	5		
Micro-Tech	3.000	5	0	0	0	5	5	5	0	5	5	5	5		
Bullet	2.500 & 1.500	5	5	0	0	10	0	5	0	5	5	5	5		
Dual II	2.765	10	5	0	0	5	5	5	0	5	5	0	5		
Biocep II	2.228 & 1.842	5	5	0	0	10	5	10	10	5	5	5	5		
Untreated check		0	0	0	0	0	0	0	0	0	0	0	0		
Surpass	2.160	10	10	5	5	15	5	15	15	10	0	0	10		
Surpass 100	2.160 & 1.440	15	15	10	10	15	7	20	15	15	0	0	12		
Harness Plus	2.188	20	10	10	5	10	5	10	10	10	0	0	5		
Prowl	1.134	0	0	5	5	5	0	5	5	5	2	2	5		
Atrazine	1.980	0	0	0	0	5	0	0	0	5	0	0	0		
Bladex	3.780	0	0	0	0	5	0	5	0	0	0	0	0		
Extrazine II	3.173 & 1.058	0	0	0	0	0	0	5	0	0	0	0	0		
Pursuit Plus	0.063 & 0.850	0	0	0	0	5	0	5	0	0	0	0	0		
Sencor/Lexone	0.500	0	0	0	0	0	0	0	0	0	0	0	0		
Canopy	0.480 & 0.080	0	0	0	5	0	0	0	0	0	0	0	0		
Battalion	0.075	0	0	5	0	0	0	0	0	0	0	0	0		
Sulfentrazone (F6285)	0.375	0	0	0	0	5	0	2	0	0	0	2	0		
<u>Postemergence</u>															
Pursuit + 28% N + X-77	0.063	20	10	0	0	40	40	50	30	40	40	40	40		
Permit + X-77	0.031	0	0	0	0	5	5	10	10	5	10	10	10		
Buctril + Atrazine	0.250 & 0.500	0	0	0	0	7	5	10	10	10	7	5	5		
Laddok + 28% N + Dash	0.531 & 0.531	20	20	5	5	5	5	5	5	5	5	5	5		
Basagran + COC	0.750	0	0	0	0	10	0	5	0	0	0	0	0		
Blazer + 28% N + X-77	0.375	20	20	20	25	40	25	25	25	25	30	25	25		
Poast Plus + 28% N + Dash	0.188	95	95	99	99	99	95	99	95	99	99	99	99		
Untreated check		0	0	0	0	0	0	0	0	0	0	0	0		
Option + X-77	0.109	99	99	99	99	99	99	99	99	99	99	99	99		
Cobra + 28% N	0.195	30	30	30	30	40	35	40	35	30	40	40	35		
Fusion + COC	0.125 & 0.041	99	99	99	99	99	99	99	99	99	99	99	99		
Accent + COC	0.031	0	0	0	0	10	5	5	10	10	10	5	5		
Beacon + X-77	0.036	5	5	0	5	5	5	15	10	15	15	5	5		
Peak + COC	0.036	5	0	5	0	15	10	13	13	13	15	5	5		
Tough	0.938	5	5	0	5	10	5	10	5	10	10	7	5		
Classic + 28% N + X-77	0.010	40	10	15	20	60	50	50	50	55	50	50	50		
Synchrooy + 28% N + COC	0.006 & 0.002	35	15	10	15	60	45	55	50	50	50	45	50		
Concert + 28% N + X-77	0.004 & 0.004	40	15	15	15	55	40	50	50	50	50	50	50		
Resource + COC	0.027	30	15	15	12	40	10	15	15	15	15	15	15		
Reflex + 28% N + X-77	0.375	45	45	40	45	50	35	35	30	35	40	35	40		
Assure II + COC	0.055	99	99	99	99	99	99	99	99	99	99	99	99		
Marksmen	0.481 & 0.919	20	15	10	0	10	5	20	10	10	5	10	10		
Select + COC	0.125	99	99	99	99	99	99	99	99	99	99	99	99		
Butyrac	0.200	10	10	0	10	15	10	15	5	10	5	5	10		
Banvel	0.500	15	10	5	5	15	10	10	10	10	5	5	10		

Table 2. Multi-species evaluation of preplant incorporated, preemergence, and postemergence herbicides (Baird, Knake, Paul, and Heisner).

Treatment	Rate	Soybean Varieties									
		Hack	Jack	Pioneer 9273	Asgrow A3237	Asgrow A3304STS	Ruby Clover	Red Vernal Alfalfa	Cardinal Wheat	Ogle Oats	injury
	(lb/a.i.)	%	%	%	%	%	%	%	%	%	%
<u>Preplant Incorporated</u>											
Treflan	1.000	3	3	4	3	3	99	75	90	90	
Command	1.250	5	0	0	0	0	99	90	90	90	
Commence	1.000 & 0.750	0	0	2	0	0	95	75	85	88	
Eradicane Extra	4.500	90	90	90	90	90	99	70	95	93	
Broadstrike + Treflan	0.070 & 0.956	2	3	3	2	2	95	80	80	70	
<u>Preemergence</u>											
Broadstrike + Dual	0.060 & 2.241	0	0	0	0	0	99	60	0	0	
Frontier	1.500	0	0	2	0	0	99	10	0	0	
Guardman	1.500 & 1.719	0	0	0	0	0	99	99	0	0	
Micro-Tech	3.000	0	0	0	0	0	99	50	2	0	
Bullet	2.500 & 1.500	0	0	0	0	0	99	99	5	0	
Dual II	2.765	0	0	0	0	0	99	60	0	0	
Bicep II	2.228 & 1.842	10	5	0	0	0	99	99	15	0	
Untreated check		0	0	0	0	0	0	0	0	0	
Surpass	2.160	0	0	0	0	0	99	40	20	0	
Surpass 100	2.160 & 1.440	2	2	0	0	0	99	99	25	0	
Harness Plus	2.188	0	0	0	0	0	99	50	20	0	
Prowl	1.134	0	0	0	0	0	99	60	0	0	
Atrazine	1.980	0	0	2	0	0	99	99	30	50	
Bladex	3.780	0	0	3	0	0	99	85	30	40	
Extrazine II	3.173 & 1.058	0	0	2	0	0	99	99	30	30	
Pursuit Plus	0.063 & 0.850	0	0	0	0	0	99	50	20	0	
Sencor/Lexone	0.500	0	0	0	0	0	99	99	20	10	
Canopy	0.480 & 0.080	0	0	0	0	0	99	99	20	10	
Battalion	0.075	0	0	0	0	0	99	80	10	10	
Sulfentrazone (F6285)	0.375	0	0	0	0	0	99	80	5	10	
<u>Postemergence</u>											
Pursuit + 28% N + X-77	0.063	5	0	5	0	0	99	50	80	70	
Permit + X-77	0.031	90	90	90	90	10	99	85	0	0	
Buctril + Atrazine	0.250 & 0.500	95	90	90	90	90	99	99	40	40	
Laddok + 28% N + Dash	0.531 & 0.531	95	90	90	90	90	99	99	50	50	
Basagran + COC	0.750	15	10	10	10	10	99	50	0	0	
Blazer + 28% N + Dash	0.375	17	12	15	15	15	90	65	50	60	
Poast Plus + 28% N + Dash	0.188	5	5	5	5	5	50	30	80	75	
Untreated check		0	0	0	0	0	0	0	0	0	
Option + X-77	0.109	4	0	3	0	0	99	99	80	10	
Cobra + 28% N	0.195	20	15	15	15	15	80	80	10	10	
Fusion + COC	0.125 & 0.041	2	0	2	0	0	99	80	90	90	
Accent + COC	0.031	65	40	40	40	40	99	99	85	80	
Beacon + X-77	0.036	80	70	70	70	15	99	99	80	80	
Peak + COC	0.036	90	85	85	85	80	99	99	5	10	
Tough	0.938	95	70	70	70	70	90	80	15	10	
Classic + 28% N + COC	0.010	30	15	12	15	0	90	70	70	50	
Synchrony + 28% N + COC	0.006 & 0.002	25	15	12	12	2	90	30	70	50	
Concert + 28% N + X-77	0.004 & 0.004	15	5	5	10	0	90	50	65	50	
Resource + COC	0.027	15	5	5	5	5	30	20	10	10	
Reflex + 28% N + X-77	0.375	15	7	7	10	7	40	30	25	30	
Assure II + COC	0.055	7	2	3	6	2	10	5	95	95	
Marksman	0.481 & 0.919	99	99	99	99	99	99	99	60	50	
Select + COC	0.125	10	5	10	5	5	80	80	95	90	
Butyrac	0.200	5	5	5	5	5	50	50	0	5	
Banvel	0.500	99	99	99	99	99	99	99	15	15	

Table 3. Multi-species evaluation of preplant incorporated, preemergence, and postemergence herbicides (Baird, Knake, Paul, and Heisner).

Treatment	Rate	Gift	Yeft	Grft	Lacg	Bygr	Rrpw	Prpw	Colq	Vele	Jiwe	Cocb	Pesw
		(lb/a.i.)	%	%	%	%	%	%	%	%	%	%	%
<u>Preplant Incorporated</u>													
Treflan	1.000	90	90	90	80	90	80	80	99	40	10	0	80
Commane	1.250	90	80	70	99	70	80	60	90	90	90	50	80
Commence	1.000 & 0.750	90	90	80	99	90	90	90	90	90	30	0	90
Eradican Extra	4.500	90	90	85	99	90	90	85	90	45	0	0	90
Broadstrike + Treflan	0.700 & 0.956	85	85	85	99	85	85	90	90	80	0	80	90
<u>Preemergence</u>													
Broadstrike + Dual	0.060 & 2.241	90	90	60	99	90	70	60	30	60	0	0	99
Frontier	1.500	90	90	70	80	85	70	60	30	60	0	20	-
Guardman	1.500 & 1.719	85	90	80	70	85	70	70	30	60	90	20	99
Micro-Tech	3.000	80	80	65	90	80	70	60	40	35	0	0	-
Bullet	2.500 & 1.500	80	80	70	80	70	90	90	99	80	90	30	99
Dual II	2.765	95	90	70	99	60	10	10	40	60	10	10	-
Bicep II	2.228 & 1.842	95	90	80	50	60	90	90	99	90	90	0	99
Untreated check		0	0	0	0	0	0	0	0	0	0	0	0
Surpass	2.160	90	90	70	10	70	90	90	99	90	90	0	99
Surpass 100	2.160 & 1.440	90	90	75	90	70	90	90	99	90	99	20	99
Harness Plus	2.188	95	95	90	0	90	90	95	99	90	90	40	99
Prowl	1.134	60	60	50	80	60	60	60	50	70	0	-	-
Atrazine	1.980	40	40	40	50	50	40	40	50	45	90	40	99
Bladex	3.780	60	60	60	50	70	40	40	50	80	90	10	99
Extrazine II	3.173 & 1.058	60	60	60	50	60	40	40	50	80	90	20	99
Pursuit Plus	0.063 & 0.850	80	70	60	80	70	40	40	50	60	0	0	50
Sencor/Lexone	0.500	30	30	30	40	30	30	30	99	50	0	0	99
Canopy	0.480 & 0.080	30	30	30	0	30	30	30	-	40	0	10	50
Battalion	0.075	50	40	40	10	40	40	10	50	50	20	10	99
Sulfentrazone (F6285)	0.375	40	60	60	20	60	50	20	50	60	0	0	30
<u>Postemergence</u>													
Pursuit + 28% N + X-77	0.063	80	90	90	99	90	90	50	10	95	80	80	99
Permit + X-77	0.031	40	40	40	60	-	60	30	30	95	40	90	99
Buctril + Atrazine	0.250 & 0.500	40	40	40	80	-	60	99	99	99	99	99	99
Laddok + 28% N + Dash	0.531 & 0.531	40	40	40	50	50	95	90	90	99	99	90	99
Basagran + COC	0.750	0	0	0	0	0	90	90	30	99	99	85	99
Blazer + 28% N + X-77	0.375	50	50	50	99	50	95	90	70	99	99	95	70
Poast Plus + 28% N + Dash	0.188	90	90	90	95	70	0	0	0	0	0	0	70
Untreated check		0	0	0	0	0	0	0	0	0	0	0	0
Option + X-77	0.109	90	90	90	99	90	0	0	0	0	0	0	0
Cobra + 28% N	0.195	0	0	0	10	0	95	95	30	95	95	99	30
Fusion + COC	0.125 & 0.041	95	95	95	99	95	0	0	0	0	0	0	0
Accent + COC	0.031	90	90	90	-	90	90	80	30	30	90	50	99
Beacon + X-77	0.036	50	50	50	20	50	90	90	90	95	90	90	99
Peak + COC	0.036	0	0	0	0	0	95	95	99	99	90	90	95
Tough	0.938	0	0	0	0	0	99	99	99	40	70	40	80
Classic + 28% N + COC	0.010	0	0	0	0	0	90	95	10	99	90	60	90
Synchrony + 28% N + COC	0.006 & 0.002	10	10	10	20	20	99	95	95	99	99	80	99
Concert + 28% N + X-77	0.004 & 0.004	20	20	20	20	20	99	90	-	99	90	70	-
Resource + COC	0.027	20	20	20	0	20	99	99	50	99	40	40	99
Reflex + 28% N + X-77	0.375	20	20	20	20	20	99	99	60	95	99	80	99
Assure II + COC	0.055	99	99	99	99	99	-	-	-	-	-	-	-
Marksman	0.481 & 0.919	80	80	80	85	70	99	99	90	95	99	99	99
Select + COC	0.125	90	95	95	99	90	-	-	-	-	-	-	-
Butyrac	0.200	10	10	10	10	10	50	60	-	20	20	95	30
Banvel	0.500	10	10	10	0	-	90	90	50	70	95	-	95

Evaluation of herbicides for weed control in no-till corn. Knake, Ellery L., Aaron G. Hager, Steve E. Hart, Jason W. Propst, and Donald G. Bullock. The objective of this study was to evaluate various herbicide treatments for weed control in no-till corn.

The study was located on area 261-68 at the University of Illinois Agronomy and Plant Pathology Research Farm at Urbana, Illinois on Catlin silt loam and Flanagan silt loam with 4% organic matter and 1 to 2% slope. Nitrogen fertilizer was applied on April 20, 1994, at a rate of 200 pounds per acre. On May 13, 1994, Pioneer hybrid 3394 corn was planted in 30 inch rows at a rate of 28,000 plants per acre. A carbon dioxide backpack sprayer with ten foot hand held boom was used traveling 3 mph. Preplant and knockdown treatments were sprayed with 32 psi and 8003 flat fan nozzle tips and post treatments were sprayed with 42 psi and 8002 flat fan nozzle tips to broadcast 20 gpa. Ratings were made July 18, 1994. Application dates, environmental conditions, and growth stages of plants were:

Treatment	Preplant	Post
Date	May 12, 1994	June 9, 1994
Time	2:30-3:45 pm	5:00-5:30 pm
Temperature (F)		
air	70	73
soil under sod (4 inch)	59	67
Soil moisture	moist	moist
Wind (mph)	3 NE	3 NE
Sky (% overcast)	0	95
Relative humidity (%)	42	62
Rainfall (inch)		
previous week	2.13	0.47
following week	0.15	0.16
Corn		
leaf no.	0	5
height (inch)	0.0	8.0
Giant foxtail		
leaf no.	2	6
height (inch)	1.0	4.0
Redroot pigweed		
leaf no.	0	6
height (inch)	0.0	3.5
Common lambsquarters		
leaf no.	12	15
height (inch)	1.5	3.0
Velvetleaf		
leaf no.	2	2
height (inch)	1.0	1.0
Pennsylvania smartweed		
leaf no.	6	13
height (inch)	1.5	2.0
Horseweed		
leaf no.	20	10
height (inch)	4.0	2.0

Treatments with Roundup plus 2,4-D, Extrazine II or Marksman provided good burndown of early weeds such as horseweed. With the limited rainfall following the preemergence applications, control of giant foxtail was generally not as good as with a postemergence application of Accent plus Beacon. Most treatments provided good control of redroot pigweed, common lambsquarters, Pennsylvania smartweed and eastern black nightshade. In general, treatments with only about 1.0 to 1.5 lb/A atrazine did not control velvetleaf as well as those which included Extrazine II, Marksman, Buctril, Laddok, or Peak. The Peak, preceded by Roundup plus 2,4-D and Dual II, provided excellent control of all broadleaf weeds. (Dept. of Agronomy, University of Illinois, Urbana).

Table. Evaluation of herbicides for weed control in no-till corn (Knake, Hager, Hart, Propst, and Bullock).

Treatment	Rate (lb/a.i.)	Corn	Gift	Rrpw	Colq	Vele	Pesw	Howe	Ebns	Yield
		7/18	7/18	7/18	7/18	7/18	7/18	7/18	7/18	10/5
		----- control -----								
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(bu/a)
Bicep II + COC	3.6 + 1.0%	0	60	100	62	68	99	63	100	61
Bullet + COC	4.0 + 1.0%	0	80	100	100	75	100	67	100	120
Extrazine II DF + COC	4.0 + 1.0%	0	85	100	100	100	100	100	100	138
Frontier + Marksman	1.46 + 1.4	0	78	100	100	97	100	99	100	139
Surpass + Atrazine + + COC	2.0 + 1.5 +1.0%	0	88	100	83	77	97	80	100	100
Harness Plus + Atrazine + COC	2.0 + 1.5 + 1.0%	0	87	100	99	76	100	90	100	129
Roundup + 2,4-D LVE + X-77 + Dual II/ Buctril Gel + Atrazine	0.38 + 0.5 + 0.5% + 2.0/ 0.25 + 0.5	0	82	100	100	90	100	100	100	159
Roundup + 2,4-D LVE + X-77 + Dual II/ Laddok + Dash HC	0.38 + 0.5 + 0.5% + 2.0/ 1.44 & 0.5%	0	87	100	100	95	100	100	100	159
Roundup + 2,4-D LVE + X-77/ Accent + Beacon + COC	0.38 + 0.5 + 0.5% / 0.018 + 0.018 + 1.0%	0	92	98	98	75	100	100	97	146
Roundup + 2,4-D LVE + X-77 + Dual II/ Peak + COC	0.38 + 0.5 + 0.5 + 2.0/ 0.036 + 1.0%	0	73	100	100	100	100	100	100	143
Untreated check		0	0	0	0	0	0	0	0	7
	LSD(0.05)	0	15	1	29	32	3	21	3	22

COC-crop oil concentrate with 83% paraffin base petroleum oil, 16% surfactant, and 1% inert.
 The 2,4-D LVE was a butoxyethyl ester formulation.
 The formulation of Atrazine was Aatrex 90DF.
 Peak was CGA-152005 which formerly had the trade name Exceed.

Evaluation of herbicides for weed control in no-till soybeans. Knake, Ellery L., Aaron G. Hager, Steve E. Hart, and Jason W. Propst. The objective of this study was to evaluate various herbicide treatments for weed control in no-till soybeans.

The study was located on area 261-68 at the University of Illinois Agronomy and Plant Pathology Research Farm at Urbana, Illinois on Catlin silt loam and Flanagan silt loam with 4% organic matter and 1 to 2% slope. On May 21, 1994, Williams 82 soybeans were planted in 30 inch rows at a rate of 60 pounds per acre. No fertilizer was applied since the soil was in a high state of fertility. A carbon dioxide backpack sprayer with ten foot hand held boom was used traveling 3 mph. Preplant treatments were sprayed with 32 psi and 8003 flat fan nozzle tips to broadcast 20 gpa and post treatments were sprayed with 43 psi and 8002 flat fan nozzle tips to broadcast 20 gpa. Ratings were made July 18, 1994. Application dates, environmental conditions, and growth stages of plants were:

Treatment	Preplant	Post
Date	May 12, 1994	June 25, 1994
Time	1:30-2:30 pm	7:30-8:30 am
Temperature (F)		
air	69	65
soil under sod (4 inch)	59	71
Soil moisture	moist	moist
Wind (mph)	3 NE	3 W
Sky (% overcast)	0	80
Relative humidity (%)	42	74
Rainfall (inch)		
previous week	2.13	1.04
following week	0.15	0.34
Soybeans		
leaf no.	0	5th trifoliolate
height (inch)	0.0	9.0
Giant foxtail		
leaf no.	2	7
height (inch)	1.0	10.0
Redroot pigweed		
leaf no.	0	20
height (inch)	0.0	11.0
Velvetleaf		
leaf no.	2	8
height (inch)	1.0	9.0
Common lambsquarters		
leaf no.	12	many
height (inch)	1.5	11.0
Pennsylvania smartweed		
leaf no.	6	37
height (inch)	1.5	6.0
Horseweed		
leaf no.	20	22
height (inch)	4.0	7.0

Treatments with Roundup plus 2,4-D, Poast Plus plus 2,4-D, or Canopy provided good burndown of horseweed and most other weeds. Most treatments provided good control of giant foxtail although control with Prowl tended to be a little less. Treatments with Canopy and with Concert were weak on eastern black nightshade; Command did not correct this but Pursuit did even at a reduced rate. A reduced rate of Canopy to reduce potential for residual was complemented by Command or by Pursuit followed by Select. Poast Plus, Assure II, Select or Fusilade each provided good control of giant foxtail even at a relatively late stage of growth. Pursuit preceded by Roundup plus 2,4-D provided good broad spectrum control. A reduced rate of Dual followed by Pursuit also performed well for control of both grass and broadleaf weeds. Fusilade plus Reflex preceded by Roundup plus 2,4-D performed well with the exception of velvetleaf. (Dept. of Agronomy, University of Illinois, Urbana).

Table. Evaluation of herbicides for weed control in no-till soybeans (Knake, Hager, Hart, and Propst).

Treatment	Rate (lb/a.i.)	Soybean	Gift	Rrpw	Colq	Pesw	Vele	Ebns	Howe	Yield
		7/18	7/18	7/18	7/18	7/18	7/18	7/18	7/18	10/3
		control								
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(bu/a)
Poast Plus + 2,4-D LVE	0.063 + 0.5	7	94	94	100	100	92	97	100	30
+ Dash HC/ Galaxy	+ 0.5% / 0.92									
+ Poast Plus + Sylgard	+ 0.19 + 0.25%									
Prowl + Canopy + COC	1.0 + 0.33 + 1.0%	0	93	100	89	99	100	50	95	24
Canopy + COC/	0.33 + 1.0% /	8	93	100	73	98	87	80	98	28
Assure II + COC	0.048 + 1.0%									
Roundup + 2,4-D LVE/	0.38 + 0.5 /	7	98	99	100	96	99	33	100	25
Concert + Assure II	0.008 + 0.048									
+ X-77 + 28%N	+ 0.25% + 1.0%									
Roundup + 2,4-D LVE +	0.38 + 0.5 +	0	95	99	95	99	98	100	100	36
Dual II/ Pursuit +	1.0 / 0.063 +									
X-77 + 28% N	0.25% + 1.0%									
Roundup + 2,4-D LVE +	0.38 + 0.5 +	0	92	100	100	99	87	100	99	37
Pursuit Plus	0.94									
Canopy + Command	0.233 + 0.75	2	97	100	73	100	99	50	87	38
+ COC	+ 1.0%									
Canopy + Pursuit	0.233 + 0.031	0	100	100	75	100	100	100	99	34
+ COC/ Select	+ 1.0% / 0.125									
+ COC	+ 1.0%									
Roundup + 2,4-D LVE/	0.38 + 0.5 /	3	100	100	100	92	65	100	99	42
Tornado + COC	0.44 + 1.0%									
Roundup + 2,4-D LVE/	0.38 + 0.5 /	0	98	100	99	95	99	100	100	36
Pursuit + X-77 +	0.063 + 0.25% +									
28% N	1.0%									
Untreated check		0	0	0	0	0	0	0	0	5
	LSD(0.05)	4	6	4	19	6	19	32	8	13

Dash HC - adjuvant from BASF.

The 2,4-D LVE was a butoxyethyl ester formulation.

COC-crop oil concentrate with 83% paraffin base petroleum oil, 16% surfactant, and 1% inert.

X-77 - a nonionic surfactant from Valent.

Sylgard is an adjuvant from Dow Corning with heptamethylsiloxane as the principle functioning agent.

HERBICIDES EVALUATED IN 1994

TRADE NAME	COMMON NAME	EXP. #	COMPANY
AAtrex	atrazine	--	several
Accent	nicosulfuron	DPX-V9360	Dupont
Assure II	quizalofop	DPX-Y6202-38	DuPont
Banvel	dicamba	--	Sandoz
Barricade	prodiamine	--	Sandoz
Basagran	bentazon	--	BASF
Battalion	--	MON12000 + Safener	Monsanto
Beacon	primisulfuron	CGA-136876	CIBA
Bicep	metolachlor + atrazine	--	CIBA
Bicep II	metolachlor + atrazine	--	CIBA
Bicep Lite	metolachlor + atrazine	--	CIBA
Bicep Lite II	metolachlor + atrazine	--	CIBA
Bladex	cyanazine	--	DuPont
Blazer	acifluorfen	--	BASF
Broadstrike Plus	flumetsulam + clopyralid	NAF-72	DowElanco
Broadstrike + Dual	flumetsulam + metolachlor	--	DowElanco
Broadstrike + Treflan	flumetsulam + trifluralin	XRM-5313	DowElanco
Buctril	bromoxynil	--	Rhone-Poulenc
Bullet	alachlor + atrazine	--	Monsanto
Butyrac	2,4-DB	--	Rhone-Poulenc
Cadre	imidazolinone type	AC263,222	Am Cyanamid
Canopy	chlorimuron + metribuzin	--	Dupont
Clarity	dicamba	--	Sandoz
Classic	chlorimuron-ethyl	--	DuPont
Cobra	lactofen	--	Valent
Command	clomazone	--	FMC
Commence	clomazone + trifluralin	--	FMC
Concert	chlorimuron + thifensulf.	--	Dupont
Contour	imazethapyr + atrazine	--	Am Cyanamid
Dual II	metolachlor + CGA154281	--	CIBA
Eradicane Extra	EPTC + safener + extender	--	Zeneca
Eradicane/Aceto chlor	EPTC + safener/acetochlor	--	Zeneca
Extrazine II	cyanazine + atrazine	--	Dupont
Frontier	dimethenamid	SAN-582H	Sandoz
Fusilade DX	fluazifop-butyl	--	Zeneca
Fusion	fluazifop + fenoxaprop	BRC-602	Zeneca
Galaxy	acifluorfen + bentazon	--	BASF
Gramoxone Extra	paraquat	--	Zeneca
Guardman	dimethenamid + atrazine	--	Sandoz
Harness Plus	acetochlor + safener	MON 8407	Monsanto
Ignite	glufosinate + surfactant	HOE-39866 + surf.	Hoechst-Roussel
Laddok	atraz. + bentazon	--	BASF
Lasso Micro-Tech	alachlor	--	Monsanto
Marksman	atraz. + dicamba	--	Sandoz
Option II	fenoxaprop	--	Hoechst-Roussel

-continued-

HERBICIDES EVALUATED IN 1994

TRADE NAME	COMMON NAME	EXP. #	COMPANY
Permit	--	MON12037	Monsanto
Pinnacle	thifensulf.methl	DPX-M6316	Dupont
Poast Plus	sethoxydim	--	BASF
Preview	chlorimuron + metribuz.	--	Dupont
Prowl	pendimethalin	--	Am Cyanamid
Pursuit	imazethapyr	--	Am Cyanamid
Pursuit/Atrazine	imazethapyr + atrazine	--	Am Cyanamid
Pursuit Plus	imazeth. + pendimethalin	--	Am Cyanamid
Reflex	fomesafen	--	Zeneca
Reflex-Adjuvant	fomesafen + adjuvant	--	Zeneca
Resolve	imazethapyr + dicamba	--	Am Cyanamid
Resource	flumiclorac	V-23031	Valent
Roundup	glyphosate	--	Monsanto
Salute	trifl. + metribuzin	--	Miles
Savage	2,4-D amine	--	United Ag. Prod.
Scepter	imazaquin	--	Am Cyanamid
Select	clethodim	--	Valent
Sencor	metribuzin	--	Miles
Shotgun	atrazine + 2,4-D amine	--	United Ag. Prod.
Squadron	pendim. + imazaquin	--	Am Cyanamid
Storm	bentazon + acifluorfen	--	BASF
Surpass	acetochlor + dcmd	--	Zeneca
Surpass 100	acetochlor + atrazine	--	Zeneca
Touchdown	sulfost. + trimesm.	--	Zeneca
Tough	pyridate	--	Cedar
Treflan	trifluralin	--	DowElanco
Turbo	metol. + metribuzin	--	Miles
--	2,4-D	--	Rhone-Poulenc
--	imazethapyr type	AC299,263	Am Cyanamid
--	insecticide	AC513,918	Am Cyanamid
--	bentazon + 2,4-D	BSF-720	BASF
Exceed	prosulfuron	CGA 152005	CIBA
--	--	CGA 248757	CIBA
--	sulfentrazone	F6285	FMC
--	acetochlor + dcmd (encaps)	ICIA-5676	Zeneca
Synchrony	chlorimuron + thifensulf.	DPX-KU253-12	Dupont
--	flumets. + clopyr. + 2,4-D	NAF-73	DowElanco
--	dicamba	SAN-821H	Sandoz
--	dicamba	SAN-845	Sandoz
--	dicamba + metribuzin	SAN-1297	Sandoz
TRA0047	pyridate + 2,4-D	CL-12150	Cedar
TRA0048	pyridate + atrazine	CL-14788	Cedar

APPENDIX B

ADDITIVES EVALUATED IN 1994

ADDITIVE	CLASSIFICATION	COMPANY
Activate Plus	surfactant	Riverside/Terra
Activator 90	surfactant	Loveland Industries
ATPlus	surfactant	BASF
Cayuse	surfactant	Wilbur-Ellis
Cayuse Plus	surfactant	Wilbur-Ellis
Century	surfactant	Precision Labs
COC	petroleum crop oil concentrate	Terra(PrimeOil)
Dash HC	oil + surfactant	BASF
Dyne-Amic	surfactant	Helena
Freeway	surfactant	United Ag. Prod.
Hen002.94	surfactant	Henkel
Herbimax	oil + surfactant + adjuvant	United Ag. Prod.
HM9121A	surfactant	Helena
HM9207A	surfactant	Helena
Kinetic	surfactant	Helena
Li 700	surfactant	United Ag. Prod.
Meth-Oil	methylated seed oil + surfactant	Terra
MSO	methylated seed oil + surfactant	United Ag. Prod.
Pen-A-trate II	surfactant	Precision Labs
Prime Oil	petroleum crop oil concentrate	Terra
Quest	surfactant	Helena
R-11	surfactant	Wilbur-Ellis
Scoil	methylated seed oil + surfactant	Agsco
Silkin	surfactant	Terra
Silwet L-77	surfactant	United Ag. Prod.
Solubor	additive	BASF
Soywet	surfactant	United Ag. Prod.
Sunit II	methylated seed oil + surfactant	American Cyanamid
Superb	surfactant	Wilbur-Ellis
Sylgard 309	surfactant	Wilbur-Ellis
WE10941	surfactant	Wilbur-Ellis
WE10942	surfactant	Wilbur-Ellis
21% Ammonium sulfate	nitrogen additive	several
28% N	fluid fertilizer	several
X-77	surfactant	United Ag. Prod.

APPENDIX C

HERBICIDE LOCATER INDEX

TRADE NAME	PAGE OF STUDY
Atrazine	3,25,30,42,57,62,65,69,73,78,83,89,219,225,238,241,246,277,283,292,310,318
Accent	10,33,47,67,69,87,89,225,241,277,310,318
Assure II	99,111,117,155,174,179,191,208,250,258,264,270,299,306,324,332
Banvel	38
Barricade	318
Basagran	105,126,145,150,163,174,179,184,191,208,250,258,275,299,324,332,339
Battalion	10,30,57,225,238,241,277,283,292,296,310
Beacon	33,47,67,69,73,78,89,117,241,246,270,318
Bicep	219
Bicep II	3,10,18,25,30,33,38,42,225,241,277,283,292,296,310,318
Bicep Lite	18,33
Bicep Lite II	33
Bladex	33,42,62,219
Blazer	126,145,150,174,184,275
Broadstrike Plus	10,25,30,38,57,225,238,241,277,283,292,296,310
Broadstrike + Dual	10,25,30,33,38,65,93,99,111,115,219,225,241,250,277,283,292,296,299,310,324
Broadstrike + Treflan	111
Buctril	25,42,47,52,67,73,78,83,89,241,277
Bullet	3,10,25,65,219,241,283,292,296,310,318
Butyrac (2,4-DB)	174
Cadre	57,238

-continued-

HERBICIDE LOCATER INDEX

TRADE NAME	PAGE OF STUDY
Canopy	93,99,111,115,219,250,299,324,339
Clarity	10,33,38,42,47,67,69,73,78,83,89,225,241,246,277,292,310,318
Classic	117,174,191,208,270,299,324
Cobra	126,145,150,155,163,174,184,191,258,264,270,299,306,324,332
Command	99,111,250,299
Concert	111,117,155,174,179,184,191,208,250,258,264,270,299,306,324,332,339
Contour	47
Dual II	1,3,10,21,23,25,30,33,38,42,57,65,69,93,99,111,115,219,225,233,235,238,241,250,277,283,288,290,292,296,299,310,316,324,339
Eradicane Extra	25
Eradicane/Aceto chlor	25,296
Extrazine II	3,10,18,25,30,33,38,42,225,241,277,283,292,310
Frontier	1,3,10,21,23,25,30,38,42,47,89,93,219,225,233,235,241,277,283,288,290,292,296,299,310,316,318,324,339
Fusilade DX	332
Fusion	105,155,174,208,250,258,264,299,306,324,332,339
Galaxy	99,105,111,115,117,155,161,174,184,191,198,202,208,258,264,270,299,306,324,332,339
Gramoxone Extra	3,18,105,283
Guard sman	3,10,25,30,38,225,241,277,283,292,296,310,318
Harness Plus	1,10,21,23,25,30,33,225,233,235,241,277,283,288,290,292,296,310,316
Ignite	62,131,134,215,219

-continued-

HERBICIDE LOCATER INDEX

TRADE NAME	PAGE OF STUDY
Laddok	33,73,78,83,241
Lasso Micro-Tech	10,21,23,25,30,115,141,233,235,288,290,310,316,324
Marksman	10,25,33,38,42,69,73,78,83,89,219,225,241,246,292
Option II	131,191
Permit	10,25,33,57,69,73,89,117,238,241,246,270,277,310
Pinnacle	117,174,179,184,191,208,258,270,299,324,332,339
Poast Plus	105,117,138,141,155,161,174,179,202,208,250,258,264, 270,299,306,324,332
Preview	219
Prowl	42,47,99,105,111,145,150,184,250,299,318,324,339
Pursuit	42,47,52,57,99,105,111,115,117,122,126,131,134,150, 155,161,163,168,184,191,208,219,238,250,258,264,270, 275,299,306,324,332,339
Pursuit Plus	47,111,115,219,339
Reflex	105,145,150,174,208,250,339
Reflex-Adjuvant	155,208,258,264,299,306,324,332,339
Resource	78,89,126,184,241,246,275
Roundup	10,18,93,99,105,122,126,225,250,273,275,277,299
Salute	111
Savage	69
Scepter	99,299,324
Select	184,191,250,258,299,324
Sencor	78,83,105,111,115,219,241,250
Shotgun	69

-continued-

HERBICIDE LOCATER INDEX

TRADE NAME	PAGE OF STUDY
Squadron	93
Storm	174,299
Surpass	3,10,21,23,25,30,38,65,225,233,235,241,283,288,290, 292,296,310,316
Surpass100	3,25,38,277,283,292,296,310
Touchdown	105,250
Tough	69,78
Treflan	111,138
Turbo	115,250
2,4-D	3,10,69,78,105,219,225,241,250,277,283
AC299,263	161,163
AC513,918	67
BSF-720	83,241
CGA 152005 (Exceed)	33,47,57,69,73,78,89,117,238,241,246,270,277,310
CGA 248757	33,73,78,184,246
F6285	99,111,115,250,299,324
ICIA-5676	3,283
KU253 (Synchrony)	117,270
NAF-73	73,89,241,277,310
SAN-821H	38
SAN-845	38
SAN-1297	38
CL-12150 (TRA0047)	69,78
CL-14788 (TRA0048)	69,78

APPENDIX D

ADDITIVE LOCATER INDEX

ADDITIVE	PAGE OF STUDY
Activate Plus	168
Activator 90	69,87,168
ATPlus	174
Cayuse	18
Cayuse Plus	18
Century	87,202
COC	10,33,67,69,73,78,87,89,99,105,111,115,117,126,131, 138,141,155,163,184,191,208,225,241,246,250,258,264, 270,275,277,299,306,310,324,332,339
Dyne-Amic	87,202
Freeway	202
Hen002.93	87,168,202
HM9121A	87
HM9207A	168
Kinetic	117,202,270
Meth-Oil	87,105,168,202
MSO	87,168,202,332
Pen-A-trate II	168
Prime Oil	All COC's
Quest	18
R-11	18
Scoil	87
Silkin	202
Silwet L-77	87,168,202

-continued-

APPENDIX D (cont'd)

ADDITIVE LOCATER INDEX

ADDITIVE	PAGE OF STUDY
Solubor	174,198
Soywet	87,168
Sunit II	47,52,99,105,117,145,150,168,174,191,208,250,270,299, 324,339
Superb	168
Sylgard 309	105,155,168,174,202,208,250,258,264,299,306,324,332
WE10941	168
WE10942	168
21% Ammonium sulfate	105,250
28% N	10,18,33,38,42,47,52,73,78,83,99,105,111,115,117,122, 126,138,145,150,155,161,163,168,174,179,184,191,198, 202,208,225,241,246,250,258,264,270,273,275,277,292, 299,306,310,318,324,332,339
X-77	3,10,18,25,33,42,47,52,69,73,87,89,93,99,105,111,117, 122,126,155,161,163,168,174,179,184,191,208,225,241, 246,250,258,264,270,273,275,277,283,299,306,310,318, 324,332,339

APPENDIX E

CORN HERBICIDE PREMIXES

HERBICIDE	COMPONENTS	RATIO
Bicep 6L	Metolachlor + Atrazine	5:4
Bicep II 5.9L	Metolachlor / Safener + Atrazine	5:4
Bicep Lite 5L	Metolachlor + Atrazine	2:1
Bicep Lite II 4.9L	Metolachlor / Safener + Atrazine	2:1
Broadstrike + Dual 7.67E	Metolachlor + Flumetsulam	37.4:1
Broadstrike Plus 85.6WG	Clopyralid + Flumetsulam	2.7:1
Bronco 4L	Alachlor + Glyphosate	13:7
Buctril/Atrazine 3L	Bromoxynil + Atrazine	1:2
Bullet 4ME	Alachlor + Atrazine	5:3
Contour 3.38L	Imazethapyr + Atrazine	1:8
Cycle 4L	Metolachlor + Cyanazine	1:1
Extrazine II 90DF, 4L	Atrazine + Cyanazine	1:3
Guardman 5L	Dimethenamid + Atrazine	7:8
Laddok 3.3L	Bentazon + Atrazine	1:1
Lariat 4L	Alachlor + Atrazine	5:3
Marksman 3.2L	Dicamba + Atrazine	1.1:2.1
Resolve SG	Imazethapyr + Dicamba	1:3
Surpass 100 5L	Acetochlor + Atrazine	7.5:6

SOYBEAN HERBICIDE PREMIXES

HERBICIDE	COMPONENTS	RATIO
Broadstrike + Treflan 3.65E	Flumetsulam + Trifluralin	1:13.6
Canopy 75DF	Chlorimuron + Metribuzin	1:6
Commence 5.25E	Clomazone + Trifluralin	3:4
Concert 25DF	Chlorimuron + Thifensulfuron	1:1
Freedom 3E	Alachlor + Trifluralin	8:1
Fusion 2.67E	Fluazifop + Fenoxaprop	3:1
Galaxy 3.67S	Bentazon + Acifluorfen	9:2
Lorox Plus 60DG	Linuron + Chlorimuron	18.4:1
Passport 2.6E	Imazethapyr + Trifluralin	1:12
Preview 75DF	Chlorimuron + Metribuzin	1:10
Pursuit Plus 2.9E	Imazethapyr + Pendimethalin	1:13.5
Scepter O.T. 2.5E	Imazaquin + Acifluorfen	1:4
Squadron 2.33E	Imazaquin + Pendimethalin	1:6
Storm 4S	Bentazon + Acifluorfen	2:1
Synchrony STS 25DF	Chlorimuron + Thifensulfuron	10:3.4
Tornado 1.75E	Fluazifop + Fomesafen	3.75:5
Tri-Scept 3E	Imazaquin + Trifluralin	1:6
Turbo 8E	Metolachlor + Metribuzin	9:2

APPENDIX F

ADDITIVE COMBINATIONS

	<u>PENETRANT</u>			<u>N-SOURCE</u>
	<u>NIS</u>	<u>POC</u> <u>VOC</u>	<u>OTHER</u>	<u>UAN/APP/AMS</u>
<u>SOYBEAN HERBICIDES</u>				
BASAGRAN		X	X	X
BLAZER	X			X
GALAXY	X			X
STORM		X		
COBRA	X	X		X
REFLEX	X	X		X
POAST		X	X	+X
FUSILADE DX	X	X		
OPTION II	X	X		
ASSURE II	X	POC		
SCEPTER	X			
PURSUIT		X#		+X
CLASSIC	X	X		+X
PINNACLE	X	X**		+X
CONCERT	X	X**		+X
SYNCHRONY	X	X**		+X
<u>CORN HERBICIDES</u>				
BASAGRAN		X		X
LADDOK		X		X
ATRAZINE		X		
BLADEX	X*			
BANVEL	X*			
MARKSMAN	X*			
ACCENT	X or	X		X
BEACON	X or	X		X

- * = ONLY IF UNDER EXTREME DROUGHT CONDITIONS
- ** = +, OR WITH STS SOYBEANS
- + = USED ONLY IN COMBINATION WITH OTHER SURFACTANTS
- # = METHYLATED SEED OIL FURTHER INCREASES ACTIVITY
- AMS = SPRAY GRADE AMMONIUM SULFATE (21% DRY, 6 % LIQUID)
- APP = AMMONIUM POLYPHOSPHATE (10-34-0)
- NIS = NON-IONIC SURFACTANT
- OTHER = DASH, POC, VOC, OTHER COMBINATIONS
- POC = PETROLEUM OIL CONCENTRATE
- UAN = UREA AMMONIUM NITRATE (28-0-0)
- VOC = VEGETABLE OIL CONCENTRATE

3/79 7/81 16384 198
 601
 100% POLYESTER
 100% POLYESTER

INDEX OF WEED SPECIES REPORTED

ABBREVIATION	COMMON NAME	SCIENTIFIC NAME
ABUTH	Velvetleaf	<i>Abutilon theophrasti</i>
AMACH	Smooth Pigweed	<i>Amaranthus hybridus</i>
AMARE	Redroot Pigweed	<i>Amaranthus retroflexus</i>
AMBEL	Common Ragweed	<i>Ambrosia artemisiifolia</i>
AMBTR	Giant Ragweed	<i>Ambrosia trifida</i>
CCHPA	Longspine Sandbur	<i>Cenchrus longispinus</i>
CHEAL	Common Lambsquarters	<i>Chenopodium album</i>
DATST	Jimsonweed	<i>Datura stramonium</i>
DIGSA	Large Crabgrass	<i>Digitaria sanguinalis</i>
ERICA	Horseweed	<i>Conyza canadensis</i>
IPOHE	Ivyleaf Morningglory	<i>Ipomoea hederacea</i>
HIBTR	Venice Mallow	<i>Hibiscus trionum</i>
PHBPU	Tall Morningglory	<i>Ipomea purpurea</i>
POLPY	Pennsylvania Smartweed	<i>Polygonum pensylvanicum</i>
SETFA	Giant Foxtail	<i>Setaria faberi</i>
SRTRE	Trailing Wildbean	<i>Strophostyles helvola</i>
TAROF	Dandelion	<i>Taraxacum officinale</i>
TRBTE	Puncturevine	<i>Tribulis terrestris</i>
XANST	Common Cocklebur	<i>Xanthium strumarium</i>

APPENDIX H (DECODING)

* APPLICATION EQUIPMENT

BAC = BACKPACK SPRAYER

* APPLICATION METHOD

SP = SPRAY

* APPLICATION PLACE

BC = BROADCAST

* APPLICATION TYPE

L = LIQUID MIXTURE TO SPRAY

* CONCENTRATION UNITS

LG = POUNDS PER GALLON

NA = NOT APPLICABLE

PC = PERCENT

* CULT CODE

FG = FIELD GROWN

* DILUENT

WAT = WATER

* EVALUATION METHOD

% = PERCENT (0-99% SCALE)

* EVALUATION SYMPTOM

CON = CONTROL/KILL PHY = PHYTOTOXICITY

* FORMULATION TYPES

CS = CAPSULE SUSPENSION

OF = OIL MISCIBLE FLOWABLE

DF = DRY FLOWABLE

OL = OIL MISCIBLE LIQUID

DG = DISPERSIBLE GRANULE

SC = SUSPENSION CONCENTRATE

EC = EMULSIFIABLE CONCENTRATE

SL = SOLUBLE CONCENTRATE

GR = GRANULE

WG = WATER DISPERSIBLE GRANULE

L = LIQUID

WP = WETTABLE POWDER

NA = NOT APPLICABLE

XX = OTHER

* INCORPORATION EQUIPMENT

CFD = FAST FINISH FIELD CULTIVATOR

* LEAF MOISTURE

D = DRY

W = WET

NA = NOT APPLICABLE

* NOZZLE

FF = FLATFAN

8002 FF = POST

8003 FF = PRE, PPI

80015 FF = 10 G.P.A.

* POPULATION DESCRIPTI

IND = INDIVIDUALS (PLANTS)

-CONTINUED-

APPENDIX H (cont'd)

* POPULATION GENERAL

H = HIGH M = MEDIUM L = LOW A = ACRE

* PROPELLANT

CO2 = COMPRESSED CO2

* RATE UNIT CODES

GAA = GRAMS ACTIVE/ACRE	NA = NOT APPLICABLE
LAA = POUNDS ACTIVE/ACRE	PMG = % MATERIAL WEIGHT/VOL
OAA = OZ (DRY) ACTIVE/ACRE	PMV = % MATERIAL VOL/VOL
OMF = OZ MAT'L/1000 FOOT ROW	PMW = % MATERIAL WT/WT

* ROOT MOISTURE

D = DRY M = MOIST W = WET

* SKY CONDITION

C = CLOUDY P = PARTLY CLOUDY S = CLEAR

* SOIL TEXTURE

SIL = SILT LOAM SICL = SILTY CLAY LOAM S = SAND CL = CLAY LOAM

* SPECIES TYPE

P = PLANTS (CROPS AND WEEDS)

* TARGET

C = CROP P = PEST

* TIMING CODES

01 = EARLY PREPLANT 60 DAYS BEFORE PLANTING	08 = V.EARLY POSTEMERG.
02 = EARLY PREPLANT 45 DAYS BEFORE PLANTING	09 = EARLY POSTEMERGENCE
03 = EARLY PREPLANT 30 DAYS BEFORE PLANTING	10 = POSTEMERGENCE
04 = EARLY PREPLANT 15 DAYS BEFORE PLANTING	11 = LATE POSTEMERGENCE
05 = PREPLANT INCORPORATED	12 = V. LATE POSTEMERG.
06 = PREEMERGENCE DRILL & DRAG	13 = POST DIRECTED
07 = PREEMERGENCE	14 = E. PREPLANT 7 D.B.P.

* WIND DIRECTION

E = EAST	N = NORTH	NE = NORTHEAST
NW = NORTHWEST	S = SOUTH	SE = SOUTHEAST
SW = SOUTHWEST	W = WEST	

APPENDIX I

WEATHER SUMMARY FOR THE MONTH OF APRIL

DATE	BROWNSTOWN	DEKALB	KILBOURNE	URBANA
	precip (inches)	precip (inches)	precip (inches)	precip (inches)
1	—	—	—	—
2	—	—	0.05	0.32
3	0.03	—	—	0.23
4	—	—	—	—
5	—	—	—	0.37
6	0.37	—	—	0.14
7	0.12	—	—	—
8	—	—	—	0.91
9	0.80	—	0.05	—
10	1.00	—	0.12	0.97
11	0.63	0.13	1.64	0.15
12	0.98	0.47	0.46	3.60
13	—	0.10	—	0.08
14	—	—	—	0.02
15	0.50	0.19	0.16	0.53
16	0.03	—	—	0.04
17	—	—	—	—
18	—	—	—	—
19	—	—	—	—
20	—	—	—	—
21	—	—	0.70	0.09
22	0.15	—	—	0.02
23	—	—	—	—
24	—	—	—	—
25	—	—	—	—
26	—	—	—	—
27	1.09	—	—	0.90
28	1.05	0.21	0.35	0.31
29	1.26	—	—	0.73
30	1.09	0.37	0.64	0.47
TOTAL	9.10	1.47	4.17	9.88

APPENDIX I (cont'd)

WEATHER SUMMARY FOR THE MONTH OF MAY

DATE	BROWNSTOWN	DEKALB	KILBOURNE	URBANA
	precip (inches)	precip (inches)	precip (inches)	precip (inches)
1	---	---	---	0.11
2	---	---	0.01	---
3	---	---	---	---
4	---	---	---	---
5	---	0.11	---	---
6	0.01	---	0.66	0.29
7	0.35	0.16	0.35	1.27
8	0.02	---	---	0.02
9	---	---	---	---
10	---	---	---	---
11	---	0.04	---	---
12	0.03	---	---	0.35
13	---	---	---	---
14	0.08	0.08	0.11	---
15	---	---	---	0.14
16	---	---	---	---
17	---	---	---	---
18	---	---	---	---
19	---	---	---	---
20	---	---	---	---
21	---	---	---	---
22	---	---	---	---
23	---	0.28	---	---
24	---	0.03	0.45	---
25	0.06	0.10	0.08	1.78
26	---	---	---	---
27	---	---	---	---
28	---	---	---	---
29	---	---	---	---
30	0.02	---	---	---
31	---	---	1.66	0.15
TOTAL	0.75	0.80	1.66	4.11

WEATHER SUMMARY FOR THE MONTH OF JUNE

DATE	BROWNSTOWN	DEKALB	KILBOURNE	URBANA
	precip (inches)	precip (inches)	precip (inches)	precip (inches)
1	—	—	—	0.01
2	0.40	—	0.71	—
3	0.01	—	—	—
4	—	—	—	—
5	—	0.08	—	—
6	—	—	—	—
7	—	0.07	—	—
8	—	0.16	0.74	0.55
9	0.93	—	—	—
10	—	—	—	—
11	—	0.44	—	—
12	—	—	0.36	0.06
13	0.90	0.42	—	0.08
14	—	0.71	—	—
15	—	—	—	—
16	—	—	0.03	—
17	—	—	—	—
18	—	—	—	—
19	—	0.38	—	—
20	—	0.23	—	0.28
21	—	—	—	—
22	—	—	—	—
23	—	3.85	0.01	—
24	1.95	0.60	0.08	0.88
25	0.06	—	—	0.05
26	0.37	0.10	0.23	—
27	—	—	0.01	0.11
28	—	—	—	—
29	—	0.04	—	—
30	—	—	—	0.15
TOTAL	4.62	7.04	2.17	2.17

WEATHER SUMMARY FOR THE MONTH OF JULY

DATE	BROWNSTOWN	DEKALB	KILBOURNE	URBANA
	precip (inches)	precip (inches)	precip (inches)	precip (inches)
1	---	---	---	---
2	---	0.22	0.97	---
3	0.56	---	0.01	0.03
4	---	0.04	0.12	0.04
5	---	---	---	---
6	---	0.37	0.06	0.01
7	---	---	---	---
8	0.15	---	---	---
9	---	---	---	---
10	---	---	---	---
11	---	---	---	---
12	---	0.18	---	---
13	---	---	---	---
14	1.03	0.54	---	0.03
15	---	---	---	---
16	---	0.01	4.65	---
17	---	---	---	0.02
18	---	---	---	---
19	---	0.66	---	0.03
20	---	0.09	---	---
21	0.12	0.34	---	0.81
22	0.79	0.01	---	0.02
23	---	0.01	---	---
24	---	---	---	---
25	---	0.08	---	---
26	---	---	---	---
27	0.04	---	---	---
28	---	---	---	---
29	---	---	---	---
30	---	---	---	---
31	---	---	---	---
TOTAL	2.69	2.55	5.81	0.99

WEATHER SUMMARY FOR THE MONTH OF AUGUST

DATE	BROWNSTOWN	DEKALB	KILBOURNE	URBANA
	precip (inches)	precip (inches)	precip (inches)	precip (inches)
1	—	0.32	—	—
2	—	—	—	—
3	—	0.01	0.08	0.04
4	—	0.40	0.59	0.25
5	—	—	—	0.02
6	—	—	—	0.10
7	—	—	—	—
8	—	—	—	0.08
9	—	—	—	0.24
10	—	0.85	—	—
11	—	0.43	0.01	0.02
12	—	0.02	—	—
13	—	1.10	0.74	0.01
14	0.01	—	—	0.88
15	—	—	—	—
16	—	—	—	—
17	—	—	—	—
18	—	0.16	—	—
19	—	0.86	—	—
20	—	—	0.04	—
21	0.62	—	0.01	0.58
22	—	—	—	—
23	—	—	—	—
24	—	—	—	—
25	—	0.01	—	—
26	—	0.40	0.58	—
27	—	—	—	0.16
28	—	0.02	—	—
29	—	—	—	0.52
30	0.18	0.34	1.59	—
31	0.17	—	—	0.82
TOTAL	0.98	4.92	3.65	3.72

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