


Corn and Sorghum Hybrid Test Results in Illinois - 1992



*Performance
Information Provided by*

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PERFORMANCE OF COMMERCIAL CORN AND SORGHUM HYBRIDS IN ILLINOIS, 1992

(With 1990 and 1991 Results)

TEST PROGRAM

Selection of entries. Each year, producers of hybrid seed corn in Illinois and surrounding states are invited to enter hybrids in the Illinois performance trials. This testing program is financed by a fee of \$60 for each hybrid entered at a location. Most of these hybrids are commercially available, although a few experimental hybrids are also entered.

Number and location of tests. In 1992, 10 major tests were conducted at 9 locations in the state (see map). These sites represent major soil and climatic areas of the state.

Hybrids. There were 695 hybrids from 88 companies tested in 1992.

Field-plot design. Three replications of an Alpha design were used to give each entry an equal chance to show its merits.

Planting methods. All trials were planted by machine. All test fields except those at DeKalb and Monmouth were part of larger cornfields and thus were bordered by other corn. Each hybrid plot was overplanted 30 percent and later thinned to desired stands. Each plot was four rows wide and 25 feet long. The center two rows of each plot were harvested to determine yields.

Fertilization. All test fields were at a high level of fertility. Additional fertilizer was plowed down or sidedressed as needed to ensure top yields.

Method of harvest. All plots were harvested with a custom-built, self-propelled, corn plot combine. Shelled corn from each plot was collected, weighed, and tested for moisture content. No allowance was made for corn that might have been lost in harvest.

PERFORMANCE DATA

Grain yield. Shelled-corn weight and moisture percentage were measured for each plot of a hybrid and converted to bushels per acre of No. 2 shelled corn (15.5 percent moisture). An electronic moisture monitor was used in the combine for all moisture readings.

Moisture content. Occasionally, hybrids too late in maturity for a given area are entered in these tests. These hybrids are often high in yield, but their moisture content may make them poor choices for farm use unless proper drying or storage facilities are available.

Erect plants. The number of erect plants in each plot of a hybrid was determined at harvest time. Any plant leaning at an angle of more than 45 degrees or broken below the ear was considered lodged. Plants broken above the ear were considered erect.

Population. In late June, plants in all plots on all fields were counted and populations computed. Plots with over 100 percent of the desired population were thinned at that time. Stand differences may be caused by failure to germinate or by damage from diseases, insects, cultivation, or rodents.

SUGGESTIONS FOR COMPARING HYBRIDS

It is impossible to measure performance exactly in any test of plant material. Harvesting efficiency may vary, soils may not be uniform, and many other conditions may produce variability. Results of repeated tests, like those reported here, are more reliable than those of a single-year or a single-strip test. When one hybrid consistently outyields another at several test locations and over several years of testing, the chances are good that this difference is real and should be a consideration in choosing a hybrid. When comparing yields, however, grain moisture content, percentage of erect plants, and plant population must also be considered.

A number of statistical tests are available for comparing hybrids within a single trial. One of these tests, the least significant difference (L.S.D.), when used in the manner suggested by Carmer and Swanson,¹ is quite simple to apply and is more appropriate than most other tests. When two hybrids are compared and the difference between them is greater than the tabulated L.S.D. value, the hybrids are judged "significantly different."

When the observed mean of hybrid A is larger than that of hybrid B and the difference between them is found to be significant, one of three possibilities has occurred: (1) the mean of hybrid A really is larger than that of hybrid B, and a correct decision has been made; (2) the means of hybrids A and B are really equal, and a Type I statistical error has been made (that is, the means were declared to be unequal when they were actually equal); or (3) the mean of hybrid B is really larger than that of hybrid A, and a reverse decision or Type III statistical error has been made (that is, the mean of A was declared to be greater than that of B, when the reverse is true).

When no significant difference is found between two hybrids, one of two possibilities has occurred: (1) the means are really equal, and a correct decision has been made; or (2) the means are really different, and a Type II statistical error has been made (that is, the means were declared to be equal when they really are different). In a study of the frequencies of occurrence of these three types of statistical errors and their relative seriousness, Carmer² found strong arguments for an optimal significance level in the range $\alpha = 0.20$ to 0.40 , where α is the Type I statistical error rate for comparisons between means that are really equal. Herein, values of $\alpha = 0.10$ and 0.30 are used in computing the L.S.D. 10- and 30-percent levels shown in the tables. L.S.D. 10 and L.S.D. 30 are not calculated when the overall F test of differences among entries is not significant at the 5 percent level.

To make the best use of the information presented in this circular and to avoid any misunderstanding or misrepresentation of it, the reader should consider an additional caution about comparing hybrids. Readers who compare hybrids in different

trials should be extremely careful, because no statistical tests are presented for that purpose. Readers should note that the difference between a single hybrid's performance at one location and its performance at another is caused primarily by environmental effects and random variability. Furthermore, the difference between the performance of hybrid A in one trial and that of hybrid B in another is the result not only of environmental effects and random variability, but of genetic effects as well.

1992 GROWING CONDITIONS

All corn plots were planted by May 12. In Northern Illinois emergence was slow due to cold and dry conditions after planting. Some frost damage was noted at Woodstock, DeKalb, Dwight and Monmouth. High yields at most locations can be attributed to timely rains during the months of June and July. Cool summer temperatures slowed plant maturity and harvest was started late. All locations were harvested in a timely manner, however, high grain moisture and rainfall in November may delay harvest at Woodstock and DeKalb until December.



SUMMARY OF ILLINOIS HYBRID CORN TESTS, 1992

Field, County, location and number of entries	Date planted	Date harvested	Avg. yld (B/A)	Grain mst. (%)	Erect plants (%)	Avg. pop. (plt/A)
30-inch rows, 22,000 plants per acre						
Brownstown: Fayette, S, 150	5-11	10-7,8	138	25.2	98	21,893
Ina: Jefferson, Ex.S, 88	5-11	10-9	76	23.7	98	21,962
30-inch rows, 24,000 plants per acre						
Woodstock: McHenry, Ex.N, 160	5-5	12-2	149	23.5	97	23,783
DeKalb: DeKalb, N, 224	5-4	11-18,12-1	172	24.5	96	23,986
Dwight: Livingston, ENC, 224	4-27,28	10-22,23	185	23.3	99	23,628
Monmouth: Warren, WNC 260	4-30	10-20,21	168	21.2	97	23,952
Urbana: Champaign EC, 328	5-6,7	10-14,18,19	190	22.4	99	23,963
Perry: Pike, WSC, 130	5-1	10-5,6	195	23.3	99	23,910
30-inch rows, 26,000 plants per acre						
Dixon Springs Bottomland: Pope, Ex.S, 104	5-12	10-12	183	22.4	100	25,769
Dixon Springs Upland - No-Till:Pope, Ex. S, 48	5-12	10-13	185	20.9	100	25,413

¹Carmer, S. G. and M. R. Swanson. "An Evaluation of Ten Pairwise Multiple Comparison Procedures by Monte Carlo Methods." *Journal of American Statistical Association* 68:66-74. 1973

²Carmer, S. G. "Optimal Significance Levels for Application of the Least Significant Difference in Crop Performance Trials". *Crop Science* 16:95-99. 1976.

1992 TEST FIELDS

Woodstock

Location: Northeastern Illinois (cool, humid).
 Soil type: Proctor silt loam (fertile, deep, well-drained, dark prairie).
 Planting date: May 5.
 Harvest date: December 2.
 Cooperators: Hughes Farms and Seed Company; Robert Hughes and Earl Hughes, Jr.

DeKalb

Location: University of Illinois, Northern Illinois Research Center, southwest of DeKalb.
 Soil type: Flanagan silt loam (dark brown, adequately drained, highly fertile).
 Planting date: May 4.
 Harvest date: November 18, December 1.
 Cooperators: Lyle Paul, research director; David Lindgren, farm foreman.

Dwight

Location: Livingston County.
 Soil type: Elliott silty clay loam.
 Planting date: April 27 & 28.
 Harvest date: October 22 & 23.
 Cooperator: Larry Zabel.

Monmouth

Location: University of Illinois, Northwestern Illinois Agricultural Research and Demonstration Center.
 Soil type: Muscatine silt loam.
 Planting date: April 30.
 Harvest date: October 20 & 21.
 Cooperator: Mike Mainz, research director.

Urbana

Location: University of Illinois Agronomy South Farm, Champaign County, east central Illinois.
 Soil type: Flanagan silt loam.
 Planting date: May 6 & 7.
 Harvest date: October 14, 18 & 19.
 Cooperators: Gene Oldham, superintendent; Mike Plotner, farm foreman.

Perry

Location: Orr Research Center, Pike County, south central Illinois.
 Soil type: Rozetta silt loam.
 Planting date: May 1.
 Harvest date: October 5 & 6.
 Cooperators: Glenn Raines, research director; Mike Vose, farm foreman.

Brownstown

Location: University of Illinois, Brownstown Experimental Field, Fayette County, south central Illinois.
 Soil type: Cisne silt loam.
 Planting date: May 11.
 Harvest date: October 7 & 8.
 Cooperator: Jim Carter, farm foreman.

Ina

Location: Rend Lake College, Jefferson County, south central Illinois.
 Soil Type: Cisne silt loam.
 Planting date: May 11.
 Harvest date: October 9.
 Cooperator: Dave Scott, Coordinator for Rend Lake College.

Dixon Springs

Location: University of Illinois Dixon Springs Agricultural Center, Pope County, extreme southern Illinois.
 Soil types: Sharon silt loam (light-colored, moderately well drained, medium-textured bottomlands) Grantsburg (upland).
 Planting date: May 12.
 Harvest date: October 12 & 13.
 Cooperators: Steve Ebelhar, research director; Ron Hines, research specialist.

GROWING SEASON RAINFALL, 1992

<u>Location</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>
Woodstock	0.76	3.58	4.87	3.72	6.55
DeKalb	0.78	2.37	6.37	1.21	5.97
Dwight	0.30	1.90	9.20	0.60	4.20
Monmouth	0.26	1.50	9.87	1.41	5.03
Urbana	2.40	2.63	13.64	1.72	3.12
Perry	1.72	0.63	5.49	0.39	3.86
Brownstown	2.36	0.36	3.76	2.16	2.42
Ina	3.10	0.80	1.30	1.40	1.70
Dixon Springs	2.39	2.98	5.26	1.53	7.50

SOURCES OF SEED

Agra Seeds Hybrids, Agra Seeds, 425 2nd St. SE-Skywalks, Cedar Rapids, IA 52401
Agra-Tech Hybrids, Agratech Seeds, Inc., 5559 N. 500W, McCordsville, IN 46055
Agrigene Hybrids, Agrigene Seed Research, R.R. 2, Box 3A, Ames, IA 50010
Ainsworth Hybrids, Ainsworth Seed Co., R.R. 1, P.O. Box 153, Mason City, IL 62664
Aristocrat Hybrids, Aristocrat Seeds, R.R. 6, Box 89, Galesburg, IL 61401
Asgrow Hybrids, Asgrow Seed Co., P.O. Box 7570, Des Moines, IA 50322
Beck's Hybrids, Beck's Superior Hybrids, 6767 E. 276 St., Atlanta, IN 46031
Bo-Jac Hybrids, Bo-Jac Hybrid Corn Co., R.R. 2, Box 11, Mount Pulaski, IL 62548
Burrus Hybrids, Burrus Bros. & As. Growers, R.R. 1, Box 22, Arrenzville, IL 62611
Callahan Hybrids, Callahan Enterprises Inc., 1122 E. 169th St., Westfield, IN 46074

SOURCES OF SEED, Continued

- Cargill Hybrids**, Cargill, Inc., P.O. Box 5645, Minneapolis, MN 55440
- Caverndale Hybrids**, Caverndale Farms, Inc., 1921 Bluegrass Rd., Danville, KY 40422
- Challenger Hybrids**, Challenger Seed Co., 3409 Cedar Heights Dr., Box 747, Cedar Falls, IA 50613
- CIBA-GEIGY Hybrids**, CIBA-GEIGY Seed Division, P.O. Box 18300, Greensboro, NC 27419
- Cornelius Hybrids**, Cornelius Seed Corn Co., R.R. 1, Box 88, Bellevue, IA 52031
- Coutant Hybrids**, Coutant Seed Farm, 1612 Reynolds Dr., Charleston, IL 61920
- Crow's Hybrids**, Crow's Hybrid Corn Co., P.O. Box 306, Milford, IL 60953
- Dairyland Hybrids**, Dairyland Seed Co. Inc., P.O. Box 958, West Bend, WI 53095
- Dekalb Hybrids**, Dekalb Plant Genetics, Rt. 2 Box 56, Lubbock, TX 79415
- DeKalb Hybrids**, DeKalb Plant Genetics, 3100 Sycamore Road, DeKalb, IL 60115
- Dyna Gro Hybrids**, United Agri Products Seed, Co., P.O. Box 7211, Madison, WI 53707
- EK Premium Hybrids**, EK Premium Seed, Inc., R.R. 1, P.O. Box 248, Berwick, IL 61417
- Exseed Hybrids**, Exseed Services, 43 Oak St., P.O. Box 272, Bristol, IL 60512
- Federal Hybrids**, Federal Hybrids, 5420 35th Ave., Marion, IA 52302
- Frey Hybrids**, Frey Hybrid Corn Co. Inc., P.O. Box 116, Gilman, IL 60938
- Golden Harvest Hybrids**, Garwood Seed Co., Rt. 1, Box 20, Stonington, IL 62567
- Golden Harvest Hybrids**, Golden Seed Co. Inc., 27420 137th Ave. N., Cordova, IL 61242
- Golden Harvest Hybrids**, Sommer Bros. Seed Co., P.O. Box 248, Pekin, IL 61554
- Golden Harvest Hybrids**, Thorp Seed Co., Rt. 3, Box 257, Clinton, IL 61727
- Great Heart Hybrids**, Great Heart Seed Co., 220 W. Washington, Paris, IL 61944
- Great Lakes Hybrids**, Great Lakes Hybrids, Inc., 9915 W. M-21, Ovid, MI 48866
- Griffith Pure Line Hybrids**, Griffith Seed Co., 7th & Theadore, Box 38, McNabb, IL 61335
- Growmark Hybrids**, Growmark Inc., 1701 Towanda Av., Bloomington, IL 61702
- Hawkeye Hybrids**, Hawkeye Hybrids, Inc., R.R. 3, Box 416, Pella, IA 50219
- Henkel Hybrids**, Henkel Seeds, Inc., 107 Cedar Grove Rd., Mendota, IL 61342
- Hoblit Hybrids**, Hoblit Seed Co., Box 487, Atlanta, IL 61723
- Hubner Hybrids**, Hubner Seed Co., R.R. 1, Box 92, W. Lebanon, IN 47991
- Hughes Hybrids**, Hughes Hybrids, Inc., 603 N. McKinstry Road, Woodstock, IL 60098
- HyPerformer Hybrids**, HyPerformer Seed Co., 6075 Poplar Av. #500, Memphis, TN 38119
- ICI Hybrids**, ICI Seeds, 615 Main St. Box 300, Coon Rapids, IA 50058
- Jacques Hybrids**, Jacques Seed Co., 720 St. Croix, Prescott, WI 54021
- J.M.S. Hybrids**, J.M. Schultz Seed Co., P.O. Box 211, Dieterich, IL 62424
- Jung Hybrids**, Jung Farms, Inc., 335 S. High Street, Randolph, WI 53957
- Kaltenberg Hybrids**, Kaltenberg Seed Farms, Inc., 5506 Highway 19, Box 278, Waunakee, WI 53597
- Kruger Hybrids**, Kruger Seed Co., Box A, Hwy 20 E., Dike, IA 50624
- Leader Hybrids**, Leader Seeds Inc., 7160 S.R. 118, Celina, OH 45822
- Lewis Hybrids**, Lewis Hybrids, Inc., Box 38, Ursa, IL 62376
- Lynks Hybrids**, Lynks Seeds, P.O. Box 637, Marshalltown, IA 50158
- McAllister Hybrids**, McAllister Seed Co., Inc., P.O. Box 28, Mt. Pleasant, IA 52641
- McCurdy Hybrids**, Agrigene Seed Research, R.R. 2, Box 3A, Ames, IA 50010
- Merschman Hybrids**, Merschman Seeds, 103 Av. D, West Point, IA 52656
- Munson Hybrids**, Munson Hybrids Inc., R.R. 6, Box 22, Galesburg, IL 61401
- NC+ Hybrids**, NC+ Hybrids, P.O. Box 4408, Lincoln, NE 68504
- NobleBear Hybrids**, NobleBear, Inc., P.O. Box 950, N. Wyckles Rd., Decatur, IL 62525
- Northrup-King Hybrids**, Northrup-King Co., 1500 E. Jackson, Sullivan, IL 61951
- Northrup-King Hybrids**, Northrup-King Co., 1324 East Empire, Bloomington, IL 61701
- Payco Hybrids**, Interstate Payco, P.O. Box 338, West Fargo, ND 58078-0338
- Pfister Hybrids**, Pfister Hybrid Corn Co., P.O. Box 187, El Paso, IL 61738
- Pioneer Hybrids**, Pioneer Hi-Bred International, Inc., 1000 W. Jefferson, Tipton, IN 46072
- Pocklington Hybrids**, Pocklington Seed Co., R.R. 2, Box 78, Girard, IL 62640
- Prairie Stream Hybrids**, Prairie Stream Farms, Inc., R.R. 3, Box 333, Frankfort, IN 46041
- Querna Hybrids**, Querna Seed Co., Inc., R.R. 2, Danville, IA 52623
- Renk Hybrids**, Renk Seed Co., Inc., 6800 Wilburn Rd., Sun Prairie, WI 53590
- Roeschley Hybrids**, Roeschley Hybrids, R.R. 1, Box 17, Graymont, IL 61743
- Seed Associates Hybrids**, Seed Associates, Inc., P.O. Box 908, Rantoul, IL 61866
- Seed Source Hybrids**, Seed Source Inc., 106 4th Street, Leland, MS 38756
- Shissler GR-8 Hybrids**, Shissler Seed Co., R.R. 3, Elmwood, IL 61529
- Sieben Hybrids**, Sieben Hybrids, Inc., Highway 82N, Geneseo, IL 61254

SOURCES OF SEED, Continued

Southern Cross Hybrids, Miles Seed Co., Inc., 2760 Keller Rd., Owensboro, KY 42301
Southern States Hybrids, Southern States Coop., P.O. Box 26234, Richmond, VA 23260
Sparta Hybrids, Sparta Seed Co., R.R. 5, Box 32A, Galesburg, IL 61401
Specialty Grains Hybrids, Specialty Grains, Inc., 3001 Gill St., Bloomington, IL 61704
Staley Hybrids, Staley Grain, Inc., Box 148, LeRoy, IL 61752
Stewart Hybrids, Stewart Hybrids, Inc., Rt. 1, Box 8, Princeville, IL 61559
Stine Hybrids, Stine Seeds Co., 2225 Laredo Trail, Adel, IA 50003
Stone Hybrids, Stone Seed Farms, Inc., Rt. 2, Pleasant Plains, IL 62677
Sturdy Grow Hybrids, Sturdy Grow Hybrids, Inc., P.O. Box 194, Arcola, IL 61910
Terra Hybrids, Terra International, Inc., 600 4th St., Sioux City, IA 51101
Trelay Hybrids, Trelay Inc., Rt. 1, Livingston, WI 53554
Trisler Hybrids, Trisler Seed Farms, Inc., R.R. 1, Box 153, Fairmount, IL 61841
Triumph Hybrids, Triumph Seed Co., Inc., P.O. Box 1050, Ralls, TX 79357
Twin States Hybrids, Twin States Seed Co., R.R. 3, Box 428, Hoopston, IL 60942

United Farmers Hybrids, United Farmers Seed Co., R.R. 1, Box 103A, Blackstone, IL 61313
Unity Hybrids, Unity Seeds, 803 N. 3rd St., Kentland, IN 47951
Uphoff Hybrids, Uphoff Seeds, P.O. Box 647, Charleston, IL 61920
Van Horn Hybrids, Van Horn Hybrids, Inc., P.O. Box 380, Cerro Gordo, IL 61818
Vigoro Hybrids, Vigoro Industries, 2007 W. Hwy 50, Fairview, IL 62208-2928
Vineyard Hybrids, Vineyard Seed Co., Inc., Box 139, Sidney, IL 61877
Voris Hybrids, Voris Seeds, Inc., P.O. Box 457, Windfall, IN 46076
Whata Hybrids, Whata Hybrid, Inc., 8908 W. Sabin Church Rd., Pearl City, IL 61062
Whisnand Hybrids, Whisnand Hybrids, R.R. 1, Box 48, Arcola, IL 61910
Wilken Hybrids, Wilken Seed Grains, Inc., P.O. Box 770, Pontiac, IL 61764
Wilson Hybrids, Wilson Hybrids, Inc., P.O. Box 391, Harlan, IA 51537
Wyffels Hybrids, Wyffels Seed Co., Box 246, Atkinson, IL 61235
Zimmerman Hybrids, Zimmerman Hybrids, Inc, 5147 W. Franklin, Evansville, IN 47712

1992 ENTRIES

COMPANY HYBRID	TRIALS ENTERED*	COMPANY HYBRID	TRIALS ENTERED*	COMPANY HYBRID	TRIALS ENTERED*
AGRA SEEDS		AINSWORTH (continued)		BECK'S	
AS 4412	3,4,5	X-115	6	48	1
AS 3915	3,4,5	X-116	7	56X	2,3
AS 3216	3,4,5	X-118	6,7	57X	2
AGRATECH		X-416	4,5	70XS	2,3
825	5,7,8,9	X-711	3,5	58	3,4,5
660	3,4,5	X-717	4,6	68	3,4,5,6,9
757	5,7,8,9	X-613	4,5,7	0603	4,5
787	4,5,9	X-808	4	72X	7,9
SP2430	3,4,5	X-808A	4,5	81X	5,6
SP2258	3,5	ARISTOCRAT		82 MVP	7,9
W-360	4	3207	1,2	BO-JAC	
W-400	4	3217	4,5	592	1,2,3,4,5
640	3,4,5	ASGROW		427	1,2,3,4
X3575	3,4	RX623	1,2,3,4	3842	1,2
X2665	3,4	RX630	1,2,3	5397	1,4
X2691	3,5	RX707	1,2,3,4,5	323	2
AGRIGENE		RX711	1,2,3,4,5	3681	2
AG 5950	4	RX725	5	454	3,5
AG 6450	3,4	RX767	4,5	467	3
AG 7720	3,4,5,6	RX809	4,5,6,7,8	7195	5,6,7,8,9
AG 7885	5,6	RX811	5,6,7,8	629	6,7,8,9
AG 7880	6	RX897	6,7,8	925	9
AINSWORTH		RX899	6,8,9,10	520	4
X-112	3,5	RX919	9,10	612	5,6
X-113	3,5	RX947	9,10	BURRUS	
		RX908	10	BX58	3,4

*See page 10 for key to trial locations

1992 ENTRIES

COMPANY	COMPANY	COMPANY
HYBRID TRIALS ENTERED*	HYBRID TRIALS ENTERED*	HYBRID TRIALS ENTERED*
BURRUS (CONTINUED)	CORNELIUS (continued)	FEDERAL
BX70 3	C795 4	FX35 2
BX55 4,5	COUTANT	FX35A 1
BX73 5,6,7	XP6475 5	FX37A 1
BX93 5,6,7	CROW'S	FX37E 1
BX59 6	237 1,2,3,4	FX37G 2
CALLAHAN	370 1,2,3	FX39B 4
C743 1	401 1,2,3,4,5	FX40C 4
C759 1,2,3,4	414 1	FX40F 4
C764 1,2,3,4,5	449 1,2,3,4,5,6,7	FREY
C765 1,2,3,5	488 1,2,3,4,5,6,8,9,10	FX46 5
C771 5	498 1,2,3,4,5,8	FX69 5
C774 5,7,8,9,10	667 2,3,4,5,6,8,9	GOLDEN HARVEST
C783 7,8,9,10	669 2,3,4,5,6,7,8,9	H-2485 1,2,3,4,5,6
C7245 1,2	682 4,5,6,7,8,9	EX 637 3,4
C7258 1,2,3,4,5	697 4,5,6,7,8	H-2525 3,4
C7252 1,2,3,4,5	482 3,4	EX 473 5,6,7,8
C7249 1,2,3	DAIRYLAND	EX 456 5
C7265 5,7,8,9,10	DX1110 1,2,3,4	EX 436 5,6,7,8
C7259 5,7,8,9,10	STEALTH-1207 1,2	H-2553 3,4,5,6,7,8
C7269 5,7,8,9,10	STEALTH-1214 2,3,4,5	H-2544 1,2,3,4,5,6
C7337X 1	STEALTH-1114 1,4,5	H-2583 6,7,8
C7338X 1	DX1014 2	H-2608 5,6,7,8
C7348X 1	STEALTH-1205 1,2	EX 353 4,6
C7353X 1,2,3,4,5	STEALTH-1217 4	H-2641 5,6,7,8
C7362X 2,3,4,5	STEALTH-1212 1,2,3	H-2647 7,8
C7352X 1,2,3,4,5	STEALTH-1111 1,2	H-2441 1,2
C7355X 1,2,3,4,5	STEALTH-1118 5	H-2532 1,2
CARGILL	DEKALB	H-2540 2
4327 1,2	DK-612 2,3,4,5,6	GREAT HEART
5327 1,2	DK-636 7	H 318A 5
6827 1,2,3	DK-671 4,5,6,7,8,9,10	HX 5272 5
6927 1,2,3,4,5,6	DK-646 3,4,5,6,7,8,9,10	GREAT LAKES
7177 1,2,3,4,5,6,7	DK-633 8,9,10	GL 577 1,2
7697 1,2,3,4,5,6,7,8,9,10	DK-554 1,2,3	GL 569 1,2
7997 2,3,4,5,6,7,8,9,10	DK-623 1,2,3,4,5,6,7,8,9,10	GL 582 3
8427 4,6,7,8,9,10	DK-564 1,2,3	GL 587 4,5
9027 4,7,8,9,10	DK-591 1,2,3,4,5	GL 632 4,5
7877 2,3,4,5,6,7,8	DYNA GRO	GL 580 1,2,3
CHALLENGER	5351 1,2	GL 586 1,2
CS506 2,3	5410 1,2,3	GL 593 3,5
CS510 2,3,4,5	5470 1,2,3,4,5	GL 646 4,5
CS512 2,3,4,5	5491 1,2,3,4,5,6,10	GL 660 7
CS520 4,5	5561 4,5,6	GL 690 7
CIBA-GEIGY	5550 4,5,6	GL 610 3,4
4372 1,2,3,4,5	EK PREMIUM	GRIFFITH PURE LINE
4393 1,2,3,4,5	EK7772 2	PL 123 2,3,4
4490 3,4,5	EK7774 5	PL 125 2,3,4
4502 3,4,5,6	EK7796 5	PL 235 2,3,4,5
4543 4,5,6,7,8,9,10	EK7798 4,5,7	PL 237 2,3,4,5
4583 4,5,6,7,8,9,10	EK7799 5	PL 255 2,3,4,5
4631 4,5,6,7,8,9,10	EK8805 5,7	8616X 2,3,4,5
4651 6,7,8,9,10	EXSEED	PL 302 3,4,5
4671 7,8,9,10	XS-1043 1,2	HAWKEYE
6126X 4,5,9	XS-1052 1	SX58 4
CORNELIUS	XS-1094 1,2	7378 4
C515 1,2	XS-1092 2,5	SX50 4
C557 2	XS-1103 1,4,5	HENKEL
C601 1,2	XS-1104 1,2,3,4,5	H-168 1,2,3
C611 1,2	XS-1112 1,2,3,4,5	H-172 1,2,3
C612 2	XS-1131 2,3,4,5	H-175 1,2,3
C727 4	XS-1132 3,4	H-180 2,3

*See page 10 for key to trial locations

1992 ENTRIES

COMPANY	COMPANY	COMPANY
HYBRID TRIALS ENTERED*	HYBRID TRIALS ENTERED*	HYBRID TRIALS ENTERED*
HENKEL (continued)		
H-184	1,2,3,4	
H-185	1,2,3	
H-186	3,4	
H-198	2,3,4,5	
H-21	2,4,5	
H-227	3,4,5	
HOBLIT		
423	4	
427	5	
536	4,5	
625	5,7	
429	6	
HUBNER		
H3509	5	
H3313	5	
H3314	5	
H3315	5	
H9011	5	
H9015	5	
H9207	5	
H9209	5	
H9211	5	
H9213	5	
H9215	5	
H9115	5	
H9105	5	
HUGHES		
3191	1	
3885	1,2	
4241	1	
4252	1,2	
5500	1,2	
5510	1,2	
5652	1,2,3	
5682	1,2,3	
5711	1,2,3	
5760	1,2,3	
5792	1,2,3	
5820	1	
5850	1,2,3	
5870	1,2,3,4	
5919	2	
6370	2,3,4	
D-92	2,3,4	
E-42	3,4	
HYPERFORMER		
HS-9502	4,5,7,8	
HS-9773	7,8,9,10	
HS-9704	4,5,7,8,9,10	
HS-9843	4,5,7,8,9,10	
HS-9905	7,8,9,10	
ICI SEEDS		
8513	1,2,3,4,5,7	
8543	1,2,3,4,5	
8539	1,2,3,4,5	
8539IT	1,2	
8382	3,4,5	
8326	5,6	
8260	5,6,7,8	
JACQUES		
6970	2	
JACQUES (continued)		
7970	2,4,5,6	
8210	4,5,6	
8510	7,8,9	
9220	7,8,9	
J.M. SCHULTZ		
SX1070	3	
SX1090	3,5,6	
SX1121	3,5	
SX1141	3,5,6	
SX1161	7,10	
SX1170	5,6,7,9	
SX1171	9	
SX1190	6,7,9,10	
SX9009	5,7	
SX8408	5,6,7,9	
JUNG		
2676	1,2	
2778	1	
2792	2	
KALTENBERG		
K 5705	1	
K 6104	1	
K 6201	1	
K 6303	1	
K 7003	2,3,4,6	
K 7109	2	
K 7201	2	
K 7209	2,3	
K 7301	1,2,3	
K 7505	2,3	
K 7605	4,6	
K 7705	4,6	
K 7805	4,6	
KRUGER		
K9308	1,2	
K9307	1	
K9208A	1	
K9310	1,2	
K9114	1,2,4	
K9314	1,2,4	
K9315	1,2,4	
K9315B	1,2,4	
K8109B	2	
K9118	2	
K9319	2,4	
K9320	4	
K8112	4	
K9321	4	
LEADER		
SX556	5	
SX615	5	
SX608	5	
SX580	5	
SX576	5	
SX533	5	
LEWIS		
4311	4	
5721	4	
6121	4	
8492	6,7	
7288	6	
LEWIS (continued)		
5252	6	
6642	6	
5191	6	
6370	7	
3945	6	
LYNKS		
2686	1,2	
2692	1,2	
2711	2,3,4	
2757	2,3,4,5	
2763	2,3,4,5	
2812	3,4,5,6	
2829	6,7,8,9,10	
2868	6,7,8,9,10	
2682	1	
319	7,8,9	
2952	9,10	
4348	7	
2875	7,8	
MCALLISTER		
SX9205	3,4	
SX9009	4	
SX8611	3,4	
SX9212	3,4	
SX9118	4	
MCCURDY		
5222	1	
5888	1,2	
6222	2	
7300	3,5	
7366	3,4,7	
7477	4,5,6,9	
7660	8,9	
7777	7,8	
7400	6	
MERSCHMAN		
M-1108	2,3	
M-1113	2,3,4,5	
M-1114	2,3,4,5,6,7	
M-1117	4,5,6,7	
M-2106	2,3	
M-2115	2,3,4,5,6,7	
M-2118	4,5,6,7	
M-2121	7	
MUNSON		
EX2012	4	
274	4	
213	4	
NC+		
3795	2	
4275	2	
4799	3,5	
5037	5	
5212	3,4,5	
5963	3,4,5	
6485	4,5	
NOBLE-BEAR		
NB471	1,2	
NB665	1,2,3	
NB690	3	
NB693	3,5,6,7	

*See page 10 for key to trial locations

1992 ENTRIES

COMPANY HYBRID TRIALS ENTERED*	COMPANY HYBRID TRIALS ENTERED*	COMPANY HYBRID TRIALS ENTERED*
NOBLE-BEAR (continued)	PRAIRIE STREAM (continued)	SOUTHERN CROSS (continued)
NB814 5,6,7	SX555 5	412 8,9,10
NBX8885 2,3,5,6,7	SX556 5	612 8,9,10
NORTHRUP KING	SX702 5,7	SOUTHERN STATES
N 4428 1,2	SX704 5,7	SS793 9,10
X 501 1,2	X2002 5,7	SS812 9,10
N 6330 2,3,4,5,6	SX703 5	SPARTA
N 6560 1,2,3,4	X2051 5	X514 4
N 6873 2,3,4,5	X2023 5	5518 4
N 7768 4,5,6	SX725 5	5520 4
X 701 4,5,6,7,8,9,10	X1952 5	5525 4,6
COKER 8625 7,8	QUERNA	X552 4
N 8727 8,9,10	7290 4,5	5545 4,6
PAYCO	7310 4,5	5551 4,6
711 1	7670 4	X575 4,6
802 1,2	7870 4,5	5570 4,6
811 1,2	7632 4	X580 6
829 1,2,3,4,5	RENK	SPECIALTY GRAINS
909 2,3,4,5,6	RK839 1,2	45A 2
925 4,5,6	RK803 1,2,3	23A 7,8
920 3,5,7	RK721 1,2,3	3100 4
1087 7	RK702 1,2	STALEY
PFISTER	RK657 1,2	X-122 3,7
2245 1	RK812 1,2	STEWART
2260 2	RK886 1,2,3,4	9106 2
2375 1,3,4	RK727 1,2,3	9211 3,4
2417 2,3,4,5	ROESCHLEY	9312 3,4,5
2725 2,3,7	RX27 3,5	9213 4,5,8
3000 2	RX36 3	8432 6,8
3020 5	RX58 5	8815 6,8
3030 3,5	SEED ASSOCIATES	8909 2,3
3100 4	SA1073 1	93SL 4,5
3333 5,6	SA1104 2	STINE
3339 5,7	SA1133 5	1118 1,4,5,10
3600 7	PV1114 2	1161 3,4,5,7,9,10
3965 6	SA1131 5	1180 4,5,6
PIONEER	PV114-51 5	1127 6
3563 1,2,3,4,5	SEED SOURCE	1151 6
3525 1,2,3,4,5,6	USN 328 6,7,8,9	1115 3,5
3417 1,2,3,4,5	UTN 332 7,8,9	1031 1,2,3,9
3394 1,2,3,4,5,6,7,8,9,10	USN 528 5,7	EXP2071X 1,2,3
3357 1,2,3,4,5	USQ 680 6,7,8,9	1077 2
3279 4,5,6,7,8,9,10	SHISSLER	1175 7
3245 4,5,6	LG 2535 1,2	1181 7
3162 4,5	LG 2560 1,2,3,4	STONE
3317 6,7,8,9,10	GR-8 170 1,2,3,4	SX256 5,6
3140 7,8,9,10	GR-8 179 3,4,5	SX254 4,5
POCKLINGTON	GR-8 186 3	SX338 4,5,7,8
P3221 4,5	GR-8 193 4,5,6,7	EX327 4,5,6
P3891 4,5,6,7,9	LG 2705 5,6,7	EX262 4,5
P391 4,5	SIEBEN	EX366 5,6
P481 4,5,6	25XS 2,3,4	EX372 4,5,6
P4891 4,5,6,7,9	32XS 2,3,4	EX380 5,6,7,8
P511 5	37XS 2,3,4,5	STURDY-GROW
P51A 9,10	7624 2,3,4	625 5
P5681 6,7,9	7674 2,3,4	626 5
P6021 6,7,9	7671 2,3,4	627 5
P61 6	7752 4,5	798W 5
P762 10	7733 4,5	TERRA
PRAIRIE STREAM	53XS 4	TR 1020 1,2,3
SX420 2	SOUTHERN CROSS	TR 1030 1,2,3
SX425 2	411 8,9,10	TR 1090 1,2,3,4,5

*See page 10 for key to trial locations

1992 ENTRIES

COMPANY	COMPANY	COMPANY
HYBRID TRIALS ENTERED*	HYBRID TRIALS ENTERED*	HYBRID TRIALS ENTERED*
TERRA (continued)		
TR 1101	1,2,3,4,5,6	
TR 1125	2,3,4,5,6	
TR 1160	5,6,7	
TR 1167	6,7,8,9	
TR 600E	1,2,3,4,5	
TR 621E	7,8,9	
TR 1145	4,5,6,7	
TR 641E	6,7,8,9	
TR 700E	7,8,9	
TR 580E	1,2,3,4,5	
TRELAY		
7900	1	
9900	2	
TRISLER		
T-2985	3,5	
T-5230	3,5	
T-5235	3,5,7	
T-5240	3,5	
T-5245	3,5,7	
T-5245A	3,5	
T-5260	3,5,7	
T-5290	3,5,7	
T-5330	3,4,5,7	
T-5370	4,5,7	
T-5375	5,7	
T-5340	5,7	
T-5380	5	
T-92-2	5	
T-5410	4,5,7,9	
T-5420	4,5,7	
T-5430	4,5,7,9	
T-6360A	7	
T-6850	7	
T-4114W	3,5,9	
T-92W1	5,9	
TRIUMPH		
1595	8	
2010	8,9	
1630	8,9	
TWIN STATES		
TS 3222	5	
TS 3244	5	
TS 3303	5	
TS 3313	5,7	
TS 3333	5,7	
TS 3364	5,7	
TS 3377	5,7	
UNITED FARMERS		
U-096	3	
U-100	3	
U-165	2,3	
U-360	2,3	
U-370	2,3	
U-454	2,3	
U-500A	3	
UNITY		
US6226	2	
US6615	5	
US6411	5	
UPHOFF		
631	5	
UPHOFF (continued)		
634	5	
635	5	
640E	5,7,8	
640	5,7,8	
645	5,7,8	
665	5,7,8	
673	5,7,8	
VAN HORN		
X216	5	
X209	5	
VH289	7	
VH251	3,5	
VH242	3	
VH272	5,7	
X017	7	
X204	3	
VIGORO		
KE1072	2	
KE1092	2,5	
KE1122	2,5,7	
KE1142	5,7	
KE1162	5,7	
KE1182	7	
KE1052	2	
VINEYARD		
FC 533	5,9	
FCX 5181	5	
FCX 11756	5	
FCX 11758	5	
V 424W	5,9	
V 449W	5,9	
V 58W	9	
V 68W	9	
VX 4721W	9	
VORIS		
V 2503	2	
V 2513	2	
V 2524	3,5	
V 2544	3,5	
V 2563	5	
V 2573	5	
V 2553	4	
V 2584	7	
WHATA HYBRID		
455	1	
456	1	
509	1,2,3	
511	1,2,3	
539	2,3	
543	2	
516	2	
540	2	
554	2,3,4,5	
555	4,5	
WHISNAND		
83A	5	
85	5,9	
86	5,9	
88	5,9	
51AW	5	
92AW	5,9	
WHISNAND (continued)		
74W	5,9	
WILKEN		
830	3,5	
950	3,5	
1120	3,5	
1150	3,5	
EX415	3,5	
WILSON		
E4332	1,2,3	
D-110	4,5	
E14288	4,5	
1760	4,5,6	
1750	4,5,6	
1890	6,7,9	
2330	7,9	
WYFFELS		
W707	4	
W733	4	
W822	4	
W893	4	
ZIMMERMAN		
Z-27	9	
Z-36	9	
Z-20	9	
Z-63-W	8,9	
Z-61-W	8,9	
Z-16-W	8,9	
Z-17-W	9	
Z-54-W	9	
Z-14-W	9	

- *1 = WOODSTOCK - 24,000
- 2 = DEKALB - 24,000
- 3 = DWIGHT - 24,000
- 4 = MONMOUTH - 24,000
- 5 = URBANA - 24,000
- 6 = PERRY - 24,000
- 7 = BROWNSTOWN - 22,000
- 8 = INA - 22,000
- 9 = DIXON SPRINGS,
BOTTOMLAND - 26,000
- 10 = DIXON SPRINGS,
NO-TILL - 26,000

Woodstock (24,000 Plants and 30-inch row spacing)

Brand	1992 Results				Average		Brand	1992 Results				Average			
	Hybrid	Yld Bu/A	% H ₂ O	Erect Plts %	Plts /Acre	91-92 Yld Bu/A		90-92 Yld Bu/A	Hybrid	Yld Bu/A	% H ₂ O	Erect Plts %	Plts /Acre	91-92 Yld Bu/A	90-92 Yld Bu/A
ARISTOCRAT							DEKALB (continued)								
	3207	138	27.1	98	23554		DK-591	153	24.0	89		23987			
ASGROW								DK-623	149	24.8	98		23110		
	RX623	142	24.1	98	23050		DYNA GRO								
	RX630	148	23.1	100	24000		5351	128	20.4	88		23936	147	142	
	RX707	142	25.9	77	23946		5410	146	24.9	92		24000	144	141	
	RX711	150	25.7	97	23981		5470	147	23.2	99		24000			
BECK'S								5491	140	25.4	96		23985		
	48	154	21.8	95	23942		EXSEED								
BO-JAC								XS-1043	139	23.1	100		24000	145	
	3842	153	22.3	96	24000		XS-1052	146	27.3	100		23008	154	143	
	427	154	22.5	98	23996		XS-1094	153	25.6	97		23532			
	5397	154	25.5	100	24000		XS-1103	128	31.2	95		24000	139		
	592	150	25.7	100	23923	155	XS-1104	139	26.4	98		24000			
CALLAHAN								XS-1112	151	23.6	100		23957		
	C7245	149	19.2	98	24000		FEDERAL								
	C7249	160	22.8	99	24000	154	FX35A	140	18.0	98		23960	149		
	C7252	168	22.2	100	23962	160	FX37A	143	23.0	98		23946	135		
	C7258	147	24.8	100	24000	155	FX37E	145	22.8	90		23046			
	C7337X	154	18.5	98	23817		GOLDEN HARVEST								
	C7338X	139	19.9	97	22320		H-2441	152	21.0	94		23622			
	C7348X	149	21.8	98	23963		H-2485	149	22.4	95		23981	160		
	C7352X	159	24.2	100	24000		H-2532	155	26.2	90		23681	165	170	
	C7353X	159	24.5	99	24000		H-2544	161	26.0	100		23988			
	C7355X	144	24.6	95	24000		GREAT LAKES								
	C743	146	21.8	96	23963	155	154	GL 569	136	24.0	98		23373	151	
	C759	142	23.4	100	23235	141	148	GL 577	147	24.2	100		24000		
	C764	153	22.8	97	23981	168	164	GL 580	152	25.3	96		23247		
	C765	157	25.1	97	23920	157	153	GL 586	150	25.0	95		23059		
CARGILL								HENKEL							
	4327	174	21.3	97	24000	156	146	H-168	174	23.3	100		24000		
	5327	154	22.4	98	23966	157	156	H-172	148	22.0	97		23815		
	6827	146	27.0	98	23991	143		H-175	147	21.9	99		23271	149	
	6927	155	25.7	96	23861	149	150	H-184	126	26.8	100		24000		
	7177	143	26.8	100	23879			H-185	150	27.1	94		23965	148	
	7697	153	28.8	90	24000		HUGHES								
CIBA-GEIGY								3191	129	17.8	86		24000		
	4372	152	21.1	96	24000		3885	144	21.3	100		23995	152	152	
	4393	156	21.7	98	24000	143	4241	137	22.7	100		24000			
CORNELIUS								4252	142	21.3	100		23838		
	C515	139	21.3	99	23923	152	5500	162	22.6	98		23981	147		
	C601	140	22.7	97	24000	152	153	5510	141	22.1	93		23572	142	
	C611	149	25.8	100	24000			5652	144	25.6	97		23869		
CROW'S								5682	164	25.1	100		23873		
	237	144	20.3	92	23982	147	148	5711	166	22.7	100		23871	170	
	370	158	20.1	100	23960			5760	162	22.3	100		24000		
	401	155	23.2	100	24000			5792	147	23.1	98		23074		
	414	142	19.4	96	23942	138	137	5820	139	26.1	98		23867		
	449	140	23.0	98	23914	142	141	5850	137	27.0	99		23863		
	488	142	24.9	98	23990			5870	152	25.3	94		23995	157	
	498	141	28.0	98	23997	140	ICI SEEDS								
DAIRYLAND								8513	163	25.3	100		23470	154	
	DX1110	147	22.4	100	24000		8539	155	26.0	94		23892			
	STEALTH-1111	141	23.2	100	22467	144	8539IT	144	27.2	94		24000			
	STEALTH-1114	147	23.6	97	23931		8543	155	23.7	97		23788	147		
	STEALTH-1205	164	21.4	100	23488	151	JUNG								
	STEALTH-1207	144	21.0	99	23959	142	2676	151	22.3	100		23310			
	STEALTH-1212	156	22.1	96	23963		2778	150	24.8	100		23977	156		
DEKALB								KALTENBERG							
	DK-554	145	20.1	97	22292		K 5705	157	22.9	100		23660			
	DK-564	163	22.6	100	23971		K 6104	160	21.6	100		24000			

Woodstock (24,000 plants per acre and 30-inch rows), continued

Brand Hybrid	1992 Results				Average		Brand Hybrid	1992 Results				Average	
	Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	91-92 Yld Bu/A	90-92 Yld Bu/A		Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	91-92 Yld Bu/A	90-92 Yld Bu/A
KALTENBERG (continued)							RENK						
K 6201	157	20.7	99	23663	144		RK657	155	18.6	100	22732		
K 6303	142	22.5	97	23745			RK702	129	23.0	88	24000	135	138
K 7301	139	26.5	95	24000			RK721	151	22.9	97	23573	141	147
KRUGER							RK727	142	22.4	90	23961		
K9114	131	26.3	97	23907			RK803	147	26.5	96	23902	159	158
K9208A	158	24.0	100	24000			RK812	161	22.6	100	24000		
K9307	148	21.7	100	23943			RK839	146	26.9	99	23919		
K9308	158	24.6	100	23977			RK886	144	25.8	92	23901		
K9310	154	24.9	100	24000		SEED ASSOCIATES							
K9314	135	21.3	98	23986		SA1073	152	23.1	97	24000			
K9315	133	29.2	100	23073		SHISSLER							
K9315B	147	26.0	100	24000		GR-8 170	143	23.8	98	24000	141	148	
LYNKS							LG 2535	148	21.5	97	23884	137	
2682	152	22.2	100	24000	154		LG 2560	142	24.7	90	23831		
2686	150	23.1	97	23945		STINE							
2692	139	24.0	97	24000	139	1031	148	21.9	100	22589			
MCCURDY							1118	137	25.3	96	24000		
5222	166	20.9	97	23950	157	154	EXP2071X	141	26.4	98	24000		
5888	158	22.7	100	23954		TERRA							
NOBLE-BEAR							TR 1020	141	19.3	100	23922	156	155
NB471	147	22.8	98	24000	159		TR 1030	136	20.6	95	23940		
NB665	142	26.1	100	24000			TR 1090	142	23.9	100	23994	136	140
NORTHRUP KING							TR 1101	135	25.1	92	23966		
N 4428	142	20.9	97	23760	143	140		TR 580E	145	24.0	100	23210	
N 6560	160	26.6	99	24000			TR 600E	186	24.6	98	18663		
X 501	144	22.1	100	24000		TRELAY							
PAYCO							7900	153	21.8	98	23974		
711	155	22.1	97	23930		WHATA HYBRID							
802	145	22.9	96	23293		455	150	22.4	96	23349			
811	143	23.4	100	23997		456	155	23.4	100	23966			
829	148	23.7	99	23555		509	171	22.7	100	23937			
PFISTER							511	156	22.6	99	24000		
2245	145	23.4	100	21658		WILSON							
2375	150	23.2	97	24000	160	E4332	154	22.4	97	23968			
PIONEER							AVERAGE	149	23.5	97	23783	150	150
3357	150	27.6	100	23969	152	L.S.D. 10% LEVEL	14	1.8	5	1348			
3394	154	22.6	100	23968	151	L.S.D. 30 % LEVEL	9	1.2	3	849			
3417	159	24.7	100	23809	177	164	STD ERR OF TRT MN	6	0.8	2	578	9	8
3525	170	22.2	100	23826									
3563	160	19.9	99	23977	163								

DeKalb (24,000 Plants and 30-inch row spacing)

Brand Hybrid	1992 Results				Average		Brand Hybrid	1992 Results				Average	
	Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	91-92 Yld Bu/A	90-92 Yld Bu/A		Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	91-92 Yld Bu/A	90-92 Yld Bu/A
ARISTOCRAT							BECK'S (continued)						
3207	177	27.3	99	23625			70XS	186	25.9	94	23709	179	
ASGROW							BO-JAC						
RX623	173	23.7	99	24000			323	177	21.4	94	23999	174	
RX630	169	23.4	99	24000			3681	186	22.8	98	24000		
RX707	152	25.2	80	23990			3842	181	22.6	99	24000		
RX711	175	25.5	94	24000			427	175	25.2	83	24000		
BECK'S							592	184	26.1	100	24000	181	
56X	177	24.4	100	24000	167	169	CALLAHAN						
57X	189	24.2	98	24000	177	171	C7245	167	20.8	98	24000		

DeKalb (24,000 plants per acre and 30-inch rows), continued

Brand Hybrid	1992 Results				Average		Brand Hybrid	1992 Results				Average	
	Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	91-92 Yld Bu/A	90-92 Yld Bu/A		Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	91-92 Yld Bu/A	90-92 Yld Bu/A
CALLAHAN (continued)							EK PREMIUM						
C7249	176	23.3	98	24000	185		EK7772	171	25.8	97	23995	169	166
C7252	187	23.0	99	24000	180		EXSEED						
C7258	160	25.4	93	23985	164		XS-1043	158	24.2	97	23995		
C7352X	180	25.2	98	24000			XS-1092	178	27.7	100	23985	176	
C7353X	183	24.8	94	23999			XS-1094	174	24.8	99	24000		
C7355X	172	23.4	97	24000			XS-1104	186	24.8	95	23999		
C7362X	161	29.6	100	24000			XS-1112	168	26.5	97	23986		
C759	162	25.4	100	23708	160	152	XS-1131	134	26.9	64	24000	148	148
C764	182	24.3	95	23999	173	163	FEDERAL						
C765	171	25.5	99	24000	169	166	FX35	165	29.3	96	23995	168	
CARGILL							FX37G	163	26.9	100	24000	156	
4327	193	21.7	100	24000	182	171	GOLDEN HARVEST						
5327	176	22.9	98	24000	167	158	H-2441	175	21.8	97	23999		
6827	154	26.1	93	24000	155		H-2485	172	22.0	97	24000	176	
6927	175	26.4	99	23993	164	165	H-2532	198	25.9	83	24000	188	190
7177	167	25.1	97	24000			H-2540	175	25.8	98	24000	173	
7697	172	28.1	88	24000	164		H-2544	174	26.4	100	24000		
7877	180	27.3	66	24000			GREAT LAKES						
7997	179	26.6	99	23971			GL 569	164	24.2	96	24000		
CHALLENGER							GL 577	171	25.0	100	24000		
CS506	167	20.8	92	23995			GL 580	179	23.6	96	24000		
CS510	171	24.9	96	23988	180		GL 586	180	27.0	100	23988		
CS512	186	26.6	98	23995	170		GRIFFITH PURE LINE						
CIBA-GEIGY							8616X	170	27.7	99	23995		
4372	173	21.1	100	24000			PL 123	180	24.4	98	24000		
4393	164	21.0	99	23980	162	161	PL 125	184	24.8	97	24000		
CORNELIUS							PL 235	173	25.3	96	23995	182	171
C515	170	21.4	96	24000	170		PL 237	181	26.2	99	24000	170	
C557	186	25.2	99	24000			PL 255	162	25.3	94	24000		
C601	152	22.7	82	23995	159	154	HENKEL						
C611	173	23.4	96	23978			H-168	191	24.1	100	24000		
C612	174	26.0	98	24000	177	172	H-172	183	24.5	100	24000		
CROW'S							H-175	166	24.6	90	24000	160	156
237	170	21.2	97	24000			H-180	172	26.0	100	24000	157	158
370	152	20.7	82	23988			H-184	150	26.4	98	24000		
401	178	25.2	100	24000			H-185	161	26.0	97	24000	161	159
449	154	24.5	98	24000	147	146	H-198	160	26.4	95	23999	160	
488	172	23.0	98	24000	174	170	H-21	185	26.1	98	24000	163	161
498	176	26.7	97	24000	163	159	HUGHES						
667	148	30.6	89	23986			3885	168	21.3	100	24000	167	158
669	156	30.7	98	23999	158	161	4252	172	21.3	97	23988		
DAIRYLAND							5500	191	22.1	96	24000	167	
DX1014	171	25.1	98	23985			5510	155	23.0	88	24000	163	154
DX1110	172	24.0	90	24000	173	162	5652	169	23.7	98	24000		
STEALTH-1111	167	25.4	99	23993			5682	170	23.0	96	23996		
STEALTH-1205	170	22.0	99	24000			5711	176	23.7	100	23999	170	
STEALTH-1207	160	21.3	92	24000	168		5760	174	23.4	99	24000	163	
STEALTH-1212	178	23.4	86	23981			5792	180	23.6	98	23995		
STEALTH-1214	173	24.9	98	24000			5850	160	25.7	99	24000	160	
DEKALB							5870	166	26.3	93	24000	172	169
DK-554	179	20.6	98	24000			5919	179	25.9	99	23985	186	174
DK-564	185	21.4	100	24000			6370	178	27.6	92	24000	179	173
DK-591	185	24.2	93	24000			D-92	171	25.4	90	23310		
DK-612	160	26.1	100	24000	163	159	ICI SEEDS						
DK-623	161	24.9	100	23995			8513	180	25.7	93	24000	173	
DYNA GRO							8539	167	27.1	94	23998		
5351	144	20.3	92	23995			8539IT	178	25.8	98	23981		
5410	176	23.3	82	24000	171	165	8543	174	23.6	96	24000	175	
5470	160	24.2	97	24000	163	159							
5491	167	26.1	97	24000	160	159							

DeKalb (24,000 plants per acre and 30-inch rows), continued

Brand Hybrid	1992 Results				Average		Brand Hybrid	1992 Results				Average	
	Yld Bu/A	% H ₂ O	Erect Plts %	Plts /Acre	Yld Bu/A	Yld Bu/A		Yld Bu/A	% H ₂ O	Erect Plts %	Plts /Acre	Yld Bu/A	Yld Bu/A
JACQUES						PIONEER							
6970	186	22.8	96	24000	178	3357	190	25.5	98	24000	177		
7970	175	24.4	96	24000	174	3394	178	23.5	99	24000	178		
JUNG						3417	183	24.7	100	24000	171	167	
2676	173	23.0	98	23999		3525	181	21.3	98	23995			
2792	180	26.3	100	24000	173	3563	177	21.3	99	24000	172		
KALTENBERG						PRAIRIE STREAM							
K 7003	178	26.6	97	23997		SX420	174	24.3	99	24000	171	167	
K 7109	182	25.3	99	24000		SX425	167	25.4	98	23995			
K 7201	162	24.6	99	24000		RENK							
K 7209	189	25.2	96	23988		RK657	165	19.5	99	24000			
K 7301	159	25.5	96	24000	154	RK702	153	23.6	96	23988	151	151	
K 7505	171	23.1	99	24000		RK721	163	24.1	98	24000	167	165	
KRUGER						RK727	170	22.1	98	23999			
K8109B	158	24.9	89	24000	164	RK803	159	26.4	95	24000	158	155	
K9114	177	24.2	100	24000		RK812	177	25.1	95	24000			
K9118	161	26.5	97	24000		RK839	177	27.5	100	23986			
K9308	185	24.4	100	24000		RK886	174	24.9	94	24000			
K9310	179	25.5	97	23996		SEED ASSOCIATES							
K9314	138	20.4	97	23995		PV1114	181	25.7	98	23988			
K9315	160	29.6	98	24000		SA1104	202	25.1	98	23715			
K9315B	184	26.2	96	24000		SHISSLER							
K9319	172	30.5	100	24000		GR-8 170	168	24.3	94	24000			
LYNKS						LG 2535	180	21.5	96	24000	161		
2686	169	22.6	99	24000		LG 2560	173	23.8	87	24000			
2692	182	23.3	94	24000		SIEBEN							
2711	171	24.2	99	24000	169	164	25XS	179	23.6	97	24000	180	169
2757	178	26.3	99	23996	160	158	32XS	171	23.2	99	24000	161	157
2763	181	25.2	94	23991		37XS	174	25.4	99	24000	165	165	
MCCURDY						7624	164	22.7	92	24000	160		
5888	179	23.0	95	23999		7671	190	23.9	99	24000	184		
6222	166	23.8	99	23988	177	172	7674	174	25.3	96	24000	175	
MERSCHMAN						SPECIALITY GRAINS							
M-1108	155	22.1	93	24000		45A	114	25.6	97	23985			
M-1113	172	25.0	99	23986		STEWART							
M-1114	179	24.9	97	24000		8909	168	26.3	97	24000			
M-2106	169	21.2	96	23985		9106	174	23.6	97	24000	171	162	
M-2115	186	23.7	99	23995		STINE							
NC+						1031	166	23.2	99	24000			
3795	180	21.4	97	24000		1077	161	23.3	93	24000			
4275	182	21.8	100	24000	169	EXP2071X	176	25.3	98	24000			
NOBLE-BEAR						TERRA							
NB471	175	23.7	98	24000	180	TR 1020	150	20.7	93	24000	158	148	
NB665	156	26.3	98	23995	151	TR 1030	172	21.8	95	24000			
NBX8885	170	25.3	91	24000		TR 1090	174	25.0	94	24000	173	165	
NORTHROP KING						TR 1101	166	24.2	94	24000			
N 4428	158	21.4	94	24000	151	153	TR 1125	172	26.2	98	23993	167	171
N 6330	170	23.0	99	24000	171	160	TR 580E	175	24.0	100	24000		
N 6560	170	25.9	98	24000	167	165	TR 600E	183	23.0	95	23734		
N 6873	168	27.9	100	24000	154	TRELAY							
X 501	166	23.0	95	23987		9900	170	26.8	100	24000			
PAYCO						UNITED FARMERS							
802	168	20.6	97	23187		U-165	170	22.7	98	23995			
811	171	25.1	94	24000		U-360	162	22.8	71	24000			
829	169	22.5	99	24000	161	U-370	184	25.0	98	24000			
909	166	26.9	100	23999	168	U-454	166	23.0	96	24000			
PFISTER						UNITY							
2260	186	25.0	91	23994		US6226	174	26.3	99	23995			
2417	182	24.9	94	24000		VIGORO							
2725	174	25.4	100	24000	174	KE1052	155	24.8	89	23988			
3000	173	25.6	96	24000	167	168	KE1072	185	24.7	97	24000		

DeKalb (24,000 plants per acre and 30-inch rows), continued

Brand Hybrid	1992 Results				Average		Brand Hybrid	1992 Results				Average	
	Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	91-92 Yld Bu/A	90-92 Yld Bu/A		Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	91-92 Yld Bu/A	90-92 Yld Bu/A
VIGORO (continued)						WHATA HYBRID (continued)							
KE1092	175	26.0	97	23996			540	165	27.6	97	23995	159	161
KE1122	178	25.4	96	24000			543	180	26.0	100	24000	169	167
VORIS						WILSON							
V 2503	173	27.0	100	24000	180		E4332	168	23.5	98	24000		
V 2513	170	24.7	97	24000	173		AVERAGE						
WHATA HYBRID						L.S.D. 10% LEVEL							
509	187	24.3	99	23996			13	1.3	10	184			
511	183	24.9	93	24000			L.S.D. 30 % LEVEL						
516	164	24.2	95	24000	147	149	8	0.8	6	116			
539	171	26.3	98	23993	166	162	STD ERR OF TRT MN						
							6	0.6	4	79	9	8	

Dwight (24,000 Plants and 30-inch row spacing)

Brand Hybrid	1992 Results				Average		Brand Hybrid	1992 Results				Average	
	Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	91-92 Yld Bu/A	90-92 Yld Bu/A		Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	91-92 Yld Bu/A	90-92 Yld Bu/A
AGRA SEEDS						CALLAHAN (continued)							
AS 3216	189	23.6	100	23447			C7258	202	24.4	100	23999	147	
AS 3915	180	24.4	100	23880			C7352X	196	21.7	98	23935		
AS 4412	221	23.4	100	23780			C7353X	192	22.7	100	22765		
AGRATECH						CARGILL							
640	190	23.2	100	23864			6827	179	24.2	100	24000		
660	189	23.8	98	23991			6927	173	24.3	100	23898	115	130
SP2258	181	23.7	100	23205			7177	202	23.4	100	23351		
SP2430	187	22.5	100	23482			7697	206	23.6	100	24000	126	
X2665	167	22.1	100	23458			7877	204	23.1	98	24000		
X2691	173	24.9	100	23716			7997	199	25.3	100	23803	126	
X3575	163	21.2	100	23997			CHALLENGER						
AGRIGENE						CS506							
AG 6450	184	23.8	100	23002			170	21.0	100	24000			
AG 7720	179	25.2	98	23927	130		CS510	188	23.6	99	24000	128	
AINSWORTH						CS512							
X-112	190	23.5	100	23933			181	23.2	100	23414	123		
X-113	188	22.8	100	24000			CIBA-GEIGY						
X-711	177	23.3	100	23677	124	140	4372	167	20.5	100	23954		
ASGROW						CROW'S							
RX623	187	21.0	100	23668			237	171	19.1	100	23776	120	130
RX630	179	20.2	100	24000			370	185	20.6	99	23780		
RX707	191	22.1	96	24000			401	198	21.9	100	24000		
RX711	180	22.9	100	23756			449	186	22.4	100	23971	115	123
BECK'S						DX1110							
56X	182	22.9	100	23827	133	145	193	22.1	100	23823	124	130	
58	182	22.7	95	23904	124		STEALTH-1212						
68	196	27.8	100	23829			212	23.3	100	23497			
70XS	180	23.4	99	23032			STEALTH-1214						
BO-JAC						STEALTH-1214							
427	211	23.4	98	24000			187	23.1	99	23846			
454	184	24.5	100	24000	123	137							
467	171	23.8	98	23940									
592	193	23.9	100	24000	132								
BURRUS						DAIRYLAND							
BX58	214	23.0	100	24000									
BX70	200	23.1	100	23740									
CALLAHAN						STEALTH-1214							
C7249	183	21.4	100	23981	130								
C7252	207	21.5	100	23990	134								

Dwight (24,000 plants per acre and 30-inch rows), continued

Brand Hybrid	1992 Results				Average		Brand Hybrid	1992 Results				Average	
	Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	Yld Bu/A	Yld Bu/A		Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	Yld Bu/A	Yld Bu/A
DEKALB						J.M. SCHULTZ							
DK-554	178	19.5	99	24000			SX1070	176	22.0	100	21669		
DK-564	180	18.7	100	23981			SX1090	188	23.4	100	23989		
DK-591	193	22.6	100	22148			SX1121	190	23.7	100	24000		
DK-612	185	23.3	100	23537	122	132	SX1141	204	27.6	100	23412		
DK-623	205	24.8	100	24000			KALTENBERG						
DK-646	208	25.1	100	23841	131		K 7003	210	25.9	100	23632		
DYNA GRO						KALLENBERG							
5410	182	22.0	97	23160	125		K 7209	203	23.5	97	21931		
5470	176	22.5	99	22759	118	122	K 7301	165	23.4	100	23855		
5491	169	24.5	100	24000	129	142	K 7505	184	21.3	100	24000		
EXSEED						LYNKS							
XS-1104	200	25.0	95	21840			2711	180	22.0	100	23411	122	128
XS-1112	169	23.0	97	23960			2757	188	23.9	100	24000	127	139
XS-1131	195	26.1	87	21727	142		2763	177	24.2	100	23853		
XS-1132	189	26.7	99	24000	134		2812	203	26.4	100	24000	139	
GOLDEN HARVEST						MCALLISTER							
EX 637	195	20.3	97	22475			SX8611	178	23.9	100	24000	129	
H-2485	171	20.7	98	23809	122		SX9205	164	20.7	95	23179		
H-2525	181	22.5	99	23867	125	135	SX9212	182	24.3	100	23452		
H-2544	204	24.1	100	24000			MCCURDY						
H-2553	185	23.4	100	24000	127		7300	197	25.7	100	24000		
GREAT LAKES						MERSCHMAN							
GL 580	177	22.0	100	23977			M-1108	159	21.0	100	23922		
GL 582	182	21.9	100	24000			M-1113	193	21.7	100	23928		
GL 593	189	23.0	100	21391			M-1114	186	24.0	100	24000		
GL 610	172	25.1	100	23568			M-2106	166	20.9	100	23892		
GRIFFITH PURE LINE						M-2115							
8616X	184	25.4	100	23848			193	23.4	100	23886			
PL 123	186	21.6	100	24000			NC+						
PL 125	198	23.0	100	20858			4799	181	21.5	100	23640		
PL 235	180	23.8	100	23908	118	131	5212	177	23.8	100	24000		
PL 237	183	24.1	100	23903	129		5963	206	25.3	100	23875		
PL 255	195	23.7	100	23875			NOBLE-BEAR						
PL 302	167	25.2	95	21860			NB665	170	24.0	100	23993	125	
HENKEL						NB690							
H-168	192	21.8	100	23952			177	22.5	100	24000	122		
H-172	192	22.3	100	23946			NB693	207	27.8	100	24000		
H-175	188	22.4	100	23757	117	132	NB8885	184	23.3	100	23841		
H-180	173	24.1	97	22667	126	138	NORTHROP KING						
H-184	180	24.6	99	23939			N 6330	186	21.7	97	23869	120	132
H-185	184	23.9	100	24000	122	131	N 6560	179	23.6	100	23797	115	130
H-186	177	24.4	100	24000			N 6873	199	23.7	100	24000	134	
H-198	162	23.3	100	24000	110		PAYCO						
H-227	168	25.7	100	19636			829	188	22.7	99	22959		
HUGHES						909							
5652	172	22.5	98	23958			920	195	27.9	100	24000		
5682	164	22.2	100	23906			PFISTER						
5711	196	22.5	100	23170	135		2375	189	22.6	100	23813	127	138
5760	177	22.7	100	23130	125		2417	198	23.7	100	23955		
5792	169	20.9	100	23672			2725	199	23.2	100	23901		
5850	168	23.5	100	23380	110		3030	185	25.3	100	23773		
5870	183	23.8	100	24000	131	139	PIONEER						
6370	197	26.5	100	21892	128	142	3357	188	24.3	100	23952	143	
D-92	210	23.9	96	22962			3394	200	21.0	100	23844	142	
E-42	189	25.5	100	23900			3417	190	21.3	95	24000	146	153
ICI SEEDS						3525							
8382	191	23.8	100	24000			3563	174	19.3	100	23809	129	
8513	183	22.8	97	22661	116		RENK						
8539	183	23.2	99	23960			RK721	186	22.8	98	24000	123	
8543	193	21.5	97	22651	125		RK727	157	21.2	99	24000		
							RK803	165	23.3	100	23659	117	136
							RK886	199	24.4	100	23383		

Dwight (24,000 plants per acre and 30-inch rows), continued

Brand Hybrid	1992 Results				Average		Brand Hybrid	1992 Results				Average	
	Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	91-92 Yld Bu/A	90-92 Yld Bu/A		Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	91-92 Yld Bu/A	90-92 Yld Bu/A
ROESCHLEY							TRISLER (continued)						
RX27	175	23.7	100	22548			T-5245	212	25.3	100	23024		
RX36	178	22.7	100	22514			T-5245A	185	25.9	100	23399		
SHISSLER							T-5260	191	23.9	98	24000		
GR-8 170	190	23.0	98	23936	120	136	T-5290	218	26.9	100	24000	137	
GR-8 179	177	23.6	98	22640			T-5330	183	26.3	100	24000	122	134
GR-8 186	197	25.8	100	23808	123	142	UNITED FARMERS						
LG 2560	187	22.2	100	23942			U-096	137	17.6	100	23465		
SIEBEN							U-100	148	20.1	100	23960		
25XS	190	22.3	98	24000	120	139	U-165	180	20.9	100	23995		
32XS	191	22.6	98	24000	126	129	U-360	172	20.3	100	24000		
37XS	167	23.4	98	21279	128	134	U-370	177	23.4	100	24000		
7624	180	21.3	100	23894	130		U-454	196	21.8	100	22494		
7671	194	23.0	100	23959	134		U-500A	187	26.1	100	23873		
7674	175	24.2	100	24000	125		VAN HORN						
STALEY							VH242	194	21.5	99	24000		
X-122	173	26.5	97	22876	113		VH251	198	23.8	99	23919	124	
STEWART							X204	190	22.4	100	23671		
8909	185	23.7	99	22635	125	138	VORIS						
9211	197	25.5	100	24000			V 2524	194	25.3	100	23908		
9312	209	24.9	100	24000			V 2544	199	27.9	100	23969		
STINE							WHATA HYBRID						
1031	156	20.3	98	22487			509	194	21.5	100	24000		
1115	158	24.1	100	20343			511	203	21.8	100	23413		
1161	212	27.1	100	24000			539	175	23.9	98	23283	132	141
EXP2071X	176	23.3	100	21895			554	213	25.8	99	24000		
TERRA							WILKEN						
TR 1020	161	18.6	99	24000	104	112	1120	183	23.7	99	24000		
TR 1030	179	20.6	100	23908			1150	199	26.5	99	22661	136	
TR 1090	177	22.7	100	23217	119	132	830	175	23.4	100	24000	124	
TR 1101	173	23.8	95	23914			950	187	22.6	100	23845	125	
TR 1125	179	22.8	98	24000	127	141	EX415	196	23.6	99	23837		
TR 580E	197	23.2	100	23971			WILSON						
TR 600E	186	22.4	99	23775			E4332	177	21.4	100	21146		
TRISLER							AVERAGE						
T-2985	203	23.7	100	24000	131		L.S.D. 10% LEVEL	16	1.0	3	1627		
T-4114W	187	26.0	99	23882	126		L.S.D. 30 % LEVEL	10	0.7	2	1026		
T-5230	177	23.7	100	24000	124	132	STD ERR OF TRT MN	7	0.4	1	698	8	7
T-5235	179	24.5	99	23775									
T-5240	183	22.3	100	23999	113	130							

Monmouth (24,000 Plants and 30-inch row spacing)

Brand Hybrid	1992 Results				Average		Brand Hybrid	1992 Results				Average	
	Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	91-92 Yld Bu/A	90-92 Yld Bu/A		Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	91-92 Yld Bu/A	90-92 Yld Bu/A
AGRA SEEDS							AGRATECH (continued)						
AS 3216	173	21.6	95	23741			X2665	154	20.3	90	24000		
AS 3915	154	21.7	94	23963			X3575	157	17.7	95	23855		
AS 4412	194	20.6	98	24000			AGRIGENE						
AGRATECH							AG 5950	166	19.9	98	23979		
640	156	19.7	96	23996			AG 6450	162	20.8	96	23999	173	173
660	179	21.5	99	23997	176		AG 7720	153	22.5	97	23982		
787	190	24.5	99	24000	184		AINSWORTH						
SP2430	169	20.1	100	24000	168	173	X-416	176	22.3	100	24000	183	184
W-360	152	20.5	98	23997			X-613	170	18.9	96	24000		
W-400	176	21.8	99	24000			X-717	172	21.4	96	24000	175	

Monmouth (24,000 plants per acre and 30-inch rows), continued

Brand Hybrid	1992 Results				Average		Brand Hybrid	1992 Results				Average	
	Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	91-92 Yld Bu/A	90-92 Yld Bu/A		Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	91-92 Yld Bu/A	90-92 Yld Bu/A
AINSWORTH (continued)							CROW'S (continued)						
X-808	166	19.9	100	23992	173	176	488	171	18.4	87	24000	181	183
X-808A	176	21.0	98	23999		179	498	163	21.0	96	24000	171	165
ARISTOCRAT							667	158	23.2	100	23999		
3217	183	20.9	100	23986			669	171	23.5	100	23996	161	
ASGROW							682	191	21.2	93	23998		
RX623	159	18.0	97	23998			697	165	21.4	99	23995	168	178
RX707	164	19.1	100	24000			DAIRYLAND						
RX711	164	19.8	94	24000			DX1110	163	19.6	95	24000	163	175
RX767	168	21.3	100	23990			STEALTH-1114	172	21.0	100	23997		
RX809	166	21.9	98	23996			STEALTH-1214	174	21.2	99	24000		
BECK'S							STEALTH-1217	178	26.3	100	23995		
0603	188	20.7	94	23997			DEKALB						
58	188	21.9	100	24000	179		DK-591	182	20.2	100	23984		
68	178	22.5	98	23999	198		DK-612	154	21.1	94	23988	166	169
BO-JAC							DK-623	142	18.9	95	23413		
427	188	19.7	100	23573			DK-646	171	20.9	99	24000		
520	165	20.4	97	24000	180	189	DK-671	163	21.8	96	24000	165	
5397	169	21.1	96	23868			DYNA GRO						
592	162	20.6	97	23998	171		5470	158	20.0	100	24000	165	174
BURRUS							5491	145	20.3	90	23984	158	162
BX55	177	19.1	100	23998			5550	188	21.7	100	23987		
BX58	175	19.3	98	24000			5561	168	22.3	100	23990	163	
CALLAHAN							EK PREMIUM						
C7252	183	18.5	100	23999	179		EK7798	155	22.5	100	23718	167	
C7258	163	20.3	98	23856	180		EXSEED						
C7352X	172	19.4	97	23991			XS-1103	166	23.5	100	24000	172	
C7353X	184	18.3	100	23994			XS-1104	168	21.1	100	23997		
C7355X	157	19.5	99	24000			XS-1112	146	20.7	100	23857		
C7362X	179	23.2	99	24000			XS-1131	194	21.7	92	24000	189	
C759	152	20.0	99	22712	152	159	XS-1132	160	22.6	96	23993	167	
C764	150	20.4	100	23993	163	176	FEDERAL						
CARGILL							FX39B	118	16.1	91	24000	133	154
6927	156	21.4	96	23982			FX40C	162	21.7	99	24000		
7177	171	20.8	100	24000			FX40F	199	25.2	100	23974		
7697	192	21.8	92	23993	166		GOLDEN HARVEST						
7877	196	21.7	98	24000			EX 353	176	25.6	100	24000		
7997	195	22.5	100	24000	184		EX 637	181	18.2	100	23998		
8427	176	23.2	98	23996	175		H-2485	147	18.5	99	23997	166	
9027	169	26.7	99	24000			H-2525	165	19.4	96	23993	170	
CHALLENGER							H-2544	197	20.7	100	24000		
CS510	192	21.5	100	23972	179		H-2553	163	21.8	100	24000	171	
CS512	180	21.8	98	23993	178		GREAT LAKES						
CS520	177	25.3	100	23999			GL 587	174	22.2	100	24000		
CIBA-GEIGY							GL 610	160	22.8	88	23708		
4372	152	17.9	100	23999			GL 632	135	23.5	100	24000		
4393	136	17.6	98	24000	152	158	GL 646	185	21.5	95	23990		
4490	159	21.7	100	23997	164	172	GRIFFITH PURE LINE						
4502	158	19.8	100	24000			8616X	166	21.0	100	23425		
4543	177	22.2	99	24000	165	175	PL 123	187	19.4	98	24000		
4583	150	21.0	98	24000			PL 125	186	18.1	98	23998		
4631	185	23.6	99	23997			PL 235	164	21.5	94	24000	181	188
6126X	155	23.0	98	23999			PL 237	185	21.7	97	23985	174	
CORNELIUS							PL 255	149	20.3	97	23995		
C727	163	20.6	95	23991			PL 302	161	22.1	93	23982	181	175
C795	182	22.6	100	24000	179	187	HAWKEYE						
CROW'S							7378	160	22.0	94	24000		
237	166	17.1	95	23978			SX50	167	22.4	95	23999		
401	179	19.0	100	24000			SX58	184	21.6	100	24000		
449	145	19.4	100	24000	159	162	HENKEL						
482	165	19.2	87	23685	166	172	H-184	173	21.2	98	23998		

Monmouth (24,000 plants per acre and 30-inch rows), continued

Brand	Hybrid	1992 Results			Average		Brand	Hybrid	1992 Results				Average	
		Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	91-92 Yld Bu/A			90-92 Yld Bu/A	Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	91-92 Yld Bu/A
HENKEL (continued)						MERSCHMAN (continued)								
	H-186	148	21.6	95	23986		M-2115	176	19.5	95	23996			
	H-198	146	19.3	98	23994	162	M-2118	182	21.9	98	24000			
	H-21	178	22.9	100	23988	168	MUNSON							
	H-227	160	22.0	95	23999		213	166	21.0	94	24000			
HOBLIT							274	182	21.6	99	23997			
	423	152	21.1	93	23990	170	179	EX2012	179	19.4	99	24000		
	536	170	18.6	90	23988		NC+							
HUGHES							5212	149	21.6	96	23978			
	5870	153	21.6	94	23993	173	184	5963	170	23.1	98	23577	173	
	6370	192	21.7	100	23999	191	195	6485	157	21.2	97	24000		
	D-92	189	20.3	96	23991		NORTHRUP KING							
	E-42	187	22.4	99	23713		N 6330	171	19.5	100	24000	186	184	
HYPERFORMER							N 6560	150	20.5	95	24000	160	166	
	HS-9502	170	21.0	100	23990		N 6873	166	20.8	98	23996	164	163	
	HS-9704	171	22.7	98	24000		N 7768	170	21.5	93	23997			
	HS-9843	171	25.5	100	24000		X 701	171	24.2	100	24000			
ICI SEEDS							PAYCO							
	8382	164	20.3	98	23995		829	165	20.0	100	23865	169		
	8513	175	20.0	97	23996	169	909	144	21.1	92	23999	158		
	8539	158	20.4	94	24000		925	172	21.2	100	23996	167		
	8543	177	19.2	99	24000	174	PFISTER							
JACQUES							2375	171	20.3	100	24000			
	7970	150	22.5	98	24000		2417	171	21.2	99	23998			
	8210	158	22.1	98	23998		3100	148	20.0	100	24000	164		
KALTENBERG							PIONEER							
	K 7003	188	21.1	100	23998		3162	170	22.2	99	24000	183	182	
	K 7605	156	20.6	96	23874		3245	180	20.6	100	23996	189		
	K 7705	174	23.9	98	23998		3279	186	21.2	100	24000			
	K 7805	174	21.4	97	24000	193	3357	179	20.3	100	24000	176		
KRUGER							3394	161	19.1	100	24000	168		
	K8112	179	23.2	98	24000	187	3417	170	18.5	99	23997	184	185	
	K9114	171	20.4	99	24000	178	3525	182	18.0	100	24000			
	K9314	133	18.1	96	23999		3563	165	17.6	95	23996	179		
	K9315	172	22.4	98	23980		POCKLINGTON							
	K9315B	179	21.1	98	23998		P3221	157	19.1	96	23421			
	K9319	173	25.2	97	23571		P3891	176	20.5	95	24000			
	K9320	199	23.9	96	22849	195	P391	164	20.3	98	24000			
	K9321	177	26.6	100	24000		P481	170	22.6	98	24000	175		
LEWIS							P4891	175	21.2	100	23996			
	4311	183	19.4	96	24000		QUERNA							
	5721	167	22.2	95	23994	175	7290	153	19.3	98	23995	172	170	
	6121	165	26.8	100	24000	177	7310	153	21.7	85	24000	166	163	
LYNKS							7632	159	22.8	100	23996			
	2711	179	19.6	100	23981	170	174	7670	181	22.7	100	23003	181	178
	2757	175	21.6	96	24000	171	178	7870	155	21.7	97	22989	160	169
	2763	157	20.5	100	24000		RENK							
	2812	187	22.4	100	24000	197	RK886	171	20.2	100	23997			
MCALLISTER							SHISSLER							
	SX8611	161	20.6	100	24000	171	187	GR-8 170	160	19.7	99	24000		
	SX9009	153	19.7	97	23994	160	172	GR-8 179	154	20.2	95	23996	170	174
	SX9118	166	22.2	99	24000	166	172	GR-8 193	158	22.1	96	24000	161	
	SX9205	147	16.6	92	24000		LG 2560	186	19.8	100	24000			
	SX9212	153	20.2	99	23996		SIEBEN							
MCCURDY							25XS	177	19.9	100	23965			
	7366	150	21.1	96	24000	173	32XS	163	20.2	95	23991	169	176	
	7477	138	21.7	96	24000		37XS	164	21.0	100	24000	175	179	
MERSCHMAN							53XS	172	21.8	96	24000	162	171	
	M-1113	154	20.0	98	23982		7624	158	17.7	98	24000			
	M-1114	154	21.4	99	23996		7671	169	20.0	100	23982	164		
	M-1117	165	22.5	100	23732		7674	154	19.8	93	24000	161		

Monmouth (24,000 plants per acre and 30-inch rows), continued

Brand Hybrid	1992 Results				Average		Brand Hybrid	1992 Results				Average	
	Yld Bu/A	% H ₂ O	Erect Plts %	Plts /Acre	91-92 Yld Bu/A	90-92 Yld Bu/A		Yld Bu/A	% H ₂ O	Erect Plts %	Plts /Acre	91-92 Yld Bu/A	90-92 Yld Bu/A
SIEBEN (continued)						TERRA (continued)							
7733	185	22.5	99	23990			TR 1101	180	22.2	99	23987		
7752	188	24.2	100	23997	179		TR 1125	162	20.5	92	24000	175	178
SPARTA						TRISLER							
5518	160	19.4	99	24000	170		TR 1145	162	23.6	98	24000		
5520	162	20.7	89	23997	158	166	TR 580E	156	19.6	100	24000		
5525	167	19.8	99	23992	170		TR 600E	174	18.9	97	23989		
5545	178	21.1	100	23998			VORIS						
5551	176	23.6	100	23968			V 2553	194	21.8	98	24000	194	
5570	168	22.8	99	24000	162	182	WHATA HYBRID						
X514	139	17.2	95	24000			554	185	22.5	98	23988		
X552	184	22.4	100	23998			555	169	22.2	100	23999		
X575	185	23.8	98	23995			WILSON						
SPECIALTY GRAINS						WYFFELS							
3100	155	22.7	86	24000			W707	178	21.0	100	23987		
STEWART						WHATA HYBRID							
9211	162	21.5	96	23998	173		W733	142	20.3	94	23995		
9213	178	26.1	100	23999			W822	188	21.3	97	24000		
9312	197	21.1	98	23979			W893	159	22.1	93	24000		
93SL	156	25.4	100	23999			AVERAGE						
STINE						L.S.D. 10% LEVEL							
1118	180	21.7	98	24000			168	21.2	97	23952	172	174	
1161	161	25.7	100	23995			16	1.1	5	482			
1180	146	22.6	96	24000			L.S.D. 30 % LEVEL						
STONE						STD ERR OF TRT MN							
EX254	178	18.9	99	24000			7	0.5	2	207	11	9	
EX262	169	18.8	97	24000									
EX327	159	22.4	100	24000									
EX372	193	23.0	100	23970									
SX338	156	21.9	94	24000	149	159							
TERRA						TERRA (continued)							
TR 1090	168	19.1	96	24000	168	170							

Urbana (24,000 Plants and 30-inch row spacing)

Brand Hybrid	1992 Results				Average		Brand Hybrid	1992 Results				Average	
	Yld Bu/A	% H ₂ O	Erect Plts %	Plts /Acre	91-92 Yld Bu/A	90-92 Yld Bu/A		Yld Bu/A	% H ₂ O	Erect Plts %	Plts /Acre	91-92 Yld Bu/A	90-92 Yld Bu/A
AGRA SEEDS						AINSWORTH (continued)							
AS 3216	172	20.6	97	24000			X-416	197	23.8	98	24000	172	170
AS 3915	174	21.3	100	23981			X-613	186	19.8	100	23964		
AS 4412	193	18.9	100	24000			X-711	189	21.5	100	24000		
AGRATECH						ARISTOCRAT							
640	170	19.6	100	23967			X-808A	193	20.2	100	24000	165	
660	193	21.2	100	24000	166		ASGROW						
757	201	25.4	100	23964			RX707	185	17.7	96	23998		
787	186	24.4	100	23998	157		RX711	181	20.5	100	23864		
825	193	26.8	100	23980	179	173	RX725	176	20.0	100	23969		
SP2258	184	22.1	100	23997			RX767	188	22.3	99	24000		
SP2430	177	18.8	100	23972			RX809	205	24.7	100	23977		
X2691	186	22.4	100	23999			RX811	186	23.2	99	23979	149	
AGRIGENE						BECK'S							
AG 7720	189	22.7	94	23981	164		0603	194	22.1	100	23967		
AG 7885	186	25.5	100	23997			58	187	20.0	97	24000	168	
AINSWORTH						BECK'S							
X-112	205	21.2	100	24000			68	178	27.4	100	23955	164	
X-113	196	20.0	97	24000			81X	201	26.1	100	24000		

Urbana (24,000 plants per acre and 30-inch rows), continued

Brand Hybrid	1992 Results				Average		Brand Hybrid	1992 Results				Average	
	Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	Yld Bu/A	Yld Bu/A		Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	Yld Bu/A	Yld Bu/A
BO-JAC							DEKALB (continued)						
454	191	22.0	100	23998	162	165	DK-623	206	21.2	96	23999		
592	198	23.5	99	23998	175		DK-646	197	20.7	98	23990		
612	190	23.4	100	23999	167		DK-671	198	22.4	100	24000	169	
7195	195	24.4	98	23987			DYNA GRO						
BURRUS							5470	188	19.6	99	23983	170	166
BX55	189	20.0	99	23965			5491	190	20.5	98	24000	155	159
BX73	205	20.1	98	23998			5550	192	23.8	100	23998		
BX93	198	25.8	100	24000			5561	198	24.9	100	24000	166	163
CALLAHAN							EK PREMIUM						
C7252	176	18.1	100	23999	156		EK7774	193	21.5	100	23975	170	
C7258	187	20.2	100	24000	162		EK7796	198	22.8	98	24000	164	161
C7259	172	19.4	96	23998			EK7798	192	23.3	100	23997	168	
C7265	199	24.1	100	23998	171		EK7799	196	26.2	100	23997		
C7269	192	26.6	100	24000	166		EK8805	207	22.5	100	23987	170	168
C7352X	178	19.2	100	23991			EXSEED						
C7353X	202	19.5	98	23997			XS-1092	201	23.6	98	24000	174	176
C7355X	174	19.4	100	24000			XS-1103	186	23.6	100	23966	164	
C7362X	187	22.8	99	23985			XS-1104	183	22.4	100	23966		
C764	191	19.3	98	23983	171	166	XS-1112	185	19.6	98	23999		
C765	178	20.7	100	24000	158	162	XS-1131	185	23.1	99	23999	164	171
C771	199	23.1	96	24000			FREY						
C774	203	25.0	100	23998	159		FX46	178	21.0	100	23973		
CARGILL							FX69	201	22.2	99	23972	175	171
6927	172	20.8	100	23989	150	150	GOLDEN HARVEST						
7177	191	20.0	100	24000			EX 436	196	23.2	99	24000		
7697	195	22.3	97	23998	165		EX 456	197	20.7	100	23733		
7877	192	21.7	98	23998			EX 473	188	20.2	100	24000		
7997	201	22.9	100	24000	178		H-2485	174	18.3	100	23980		
CHALLENGER							H-2544	190	20.0	100	23965		
CS510	193	22.3	100	23997	175		H-2553	185	20.3	98	24000	162	
CS512	182	21.7	100	23998	159		H-2608	192	24.3	100	24000		
CS520	191	26.7	100	23976			H-2641	197	26.2	100	24000		
CIBA-GEIGY							GREAT HEART						
4372	182	18.1	100	24000			H 318A	197	25.0	100	22666		
4393	165	17.0	100	23998	157	153	HX 5272	183	23.5	99	23987		
4490	175	20.6	98	23995	151	156	GREAT LAKES						
4502	184	20.7	100	24000			GL 587	190	22.2	100	24000		
4543	202	23.5	98	23999	173	170	GL 593	185	21.2	100	23308		
4583	204	24.3	97	23999			GL 632	187	23.0	100	24000		
4631	187	26.3	100	24000	154		GL 646	202	23.8	99	23997		
6126X	175	23.2	99	24000			GRIFFITH PURE LINE						
COUTANT							8616X	182	23.3	100	23990		
XP 6475	198	24.1	100	23974			PL 235	178	21.0	100	23987	160	163
CROW'S							PL 237	185	20.8	100	23967	158	
401	197	21.6	99	23998			PL 255	200	21.0	100	24000		
449	166	19.9	97	23959	136	140	PL 302	186	21.8	95	24000	166	163
488	184	17.8	100	23998			HENKEL						
498	183	20.6	99	23979	154	155	H-198	174	20.6	100	24000		
667	178	25.9	100	23998			H-21	204	24.0	98	24000		
669	183	25.6	100	24000	168	164	H-227	185	23.2	89	23997		
682	194	21.9	95	24000	156	161	HOBLIT						
697	192	20.6	98	24000	169	171	427	203	20.1	98	24000	168	
DAIRYLAND							536	189	19.0	95	24000	175	
STEALTH-1114	184	20.9	99	23998			625	186	25.6	100	23941		
STEALTH-1118	194	25.4	100	24000			HUBNER						
STEALTH-1214	196	21.1	100	24000			H3313	185	24.7	100	24000		
DEKALB							H3314	196	24.5	100	24000		
DK-591	180	18.2	99	24000			H3315	194	22.8	100	23935		
DK-612	189	20.5	100	23968	161	160	H3509	179	22.0	97	24000		
							H9011	198	21.5	100	23966		

Urbana (24,000 plants per acre and 30-inch rows), continued

Brand Hybrid	1992 Results				Average		Brand Hybrid	1992 Results				Average	
	Yld	%	Erect	Plts	91-92	90-92		Yld	%	Erect	Plts	91-92	90-92
	Bu/A	H ₂ O	Plts%	/Acre	Bu/A	Bu/A		Bu/A	H ₂ O	Plts%	/Acre	Bu/A	Bu/A
HUBNER (continued)						NORTHROP KING							
H9015	201	26.3	100	24000			N 6330	198	19.5	98	23966	166	167
H9105	191	19.2	99	23999			N 6873	187	23.7	100	23955		
H9115	194	25.3	100	24000			N 7768	187	22.7	98	23965		
H9207	193	19.8	100	23991			X 701	201	24.4	100	23982		
H9209	186	22.5	97	23996			PAYCO						
H9211	200	24.3	99	24000			829	174	19.4	96	23993	158	
H9213	193	23.0	100	23970			909	175	21.7	100	24000	155	
H9215	199	26.1	100	23857			920	191	24.4	100	23973	166	
HYPERFORMER							925	197	22.8	100	24000	162	
HS-9502	192	21.1	100	23999			PFISTER						
HS-9704	184	22.1	99	24000	165		2417	184	22.7	100	23998		
HS-9843	198	26.4	100	24000			3020	186	22.9	100	24000		
ICI SEEDS							3030	179	22.9	97	23957		
8260	198	26.1	98	23999			3333	200	24.9	100	23969		
8326	189	22.2	97	23999			3339	203	26.3	100	23599		
8382	199	21.7	100	24000			PIONEER						
8513	203	19.4	100	24000	171		3162	210	26.7	100	24000	181	
8539	182	20.3	97	23986			3245	195	21.9	100	23997	173	
8543	187	18.8	100	24000	165		3279	209	22.0	100	23598		
J.M. SCHULTZ							3357	201	21.3	100	24000	180	
SX1090	180	20.8	100	24000			3394	204	19.1	100	24000	181	
SX1121	191	20.1	100	23995			3417	198	21.2	100	23990	167	168
SX1141	189	25.3	100	24000			3525	203	18.3	100	23988		
SX1170	201	24.1	100	23997			3563	181	18.6	100	23999		
SX8408	203	22.6	100	23999	175	171	POCKLINGTON						
SX9009	185	19.8	97	24000	168	164	P3221	184	18.0	100	23809		
JACQUES							P3891	174	19.9	100	23995		
7970	184	22.7	90	24000	155		P391	174	20.6	100	23981		
8210	188	22.7	100	23993	162	157	P481	194	25.0	98	23998	167	169
LEADER							P4891	196	21.7	100	23987		
SX533	203	19.5	100	23993			P511	190	24.8	98	23998	163	168
SX556	190	21.2	96	23998			PRAIRIE STREAM						
SX576	184	21.3	98	23991			SX555	197	24.6	100	23991	167	169
SX580	197	21.2	98	24000			SX556	204	23.3	100	23983		
SX608	207	23.4	100	23906			SX702	200	21.9	98	23963	172	
SX615	203	23.4	99	24000			SX703	178	22.5	98	23991	160	164
LYNKS							SX704	168	24.7	100	23991	157	166
2757	185	21.5	100	24000	162	167	SX725	193	24.6	100	23948	163	162
2763	190	19.8	100	24000			X1952	194	24.4	98	24000		
2812	208	25.1	97	23961	181		X2002	187	25.8	100	23986		
MCCURDY							X2023	192	26.2	98	23998		
7300	196	24.4	98	23966	165	168	X2051	209	26.6	100	24000		
7477	182	21.9	90	22769			QUERNA						
MERSCHMAN							7290	189	20.6	100	23971	159	155
M-1113	203	20.2	100	23998			7310	179	21.4	98	23998	154	155
M-1114	186	20.6	100	23998			7870	201	23.9	93	24000	174	173
M-1117	180	24.3	98	23997			ROESCHLEY						
M-2115	188	19.5	99	23967			RX27	182	21.0	100	24000		
M-2118	193	23.3	98	23991			RX58	185	22.2	100	24000		
NC+							SEED ASSOCIATES						
4799	192	20.3	100	24000			PV114-51	204	24.8	98	24000		
5037	186	20.7	98	23999	163		SA1131	182	24.4	100	23999	161	
5212	184	21.4	100	24000			SA1133	199	24.1	100	24000		
5963	205	22.8	100	24000	161		SEED SOURCE						
6485	192	21.8	100	23959			USN 528	157	21.6	93	23449		
NOBLE-BEAR							SHISSLER						
NB693	194	24.0	100	24000	162		GR-8 179	180	20.0	96	23955	160	160
NB814	192	26.5	98	23998			GR-8 193	185	24.8	90	23993	153	
NBX8885	181	21.2	100	23998			LG 2705	203	24.0	100	24000		

Urbana (24,000 plants per acre and 30-inch rows), continued

Brand Hybrid	1992 Results				Average		Brand Hybrid	1992 Results				Average						
	Yld Bu/A	% H ₂ O	Erect Plts %	Plts /Acre	91-92 Yld Bu/A	90-92 Yld Bu/A		Yld Bu/A	% H ₂ O	Erect Plts %	Plts /Acre	91-92 Yld Bu/A	90-92 Yld Bu/A					
SIEBEN						UNITY												
37XS	175	20.9	100	24000	156	163	US6411	196	24.1	100	24000							
7733	195	24.8	100	23992			US6615	187	26.8	100	23999							
7752	208	26.0	100	24000	176		UPHOFF											
STEWART						631						176	20.7	100	22648			
9213	196	25.8	100	23998	158		634	183	22.9	100	23998							
9312	204	21.6	95	23971			635	175	22.3	100	23957	147	152					
93SL	199	25.7	100	23968			640	199	23.3	100	23967	158	156					
STINE						640E						184	27.2	100	24000	158		
1115	183	19.1	100	24000			645	190	22.5	100	23986	156	155					
1118	187	21.2	98	24000			665	206	25.2	100	23867							
1161	205	25.0	100	23990	166	170	673	184	24.9	98	23998							
1180	192	22.7	90	24000			VAN HORN											
STONE						VH251						198	20.3	100	23999	165		
EX254	183	18.2	100	24000			VH272	214	23.0	98	24000							
EX262	193	19.0	100	24000			X209	179	22.8	100	23974							
EX327	204	22.9	96	23996			X216	196	23.1	100	24000							
EX366	213	24.8	100	23997			VIGORO											
EX372	213	23.2	100	24000			KE1092	188	22.9	100	23966							
EX380	189	24.8	99	23968			KE1122	204	21.3	99	23994							
SX256	186	20.9	97	23998			KE1142	201	22.3	96	23984							
SX338	186	22.9	92	23997	164	169	KE1162	205	24.8	100	24000							
STURDY-GROW						VINEYARD												
625	189	19.8	99	23978	162	163	FC 533	186	24.7	100	23866							
626	178	20.4	100	23988			FCX 11756	178	21.3	100	22900							
627	204	23.0	100	24000			FCX 11758	189	26.7	100	23997							
798W	175	25.7	100	22533	144		FCX 5181	190	21.4	97	24000							
TERRA						V 424W						176	26.3	100	23967	157	161	
TR 1090	190	19.6	96	23995	171	165	V 449W	192	22.2	100	23987	155						
TR 1101	193	21.9	98	23998			VORIS											
TR 1125	189	20.8	98	23949	161	163	V 2524	200	22.3	100	23975							
TR 1145	196	23.3	100	23999			V 2544	193	23.9	100	23997	166						
TR 1160	183	23.4	100	23997			V 2563	193	23.9	100	23984	171	169					
TR 580E	197	20.8	100	23994			V 2573	201	25.7	99	23999							
TR 600E	194	19.1	100	23983			WHATA HYBRID											
TRISLER						554						193	23.5	100	23993			
T-2985	197	21.3	99	23953			555	191	21.1	100	23982							
T-4114W	186	21.9	100	23998	154		WHISNAND											
T-4116W	176	27.5	100	23997			51AW	176	21.6	100	23951							
T-5230	184	20.6	100	24000	158	162	74W	188	28.3	95	24000							
T-5235	184	22.7	97	23998			83A	183	18.6	100	24000	167						
T-5240	182	19.7	100	23964	157	156	85	186	23.9	100	24000	164	171					
T-5245	191	23.9	100	23865			86	187	24.3	100	23997	157	160					
T-5245A	199	22.5	100	24000			88	195	20.2	98	23998							
T-5260	181	21.8	98	24000	142		92AW	162	29.4	97	23999	136						
T-5290	207	23.6	100	23998	174		WILKEN											
T-5330	199	23.3	100	23998	163	165	1120	198	22.6	100	23990							
T-5340	198	24.2	100	24000			1150	201	24.0	100	23965	168						
T-5370	201	23.8	100	23998	168		830	172	20.6	100	24000	146						
T-5375	206	22.0	100	23972			950	180	20.1	99	23998	170						
T-5380	193	21.5	94	23998	163	161	EX415	201	19.0	100	24000							
T-5410	173	27.6	100	23998			WILSON											
T-5420	188	24.1	100	24000			1750	205	22.5	98	23331							
T-5430	202	26.7	100	23970	166		1760	189	24.0	96	23991							
T-92-2	203	23.2	100	24000			D-110	151	22.0	97	23965	130	134					
TWIN STATES						E14288						155	23.0	100	24000			
TS 3222	203	20.2	100	23983			AVERAGE						190	22.4	99	23963	163	163
TS 3244	182	19.7	98	23819			L.S.D. 10% LEVEL	14	1.9	3	400							
TS 3303	172	21.6	96	23964	146	154	L.S.D. 30 % LEVEL	9	1.2	2	252							
TS 3313	182	20.9	98	22563			STD ERR OF TRT MN	6	0.8	1	172	9	8					
TS 3333	182	19.0	96	23999	162													
TS 3364	194	21.4	98	23979														
TS 3377	193	25.3	100	23994														

Perry (24,000 plants per acre and 30-inch rows)

Brand Hybrid	1992 Results				Average		Brand Hybrid	1992 Results				Average	
	Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	91-92 Yld Bu/A	90-92 Yld Bu/A		Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	91-92 Yld Bu/A	90-92 Yld Bu/A
AGRIGENE							GOLDEN HARVEST (continued)						
AG 7720	195	24.3	99	23484	174	183	H-2608	203	23.5	100	24000		
AG 7880	182	25.9	85	24000			H-2641	198	24.6	100	24000		
AG 7885	194	25.4	99	24000			HOBLOIT						
AINSWORTH							429	22.1	100	24000			
X-115	202	23.9	100	24000			ICI SEEDS						
X-118	196	24.8	99	24000	182		8260	212	25.3	100	24000		
X-717	192	23.1	100	24000			8326	195	22.5	99	24000		
ASGROW							J.M. SCHULTZ						
RX809	190	22.9	96	24000			SX1090	197	19.4	100	24000		
RX811	215	22.9	100	24000	180		SX1141	206	23.9	100	24000	192	
RX897	211	24.2	100	23226			SX1170	221	25.4	100	24000		
RX899	222	25.3	100	24000	185		SX1190	206	24.0	100	23613		
BECK'S							SX8408	199	24.0	100	24000	174	166
68	196	24.0	99	24000			JACQUES						
81X	207	24.9	100	24000			7970	185	24.0	100	24000	171	
BO-JAC							8210	184	24.1	98	24000	171	182
612	191	22.2	100	24000			KALTENBERG						
629	203	25.2	100	24000			K 7003	186	22.3	100	22968		
7195	210	25.0	98	24000			K 7605	195	22.6	100	24000		
BURRUS							K 7705	202	23.0	100	23484		
BX59	190	20.6	98	24000	168	175	K 7805	191	23.1	100	24000	182	
BX73	193	21.9	100	24000			LEWIS						
BX93	207	24.6	100	24000			3945	195	21.4	100	24000		
CARGILL							5191	204	23.8	100	24000		
6927	173	23.0	100	24000			5252	199	23.7	100	24000		
7177	173	21.8	100	24000			6642	184	24.7	99	22323		
7697	200	22.1	100	24000	175		7288	193	24.1	100	24000	182	173
7877	199	21.7	95	24000			8492	207	24.8	100	24000		
7997	203	23.8	98	23484	185		LYNKS						
8427	191	25.2	100	24000	172	167	2812	217	23.5	100	24000	192	
CIBA-GEIGY							2829	216	26.2	100	24000	180	
4502	189	21.7	100	23355			2868	215	24.4	100	24000		
4543	190	23.3	100	24000	166	170	MCCURDY						
4583	208	23.7	100	24000			7400	203	24.0	100	24000		
4631	187	24.5	100	24000	165		7477	188	24.1	100	24000	165	180
4651	194	25.0	100	24000	167		MERSCHMAN						
CROW'S							M-1114	138	22.2	94	24000		
449	174	21.7	100	24000	154	161	M-1117	197	23.2	100	24000		
488	186	21.7	95	24000			M-2115	196	22.1	100	24000		
667	187	22.4	98	24000			M-2118	202	24.5	99	23355		
669	194	24.6	100	23871			NOBLE-BEAR						
682	195	24.1	94	24000	164	161	NB693	207	23.3	100	24000	188	
697	209	22.5	100	24000	186		NB814	213	25.7	100	23742	184	
DEKALB							NBX8885	200	21.4	100	24000		
DK-612	182	22.5	98	24000	151		NORTHROP KING						
DK-623	194	21.5	98	24000			N 6330	190	20.9	100	24000	168	167
DK-646	204	22.9	100	24000	186		N 7768	193	24.4	98	24000		
DK-671	202	23.3	97	24000	175		X 701	194	23.2	100	24000		
DYNA GRO							PAYCO						
5491	174	22.2	100	24000	147		909	161	22.2	96	24000		
5550	187	23.5	100	24000			925	195	23.0	97	24000		
5561	195	23.6	100	24000	173		PFISTER						
GOLDEN HARVEST							3333	197	23.6	100	24000		
EX 353	210	24.7	100	24000			3965	195	24.8	98	24000		
EX 436	195	22.6	100	23742			PIONEER						
EX 473	197	21.4	99	24000			3245	204	23.1	100	24000	173	
H-2485	181	20.2	95	24000			3279	194	21.6	100	24000		
H-2544	193	21.4	100	23871			3317	193	21.6	100	24000	166	
H-2553	195	22.2	100	24000	164		3394	192	20.2	100	24000	175	
H-2583	198	23.5	100	24000			3525	174	18.2	100	24000		

Perry (24,000 plants per acre and 30-inch rows), continued

Brand Hybrid	1992 Results				Average		Brand Hybrid	1992 Results				Average	
	Yld Bu/A	% H ₂ O	Erect Plts %	Plts /Acre	Yld Bu/A	Yld Bu/A		Yld Bu/A	% H ₂ O	Erect Plts %	Plts /Acre	Yld Bu/A	Yld Bu/A
POCKLINGTON							STONE						
P3891	181	21.3	98	24000			EX327	196	23.4	91	24000		
P481	197	23.5	100	24000	179	170	EX366	217	23.7	100	24000		
P4891	192	21.0	97	24000			EX372	213	22.9	100	24000		
P5681	204	23.6	100	24000			EX380	202	24.8	100	24000		
P6021	202	24.1	100	24000			SX256	190	20.2	97	24000		
P61	194	25.0	100	24000			TERRA						
SEED SOURCE							TR 1101	191	20.0	96	24000		
USN 328	195	24.9	99	23097			TR 1125	158	21.5	98	24000	148	
USQ 680	177	26.1	93	24000			TR 1145	205	24.0	100	24000		
SHISSLER							TR 1160	188	23.1	98	24000		
GR-8 193	190	24.1	100	24000	167		TR 1167	200	24.0	100	24000		
LG 2705	203	24.4	100	24000			TR 641E	184	23.8	100	24000		
SPARTA							WILSON						
5525	177	22.1	98	24000			1750	212	23.3	98	23484		
5545	193	22.8	98	24000			1760	210	23.4	100	24000		
5551	200	22.9	98	24000			1890	196	24.0	97	24000	170	
5570	194	23.2	99	24000			AVERAGE						
X575	217	26.1	100	23871				195	23.3	99	23910	172	
X580	186	25.3	98	23355			L.S.D. 10% LEVEL	16	0.9	3	506		
STEWART							L.S.D. 30 % LEVEL	10	0.5	2	319		
8432	179	23.9	97	23355	160	177	STD ERR OF TRT MN	7	0.4	1	217	12	
8815	175	27.9	99	24000	148	157						10	
STINE													
1127	141	21.6	96	23742									
1151	184	21.9	100	23742									
1180	191	24.5	100	23097									

Brownstow (22,000 plants per acre and 30-inch rows)

Brand Hybrid	1992 Results				Average		Brand Hybrid	1992 Results				Average	
	Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	91-92 Yld Bu/A	90-92 Yld Bu/A		Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	91-92 Yld Bu/A	90-92 Yld Bu/A
AGRATECH							GREAT LAKES						
757	140	26.9	99	22000	102	100	GL 660	149	26.5	100	22000		
825	130	25.4	100	22000	99	105	GL 690	145	27.3	96	22000		
AINSWORTH							HOBLIT						
X-116	125	24.5	95	22000	106		625	155	27.4	100	21241		
X-118	127	24.9	98	22000			HYPERFORMER						
X-613	122	22.2	93	22000	104		HS-9502	149	22.2	96	22000		
ASGROW							HS-9704	147	24.5	98	22000		
RX809	148	25.6	100	22000			HS-9773	123	24.3	100	22000		
RX811	135	25.1	95	22000	104		HS-9843	154	27.8	100	22000		
RX897	149	27.5	98	22000			HS-9905	143	25.6	98	22000		
BECK'S							ICI SEEDS						
72X	137	24.6	96	22000	104	102	8260	139	27.1	100	22000		
82 MVP	134	27.4	100	22000			8513	125	20.5	100	22000		
BO-JAC							J.M. SCHULTZ						
629	155	28.4	96	22000			SX1161	135	26.3	100	22000	108	
7195	145	29.2	100	22000			SX1170	140	25.4	95	22000		
BURRUS							SX1190	151	26.4	100	22000		
BX73	138	22.4	99	18713			SX8408	133	25.7	98	22000	103	106
BX93	165	26.9	99	22000			SX9009	117	22.7	94	22000		
CALLAHAN							JACQUES						
C7259	133	23.0	98	22000			8510	118	24.5	93	22000		
C7265	145	24.3	97	21874	112		9220	160	28.7	98	22000		
C7269	146	27.5	97	22000	115		LEWIS						
C774	155	26.7	100	22000	111		6370	148	27.2	100	22000	118	117
C783	126	26.3	97	22000	101		8492	139	27.6	100	22000		
CARGILL							LYNKS						
7177	127	20.8	99	22000			2829	142	26.9	100	22000	103	
7697	111	22.9	96	22000	90		2868	142	28.1	100	22000		
7877	125	21.9	94	22000			2875	149	25.7	100	22000	112	112
7997	135	24.3	98	22000	102		319	123	24.5	97	21621		
8427	148	24.6	100	22000	113	110	4348	135	21.4	99	22000		
9027	141	29.3	100	22000			MCCURDY						
CIBA-GEIGY							7366	110	24.5	97	22000		
4543	140	25.0	100	22000			7777	145	28.4	100	22000	113	112
4583	142	26.7	99	22000			MERSCHMAN						
4631	153	25.5	100	22000			M-1114	129	23.5	94	22000		
4651	134	24.9	98	22000			M-1117	132	24.9	98	22000		
4671	158	26.9	98	22000			M-2115	116	21.9	97	22000		
CROW'S							M-2118	133	24.1	97	22000		
449	108	21.5	98	22000	92	100	M-2121	147	25.3	99	22000		
669	137	25.1	98	22000			NOBLE-BEAR						
682	138	23.6	96	22000	111	114	NB693	154	24.2	100	22000	127	
697	151	25.7	99	22000	109	116	NB814	159	27.1	98	22000	117	
DEKALB							NBX8885	135	23.3	99	22000		
DK-623	117	20.3	92	20862			NORTHROP KING						
DK-636	130	23.7	97	22000	100	103	COKER 8625	146	25.9	99	22000	112	111
DK-646	171	23.9	99	22000	129		X 701	143	23.3	98	22000		
DK-671	140	23.3	94	22000	108		PAYCO						
EK PREMIUM							1087	132	25.2	100	22000		
EK7798	137	25.5	98	22000			920	150	23.9	99	22000		
EK8805	139	25.5	99	22000	118		PFISTER						
GOLDEN HARVEST							2725	138	22.9	97	22000		
EX 436	137	24.3	98	22000			3339	151	26.4	95	22000		
EX 473	152	21.9	97	21747			3600	146	25.9	100	22000		
H-2553	120	22.5	90	22000									
H-2583	147	24.9	99	22000	112								
H-2608	146	26.2	100	22000									
H-2641	158	28.1	100	22000									
H-2647	152	26.2	98	22000	124								

Brownstown (22,000 plants per acre and 30-inch rows), continued

Brand Hybrid	1992 Results				Average		Brand Hybrid	1992 Results				Average	
	Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	91-92 Yld Bu/A	90-92 Yld Bu/A		Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	91-92 Yld Bu/A	90-92 Yld Bu/A
PIONEER							TRISLER (continued)						
3140	123	23.8	96	22000			T-5260	127	21.0	92	22000	99	
3279	142	22.9	98	22000			T-5290	136	24.0	96	22000		
3317	131	19.9	95	22000	121		T-5330	132	24.5	99	22000	108 109	
3394	137	19.2	99	22000	116		T-5340	133	25.0	97	22000		
POCKLINGTON							T-5370	154	26.1	97	22000	120	
P3891	122	23.2	97	22000			T-5375	132	25.8	99	22000	107	
P4891	128	24.5	96	22000			T-5410	130	28.2	96	22000		
P5681	144	26.4	100	22000			T-5420	119	25.1	100	22000		
P6021	147	27.1	99	21494			T-5430	149	28.2	100	22000	112	
PRAIRIE STREAM							T-6360A	141	25.2	93	22000	112 103	
SX702	130	25.9	97	22000			T-6850	155	27.7	100	22000	117 109	
SX704	137	24.5	100	22000		TWIN STATES							
X2002	135	25.4	99	22000		TS 3313	112	21.3	98	21241			
SEED SOURCE							TS 3333	112	22.1	97	22000	98	
USN 328	128	26.2	97	22000	104	TS 3364	137	22.8	94	22000			
USN 528	112	26.6	98	19345		TS 3377	146	26.1	100	22000			
USQ 680	144	26.6	98	22000		UPHOFF							
UTN 332	118	24.7	89	18839		640	151	24.5	97	22000			
SHISSLER							640E	130	24.9	93	22000		
GR-8 193	130	25.4	97	22000	107	645	129	25.7	97	22000	96 100		
LG 2705	148	27.8	100	22000		665	151	26.8	99	22000			
SPECIALITY GRAINS							673	128	24.4	98	22000	105	
23A	98	28.5	93	21368		VAN HORN							
STALEY							VH272	153	25.9	99	22000		
X-122	119	23.7	97	22000	98	VH289	142	26.7	98	22000	113		
STINE							X017	158	27.2	98	22000		
1161	132	27.1	100	22000		VIGORO							
1175	128	24.2	99	21494		KE1122	140	21.9	100	22000			
1181	159	27.5	99	22000		KE1142	119	24.9	97	21494			
STONE							KE1162	161	26.7	100	22000		
EX380	148	27.1	100	22000		KE1182	144	26.9	99	22000			
SX338	118	24.4	96	21747		VORIS							
TERRA							V 2584	169	27.0	100	21874		
TR 1145	145	25.2	96	22000		WILSON							
TR 1160	140	26.1	98	22000		1890	139	26.1	100	22000	111		
TR 1167	152	27.4	100	22000		2330	154	30.2	100	21874			
TR 621E	145	25.7	98	22000		AVERAGE							
TR 641E	112	24.9	94	22000		L.S.D. 10% LEVEL	16	1.4	4	860			
TR 700E	151	30.1	99	22000		L.S.D. 30 % LEVEL	10	0.9	3	542			
TRISLER							STD ERR OF TRT MN	7	0.6	2	368	9 6	
T-5235	94	22.7	94	22000									
T-5245	123	22.4	90	21115									

Ina (22,000 plants per acre and 30-inch rows)

Brand Hybrid	1992 Results				Average 91-92 90-92		Brand Hybrid	1992 Results				Average 91-92 90-92	
	Yld Bu/A	% H ₂ O	Erect Plts %	Plts /Acre	Yld Bu/A	Yld Bu/A		Yld Bu/A	% H ₂ O	Erect Plts %	Plts /Acre	Yld Bu/A	Yld Bu/A
AGRATECH							LYNKS						
757	80	24.7	100	21999	79	86	2829	69	24.2	100	21996		
825	85	24.7	98	21999	104		2868	88	25.6	100	21999		
ASGROW							2875	87	23.9	100	22000		
RX809	54	22.6	88	21998			319	79	23.0	96	21839		
RX811	52	21.5	97	22000	67		MCCURDY						
RX897	70	24.4	100	22000			7660	69	23.6	95	21999	81	93
RX899	71	24.3	100	22000	65		7777	92	26.9	93	22000	93	93
BO-JAC							NORTHROP KING						
629	95	24.9	100	22000			COKER 8625	79	23.5	100	21998		
7195	72	24.9	100	22000			N 8727	52	25.8	100	22000	64	66
CALLAHAN							X 701	78	22.0	100	21999		
C7259	46	21.9	98	21998			PIONEER						
C7265	89	22.7	100	22000	86		3140	81	23.5	100	21999	88	97
C7269	74	24.9	100	22000	72		3279	86	22.5	100	21999		
C774	100	24.4	100	22000	89		3317	97	21.1	97	22000	89	
C783	65	24.1	100	21999			3394	95	19.1	100	21999	99	
CARGILL							SEED SOURCE						
7697	77	20.6	82	22000	77		USN 328	72	24.7	100	21999	92	
7877	75	20.7	96	21999			USQ 680	51	23.3	100	22000		
7997	78	23.6	92	21998	88		UTN 332	83	24.8	91	20883		
8427	85	24.7	97	22000	90	97	SOUTHERN CROSS						
9027	87	25.9	97	22000	86		411	55	23.8	99	22000	67	79
CIBA-GEIGY							412	62	24.7	100	21998		
4543	80	23.8	100	21999			612	60	22.9	100	22000		
4583	90	24.3	99	21999			SPECIALITY GRAINS						
4631	80	24.6	100	22000	91		23A	45	23.5	100	21203		
4651	91	23.8	100	22000	88		STEWART						
4671	69	24.8	100	22000	76		8432	63	24.9	100	22000		
CROW'S							8815	55	26.4	100	21998		
488	86	19.5	96	22000	74	84	9213	59	23.3	99	22000		
498	80	20.3	93	22000			STONE						
667	96	22.5	100	21999			EX380	77	24.7	100	21999		
669	94	24.1	100	22000	92	96	SX338	91	23.1	100	22000	81	
682	49	22.6	100	21999	66	76	TERRA						
697	71	23.6	100	22000	75	85	TR 1167	95	25.3	100	22000		
DEKALB							TR 621E	70	24.3	100	21999		
DK-623	75	21.6	89	21681			TR 641E	87	22.9	100	21998		
DK-633	68	21.0	97	21998			TR 700E	96	26.3	98	22000		
DK-646	64	23.2	100	22000	81		TRIUMPH						
DK-671	82	24.1	100	22000	76		1595	71	22.7	100	22000	92	91
GOLDEN HARVEST							1630	98	27.0	99	21999	93	
EX 436	76	22.7	100	21998			2010	90	25.0	100	22000		
EX 473	73	22.9	100	22000			UPHOFF						
H-2553	78	20.3	96	21522			640	73	24.4	100	22000		
H-2583	45	23.1	100	22000	67		640E	78	23.3	96	22000		
H-2608	88	24.1	100	22000			645	72	23.8	96	21999	80	83
H-2641	83	25.3	100	21999			665	89	25.3	100	22000		
H-2647	84	24.4	97	22000	94		673	94	23.4	100	21998	88	
HYPERFORMER							ZIMMERMAN						
HS-9502	70	23.2	100	22000			Z-16-W	80	26.0	90	22000	81	
HS-9704	84	22.7	100	21999	89		Z-61-W	72	22.5	98	21999	80	
HS-9773	66	22.4	94	21520	80		Z-63-W	54	24.8	97	22000	63	
HS-9843	86	25.9	100	22000			AVERAGE						
HS-9905	82	25.0	100	22000				76	23.7	98	21962	82	86
ICI SEEDS							L.S.D. 10% LEVEL	18	1.1	5	392		
8260	78	23.1	100	21998			L.S.D. 30 % LEVEL	11	0.7	3	247		
JACQUES							STD ERR OF TRT MN	8	0.5	2	168	10	9
8510	60	23.4	98	22000									
9220	88	26.5	96	22000									

Dixon Springs, Bottomland (26,000 plants per acre and 30-inch rows)

Brand Hybrid	1992 Results				Average		Brand Hybrid	1992 Results				Average	
	Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	91-92 Yld Bu/A	90-92 Yld Bu/A		Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	91-92 Yld Bu/A	90-92 Yld Bu/A
AGRATECH							LYNKS						
757	175	22.7	100	25737	166		2829	169	22.5	100	26000		
787	199	22.4	100	26000	181	174	2868	195	22.4	100	25737		
825	170	23.4	100	26000	166	163	2952	183	22.9	100	26000		
ASGROW							MCCURDY						
RX899	190	23.0	100	26000	180		7477	190	21.9	100	26000		
RX919	182	21.9	100	26000	173		7660	179	23.7	100	26000	174 171	
RX947	194	24.8	100	26000	196	191	NORTHRUP KING						
BECK'S							PIONEER						
68	182	21.6	100	26000	174		3140	182	22.4	100	26000	172 162	
72X	199	22.3	100	26000	196	196	3279	177	20.8	100	26000		
82 MVP	184	22.4	100	24818			3317	201	20.2	100	26000	187	
BO-JAC							POCKLINGTON						
629	190	22.1	100	26000			P3891	203	20.5	100	25737		
7195	172	22.5	100	26000			P4891	168	20.2	100	26000		
925	182	22.3	100	26000			P51A	194	21.1	100	26000	175 171	
CALLAHAN							SEED SOURCE						
C7259	175	21.8	100	26000			USN 328	160	22.3	100	25737	168	
C7265	180	21.7	100	26000	171		USQ 680	170	21.6	100	25737		
C7269	185	22.3	100	24818			UTN 332	124	22.3	100	17465		
C774	199	21.4	100	26000	177		SOUTHERN CROSS						
C783	171	23.5	100	25737			411	154	21.8	100	26000		
CARGILL							SOUTHERN STATES						
7697	189	21.1	100	26000	167		SS793	179	22.1	100	26000	182	
7997	200	22.0	100	26000	191		SS812	177	21.7	100	26000	172	
8427	181	23.1	100	26000	172	169	STINE						
9027	180	23.2	100	26000	193		1031	101	18.8	100	25475		
CIBA-GEIGY							TERRA						
4543	175	20.9	100	26000			TR 1167	188	21.9	100	26000		
4583	188	21.5	100	25869			TR 621E	184	23.1	100	25869		
4631	188	22.5	100	26000	176		TR 641E	184	21.6	100	25869		
4651	181	23.0	100	26000	171		TR 700E	185	23.7	100	25869		
4671	196	23.0	100	24687	187		TRISLER						
6126X	181	23.0	100	26000			T-4114W	185	22.5	100	26000		
CROW'S							TRIUMPH						
488	187	20.6	100	26000			1630	164	24.2	100	25343	167	
667	196	22.1	100	26000			2010	195	21.9	100	26000		
669	177	23.0	100	26000	177	173	VINEYARD						
682	197	21.7	100	26000	181	181	FC 533	169	21.7	100	25869		
DEKALB							V 424W						
DK-623	191	21.1	100	25737			V 449W	181	22.9	100	26000	173	
DK-633	192	19.1	100	25606			V 58W	192	23.3	100	26000	185 182	
DK-646	192	21.5	100	25737	189		V 68W	186	24.5	100	26000	180 180	
DK-671	186	22.6	98	26000			VX 4721W	189	23.9	100	26000		
HYPERFORMER													
HS-9704	169	21.9	100	26000	171								
HS-9773	202	22.7	100	26000	194	190							
HS-9843	190	22.3	100	26000									
HS-9905	186	23.4	100	26000									
J.M. SCHULTZ													
SX1170	194	23.3	100	25737									
SX1171	184	22.9	100	26000									
SX1190	189	22.8	98	26000									
SX8408	174	21.6	100	26000	163	152							
JACQUES													
8510	198	23.5	100	26000	188								
9220	200	23.8	96	26000									

Dixon Springs, Bottomland (26,000 plants per acre and 30-inch rows), continued

Brand Hybrid	1992 Results				Average		Brand Hybrid	1992 Results				Average	
	Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	91-92 Yld Bu/A	90-92 Yld Bu/A		Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	91-92 Yld Bu/A	90-92 Yld Bu/A
WHISNAND						ZIMMERMAN (continued)							
74W	206	24.8	100	26000			Z-20	187	23.2	100	22586	183	
85	169	21.5	100	26000	164	162	Z-27	198	23.3	98	26000	172	170
86	183	22.9	100	25869	174	166	Z-36	170	22.7	100	26000	162	164
88	167	19.6	96	26000			Z-54-W	175	24.7	100	26000	173	167
92AW	183	27.3	100	26000	167		Z-61-W	198	23.4	100	26000	188	180
WILSON						ZIMMERMAN							
1890	170	22.6	98	26000	160	164	Z-63-W	207	25.2	98	26000	187	181
2330	187	24.5	100	26000			AVERAGE	183	22.4	100	25769	177	172
ZIMMERMAN						L.S.D. 10% LEVEL . 18 0.7 1 730							
Z-14-W	196	24.9	97	26000	185	172	L.S.D. 30 % LEVEL . 11 0.5 1 460						
Z-16-W	178	24.9	100	26000	169	166	STD ERR OF TRT MN 8 0.3 1 312 9 10						
Z-17-W	192	23.5	100	26000	178	171							

Dixon Springs, Upland-No Till (26,000 Plants and 30-inch row spacing)

Brand Hybrid	1992 Results				Average		Brand Hybrid	1992 Results				Average			
	Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	91-92 Yld Bu/A	90-92 Yld Bu/A		Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	91-92 Yld Bu/A	90-92 Yld Bu/A		
ASGROW						J.M. SCHULTZ									
RX899	188	20.6	100	24442			SX1161	173	20.6	100	25372				
RX908	189	21.5	100	25426			SX1190	192	21.6	100	25078				
RX919	193	22.5	100	25902			LYNKS								
RX947	186	23.1	100	25912			2829	184	21.0	100	25494				
CALLAHAN						2868						196	20.5	100	26000
C7259	179	20.1	100	24849			2952	184	22.4	100	26000				
C7265	189	20.0	100	25837			NORTHRUP KING								
C7269	191	20.0	100	24578			N 8727	179	23.9	100	25194				
C774	173	20.8	100	25867			X 701	177	20.6	100	23078				
C783	171	21.7	100	25832			PIONEER								
CARGILL						3140						216	21.9	100	25770
7697	168	20.3	100	26000			3279	195	20.0	100	26000				
7997	180	21.5	100	24449			3317	204	19.8	100	26000				
8427	183	21.7	100	24179			3394	193	18.3	100	25920				
9027	202	22.4	100	25962			POCKLINGTON								
CIBA-GEIGY						P51A						181	20.5	100	25495
4543	175	21.5	100	26000			P762	157	21.6	100	25127				
4583	177	20.7	100	25750			SOUTHERN CROSS								
4631	178	22.1	100	25116			411	178	21.5	100	25714				
4651	191	22.4	100	25812			412	204	21.3	100	25651				
4671	183	21.7	100	25969			612	191	20.7	100	25462				
CROW'S						SOUTHERN STATES									
488	175	18.7	100	25598			SS793	189	21.3	98	24227				
DEKALB						SS812						186	20.2	100	25658
DK-623	196	19.9	100	25331			STINE								
DK-633	174	17.4	100	25728			1118	170	19.2	100	24026				
DK-646	187	20.4	100	25154			1161	184	20.7	100	24142				
DK-671	190	21.0	100	25167			AVERAGE								
DYNA GRO						185						20.9	100	25413	
5491	169	19.8	100	26000			L.S.D. 10% LEVEL . 15 0.8 1 1883								
HYPERFORMER						L.S.D. 30 % LEVEL . . 9 0.5 0 1183									
HS-9704	180	21.3	100	25731			STD ERR OF TRT MN 6 0.3 0 801								
HS-9773	192	20.4	100	25528											
HS-9843	185	20.6	100	25899											
HS-9905	181	22.8	100	25849											

1992 ILLINOIS GRAIN SORGHUM RESULTS INA SORGHUM HYBRIDS

COMPANY	HYBRID	Yield	Height	Head Compact	Head Exsert	1991 Yield
AGRATECH	712G	114.6	43.7	1.7	3.3	43.9
AGRATECH	GK 802G	119.5	44.0	1.3	1.3	51.1
AGRATECH	805 WG	118.6	46.3	2.0	2.3	68.7
ASGROW	TOPAZ	122.1	45.3	1.3	1.3	43.0
CARGILL	618Y	114.5	44.0	2.0	1.7	53.2
CARGILL	575	120.6	45.7	2.7	1.0	43.4
CARGILL	X10216	98.9	40.7	2.0	1.0	
CARGILL	797	103.2	39.7	1.3	1.0	
CARGILL	837	121.4	47.3	1.7	3.0	18.9
CAVERNDALE	RED BOUNTY	117.1	44.3	1.0	1.7	41.6
CAVERNDALE	RED MESA	91.9	41.0	1.3	1.7	44.1
CIBA-GEIGY	1492	78.8	34.7	2.7	1.0	
CIBA-GEIGY	1506	102.1	48.7	1.0	1.7	
CIBA-GEIGY	1616	125.2	48.3	1.0	1.3	16.3
CIBA-GEIGY	1655	127.9	42.7	1.0	2.3	47.9
DEKALB	DK-40Y	133.5	48.0	2.7	2.3	30.1
DEKALB	DK-41Y	125.1	46.0	1.7	1.0	45.6
DEKALB	DK-56	113.1	45.3	1.3	1.3	36.2
DEKALB	DK-66	115.3	50.0	1.0	1.3	50.8
DEKALB	DK-37	105.9	46.3	2.3	3.3	
DEKALB	DK-60	127.3	50.3	1.0	3.3	
FS BRAND	4012-R	116.3	40.0	1.7	2.7	46.8
FS BRAND	4016-R	126.2	47.0	1.0	1.0	
FS BRAND	4100-R	115.4	43.0	1.7	3.0	
FS BRAND	4120-RE	112.3	47.0	1.0	2.0	
J.M. SCHULTZ	213Y	119.9	46.0	2.3	4.0	
NORTHROP-KING	KS 383Y	100.7	38.3	1.3	1.7	
NORTHROP-KING	KS 555Y	108.0	48.0	1.0	4.7	
STONE	SGS 1035C	109.0	47.0	1.7	3.3	
STONE	SGS 1075	100.2	45.3	1.0	1.0	
Average		113.5	44.8	1.6	2.1	44.0
CV, %		8.0	6.7	25.2	50.6	31.1
LSD 0.10		12.4	4.1	0.5	1.4	18.7

1992 ILLINOIS GRAIN SORGHUM RESULTS
DIXON SPRINGS SORGHUM HYBRIDS

COMPANY	HYBRID	Yield	Height	Head Compact	Head Exsert	1991 Yield	1990 Yield
AGRATECH	712G	143.7	54.7	1.3	6.0	94.1	53.8
AGRATECH	GK 802G	148.6	60.7	1.0	5.7	102.0	51.2
AGRATECH	805 WG	141.9	64.7	2.0	7.7	98.3	59.1
ASGROW	TOPAZ	152.3	62.7	1.0	6.3	93.3	58.8
CARGILL	618Y	135.8	56.0	1.3	6.0	90.4	65.4
CARGILL	575	135.5	60.3	1.7	5.7	68.4	49.8
CARGILL	X10216	142.1	58.7	2.3	8.3		
CARGILL	797	132.5	59.3	1.0	6.7		
CARGILL	837	131.2	63.0	1.3	7.3	94.3	
CAVERNDALE	RED BOUNTY	158.6	61.3	1.0	5.7	97.0	
CAVERNDALE	RED MESA	136.6	55.3	1.0	5.0	78.4	
CIBA-GEIGY	1492	116.9	50.7	3.0	7.0		
CIBA-GEIGY	1506	133.0	72.7	1.7	8.7		
CIBA-GEIGY	1616	151.6	69.3	1.0	7.3	110.4	
CIBA-GEIGY	1655	135.1	62.0	1.0	5.3	93.3	
DEKALB	DK-40Y	142.4	59.7	2.3	5.3	76.5	
DEKALB	DK-41Y	123.2	64.0	2.0	7.3	69.2	
DEKALB	DK-56	134.4	66.7	2.0	7.3	85.8	52.3
DEKALB	DK-66	138.9	71.3	1.0	4.0	102.6	60.1
DEKALB	DK-37	140.9	64.0	1.7	8.0		
DEKALB	DK-60	140.5	66.0	1.0	7.3		
FS BRAND	4012-R	140.5	55.3	1.0	8.7	88.5	55.6
FS BRAND	4016-R	145.4	68.0	1.0	4.3	91.9	
FS BRAND	4100-R	138.7	56.7	1.0	6.3		
FS BRAND	4120-RE	153.3	59.0	1.0	4.3		
J.M. SCHULTZ	213Y	133.3	65.3	2.0	10.0		
J.M. SCHULTZ	215	120.5	63.7	1.0	4.0		
J.M. SCHULTZ	216G	141.8	56.0	1.0	3.0		
NORTHRUP-KING	KS 383Y	122.5	56.0	1.0	4.3		
NORTHRUP-KING	KS 555Y	139.7	63.3	1.0	8.3		
TRIUMPH	65G	152.4	57.7	1.0	6.3		
Average		138.8	61.4	1.4	6.4	91.0	60.6
CV, %		5.8	3.5	20.5	26.4	11.8	15.6
LSD 0.10		11.0	2.9	0.4	2.3	14.6	12.9

