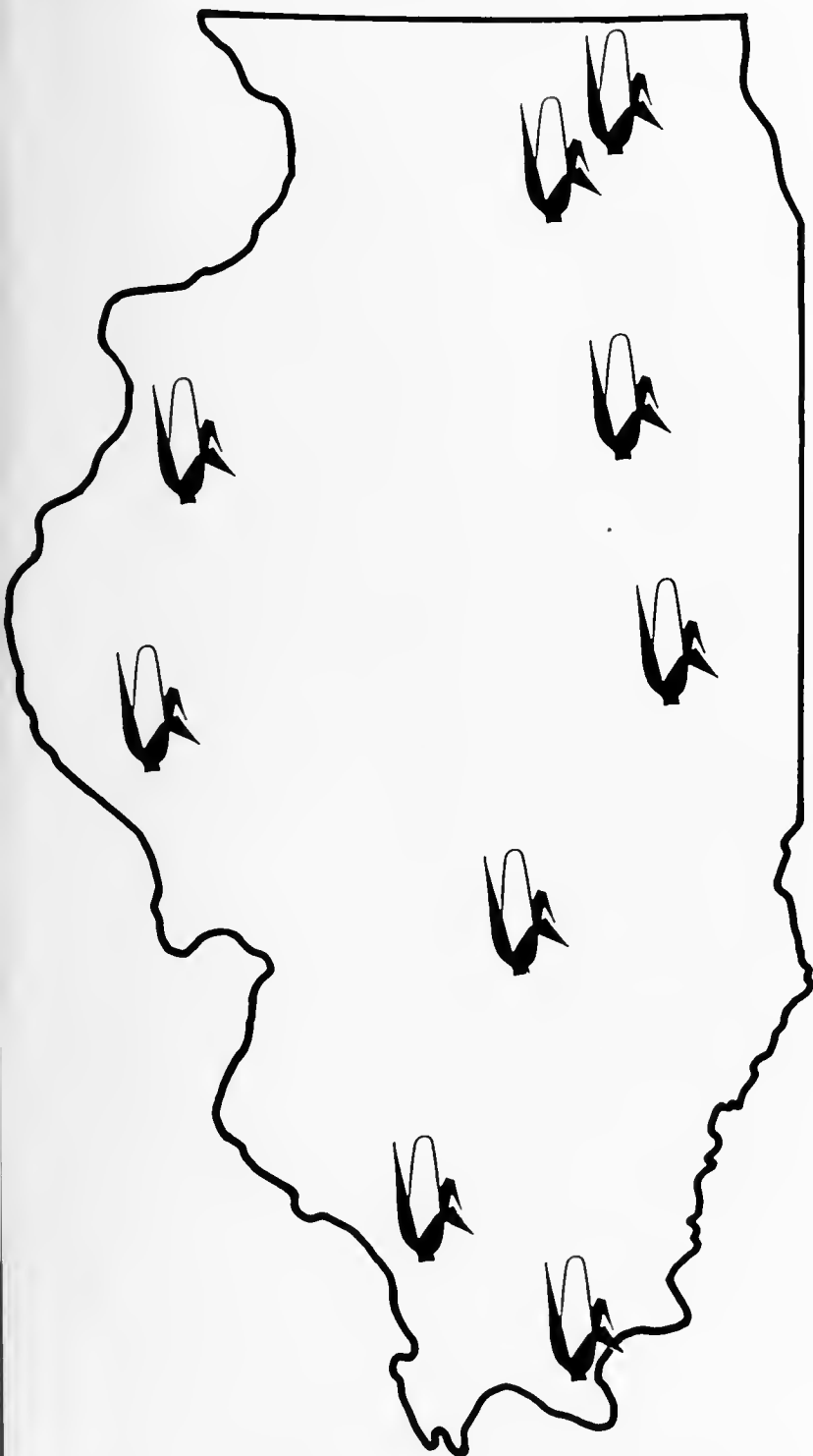


Corn and Sorghum Hybrid Test Results in Illinois - 1994



*Performance
Information Provided by*

*Dept. of Agronomy
College of Agriculture
at the
University of Illinois*

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PERFORMANCE OF COMMERCIAL CORN AND SORGHUM HYBRIDS IN ILLINOIS, 1994

(With 1992 and 1993 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 \$65 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 1994, 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 693 hybrids from 85 companies tested in 1994.

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, Monmouth, Perry and Dixon Springs 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 either 22 or 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.

Head Exsertion. Sorghum hybrids were measured in late August for length of seed head exsertion from the flag leaf to the base of the seed head (expressed in inches).

Plant Height. Sorghum hybrids were measured in late August from the ground to the top of the seed head (expressed in inches).

Head Compactness. Sorghum hybrids were rated in late August for seed head compactness. A rating of 1 was given for tightly compacted seed heads, 2 for moderate compactness, 3 for loose compactness.

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."

The L.S.D. is a number expressed in bushels per acre and presented following the average yield for each location. L.S.D.'s of 10% and 30% are shown, if the 10% L.S.D. is used, decisions made are true 9 out of 10 years, the 30% L.S.D. will be true 7 out of 10 years. The 30% L.S.D. is a smaller number and will include fewer hybrids in the 'top group'. Decide the L.S.D. level that is best for your farm and find the highest yielding hybrid at the location, subtract the chosen L.S.D. level from the highest yielding hybrid, every hybrid with a greater yield than the resulting number is 'statistically the same' as the highest yielding hybrid. Consider the merits of the hybrids in this group when making hybrid selections.

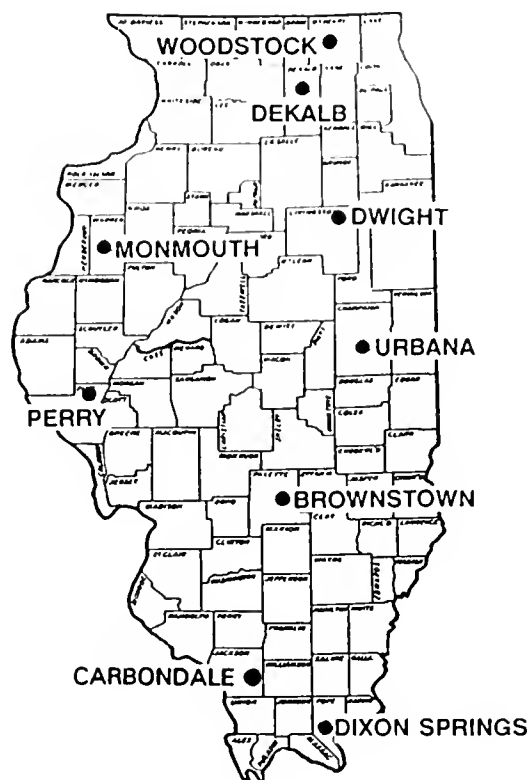
In a study of the frequencies of occurrence of three types of statistical errors and their relative seriousness, Carmer² found strong arguments for an optimal significance level in the range $\alpha = 0.20$ to 0.40 , where α is the Type I statistical error rate for comparisons between means that are 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.

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.

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.



SUMMARY OF ILLINOIS HYBRID CORN TESTS, 1994

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, 24,000 plants per acre						
Brownstown: Fayette, S, 152	5/16	9/29,10/3-5	145	20.3	100	23,728
Carbondale No-Till: Jackson, Ex.S, 106	5/18	10/7	149	22.4	99	23,584
30-inch rows, 24,000 plants per acre						
DeKalb: DeKalb, N, 215	4/21	10/19,20	213	20.0	99	27,793
Dwight: Livingston, ENC, 255	4/20	10/10,11	187	21.0	98	27,926
Monmouth: Warren, WNC 256	5/3	10/11,12	211	19.4	99	27,804
Urbana: Champaign EC, 326	5/17	10/18,21,25	198	23.0	100	27,843
30-inch rows, 26,000 plants per acre						
Woodstock: McHenry, Ex.N, 132	4/25	10/20	191	20.7	99	25,849
Perry: Pike, WSC, 136	5/13	10/13,14	210	21.6	100	25,668
Dixon Springs Bottomland: Pope, Ex.S, 100	5/20	10/6	190	23.1	100	25,919
Dixon Springs Upland - No-Till: Pope, Ex.S, 71	5/20	10/6	155	21.8	99	24,960

1994 TEST FIELDS

Woodstock

Location: Northeastern Illinois (cool, humid).
Soil type: Proctor silt loam (fertile, deep, well-drained, dark prairie).
Planting date: April 25.
Harvest date: October 20.
Cooperators: Hughes Farms and Seed Company; David Hughes and Donald Hughes.

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: April 21.
Harvest date: October 19 & 20.
Cooperators: Lyle Paul, research director; David Lindgren, farm foreman.

Dwight

Location: Livingston County.
Soil type: Elliott silty clay loam.
Planting date: April 20.
Harvest date: October 10 & 11.
Cooperators: Larry and Louis Zabel.

Monmouth

Location: University of Illinois, Northwestern Illinois Agricultural Research and Demonstration Center.
Soil type: Muscatine silt loam.
Planting date: May 3.
Harvest date: October 11 & 12.
Cooperator: Mike Mainz, research director; Roland Caulkins, farm foreman.

Urbana

Location: University of Illinois Agronomy South Farm, Champaign County, east central Illinois.
Soil type: Flanagan silt loam.
Planting date: May 17.
Harvest date: October 18, 21, 22, & 25.
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 13.
Harvest date: October 13 & 14.
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 16.
Harvest date: Sept. 29 & 30, Oct. 3 - 5.
Cooperators: Kevin Barber, Sr. Res. Spec., Jim Carter, farm foreman.

Carbondale

Location: Southern Illinois University Agronomy Research Center, extreme southern Illinois.
Soil Type: Weir silt loam. (shallow, silty loam over claypan).
Planting date: May 18.
Harvest date: October 7.
Cooperators: Paul Pinnon, field manager; George Kapusta, agronomist.

Dixon Springs

Location: University of Illinois Dixon Springs Agricultural Center, Pope County, extreme southern Illinois.
Soil type: Sharon silt loam (light-colored, moderately well drained, medium-textured bottomlands).
Planting date: May 20.
Harvest date: October 6.
Cooperators: Steve Ebelhar, research director; Ron Hines, research specialist.

GROWING SEASON RAINFALL, 1994

<u>Location</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>
Woodstock	0.71	3.54	4.05	6.60	1.46
DeKalb	0.80	7.04	2.55	4.92	2.15
Dwight	1.15	2.45	5.05	3.00	2.50
Monmouth	2.27	3.24	3.90	2.59	1.20
Urbana	4.11	2.19	1.00	3.62	2.98
Perry	2.50	5.48	1.29	3.79	1.90
Brownstown	0.75	4.62	2.69	0.98	2.70
Carbondale	0.37	5.17	0.97	7.21	3.11
Dixon Springs	0.61	4.01	2.36	3.87	2.76

SOURCES OF SEED

Adler Hybrids, Adler Seeds, Inc., R.R. 1, Box 403, Sharpville, IN 46068
Agra-Tech Hybrids, Agratech Seeds, Inc., 5559 N. 500W, McCordsville, IN 46055
Agrigold Hybrids, Akin Seed Company, R.R. 1, St. Francisville, IL 62460
Ainsworth Hybrids, Ainsworth Seed Co., R.R. 1, P.O. Box 153, Mason City, IL 62664
Asgrow Hybrids, Asgrow Seed Co., 7000 Portage Road, Kalamazoo, MI 49001
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
C.A.M. Hybrids, C.A.M., 42W814 Rohrsen Rd., Plato Center, IL 60170
Cargill Hybrids, Cargill, Inc., P.O. Box 5645, Minneapolis, MN 55440
Caverndale Sorghum Hybrids, Caverndale Farms, Inc., 1921 Bluegrass Rd., Danville, KY 40422
CFS Hybrids, Custom Farm Seed, P.O. Box 160, Momence, IL 60954
CIBA Hybrids, CIBA Seeds, P.O. Box 18300, Greensboro, NC 27419

SOURCES OF SEED, Continued

- Cornelius Hybrids**, Cornelius Seed Corn Co., 31578 150th St., Bellevue, IA 52031
- Crow's Hybrids**, Crow's Hybrid Corn Co., Box 306, Milford, IL 60953
- Dairyland Hybrids**, Dairyland Seed Co., Inc., P.O. Box 958, West Bend, WI 53095
- DeKalb Hybrids**, DeKalb Genetics Corp., 3100 Sycamore Road, DeKalb, IL 60115
- Dekalb Sorghum Hybrids**, Dekalb Genetics Corp., Rt. 2, Box 56, Lubbock, TX 79415
- DowElanco Hybrids**, DowElanco, 1562 Taylor, Marshalltown, IA 50158
- Dyna Gro Hybrids**, Cole Grower Service, P.O. Box 7211, Madison, WI 53707
- Exseed Hybrids**, Exseed Services, 43 Oak St., P.O. Box 272, Bristol, IL 60512
- Federal Hybrids**, Federal Hybrids, 5420 35th Ave., Marion, IA 52302
- Freedom Hybrids**, Freedom Seed Co., US Rte. 24 East, Astoria, IL 61501
- 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
- Good Buddy Hybrids**, Good Buddy Seeds, P.O. Box 306, Mt. Orab, OH 45154
- Great Heart Hybrids**, Great Heart, 220 W. Washington, Paris, IL 61944
- Griffith Pure Line Hybrids**, Griffith Seed Co., 7th & Theadore, Box 38, McNabb, IL 61335
- Growmark Hybrids**, Growmark, Inc., 1701 Towanda Ave., Bloomington, IL 61701
- Gutwein Hybrids**, Fred Gutwein & Sons, Inc., R.R. 1, Box 40, Francesville, IN 47946
- 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 Seeds 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, One Hwy. Crop Row, Memphis, TN 38120
- ICI Hybrids**, ICI Seeds, 6945 Vista Dr., Des Moines, IA 50266
- J.M.S. Hybrids**, J.M. Schultz Seed Co., 105 N. Pine St., 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., Hwy. 20 East - Box A, Dike, IA 50624
- Kruger/Challenger Hybrids**, Challenger Seed Co., P.O. Box 747, Cedar Falls, IA 50613
- Leader Hybrids**, Leader Seeds Inc., 7160 S.R. 118, Celina, OH 45822
- Lewis Hybrids**, Lewia Hybrida, Inc., Box 38, Ursa, IL 62376
- LG Hybrids**, LG Seeds, Inc., Elmwood Service Center, 22827 Shissler Rd., Elmwood IL 61529
- L. Herried Hybrids**, L. Herried Seeds, 925 Dexter St., Box 216, Prescott, WI 54021
- Lynks Hybrids**, Lynks Seeds, P.O. Box 637, Marshalltown, IA 50158
- Masters Choice Hybrids**, Masters Choice Hybrids, P.O. Box 51, Carrollton, IL 62016
- McAllister Hybrids**, McAllister Seed Co., Inc., 1307 N. Broadway, P.O. Box 28, Mt. Pleasant, IA 52641
- Merschman Hybrids**, Merschman Seeds, 103 Ave. D, West Point, IA 52656
- Mycogen Hybrids**, Mycogen Plant Sciences, 720 St. Croix St., Prescott, WI 54021
- Noble-Bear Hybrids**, NobleBear, Inc., N Wyckles Rd., P.O. Box 950, Decatur, IL 62525
- Northrup-King Hybrids**, Northrup-King Co., 1324 East Empire, Bloomington, IL 61701
- Payco Hybrids**, Interstate Payco Seed Co., P.O. Box 338, West Fargo, ND 58078
- 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
- Premium Hybrids**, Premium Seed, Inc., P.O. Box 218, Berwick, IL 61417
- Quality Plus Hybrids**, Quality Plus Seed Co., 711 North I, Monmouth, IL 61462
- Querna Hybrids**, Querna Seed Co., Inc., 21783 Hwy. 34, 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
- Sieben Hybrids**, Sieben Hybrids, Inc., 633 N. College Ave., Geneseo, IL 61254
- 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
- Stewart Hybrids**, Stewart Hybrids, Inc., Rt. 1, Box 8, Princeville, IL 61559
- Stine Hybrids**, Stine Seed 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
- Sunstar Hybrids**, Sunstar Hybrids, 14993 State Road 17, Culver, IN 46511
- Terra Hybrids**, Terra International, Inc., 600 4th St., Sioux City, IA 51101
- Trisler Hybrids**, Trisler Seed Farms, Inc., 3274E 800N, Fairmount, IL 61841
- Triumph Hybrids**, Triumph Seed Co., Inc., P.O. Box 1050, Ralls, TX 79357
- Twin States Hybrids**, Twin States Seed Co., Box 248, 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
- Van Horn Hybrids**, Van Horn Hybrids, Inc., P.O. Box 380, Cerro Gordo, IL 61818
- Vigoro Hybrids**, Vigoro Industries Inc., P.O. Box 177, Sigourney, IA 52591

SOURCES OF SEED, Continued

Vineyard Hybrids, Vineyard Seed Co., Inc., P.O. Box 139, Sidney, IL 61877

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., R.R. 4, 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

1994 ENTRIES

COMPANY HYBRID	TRIALS ENTERED*	COMPANY HYBRID	TRIALS ENTERED*	COMPANY HYBRID	TRIALS ENTERED*
ADLER		ASGROW, continued		CARGILL	
6160	3,5,7	RX770	3,4,5,6,8,9,10	4277	1
7815	3,5,7	RX775	4,5,6,8,10	4327	1,2
AGRIGOLD		RX783	6	5547	1
A6400	1	RX801	3,4,5,6,7,8,9,10	5677	1,2,3,4,5,6
A6375	1	RX896	8,9,10	6303	1,2,3,4,5,6
XA5324	1	RX897	5,6,7,8,9,10	6327	3
XA6208	1	RX899	5,6,7,8,9,10	7557	2,4,5,6
A6430	2	BECK'S		7777	2,3,4,5,6,7,8,9,10
A6380	2	5101	1,2	7897	2,3,4,5,6,7,8,9,10
A6425	2,3,4	5202	1,2	7997	3,4,5,6,7,8,9,10
XA5222	2	57	2	8327	3,4,5,6,7,8,9,10
XA4217	3,4,5	68	3,4,10	7877	2,3,4,5,7,9,10
A6485	3	6060	3,5	9027	5,6,7,8,9,10
XA5323	3,4	6111	3,4,5	8936	7,8,9,10
XA4307	4	0603	4,5,10	CIBA SEEDS	
XA4306	5	7101	6,7,8,9	4273	1,2
A6450	5	82 MVP	7,8,10	4372	1,2,3,4,5
XA3306	5	81 MVP	9	4394	1,2,3,4,5
AGRATECH		1485	2	4494	2,3,4,5,6,7
654	3,4,5	8808	9,10	4581	5,6,7,9,10
660	3,4	BO-JAC		4651	6,7,8,9,10
686	3,5	1401	1,2	4671	6,7,9,10
737	5	2407	1,2,3,4,5	4225X	4,5,8
757	5,9	1409	2,4	4227X	4,5,6,9
774	5,7,8	299	1,2,4	5147X	5,6,9
790	7,8	427	2,3,4,5	CFS	
787	4,5,8,9	438	1,2,3,4,5	6044	2
810	7,8,9	520	3,4,5,6	7537	2,3,5
2846	3,4,5	577	3,4,5,6,7,8	6333	3,5
2856	5	615	6,7,8	7727	3,5
3570	3	592	3,4,5	CORNELIUS	
3653	3,4,5	629	6,7,8	C585	1
AINSWORTH		BURRUS		C545	1,2
X-112	3,5	BX58	2,3	C611A	1,2
X-113	4,7	BX61	2,3,5	C615	2,3,4
X-210	5,6	BX62	4	C731	4
X-211	4,5	BX64	5,6	C567	2
X-214	3,5	BX69	3	C498	1
X-219	7	BX74	5	CROW'S	
X-307	3,4,5	BX80	4,7	204	1,2
X-308	3,4,5	BX83	6,8	375	1
X-312	4,5,6,7	BX87+	6	435	1,2,3
X-315	4,5,6,7	BX93	7,8	445	1,2,5,6
X-808A	6	C.A.M.		401	1,2,3,4,5,7
ASGROW		EXP1103	2,3	490	2,3,4,5,6,7,8,9,10
RX502	1	EXP1107	2,3	494	1,2,3,4,5,8
RX623	1,2,3,8,10	EXP1111	2,3	510	3,4,6,7,8,9,10
RX707	1,2,3	EXP1118	2,3	667	4,5,6,7,8,9,10
RX743	8,9,10	EXP1120	2,3	668	3,4,5,6,7,9,10
RX747	3,4,5,7			669	8

*See page 10 for key to trial locations

1994 ENTRIES

COMPANY	COMPANY	COMPANY
HYBRID TRIALS ENTERED*	HYBRID TRIALS ENTERED*	HYBRID TRIALS ENTERED*
CROW'S, continued	FREEDOM	HENKEL, continued
702 6,7,8,9,10	5504 4,5,6	H-1621 1,2,3
DAIRYLAND	5575 4,5,6	H-168 1,2,3
STEALTH-1203 1	5666 4,5,6,7	H-1851 1,2,3,4
STEALTH-1108 1,2	5695 5,6,7	H-172 3
STEALTH-1205 2	5697 7	H-2261 3,4
STEALTH-1209 2,3,4,5	FREY	HOBLIT
STEALTH-1212 2,3,4,5	510 5	421 4,5
STEALTH-1114 3,4,5	FX69 5	528 4,5,7
STEALTH-1115 4,5	GOLDEN HARVEST	515 5
DST 11041 1,2	EX 702 3	HUBNER
DX1110 1,2	H-2390 1,3,5	H3405 5
STEALTH-1400 1	H-2441 1,2	H3107 5
STEALTH-1405 1,2	H-2485 3,4	H3111 5
STEALTH-1407 1,2	H-2514 1,2,3,4,6	H3213 5
STEALTH-1198 1	EX 587 5	H3413 5
DST 10907 1,2	EX 589 5,6	HUGHES
DST 11203 1,3	H-2530 1,2,5	3134 1
STEALTH-1118 4	EX 476 2	3129 1
DST 12010 4,5	H-2553 3,4,5,6	3485 1,2
DEKALB GENETICS	H-2548 6,7,8	3885 1
DK-646 4,5,6,7,8,9,10	EX 450 5	5393 1
DK-668 6,7,8,9,10	H-2567 4,5	5500 2
DK-683 8,9,10	H-2573 5,6,7,8	D-34 1,2,3,4
DK-569 3	H-2583 7,8	5695 2,3,4
DK-580 1,2,3,4,5	EX 421 7	6225 2,3,4
DK-591 2,3,4,5,6,7,8,9,10	H-2611 5,7,8	E-213 3,4
DK-527 1,2	H-2622 5	HYPERVERFORMER
DK-560 1,2,3	H-2641 6,7,8	HY-9475 3,5
DK-604 2,3,4,5	H-2647 7	HY-9487 3,4,5
DK-623 3,4,5,6,7,8,9,10	GOOD BUDDY	HS-9502 9
DK-626 3,4,5,6,7,8,9,10	GB208 7	HY-9610 3,4,5,7
DK-642 4,5,6,7,8,9,10	GB304 7	HS-9704 10
DK-512 1,2	GB306 7	HS-9773 8
DK-554 1,2	GB404 7	HS-9822 9
DOWELANCO	GB414 7	HS-9843 3,4,5,7,8,9,10
XHP 17193 4,5,6,7,8,9,10	GB416 7	HS-9848 7,9
XHP 17194 4,5,6,7,8,9,10	GREAT HEART	HS-9905 10
XHP 18069 5,6,7,8,9,10	H 695 5	ICI SEEDS
XHP 18070 7,8,9,10	HX 0412 5	8612 1
XHP 18071 7,8,9,10	GRIFFITH PURE LINE	8570 1,2
DYNA GRO	PL 123 2,3	N8541 1,2,3,4,5
5491-IPRO 1,2,4	PL 125 3,4,5	8543 1
EXSEED	PL 235 3,4	8501 2,3
XS-1051 1,2	PL 237 3,4,5	8513 2,3,4,5,6,7,9
XS-1081 1,2	PL 255 3,4,5	8539IT 1
XS-1095 1,2	PL 275 3,4,5	8481 2,3,4,5,6,7,8,10
XS-1101 2,3,4,5	PL 222 2,3,4	8400 2,3,4,5,6,7
XS-1104 3,4,5	PL 244 3,4,5	8382 4,5,6
XS-1122 2,3,4,5	3226 2,3,4	8321 5,6
XS-1132 3,5	GROWMARK	8326 7
XS-1133 5	FS 2492 1	8281 8,9,10
FEDERAL	FS 4274 2	J.M. SCHULTZ
FX37EA 1	FS 4664 2,3,4	SX1110 3,10
FX35 1	FS 6345 3,4	EXP583 3,5
FX35A 1	FS 6650 3,4,5	EXP573 3,5
FX37E 2	FS 6780 5,6	EXP577 5
FX37G 2	FS 6983 5,6,7	SX1140 5,6,8
FX29A 2	FS 8246 7,8,9,10	SX1100 6,10
FX37A 2	FS 8356 8,9,10	EXP2275A 6,7,8,9
FX40G 4	GUTWEIN	SX1142 7,8,9
FX39C 4	2494 2,4	SX1163 7,8,9,10
FX40F 4	HENKEL	JUNG
	H-1100 1,2	2794 1,2

*See page 10 for key to trial locations

1994 ENTRIES

COMPANY HYBRID	TRIALS ENTERED*	COMPANY HYBRID	TRIALS ENTERED*	COMPANY HYBRID	TRIALS ENTERED*
JUNG, continued		LG SEEDS, continued		NOBLE-BEAR	
2596	1,2	LG 2632	5,6,7	NB468	2,3,4,5
2662	1,2	LG 2705	5,6,7	NBEXP537	1,2
KALTENBERG		LEADER		NBEXP583	1,2,3,5
K 5901	1	SX560	5	NBEXP577	2,3,4,5,6
K 6209	1	SX580	5	NBEXP573	3,4,5,6
K 6909	1,2,3	LEWIS		NB7242	4,5
K 7109	2,3	8492	6,7	NB814	7
K 7409	3,4,6	4712	3,4,5,6	NB7944	7
K 7808	4	4284	3,4	NORTHROP KING	
K 7609	4,6	4727	3,4,5	N 4242	1,2
K 7509	4,6	3804	2,3	X 4263	1,2
KRUGER		5584	4,6	N 5220	1,2,3
K9410	2	5643	6	N 5901	2,3
K9511	2	LYNKs		N 6822	2,3,4,5
K9412	2	2494	1	N 7448	3,4,5,6,7
K9512	2,3,4,5	2550	1	N 7707	4,5,6
K9512B	2,3,4,5	2595	1,2	X 7782	4,5,6,7,8,9,10
K9513	2,3,4,5	2636	1,2	N 7992	9,10
K9414	2,3	2667	2,4,5	N 7989	8,10
K9514	2,3,4,5	2656	2,4,5,7	PAYCO	
K9315B-PT	4,5	2759	2,4,5,6,7	734	1,2
K9415A	2,3,4,5	2829	6,9,10	754	1,2,3
K9515	3,4,5	2807	4,5,6	814	1,2
K9516	3,5	2868	6,7,9,10	834	2,3,4,5,6
K9516A	4	MASTERS CHOICE		842	3,5
K9616	3,4,5	MC605	4,6	903	3,4,5,6,7
K9416	5	MCALLISTER		EX9031	3,4,5,6
K9417	3,4	EXP583	4	952	6,7
K9319	4	EXP573	4	PFISTER	
K9320	4	SX9414	4	1563	1
K9320A	3,4,5	MERSCHMAN		2248	1
K9320B	5	M-3097	1	2260	1,2,3,4,5
K9620	4,5	M-4104	1,2	2277	1,2,3
KSC/CHALLENGER		M-4105	2,3	2650	2,3,4,5,6
K9506	2	M-4106	2,3	2725	5
K9507PT	2	M-2106	1,2,3	3333	8
K9607	2	M-4108	2,3	3336	2,3,4,5,6,7
K9508	2,3	M-4109	2,3,4	3965	6,7,8
K9509	2,3	M-4111	2,3,4,5	PIONEER	
K9410	3	M-3112	2,3,4,5	3769	1,2
K9511	3	M-4112	2,3,4,5,6	3563	1,2,3,4,5
K9412	3	M-4113	4,5,6	3525	1,2,3,4,5
K9512A	2,3	M-3114	2,3,4,5	3489	1,2,3,4,5,6,7,8,9
K9513A	2,3	M-3115	3,4,5,6,7	3394	1,2,3,4,5,6,7,8,9,10
K9413	3	M-3116	4,5,6,7	3357	1,2,3,4,5
K9314A	3	M-4116	6,7	3346	2,3,4,5
K9415	3,5	M-3117	4,5,6,7	3317	4,5,6,7,8,9,10
K9315B-PT	2,3	M-3120	4,5,6,7	3279	3,4,5,6,7,8,9,10
K9315B	4	MYCOGEN		3245	5,6,7,8,9
K9417	5	5150CB	1,2	3140	9,10
K9319	5	5440	1	3162	4,5
L. HERRIED		5480	1	3163	4,5,6,7,8,9,10
9299	1	6220	2,3	POCKLINGTON	
9304	1,2	6970	2	P3311	4,5
LG2537	1,2	6890	2,3	P3471	4,5,6
9310	2	7460	3,5	P3891	4
LG SEEDS		7660	4,5,7	P4621	4,5,6,7,8
LG 2535	1,2	7885	4,5,6,7,8,9	P4891	4,5,7,8
LG 2541	1,2	8240	5,6,7,8,9	P5221	5,7,8
LG 2560	1,2,3,4	9220	8	P5411	5,8
GR-8 170	3,4	AG 7720	6,9	P6021	6,7,8
LG 2561	3,4,5,6	EXP4790	4	P3391	5
LG 2621	3,4,5,7				

*See page 10 for key to trial locations

1994 ENTRIES

COMPANY HYBRID TRIALS ENTERED*	COMPANY HYBRID TRIALS ENTERED*	COMPANY HYBRID TRIALS ENTERED*
PRAIRIE STREAM	SOUTHERN CROSS, continued	TERRA, continued
X6072 2	912 8,9,10	TR 1185 6,7,8,9,10
X2272 2	SOUTHERN STATES	TR 641E 6,7,8,9,10
X6059 2	XP54003 9,10	TR 702E 6,7,8,9,10
SX420 2	SS943 9,10	TRISLER
SX555 5	SPARTA	T-2985 3,5
SX556 5	5521 4	T-5243 3,5
SX701 5	5535 4	T-5235A 3,5
SX704 5	X544 4	T-5245 3
SX752 5	5575 4	T-5233 3,5
X2212 5	SPECIALTY GRAINS	T-5265 3,5,7
X2251 5	3100 5,7	T-5270 3,7
PREMIUM	STEWART	T-5290 5
P205 2	9312 3,4,5	T-5330 7
P232 5	9413 4,5,7	T-5315 5,7
P234 5	94SIL 7	T-5335 5,7,9
P266 5	9514 5	T-5370 7
P267 4,5	9512 4,5	T-5375 5
P269 4,5	9414 4,5,7	T-5410 7,9
P285 5	9213 7	T-5345 5,7
QUALITY PLUS	STINE	T-5390 3,5,7
Q2110 4	1195 10	T-5430 7,9
Q2111 4	1181 6,7,8,10	T-4114W 5
Q3112 4	1179 4,5,6,7,9	TRIUMPH
Q3116 4	1145 4,5,6	2010 7,8,9
QUERNA	1133 4,5,6	1452 7,8,9
7220 4,5	1131 3,4,5,6,7	TWIN STATES
7290 4,5	1115 3,4,5	TS 3244 5
7300 4,5	1105 2,3,4,5	TS 3261 5,7
7730 4,5	1076 1,2	TS 3293 5,7
7870 4,5	994 1	TS 3313 5
7310 4,5	92-2312X 2,3,5	TS 3364 5,7
7670 4,5	94-4314X 5	TS 3370 5,7
7130 4	93-705X 7,8,9	TS 3375 5,7
7410 4	92-282X 9	TS 3377 5,7
7510 4	93-2017X 1	UNITED FARMERS
RENK	92-302X 5,7,9	U-101 2,3
RK657 1	STONE	U-360 2,3
RK714 1,2	EX375 4,5,7	U-370 3,4
RK696 1	EX257 3,4,5,6	U-371 2,3,4
RK812 1,2,3	EX250 3,5	U-375 3,4
RK886 2,3,4	EX359 4,5,6	U-400 2,3,4
RK835 2,3,4	SX366 5,7	U-500A 3,6
RK646PT 1	SX328 4,5,7	U-505 3,4,6
RK802 1,2	SX262 3,4,5	U-515 3,4,6
ROESCHLEY	SX380 5,6,8	U-535 3,4,6
RX27 2,3	STURDY-GROW	U-555 3,4,6
RX442 3,5	797W 5	EX-307 2,3
RX394 2,3,5	816 5	UNITY
RX58 5	SUNSTAR	6285 5,8
RX162 2	4508 3,4,5	6293 5,8
SIEBEN	4509 3,4	6615 8
7624 2	4312 3,4,5	VAN HORN
7664 2,3	4314 5	VH5540 3,5
25XS 2,3	EX2100 3,4	VHX409 3,5
37XS 3,4	TERRA	VH5430 3
7710 2,3,4	E 1031 1,2	VH272 5,7
7714 2,3,4	TR 1070 1,2,3,4	VH5730 5,7
7733 3,4	E 1091 2,3,4	VH5830 7
7739 4	E 1126 3,4,5	VIGORO
7752 4	E 1130 3,4,5	V1084 2,5
SOUTHERN CROSS	TR 1145 4,5,6	V1105 2,5,8
412 8,9,10	TR 1167 4,5,6,7,8,9,10	V1135 5,8
612 8,9,10	E 1168 5,6,7,8,9,10	V1165 8

*See page 10 for key to trial locations

1994 ENTRIES

COMPANY HYBRID	TRIALS ENTERED*	COMPANY HYBRID	TRIALS ENTERED*	COMPANY HYBRID	TRIALS ENTERED*
VINEYARD		WHISNAND		WYFFELS, continued	
V 414W	2,3,5	83A	5	W726	3,5
V 438W	5	85	5,9	W794	3,4,5
V 442W	5	86	5,9	ZIMMERMAN	
V 424W	5	88	5	Z-21	8,9
V 449W	5	89	5,9	Z-27	8,9
V 453W	9	51AW	5	Z-29	8,9
V 58W	9	74W	5,9	Z-62-W	8,9
V 448W	5,9	92AW	9	Z-63-W	8,9
FC 521	2,3,5,9	WILKEN		Z-64-W	8,9
WHATA HYBRID		640	3,5		
419	1,2,3	830	3,5		
498	1,2,3	950	3,5		
499	1,2,3	1120	3,5		
512	1,2	1151	3,5		
509	3	EX602	3,5		
511	2,4,5	WILSON			
539	2	1760	4		
5219	2	1750	5,6		
540	3	D-118	5,6,7,8		
5229	3	D-119	6,7,8		
549	2	2330	6,7,8		
5498	2,3,4,5	WYFFELS			
5499	2,3,4,5	W208	1		
554	3	W552	1,2,3,4,5		
4500	1	W587	1,2,3,4,5		
5500	5	W711	2,3,4,5		

- *1 = WOODSTOCK - 26,000
- 2 = DEKALB - 28,000
- 3 = DWIGHT - 28,000
- 4 = MONMOUTH - 28,000
- 5 = URBANA - 28,000
- 6 = PERRY - 26,000
- 7 = BROWNSTOWN - 24,000
- 8 = CARBONDALE, NO-TILL - 24,000
- 9 = DIXON SPRINGS, BOTTOMLAND - 26,000
- 10 = DIXON SPRINGS, UPLAND NO-TILL - 26,000

Woodstock (26,000 plants per acre and 30-inch rows)

Brand Hybrid	1994 Results				Average 93-94 92-94		Brand Hybrid	1994 Results				Average 93-94 92-94	
	Yld Bu/A	% H ₂ O	Erect Plts% /Acre	Plts /Acre	Yld Bu/A	Yld Bu/A		Yld Bu/A	% H ₂ O	Erect Plts% /Acre	Plts /Acre	Yld Bu/A	Yld Bu/A
AGRIGOLD						CORNELIUS							
A6375	198	18.9	99	25895			C498	215	20.5	99	25347		
A6400	195	22.5	100	26000			C545	195	21.2	100	25731		
XA5324	203	20.7	99	26000			C585	200	23.2	100	26000	148	
XA6208	186	21.0	97	25215			C611A	191	20.8	98	26000	139	
ASGROW						CROW'S							
RX502	182	19.4	98	25988			204	201	19.4	99	25603		
RX623	192	21.8	99	26000	143	143	375	182	20.6	97	26000	137	
RX707	210	23.5	99	26000	139	140	401	210	24.4	100	25952	147	149
BECK'S						DAIRYLAND							
5101	189	23.2	100	25747			DST 10907	193	23.6	99	24685		
5202	201	23.1	100	25993			DST 11041	178	21.3	100	25713		
BO-JAC						DEKALB GENETICS							
1401	200	21.9	100	25974			DK-512	197	17.7	100	26000	147	
2407	213	24.1	99	25772			DK-527	188	17.1	98	25985		
299	195	20.4	97	26000	143		DK-554	196	19.5	100	25950	148	147
438	193	23.7	100	25996			DK-560	196	20.9	98	25998		
CARGILL													
4277	210	20.5	100	25844	152								
4327	201	20.0	98	26000	157	163							
5547	204	21.4	100	25995	149								
5677	198	21.6	97	25990									
6303	207	20.2	99	26000									
CIBA SEEDS													
4273	188	18.5	100	26000									
4372	194	21.0	100	25982	136	141							
4394	206	22.4	100	25991	145								

Woodstock (26,000 plants per acre and 30-inch rows), continued

Brand	Hybrid	1994 Results				Average		Brand	Hybrid	1994 Results				Average	
		Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	93-94 Yld Bu/A	92-94 Yld Bu/A			Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	93-94 Yld Bu/A	92-94 Yld Bu/A
DEKALB GENETICS, continued							MERSCHMAN, continued								
	DK-580	194	20.4	99	25999	144		M-4104	177	18.7	99	25984			
DYNA GRO							MYCOGEN								
	5491-IPRO	201	23.9	100	26000	148	146	5150CB	164	17.9	100	25212			
EXSEED															
	XS-1051	191	21.0	100	26000			5440	187	22.6	100	25885			
	XS-1081	153	25.8	97	21805			5480	181	20.7	97	26000	140		
	XS-1095	186	23.7	100	25996			NOBLE-BEAR							
FEDERAL															
	FX35	169	18.7	99	25996	127		NBEXP537	200	21.1	99	25729			
	FX35A	145	16.7	98	25989	93	109	NBEXP583	202	24.0	100	26000			
	FX37EA	144	17.7	100	25830			NORTHROP KING							
GOLDEN HARVEST															
	H-2390	183	18.7	96	26000	130		N 4242	192	16.8	99	26000			
	H-2441	183	20.5	98	25599	141	145	N 5220	196	20.4	99	26000	129		
	H-2514	217	23.2	100	25992	151		X 4263	182	18.0	100	26000			
	H-2530	199	22.3	97	25997	149		PAYCO							
GROWMARK															
	FS 2492	184	19.5	99	25898			734	205	20.4	100	26000			
HENKEL															
	H-1100	174	17.2	98	25987			754	198	21.9	100	26000			
	H-1621	202	20.6	98	25987	138		814	197	23.3	100	25981	141		
	H-168	196	21.9	99	26000	151	159	PFISTER							
	H-1851	211	24.1	100	26000	144		1563	173	17.0	100	25856			
HUGHES															
	3129	178	17.0	100	25992			2248	187	21.7	100	25756			
	3134	184	17.5	98	25639			2260	227	24.4	100	26000	156		
	3485	189	19.8	99	25881			2277	202	21.4	100	25987	142		
	3885	174	19.1	99	25998	132	136	PIONEER							
	5393	207	21.2	100	26000	141		3357	189	23.2	99	25997	145	147	
	D-34	184	21.6	99	25997			3394	201	20.9	100	25995	149	151	
ICI SEEDS															
	8539IT	190	23.5	94	25733			3489	198	21.5	99	26000			
	8543	186	24.8	100	23759			3525	187	20.7	100	25587	137	148	
	8570	219	21.1	99	25990			3563	201	19.1	100	25245	142	148	
	8612	192	18.9	99	25994			3769	200	18.5	97	25971			
	N8541	204	21.2	99	25494			RENK							
JUNG															
	2596	187	19.5	100	25762			RK646PT	171	19.9	98	25988			
	2662	180	17.9	100	25984			RK657	184	18.6	99	25997	141	146	
	2794	209	21.8	99	26000			RK696	188	18.3	99	25861			
KALTENBERG															
	K 5901	168	20.1	97	25890			RK714	196	20.9	99	26000	140		
	K 6209	190	21.6	100	26000			RK802PT	190	22.7	98	25996			
	K 6909	198	24.6	98	25994			RK812	223	24.7	100	25998	150	154	
L. HERRIED															
	9299	177	19.1	99	25993			STINE							
	9304	196	18.4	99	25997			1076	201	21.6	100	25962			
	LG2537	190	21.5	100	25895			93-2017X	216	20.4	100	25729			
LG SEEDS															
	LG 2535	184	20.7	100	25984	142	144	994	175	17.7	100	26000			
	LG 2541	203	22.7	100	25979	142		TERRA							
	LG 2560	196	21.8	100	25994	140	141	E 1031	193	20.3	97	25739			
LYNKS															
	2494	164	17.0	99	25874			TR 1070	174	21.2	99	25987			
	2550	169	17.2	100	25598	126		WHATA HYBRID							
	2595	195	19.0	98	25998			419	199	18.8	100	26000			
	2636	200	20.9	99	26000			4500	181	22.7	100	26000			
MERSCHMAN															
	M-2106	176	19.0	94	25732	132		498	179	20.2	100	25330			
	M-3097	187	17.2	100	26000	143		499	188	21.6	100	25731			
								512	204	23.3	99	25345			
								WYFFELS							
								W208	169	17.9	99	25863			
								W552	182	19.4	99	26000			
								W587	195	23.0	100	26000			
								AVERAGE							
								191	20.7	99	25849	141	144		
								L.S.D. 10% LEVEL	16	1.0	2	643			
								L.S.D. 30% LEVEL	10	0.7	1	405			
								C.V. %	6.3	3.3	1.7	1.8	12.3	13.2	
								STD ERR OF TRT MN	7	0.4	1	276	10	11	

Dekalb (28,000 plants per acre and 30-inch rows)

Brand Hybrid	1994 Results				Average		Brand Hybrid	1994 Results				Average	
	Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	93-94 Yld Bu/A	92-94 Yld Bu/A		Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	93-94 Yld Bu/A	92-94 Yld Bu/A
AGRIGOLD						DAIRYLAND, continued							
A6380	223	18.7	100	28000			STEALTH-1108	222	18.4	100	27854	177	
A6425	200	19.8	100	27998			STEALTH-1205	207	18.9	100	28000	165	167
A6430	222	21.0	99	28000			STEALTH-1209	213	18.9	100	27998		
XA5222	215	20.4	98	27403			STEALTH-1212	231	20.8	100	28000	191	187
ASGROW													
RX623	209	19.0	98	28000	170	171	STEALTH-1405	182	18.6	100	27985		
RX707	232	20.6	100	27997	180	171	STEALTH-1407	225	17.9	99	28000		
BECK'S						DEKALB GENETICS							
1485	193	21.6	99	24667			DK-512	231	17.3	99	28000		
5101	201	20.3	99	28000			DK-527	209	17.4	99	27123		
5202	208	20.7	100	28000			DK-554	215	17.7	100	27886	178	179
57	227	20.1	100	28000	188	188	DK-560	206	18.3	100	27572		
BO-JAC													
1401	192	18.2	99	27962			DK-580	228	17.9	99	27972	190	
1409	217	19.6	100	27989			DK-591	239	19.1	100	27982	200	195
2407	226	21.8	99	27588			DK-604	222	18.5	100	28000		
299	226	19.0	99	27986	177		DYNA GRO						
427	233	20.5	98	27694	194	188	5491-IPRO	200	22.3	100	27999	166	166
438	204	20.4	99	28000			EXSEED						
BURRUS													
BX58	239	21.3	100	27994			XS-1051	189	18.2	97	27123		
BX61	211	20.4	100	28000			XS-1081	221	20.8	100	27543		
C.A.M.													
EXP1103	205	22.1	96	26538			XS-1095	206	20.7	100	28000		
EXP1107	197	21.3	99	27994			XS-1101	203	19.6	100	28000		
EXP1111	200	18.9	99	28000			XS-1122	212	21.6	100	27973		
EXP1118	201	20.3	98	27103			FEDERAL						
EXP1120	192	22.7	98	27134			FX29A	206	18.5	100	27545		
CARGILL													
4327	223	18.7	100	28000	183	186	FX37A	201	20.2	99	27567	156	
5677	228	19.9	100	28000			FX37E	194	18.7	99	28000		
6303	217	20.1	100	28000			FX37G	221	20.0	99	28000	159	161
7557	230	22.2	100	28000			GOLDEN HARVEST						
7777	230	23.3	98	27565			EX 476	240	20.8	99	27550		
7877	222	22.3	97	28000	183	182	H-2441	210	19.0	99	26993	180	179
7897	229	22.5	100	27533	186		H-2514	234	20.9	100	28000	189	
CFS													
6044	216	18.8	100	27717			H-2530	213	20.4	99	27734	175	
7537	219	21.3	98	27989	183		GRIFFITH PURE LINE						
CIBA SEEDS													
4273	195	17.9	99	27993			3226	200	21.4	100	28000		
4372	204	19.3	100	28000	169	171	PL 123	223	20.1	100	27590	170	174
4394	213	19.5	100	28000	165		PL 222	228	21.1	98	27988		
4494	218	20.6	100	27997	177		GROWMARK						
CORNELIUS													
C545	193	19.0	100	27330			FS 4274	223	19.9	98	28000		
C567	213	21.1	99	28000			FS 4664	208	18.8	98	27660		
C611A	211	20.6	98	28000	179		GUTWEIN						
C615	211	20.2	100	27726			2494	226	21.1	98	26243		
CROW'S													
204	199	17.8	98	27845			HENKEL						
401	233	20.7	100	28000	189	185	H-1100	210	18.6	100	28000		
435	217	19.5	100	27999			H-1621	223	18.7	99	27992	183	
445	218	19.8	100	27973	168		H-168	215	19.8	100	28000	162	172
490	225	24.7	100	26703			H-1851	230	21.1	99	28000	187	
494	220	21.1	99	28000	180		HUGHES						
DAIRYLAND													
DST 10907	221	20.2	100	28000			3485	201	18.5	99	27986		
DST 11041	202	19.2	100	28000			5500	219	19.2	100	27847	176	181
DX1110	208	21.2	100	27977	167	169	5695	204	19.5	99	26982		
							6225	206	21.1	100	28000		
							D-34	205	19.5	94	28000		
							ICI SEEDS						
							8400	218	21.7	99	27846		
							8481	210	22.8	100	28000		
							8501	227	20.7	99	27972	190	
							8513	213	21.3	100	27848		
							8570	224	18.6	98	27990		
							N8541	220	19.5	99	27435		

DeKalb (28,000 plants per acre and 30-inch rows), continued

Brand Hybrid	1994 Results				Average		Brand Hybrid	1994 Results				Average				
	Yld Bu/A	% H ₂ O	Erect Plts %	Plts /Acre	93-94 Yld Bu/A	92-94 Yld Bu/A		Yld Bu/A	% H ₂ O	Erect Plts %	Plts /Acre	93-94 Yld Bu/A	92-94 Yld Bu/A			
JUNG						NOBLE-BEAR, continued										
2596	194	17.2	100	27283			NBEXP577	215	21.4	100	28000					
2662	198	17.6	99	28000			NBEXP583	231	20.0	99	27858					
2794	220	19.3	99	28000			NORTHROP KING									
KALTENBERG						N 4242						198	16.3	99	28000	
K 6909	205	23.0	100	27555			N 5220	205	19.1	99	27700	155				
K 7109	234	20.8	99	27862	188	186	N 5901	209	20.8	100	28000	166				
KRUGER						N 6822						226	21.3	100	27997	184
K9410	221	19.9	98	28000	183		X 4263	205	16.9	100	28000					
K9412	228	21.1	100	27974	189		PAYCO									
K9414	214	21.0	100	26230	176		734	217	18.5	98	27522					
K9415A	226	21.3	100	27554			754	214	19.2	99	28000					
K9511	191	19.1	99	27955			814	221	20.1	100	27991	172				
K9512	216	21.0	98	27993			834	205	20.0	99	27998					
K9512B	223	21.6	99	27996			PFISTER									
K9513	220	20.3	99	27685			2260	232	21.0	99	27989	191	189			
K9514	213	21.4	100	27996			2277	222	19.2	99	27980	172				
KSC/CHALLENGER						2650						227	20.7	98	28000	
K9315B-PT	213	21.7	99	27990			3336	231	22.5	100	28000					
K9506	208	18.3	100	28000			PIONEER									
K9507PT	194	19.1	94	27985			3346	225	22.4	99	27994					
K9508	204	19.4	100	25926			3357	216	21.1	100	27974	186	187			
K9509	198	19.6	99	28000			3394	217	19.5	100	28000	184	182			
K9512A	207	20.3	99	27720			3489	217	19.7	100	27998					
K9513A	218	21.6	100	28000			3525	211	18.6	99	28000	179	180			
K9607	218	19.6	99	27987			3563	205	18.1	98	27983	163	168			
L. HERRIED						3769						186	17.0	100	28000	
9304	204	18.9	96	27982			PRAIRIE STREAM									
9310	229	20.9	100	27987			SX420	209	21.3	100	28000					
LG2537	196	19.2	100	26983			X2272	203	23.6	99	24820					
LEWIS						X6059						183	18.7	93	28000	
3804	223	20.0	100	27994			X6072	208	18.6	96	28000					
LG SEEDS						PREMIUM										
LG 2535	197	18.6	100	27995	167	171	P205	201	18.9	99	28000					
LG 2541	225	19.7	99	28000	171		RENK									
LG 2560	218	19.5	100	27981	182	179	RK714	216	19.1	98	28000	178				
LYNKS						RK802PT						202	19.7	100	27996	
2595	208	18.6	99	27986			RK812	228	20.3	100	27996	191	187			
2636	219	19.0	100	27994			RK835	209	20.1	99	27537					
2656	215	18.7	100	28000			RK886	215	21.4	99	28000	179	177			
2667	213	19.4	98	27551			ROESCHLEY									
2759	214	22.7	98	28000			RX162	203	19.4	99	27988					
MERSCHMAN						RX27						215	21.6	99	28000	
M-2106	188	18.5	100	28000	149	156	RX394	228	19.9	99	27983					
M-3112	229	20.4	97	27992	190		SIEBEN									
M-3114	205	21.4	99	27668	174		25XS	207	22.2	98	27999	165	169			
M-4104	197	17.7	100	28000			7624	196	18.2	99	28000					
M-4105	202	18.7	98	27279			7664	220	21.1	99	28000					
M-4106	204	19.5	100	28000			7710	234	23.9	98	28000					
M-4108	217	18.5	99	27965			7714	219	21.7	100	27979	175				
M-4109	219	20.4	99	27546			STINE									
M-4111	215	20.8	99	27566			1076	199	19.6	99	28000					
M-4112	220	22.0	100	27962			1105	210	20.7	97	28000					
MYCOGEN						92-2312X						206	19.2	98	28000	
5150CB	192	17.0	100	27413			TERRA									
6220	217	19.8	100	28000			E 1031	200	18.0	100	27992					
6890	226	21.1	100	27970	188		E 1091	215	20.5	100	28000					
6970	206	19.1	98	27741	169	174	TR 1070	212	19.0	98	27981					
NOBLE-BEAR						UNITED FARMERS										
NB468	230	20.4	100	28000	188		EX-307	212	18.7	97	27967					
NBEXP537	205	19.1	100	27996			U-101	164	18.5	96	28000					

DeKalb (28,000 plants per acre and 30-inch rows), continued

Brand	Hybrid	1994 Results			Average		Brand	Hybrid	1994 Results			Average		
		Yld Bu/A	% H ₂ O	Erect Plts% /Acre	Plts /Acre	Yld Bu/A			Yld Bu/A	Yld Bu/A	% H ₂ O	Erect Plts% /Acre	Plts /Acre	Yld Bu/A
UNITED FARMERS, continued							WHATA HYBRID, continued							
	U-360	200	19.6	99	27270	166	165	5219	221	21.5	100	27982		
	U-371	211	20.8	100	27997			539	214	21.8	99	27998	171	171
	U-400	219	20.8	99	27998	184		549	212	20.5	99	28000		
VIGORO							WYFFELS							
	V1084	211	18.4	100	28000			5498	223	20.5	100	27278		
	V1105	206	19.8	100	26211			5499	182	19.9	100	27849		
VINEYARD							W552							
	FC 521	213	21.1	99	27997			W587	214	19.9	99	28000		
	V 414W	199	21.7	100	27978			W711	222	21.4	98	27999		
WHATA HYBRID							AVERAGE							
	419	202	18.6	100	28000			L.S.D. 10% LEVEL	14	0.8	2	774		
	498	203	18.8	98	24359			L.S.D. 30% LEVEL	9	0.5	1	488		
	499	199	19.2	99	26973			C.V. %	4.9	2.6	1.7	2.1	10.7	8.8
	511	235	20.7	100	27993	195	191	STD ERR OF TRT MN	6	0.3	1	332	11	9
	512	201	19.9	98	27691									

Dwight (28,000 plants per acre and 30-inch rows)

Brand	Hybrid	1994 Results			Average		Brand	Hybrid	1994 Results			Average		
		Yld Bu/A	% H ₂ O	Erect Plts% /Acre	Plts /Acre	Yld Bu/A			Yld Bu/A	Yld Bu/A	% H ₂ O	Erect Plts% /Acre	Plts /Acre	Yld Bu/A
ADLER							BO-JAC, continued							
	6160	186	22.9	91	27995			592	152	21.4	100	27999		
	7815	197	22.5	100	27974			BURRUS						
AGRATECH							BX58							
	2846	167	19.1	97	27994			207	20.0	100	27978	193	200	
	3570	164	18.9	99	27974			BX61	182	20.6	96	27998		
	3653	180	21.6	99	27982			BX69	193	20.7	100	27999		
	654	208	19.9	94	28000	192		C.A.M.						
	660	151	23.6	99	27976	162	171	EXP1103	196	21.5	100	27337		
	686	195	22.7	99	28000	194	187	EXP1107	183	20.4	100	28000		
AGRIGOLD							EXP1111							
	A6425	181	19.2	97	28000			188	19.1	100	27957			
	A6485	189	21.2	95	27732			EXP1118	200	20.4	95	27958		
	XA4217	200	21.6	100	28000			EXP1120	189	20.0	98	27449		
	XA5323	178	19.5	97	28000			CARGILL						
AINSWORTH							5677							
	X-112	176	21.3	96	28000	181	184	6303	172	19.9	95	27740		
	X-214	210	22.7	100	27986			6327	200	20.2	98	27985		
	X-307	188	20.8	100	27980	185		7777	204	21.8	95	28000	202	
	X-308	179	21.1	100	27994	177		7877	187	22.4	97	27972	196	199
ASGROW							7897							
	RX623	190	18.4	100	27591	186	186	7997	197	23.6	99	27991		
	RX707	186	20.3	97	27972	186	188	8327	173	24.9	98	27993	177	
	RX747	200	22.9	100	27988			CFS						
	RX770	205	22.0	99	27949			6333	179	18.6	98	27974		
	RX801	184	23.3	100	27987			7537	195	21.8	100	27997	190	
BECK'S							7727							
	6060	173	20.6	100	28000			CIBA SEEDS						
	6111	223	22.2	98	28000			4372	185	19.2	100	28000	174	171
	68	192	22.4	99	28000	182	187	4394	199	19.8	98	28000	190	
BO-JAC							4494							
	2407	184	22.7	95	28000			CORNELIUS						
	427	185	20.7	93	27985	172	185	C615	173	20.1	95	27397		
	438	185	20.4	97	27989	180		CROW'S						
	520	198	21.4	100	28000	185		401	206	19.5	98	28000	193	195
	577	145	22.9	99	28000			435	189	18.2	100	28000		
								490	206	24.3	99	26800		
								494	178	21.7	98	27987	184	

Dwight (28,000 plants per acre and 30-inch rows), continued

Brand Hybrid	1994 Results				Average		Brand Hybrid	1994 Results				Average	
	Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	93-94 Yld Bu/A	92-94 Yld Bu/A		Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	93-94 Yld Bu/A	92-94 Yld Bu/A
CROW'S, continued						ICI SEEDS, continued							
510	137	22.6	99	27977	156	8513	189	21.2	100	28000			
668	154	24.4	98	28000	174	N8541	200	20.2	90	27324			
DAIRYLAND						J.M. SCHULTZ							
DST 11203	188	19.2	99	28000		EXP573	194	21.2	100	27998			
STEALTH-1114	168	21.5	100	28000		EXP583	204	20.1	100	27980			
STEALTH-1209	192	18.9	99	28000		SX1110	189	22.4	100	28000			
STEALTH-1212	206	20.1	100	27999	190	198	KALTENBERG						
DEKALB GENETICS						K 6909							
DK-560	204	18.9	100	27976			212	22.3	100	28000			
DK-569	182	18.1	95	27987	185	K 7109	201	20.7	98	27992	185		
DK-580	214	18.7	100	27994	196	K 7409	162	20.1	93	28000			
DK-591	193	20.3	100	27978	191	192	KRUGER						
DK-604	179	19.1	99	28000			K9320A	195	25.0	98	27997		
DK-623	230	20.6	99	27986	209	208	K9414	200	21.1	99	27859	189	
DK-626	194	22.0	93	27992			K9415A	195	21.5	100	27998		
EXSEED						K9417							
XS-1101	190	19.1	100	27992			161	22.4	96	28000	171		
XS-1104	194	23.0	98	27257	186	191	K9512	196	21.0	99	27974		
XS-1122	168	22.6	99	27587			K9512B	193	22.2	98	27994		
XS-1132	192	23.5	100	25201	188	188	K9513	197	20.0	99	27984		
GOLDEN HARVEST						K9514							
EX 702	174	18.5	97	27979			179	20.8	97	27996			
H-2390	187	17.4	100	27988			K9515	182	21.9	96	28000		
H-2485	185	19.3	96	28000	174	173	K9516	179	21.7	98	28000	181	
H-2514	175	21.6	100	27981	169		K9616	204	22.6	99	28000		
H-2553	215	21.8	100	27975	198	193	KSC/CHALLENGER						
GRIFFITH PURE LINE						K9314A							
3226	175	20.8	100	27974			135	23.3	99	28000	160		
PL 123	206	19.8	100	28000	175	179	K9315B-PT	195	22.0	100	27994		
PL 125	200	21.2	100	27976	184	189	K9410	186	19.1	99	27988		
PL 222	209	20.1	99	27991			K9412	197	19.5	100	27985		
PL 235	180	21.7	100	28000			K9413	148	22.0	96	27993	162	
PL 237	188	21.2	99	28000	180	181	K9415	180	23.3	97	28000	181	
PL 244	196	20.8	98	28000			K9508	157	18.4	97	27983		
PL 255	193	21.2	93	28000	186	189	K9509	176	17.9	100	27994		
PL 275	181	23.1	93	27999	178		K9511	180	19.3	100	28000		
GROWMARK						K9512A							
FS 4664	186	18.2	97	27989			201	20.3	100	28000			
FS 6345	182	20.2	95	27995			K9513A	175	20.6	94	27588		
FS 6650	185	20.8	96	27988			LEWIS						
HENKEL						3804							
H-1621	187	18.8	100	28000			187	19.9	100	28000			
H-168	188	20.2	99	28000	183	186	4284	214	20.1	100	27991		
H-172	202	20.6	100	27979	188	190	4712	196	22.4	97	28000		
H-1851	213	21.4	100	27957	201		4727	170	20.6	95	28000		
H-2261	199	23.5	98	28000	189		LG SEEDS						
HUGHES						GR-8 170							
5695	162	19.3	98	28000			186	20.9	98	28000	178	182	
6225	185	21.1	95	27985			LG 2560	198	19.7	100	27994	184	185
D-34	189	19.2	98	28000			LG 2561	200	21.0	99	27984	185	
E-213	185	20.2	100	27982			LG 2621	194	21.6	95	27981	182	
HYPERFORMER						MERSCHMAN							
HS-9843	183	23.9	100	27991			M-2106	180	17.9	96	28000	171	170
HY-9475	204	18.2	100	27040			M-3112	193	19.6	100	27997	179	
HY-9487	207	19.8	98	27994	187		M-3114	209	21.1	96	27999	196	
HY-9610	201	23.6	98	27960	191		M-3115	160	23.1	97	28000	165	
ICI SEEDS						M-4105							
8400	191	22.7	95	27985	182		183	17.2	99	27200			
8481	205	22.6	100	28000			M-4106	169	19.6	97	27341		
8501	174	21.2	99	27999	173		M-4108	165	18.5	93	28000		
						M-4109							
						189							
						20.7							
						99							
						27721							
						21.7							
						100							
						28000							
						21.3							
						95							
						27998							
						MYCOGEN							
						6220							
						187							
						20.7							
						100							
						27989							
						6890							
						199							
						20.4							
						100							
						27990							
						193							
						7460							
						193							
						23.8							
						99							
						27969							

Dwight (28,000 plants per acre and 30-inch rows), continued

Brand	Hybrid	1994 Results			Average		Brand	Hybrid	1994 Results				Average		
		Yld Bu/A	% H ₂ O	Erect Plts% /Acre	Plts /Acre	93-94 Yld Bu/A			92-94 Yld Bu/A	Yld Bu/A	% H ₂ O	Erect Plts% /Acre	Plts /Acre	93-94 Yld Bu/A	92-94 Yld Bu/A
NOBLE-BEAR						TERRA, continued									
	NB468	197	20.6	92	28000	188		E 1126	194	20.2	100	27989			
	NBEXP573	182	21.3	100	27965			E 1130	167	24.3	99	28000			
	NBEXP577	196	19.6	100	28000			TR 1070	188	19.9	97	27975			
	NBEXP583	175	19.8	99	28000		TRISLER								
NORTHRUP KING						T-2985									
	N 5220	182	18.3	100	28000			T-5233	199	19.5	99	28000	186	191	
	N 5901	181	20.5	100	28000	178		T-5235A	205	21.0	100	28000	197		
	N 6822	203	21.4	100	27979	193		T-5243	166	20.5	97	27973			
	N 7448	179	22.6	100	28000			T-5245	174	24.0	98	27994	170	184	
PAYCO						T-5265									
	754	179	18.0	95	28000			T-5270	180	21.8	100	27994	180		
	834	171	19.8	98	28000			T-5390	188	22.9	100	27987			
	842	170	22.7	98	27992	175	UNITED FARMERS								
	903	160	22.6	98	28000			EX-307	188	18.6	98	28000			
	EX9031	181	22.0	100	27995			U-101	167	18.2	99	27986			
PFISTER						U-360									
	2260	217	20.5	100	28000	195		U-370	155	21.4	100	28000	177	175	
	2277	189	19.2	100	27996	182		U-371	154	21.9	99	28000	162	167	
	2650	169	20.4	96	28000			U-375	190	21.0	100	27975			
	3336	188	23.6	99	28000			U-400	189	20.0	97	28000	177		
PIONEER						U-500A									
	3279	176	21.2	98	27973			U-505	186	24.3	100	27999			
	3346	198	20.6	98	28000			U-515	157	25.2	98	28000	169		
	3357	201	21.2	99	27962	191	190	U-535	141	26.0	95	28000	154		
	3394	209	18.7	100	27984	203	202	U-555	171	25.2	100	27996	173		
	3489	202	18.8	99	27976			VAN HORN							
	3525	192	18.1	100	27994	186	186	VH5430	198	20.6	95	27989	191		
	3563	206	18.3	99	27979	190	185	VH5540	196	22.1	99	28000			
RENK						VHX409									
	RK812	198	20.7	99	28000	185			194	20.3	96	28000			
	RK835	156	21.1	93	28000			VINEYARD							
	RK886	189	21.1	100	28000	189	192	FC 521	184	21.9	95	28000			
ROESCHLEY						V 414W									
	RX27	196	21.7	100	28000				156	22.0	98	27993			
	RX394	195	20.0	100	27998			WHATA HYBRID							
	RX442	168	21.3	96	28000			419	189	19.1	95	28000			
SIEBEN						498									
	25XS	193	21.4	100	28000				187	18.9	96	28000			
	37XS	231	20.9	100	28000				200	18.8	98	28000			
	7664	166	21.4	100	27962				190	20.6	97	28000			
	7710	197	22.9	100	27976				5229	153	21.6	99	27989		
	7714	189	20.5	99	28000	184			540	207	20.8	100	28000		
	7733	205	23.2	98	27341	198			5498	176	19.8	94	27999		
STEWART						5499									
	9312	177	22.2	95	28000	179	189		181	19.3	100	27596			
STINE						554									
	1105	214	20.0	98	27982				194	23.1	100	27999	183	193	
	1115	173	21.6	100	27991			WILKEN							
	1131	176	21.2	100	27762			1120	164	22.6	99	28000	166	172	
	92-2312X	182	19.0	100	27602				193	21.6	98	27990			
STONE						640									
	EX250	201	19.2	98	28000				216	20.9	99	27987	191		
	EX257	188	21.0	100	27054				830	184	21.0	99	28000	176	176
	SX262	197	20.0	100	27983	189			950	177	20.9	97	27964	177	180
SUNSTAR						EX602									
	4312	232	21.7	100	27992				164	20.8	100	27991			
	4508	153	22.7	100	27116			WYFFELS							
	4509	206	20.7	99	28000			W552	192	19.7	98	27994			
	EX2100	165	21.0	97	28000				183	20.8	98	27978			
TERRA						W711									
	E 1091	186	21.4	98	27952				205	21.3	97	28000			
									W726	203	21.4	96	27985	188	
									W794	196	23.1	100	28000		
								AVERAGE							
									187	21.0	98	27926	183	186	
								L.S.D. 10% LEVEL							
									17	1.0	4	406			
								L.S.D. 30 % LEVEL							
									27	0.6	3	256			
								C.V. %							
									11.1	3.3	3.5	1.1	10.4	9.3	
								STD ERR OF TRT MN							
									12	0.4	2	174	11	10	

Monmouth (28,000 plants per acre and 30-inch rows)

Brand	1994 Results				Average		Brand	1994 Results				Average		
	Hybrid	Yld Bu/A	% H ₂ O	Erect Plts %	Plts /Acre	93-94 Yld Bu/A		92-94 Yld Bu/A	Hybrid	Yld Bu/A	% H ₂ O	Erect Plts %	Plts /Acre	93-94 Yld Bu/A
AGRATECH							CROW'S, continued							
2846	187	17.0	100	28000			510	206	17.9	100	28000	186		
3653	205	19.8	99	27708			667	194	21.0	99	28000	179	172	
654	219	17.4	98	28000	198		668	209	21.8	100	28000	195		
660	210	20.5	100	28000	187	184	DAIRYLAND							
787	210	23.2	96	28000	197	194	DST 12010	221	20.6	100	28000			
AGRIGOLD							STEALTH-1114	215	19.6	100	27417	195	188	
A6425	205	16.5	99	28000			STEALTH-1115	217	19.5	97	28000	182		
XA4217	209	19.4	99	27562			STEALTH-1118	210	21.4	100	28000	199		
XA4307	206	19.2	98	28000			STEALTH-1209	203	16.7	99	28000			
XA5323	225	18.1	100	28000			STEALTH-1212	220	17.5	100	28000	197		
AINSWORTH							DEKALB GENETICS							
X-113	200	18.8	99	28000			DK-580	207	15.6	100	28000	193		
X-211	197	19.2	100	28000			DK-591	210	16.8	98	28000	199	194	
X-307	211	18.0	97	28000			DK-604	205	16.7	99	28000			
X-308	207	18.5	99	28000			DK-623	229	17.9	99	28000	202	182	
X-312	216	21.7	100	28000	203		DK-626	222	16.9	97	28000			
X-315	220	19.9	100	28000			DK-642	227	19.4	98	28000			
ASGROW							DK-646	212	19.4	97	28000	187	182	
RX747	199	21.8	98	28000			DOWELANCO							
RX770	213	19.0	98	28000			XHP 17193	168	20.0	96	27562			
RX775	220	18.9	99	28000			XHP 17194	168	22.6	100	27125			
RX801	212	22.0	100	28000	186		DYNA GRO							
BECK'S							5491-IPRO	203	20.1	98	28000	173	163	
0603	215	21.4	98	23187	188	188	EXSEED							
6111	227	19.3	98	28000			XS-1101	207	16.3	99	28000			
68	221	20.6	100	28000	189	185	XS-1104	212	20.8	100	24354	187	181	
BO-JAC							XS-1122	211	20.9	99	28000			
1409	213	17.6	100	28000			FEDERAL							
2407	214	19.6	98	28000			FX39C	195	20.0	100	26833			
299	219	16.8	99	27854			FX40F	215	23.1	100	25083	193	195	
427	212	17.3	99	28000	203	198	FX40G	222	22.9	100	28000	198		
438	198	17.2	99	28000	186		FREEDOM							
520	209	18.5	100	27417	181	176	5504	222	18.1	100	28000			
577	208	18.6	100	28000	183		5575	207	19.2	99	28000			
592	214	18.7	99	23917	196	185	5666	216	21.8	100	28000			
BURRUS							GOLDEN HARVEST							
BX62	204	17.6	99	28000			H-2485	205	17.6	100	28000	176	167	
BX80	216	21.8	100	28000			H-2514	224	17.7	99	28000	200		
CARGILL							H-2553	202	19.0	100	28000	191	182	
5677	210	17.4	97	28000			H-2567	225	18.8	100	28000			
6303	228	17.8	100	28000			GRIFFITH PURE LINE							
7557	218	19.8	99	28000			3226	194	19.0	100	28000			
7777	220	20.0	99	28000	204		PL 125	214	17.8	98	28000	200	195	
7877	232	21.0	100	28000	204	201	PL 222	232	18.8	100	28000			
7897	220	20.3	100	28000	204		PL 235	209	19.3	97	28000			
7997	220	21.6	100	28000			PL 237	194	19.6	99	28000	184	184	
8327	208	21.9	99	28000	196		PL 244	207	19.9	100	28000			
CIBA SEEDS							PL 255	221	19.1	97	28000	206	187	
4225X	219	17.8	99	28000			PL 275	218	20.3	99	28000	193		
4227X	225	18.9	100	28000			GROWMARK							
4372	200	17.0	97	28000	180	170	FS 4664	194	15.9	99	28000			
4394	214	16.6	100	28000	185		FS 6345	200	17.2	96	27417			
4494	218	19.3	99	27854	195		FS 6650	202	18.7	99	26833			
CORNELIUS							GUTWEIN							
C615	214	18.6	100	28000			2494	203	18.3	98	27271			
C731	201	20.8	100	26833			HENKEL							
CROW'S							H-1851	214	19.6	100	27854	196		
401	212	16.6	100	28000	190	186	H-2261	222	19.9	100	28000	202		
490	230	22.9	99	27417			HOBLIT							
494	219	19.2	99	28000	195		421	204	16.5	98	28000	188		

Monmouth (28,000 plants per acre and 30-inch rows), continued

Brand Hybrid	1994 Results				Average		Brand Hybrid	1994 Results				Average	
	Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	93-94 Yld Bu/A	92-94 Yld Bu/A		Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	93-94 Yld Bu/A	92-94 Yld Bu/A
HOBLLT, continued							MERSCHMAN						
528	230	19.8	100	28000	207		M-3112	219	16.7	99	28000	198	
HUGHES							M-3114	194	17.7	97	28000	180	
5695	196	16.6	99	28000			M-3115	219	21.2	99	28000	186	
6225	212	18.9	100	28000			M-3116	185	18.9	100	28000		
D-34	192	16.3	98	28000			M-3117	212	20.6	99	28000	197	
E-213	209	19.2	100	28000			M-3120	207	22.4	100	28000	201	
HYPERFORMER							M-4109	207	17.6	100	27125		
HS-9843	203	21.8	98	28000	194	186	M-4111	196	17.7	98	28000		
HY-9487	209	17.5	99	28000	194		M-4112	217	20.3	99	28000		
HY-9610	224	20.7	100	28000	204		M-4113	214	18.3	100	28000		
ICI SEEDS							MYCOGEN						
8382	229	19.0	100	26979	203	190	7250CB	222	20.0	98	28000		
8400	206	20.1	98	28000	186		7660	214	22.2	100	28000		
8481	201	20.8	100	27854			7885	212	23.6	100	28000	198	
8513	217	19.6	99	28000			NOBLE-BEAR						
N8541	180	16.8	97	28000			NB468	208	16.7	98	28000	193	
KALTENBERG							NB7242	232	20.5	100	28000		
K 7409	213	19.3	98	28000			NBEXP573	204	18.6	100	28000		
K 7509	208	18.6	98	28000			NBEXP577	205	20.0	99	27854		
K 7609	214	19.8	99	28000			NORTHROP KING						
K 7808	213	21.8	100	28000			N 6822	223	19.0	99	28000	200	
KRUGER							N 7448	217	19.7	99	28000		
K9315B-PT	184	19.5	98	28000			N 7707	213	20.8	100	28000	198	
K9319	220	21.5	100	28000	190	184	X 7782	227	20.5	98	28000		
K9320	235	25.4	98	26979	210	207	PAYCO						
K9320A	231	21.6	97	28000			834	215	17.6	98	28000		
K9415A	217	19.1	99	27708			903	208	20.1	99	28000	192	
K9417	219	20.8	100	28000	205		EX9031	216	19.5	100	28000		
K9512	197	16.5	100	28000			PFISTER						
K9512B	210	19.2	100	28000			2260	200	17.4	99	28000	187	
K9513	206	17.6	100	27562			2650	224	18.3	99	28000		
K9514	224	18.9	100	27708			3336	227	20.0	100	28000		
K9515	191	19.2	100	28000			PIONEER						
K9516A	208	20.3	100	27708			3162	214	22.3	98	28000	191	
K9616	222	20.5	99	28000			3163	237	22.1	100	28000	216	
K9620	219	22.4	100	28000			3279	213	20.0	99	28000	198	
KSC/CHALLENGER							3317	217	18.9	100	28000		
K9315B	188	19.4	98	28000	189	186	3346	220	20.7	99	28000	207	
LEWIS							3357	200	20.0	98	28000	199	
4284	197	17.6	99	28000			3394	204	18.0	98	28000	198	
4712	218	19.2	99	28000			3489	211	17.7	99	27562		
4727	203	19.1	99	28000			3525	204	16.4	96	27708	190	
5584	217	20.2	100	27271			3563	211	16.5	100	28000	181	
LG SEEDS							POCKLINGTON						
GR-8 170	206	18.1	98	28000	179	173	P3311	198	16.9	99	28000	185	
LG 2560	212	17.7	98	28000	185	185	P3471	210	19.0	100	28000	184	
LG 2561	213	17.4	97	28000	191		P3891	200	18.1	98	27854	181	
LG 2621	191	20.3	99	28000	173		P4621	210	18.3	98	26979		
LYNKS							P4891	210	19.7	100	28000	186	
2656	204	16.9	99	28000			PREMIUM						
2667	200	16.6	98	27271			P267	202	21.8	98	28000	179	
2759	201	20.3	100	28000			P269	196	22.6	100	28000		
2807	223	20.3	99	27854			QUALITY PLUS						
MASTERS CHOICE							Q2110	195	19.2	99	28000		
MC605	202	20.9	98	27562	185		Q2111	203	19.2	100	28000		
MCALLISTER							Q3112	212	19.8	94	27854	194	
EXP573	207	18.9	100	28000			Q3116	211	23.1	99	28000		
EXP583	219	18.2	100	28000			QUERNA						
SX9414	232	20.6	100	28000			7130	182	17.6	100	28000		
							7220	220	18.0	99	28000	201	

Monmouth (28,000 plants per acre and 30-inch rows), continued

Brand Hybrid	1994 Results				Average		Brand Hybrid	1994 Results				Average	
	Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	93-94 Yld Bu/A	92-94 Yld Bu/A		Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	93-94 Yld Bu/A	92-94 Yld Bu/A
QUERNA, continued							STONE, continued						
7290	214	18.5	99	25958	187	176	SX328	217	22.0	97	28000		
7300	216	19.5	100	28000	195		SUNSTAR						
7310	190	20.5	98	26542	167	162	4312	214	20.0	99	27417		
7410	220	19.0	99	28000			4508	210	18.6	99	27125		
7510	207	19.5	99	27417			4509	207	16.8	100	27271		
7670	202	21.3	99	28000			EX2100	206	17.5	98	28000		
7730	197	23.6	100	28000	177		TERRA						
7870	214	21.7	99	28000	181	172	E 1091	211	18.4	99	28000		
RENK							E 1126	204	19.9	100	28000		
RK835	212	18.4	99	27125			E 1130	204	22.2	100	28000		
RK886	218	19.6	98	27854	203	193	TR 1070	189	16.6	100	28000		
SIEBEN							TR 1145	201	20.5	100	27708	178	172
37XS	205	19.4	100	28000			TR 1167	215	22.1	99	28000	201	
7710	233	20.7	98	28000			UNITED FARMERS						
7714	219	19.3	98	28000	197		U-370	199	19.9	99	28000	179	
7733	221	22.0	100	28000	205	198	U-371	209	18.6	98	28000		
7739	218	21.0	97	28000	186		U-375	194	20.1	100	28000		
7752	212	22.3	98	27854	193	192	U-400	220	17.9	99	28000	200	
SPARTA							U-505	221	21.3	99	28000		
5521	178	17.3	96	28000			U-515	209	21.8	100	27854	196	
5535	229	20.0	99	28000			U-535	200	23.8	99	27708	175	
5575	214	23.4	99	28000	197	193	U-555	205	23.8	100	28000	178	
X544	215	18.3	99	28000			WHATA HYBRID						
STEWART							511	212	17.2	98	28000	195	
9312	213	20.8	100	28000	190	192	5498	218	17.7	99	25521		
9413	207	22.7	100	28000			5499	193	17.5	100	26979		
9414	210	21.8	99	25229			WILSON						
9512	218	19.4	99	28000			1760	232	21.5	99	28000	209	202
STINE							WYFFELS						
1105	198	18.6	99	28000			W552	203	18.1	100	28000		
1115	194	17.1	98	28000			W587	215	18.3	98	28000		
1131	209	18.2	100	26979			W711	213	19.7	99	28000		
1133	225	17.3	100	28000			W794	220	20.5	99	28000		
1145	218	19.8	99	28000			AVERAGE	211	19.4	99	27804	192	185
1179	209	21.1	99	28000			L.S.D. 10% LEVEL	14	0.9	2	729		
STONE							L.S.D. 30 % LEVEL	9	0.6	1	459		
EX257	209	18.4	100	26396			C.V. %	4.9	3.6	1.7	1.9	8.1	9.4
EX359	208	18.6	98	28000			STD ERR OF TRT MN	6	0.4	1	313	9	10
EX375	222	20.5	100	28000									
SX262	217	16.5	100	28000									

Urbana (28,000 plants per acre and 30-inch rows)

Brand Hybrid	1994 Results				Average		Brand Hybrid	1994 Results				Average	
	Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	93-94 Yld Bu/A	92-94 Yld Bu/A		Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	93-94 Yld Bu/A	92-94 Yld Bu/A
ADLER							AGRATECH, continued						
6160	195	24.8	99	27990	180		757	194	25.9	100	27987	173	183
7815	196	22.9	99	27712			774	183	27.3	100	27997		
AGRATECH							787	198	25.4	99	28000	180	182
2846	163	20.1	100	28000			AGRIGOLD						
2856	187	23.1	100	27990			A6450	190	22.3	99	28000		
3653	199	22.7	100	27991			XA3306	208	26.4	100	27999		
654	204	20.0	99	27740	182		XA4217	216	22.5	100	28000		
686	198	23.0	100	28000	183	184	XA4306	195	24.5	100	28000		
737	210	25.9	100	28000	179								

Urbana (28,000 plants per acre and 30-inch rows), continued

Brand Hybrid	1994 Results				Average		Brand Hybrid	1994 Results				Average	
	Yld Bu/A	% H ₂ O	Erect Plts %	Plts /Acre	93-94 Yld Bu/A	92-94 Yld Bu/A		Yld Bu/A	% H ₂ O	Erect Plts %	Plts /Acre	93-94 Yld Bu/A	92-94 Yld Bu/A
AINSWORTH							DAIRYLAND						
X-112	204	21.4	100	27991	190	195	DST 12010	194	23.8	100	28000		
X-210	193	24.1	100	27997			STEALTH-1114	207	22.0	100	28000	190	188
X-211	191	22.3	100	28000			STEALTH-1115	196	23.4	99	28000	180	
X-214	220	23.7	100	27968	196		STEALTH-1209	196	19.7	100	28000		
X-307	204	20.6	100	27975	186		STEALTH-1212	216	20.8	100	27992	192	
X-308	205	22.9	100	28000	180		DEKALB GENETICS						
X-312	188	23.8	99	28000			DK-580	207	19.7	100	27976	193	
X-315	215	23.6	100	27994			DK-591	193	21.0	99	27991	188	185
ASGROW							DK-604	210	18.3	100	27993		
RX747	197	23.3	100	28000			DK-623	207	24.0	100	27995	174	185
RX770	212	22.7	99	27997			DK-626	225	22.7	100	27980		
RX775	211	23.6	99	28000			DK-642	203	23.8	99	27985		
RX801	201	23.9	100	28000	181		DK-646	206	24.4	100	27996	185	189
RX897	180	25.1	100	27704			DOWELANCO						
RX899	200	25.6	100	27994			XHP 17193	159	21.9	100	28000		
BECK'S							XHP 17194	143	24.5	100	27995		
0603	206	24.6	100	28000	178	184	XHP 18069	90	28.5	100	28000		
6060	207	22.1	100	28000			EXSEED						
6111	226	23.4	100	27712			XS-1101	199	21.1	100	27996		
BO-JAC							XS-1104	197	24.3	100	24360	177	179
2407	214	23.5	99	28000			XS-1122	198	24.3	100	27710		
427	222	20.4	100	28000	198		XS-1132	203	24.0	100	24216		
438	201	20.1	100	27996			XS-1133	210	23.3	100	27120	178	
520	196	21.6	100	27989	174		FREEDOM						
577	206	23.6	100	28000	176		5504	212	19.8	99	27276		
592	206	22.2	99	27439	187	191	5575	194	24.3	100	27999		
BURRUS							5666	209	25.3	100	27697		
BX61	207	20.7	100	28000			5695	183	26.2	100	27991		
BX64	190	22.4	99	28000	176		FREY						
BX74	199	23.2	100	28000			510	203	22.1	100	27862	189	
CARGILL							FX69	200	23.7	100	27995	176	185
5677	186	19.3	100	27844			GOLDEN HARVEST						
6303	213	21.3	100	27966			EX 450	199	24.3	100	27414		
7557	206	22.1	100	28000			EX 587	180	20.2	99	28000		
7777	199	22.6	100	28000	186		EX 589	194	20.0	99	27978		
7877	204	22.9	100	27969	187	189	H-2390	188	18.7	100	28000		
7897	203	22.8	100	28000	188		H-2530	192	23.7	98	27999	177	
7997	202	24.6	100	28000	187	192	H-2553	186	22.8	100	27999		
8327	195	25.7	100	27994	173		H-2567	207	21.7	100	28000	184	189
9027	185	28.5	100	28000			H-2573	213	23.1	100	27993	189	192
CFS							H-2611	215	24.1	100	27710		
6333	207	19.8	100	27564			H-2622	196	25.9	99	27991		
7537	207	22.4	100	27990			GREAT HEART						
7727	203	22.8	100	28000			H 695	183	24.8	100	25952	168	
CIBA SEEDS							HX 0412	190	22.7	100	28000		
4225X	197	21.9	100	28000			GRIFFITH PURE LINE						
4227X	186	22.6	100	28000			PL 125	208	19.7	100	27976		
4372	193	19.3	100	27991	176	178	PL 237	196	22.6	100	28000	178	181
4394	191	19.2	100	28000	172		PL 244	210	22.5	100	28000		
4494	205	21.8	100	27988	183		PL 255	209	21.5	100	27977	190	193
4581	197	26.8	99	27989			PL 275	211	24.5	100	28000	186	
5147X	204	22.3	100	27974			GROWMARK						
CROW'S							FS 6650	197	21.4	99	28000		
401	210	20.2	99	28000	189	192	FS 6780	190	22.6	99	27994		
445	211	20.9	97	27986	183		FS 6983	204	22.9	99	27980		
490	197	24.0	100	27989			HOBLIT						
494	195	22.9	100	28000	174		421	224	20.2	100	27988	200	
667	198	24.6	99	28000	179	179	515	202	20.1	100	27982		
668	186	25.1	99	27995	172		528	208	24.1	100	27993	184	

Urbana (28,000 plants per acre and 30-inch rows), continued

Brand	Hybrid	1994 Results				Average		Brand	Hybrid	1994 Results				Average	
		Yld Bu/A	% H ₂ O	Erect Plts %	Plts /Acre	93-94 Yld Bu/A	92-94 Yld Bu/A			93-94 Yld Bu/A	92-94 Yld Bu/A				
HUBNER							MERSCHMAN, continued								
	H3107	207	19.8	100	27990	186	189		M-3116	149	23.0	100	28000		
	H3111	194	23.1	99	27992	177	185		M-3117	181	23.9	100	27997	167	
	H3213	191	21.7	100	27996	179	184		M-3120	178	24.8	100	27999	167	
	H3405	216	20.3	100	28000	190	190		M-4111	191	21.5	100	27722		
	H3413	205	25.4	100	28000				M-4112	202	23.2	100	28000		
HYPERFORMER							MYCOGEN								
	HS-9843	185	25.7	100	27987	171	180		7460	182	23.4	100	27991		
	HY-9475	182	19.3	100	26698				7660	193	25.2	100	28000		
	HY-9487	209	21.0	100	27974	190			7885	168	25.5	100	28000		
	HY-9610	202	22.9	100	27997	187			8240	191	25.0	100	28000	174	
ICI SEEDS							NOBLE-BEAR								
	8321	203	23.7	100	28000				NB468	203	20.2	100	27997	182	
	8382	202	22.9	99	28000	185	190		NB7242	199	24.0	100	27739		
	8400	220	22.4	100	28000	191			NBEXP573	197	23.1	100	27868		
	8481	197	23.5	100	27992				NBEXP577	202	23.1	100	27865		
	8513	212	23.0	100	27999	188	193		NBEXP583	207	20.8	100	28000		
	N8541	209	22.3	100	27572			NORTHRUP KING							
J.M. SCHULTZ							PAYCO								
	EXP573	195	21.9	100	27997				834	200	20.7	100	27869		
	EXP577	194	22.5	100	28000				842	207	22.6	100	27996	181	
	EXP583	205	20.3	100	28000				903	184	22.0	100	28000	175	
	SX1140	202	24.3	100	27999				EX9031	199	21.8	100	28000		
KRUGER							PFISTER								
	K9315B-PT	187	22.5	100	27998				2260	213	20.3	100	27700	182	
	K9320A	215	25.2	100	27712				2650	218	20.0	100	27988		
	K9320B	185	27.1	100	27259				2725	208	23.3	100	28000	185	
	K9415A	207	21.6	100	27991				3336	206	24.2	100	28000		
	K9416	199	23.8	100	27991	183		PIONEER							
	K9512	196	20.9	100	26991				3162	201	26.7	100	28000	181	190
	K9512B	209	23.6	100	27997				3163	212	25.7	98	27982	191	
	K9513	205	20.6	100	27965				3245	181	23.9	100	27991	168	177
	K9514	189	21.3	99	27987				3279	200	22.5	100	28000	180	190
	K9515	185	21.7	100	27979				3317	205	22.0	100	27998		
	K9516	195	22.0	100	27993	180			3346	207	23.0	100	27996	185	
	K9616	204	22.9	100	27992				3357	213	21.7	100	28000	193	196
	K9620	214	24.7	100	28000				3394	206	20.5	100	28000	185	191
KSC/CHALLENGER							POCKLINGTON								
	K9319	216	26.6	100	28000				P3311	202	20.4	100	27707	188	
	K9415	206	24.4	100	27995	186			P3391	186	19.6	100	28000		
	K9417	207	23.3	100	27977				P3471	186	23.0	98	27991	170	
LEADER							PRAIRIE STREAM								
	SX560	198	23.6	100	28000				SX555	194	24.0	99	28000	177	184
	SX580	209	22.4	100	27970	196	196		SX556	196	24.1	100	27722	173	183
LEWIS							SX701								
	4712	202	22.4	98	27974				SX701	201	27.6	100	27888	178	181
	4727	198	22.2	100	27996				SX704	176	23.9	100	27861	168	168
LG SEEDS							SX752								
	LG 2561	203	20.7	99	27996	180			SX752	189	24.4	100	28000		
	LG 2621	205	23.2	100	27999	179			X2212	211	26.8	100	28000		
	LG 2632	206	23.3	100	27996				X2251	179	27.4	100	26982		
	LG 2705	187	24.9	100	27995	177	186	LEWIS							
LYNKS							MERSCHMAN								
	2656	191	20.3	100	28000				M-3112	211	19.5	98	27995	187	
	2667	201	20.6	100	28000				M-3114	212	22.0	100	27984	189	
	2759	207	23.4	100	27992				M-3115	200	24.9	100	27987	177	
	2807	204	22.8	100	28000										

Urbana (28,000 plants per acre and 30-inch rows), continued

Brand	Hybrid	1994 Results				Average		Brand	Hybrid	1994 Results				Average	
		Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	Yld Bu/A	Yld Bu/A			Yld Bu/A	Yld Bu/A				
PREMIUM							TRISLER, continued								
P232	201	22.7	100	28000	176	T-4114W	199	24.9	100	27864	169	175			
P234	211	24.1	100	28000	182	T-5233	201	20.6	100	27995					
P266	182	24.5	100	27982	164	T-5235A	189	21.6	100	27978	177				
P267	176	26.4	100	28000	162	T-5243	208	20.2	100	28000					
P269	186	25.6	100	27990	172	T-5265	199	20.9	99	27995					
P285	204	23.8	98	28000	176	T-5290	212	24.5	100	28000	174	185			
QUERNA							T-5315	203	22.1	100	27560				
7220	211	20.8	100	28000	181	T-5335	209	23.4	99	27985					
7290	214	21.7	99	27998	178	181	T-5345	187	25.7	100	28000				
7300	218	21.3	98	27961	183	T-5375	196	23.8	99	27994	177	186			
7310	200	22.5	100	27982	184	182	T-5390	211	22.7	99	27992	188			
7670	193	24.4	100	27857	172	TWIN STATES									
7730	180	25.8	100	27995	171	TS 3244	196	22.3	99	27971	171	175			
7870	214	24.9	100	28000	190	193	TS 3261	175	20.4	100	27990				
ROESCHLEY							TS 3293	210	22.9	99	28000				
RX394	210	19.6	98	27995			TS 3313	196	22.2	100	25515	176	178		
RX442	201	23.3	99	27996			TS 3364	191	24.3	100	27714	167	176		
RX58	202	23.3	100	28000			TS 3370	213	24.2	99	27998				
SPECIALTY GRAINS							TS 3375	199	23.2	100	27854				
3100	197	26.1	100	27995			TS 3377	204	23.1	100	26984	173	179		
STEWART							UNITY								
9312	223	23.9	100	27985	198	200	6285	208	23.8	99	25814	172			
9413	166	26.6	100	27997			6293	181	26.4	100	27982	166			
9414	185	27.7	100	25825			VAN HORN								
9512	203	23.3	100	27999			VH272	190	23.6	100	27986	178	190		
9514	165	25.8	99	27113			VH5540	197	21.5	100	27995				
STINE							VH5730	215	23.8	100	27870	186			
1105	206	21.8	100	28000			VHX409	197	20.6	100	28000				
1115	193	21.9	100	27990			VIGORO								
1131	203	22.1	100	27844			V1084	190	20.3	100	27692				
1133	215	20.9	100	28000			V1105	195	19.9	100	27266				
1145	210	23.1	100	27983			V1135	204	21.5	100	28000				
1179	196	23.0	100	27996	176	VINEYARD									
92-2312X	194	20.5	100	27998			FC 521	210	22.1	100	27971				
92-302X	171	22.9	100	19251			V 414W	164	23.5	99	27993				
94-4314X	188	19.4	100	27980			V 424W	185	26.4	100	28000	164	168		
STONE							V 438W	177	25.4	100	27995				
EX250	192	19.6	98	28000			V 442W	174	27.0	100	27983				
EX257	203	22.2	100	26994			V 448W	184	26.5	100	28000				
EX359	185	21.7	99	28000			V 449W	170	27.8	100	27996	150	164		
EX375	190	23.7	100	27998			WHATA HYBRID								
SX262	213	20.3	100	28000	186	188	511	207	20.1	99	28000	187			
SX328	193	25.6	100	27980	172			5498	217	20.4	100	28000			
SX366	199	24.6	100	28000	177	189	5499	156	20.8	100	27726				
SX380	198	25.0	100	27984			5500	167	26.7	100	25950				
STURDY-GROW							WHISNAND								
797W	195	26.0	100	27701	173	51AW	186	26.2	99	27131	167	170			
816	192	25.0	100	27119			74W	154	29.9	100	27875	141	157		
SUNSTAR							83A	200	21.3	100	28000	180	181		
4312	213	23.7	99	27274			85	196	23.8	100	27988	172	177		
4314	209	25.3	100	27846			86	193	25.6	99	27146	171	177		
4508	182	24.1	100	27118			88	211	22.2	99	28000	189	191		
TERRA							89	217	24.7	99	28000	187			
E 1126	203	22.9	100	27855			WILKEN								
E 1130	193	25.2	100	27685			1120	184	23.1	100	27999	165	176		
E 1168	186	25.7	100	27979	172			1151	195	21.2	100	27691			
TR 1145	208	23.7	99	28000	172	180	640	216	19.7	100	27989	193			
TR 1167	194	25.2	100	27976	177			830	197	21.9	100	28000	175	174	
TRISLER							950	204	22.3	100	28000	176	177		
T-2985	205	20.3	100	28000	193	194	EX602	199	22.5	100	27982				

Urbana (28,000 plants per acre and 30-inch rows), continued

Brand Hybrid	1994 Results				Average		Brand Hybrid	1994 Results				Average	
	Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	93-94 Yld Bu/A	92-94 Yld Bu/A		Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	93-94 Yld Bu/A	92-94 Yld Bu/A
WILSON													
1750	193	23.2	99	28000	177	187							
D-118	122	30.2	100	27847									
WYFFELS							WYFFELS, continued						
W552	200	20.2	100	28000			W794	192	23.8	100	28000		
W587	192	21.0	100	28000			AVERAGE	198	23.0	100	27843	180	184
W711	215	22.9	100	28000			L.S.D. 10% LEVEL	16	1.1	1	579		
W726	197	22.1	100	27993	182		L.S.D. 30 % LEVEL	10	0.7	1	365		
							C.V. %	6.1	3.8	0	1.5	8.7	7.5
							STD ERR OF TRT MN	7	0.5	0	248	9	8

Perry (26,000 plants per acre and 30-inch rows)

Brand Hybrid	1994 Results				Average		Brand Hybrid	1994 Results				Average	
	Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	93-94 Yld Bu/A	92-94 Yld Bu/A		Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	93-94 Yld Bu/A	92-94 Yld Bu/A
AINSWORTH							CROW'S, continued						
X-210	212	20.8	99	25932	184		667	198	21.7	100	26000	184	185
X-312	206	21.4	100	25913			668	209	23.1	100	26000	188	
X-315	222	21.7	100	25798	192		702	226	26.8	100	25060		
X-808A	207	20.7	100	25769			DEKALB GENETICS						
ASGROW							DK-591	214	18.7	100	22844	169	
RX770	200	20.2	100	25771			DK-623	222	20.6	100	24495	188	190
RX775	214	19.9	100	26000			DK-626	220	19.4	99	25278		
RX783	216	21.9	100	25343	188		DK-642	234	21.8	100	25623		
RX801	194	22.4	100	25816	178		DK-646	221	22.4	98	25849	193	197
RX897	211	21.9	100	25924	183	192	DK-668	215	22.7	100	25929	186	
RX899	201	23.2	100	25853	179	193	DOWELANCO						
BECK'S							XHP 17193	166	21.4	99	26000		
7101	201	21.2	100	26000			XHP 17194	173	21.6	99	25374		
BO-JAC							XHP 18069	178	25.9	100	25863		
520	210	19.9	99	25899	189		FREEDOM						
577	213	21.2	100	25904	175		5504	208	18.1	100	26000		
615	223	23.8	100	25625	175	187	5575	213	19.6	100	24985	189	
629	208	22.3	100	25878	191	195	5666	201	22.9	100	25697		
BURRUS							5695	215	24.6	100	26000	190	
BX64	211	18.6	99	25791			GOLDEN HARVEST						
BX83	219	21.6	100	25784			EX 589	204	18.8	100	24932		
BX87+	209	23.6	100	25883	186		H-2514	208	18.6	99	25505	178	
CARGILL							H-2548	208	20.4	100	25557	172	
5677	207	17.5	99	24821			H-2553	206	21.4	100	25890		
6303	208	19.6	100	25911			H-2573	211	20.6	100	25701	181	186
7557	214	20.7	100	25894			H-2641	206	22.9	100	25998	186	190
7777	211	22.2	100	25892	194		GROWMARK						
7897	225	21.2	100	26000	188		FS 6780	207	19.5	99	25771		
7997	211	23.8	100	25425	186	192	FS 6983	214	22.2	100	25927		
8327	195	22.5	100	25824	181		ICI SEEDS						
9027	223	26.6	100	25912	195		8321	211	21.0	100	25880		
CIBA SEEDS							8382	213	21.0	99	26000		
4227X	212	20.0	100	26000			8400	221	20.8	100	25984		
4494	213	20.6	100	25875	184		8481	201	22.5	100	26000		
4581	221	23.9	100	26000			8513	202	19.9	100	24811		
4651	203	23.5	100	25860			J.M. SCHULTZ						
4671	207	23.6	100	25339	174		EXP2275A	206	23.0	100	25698		
5147X	207	20.6	100	26000			SX1100	188	18.3	100	26000		
CROW'S							SX1140	206	21.4	99	26000		
445	212	19.9	100	25895	184		KALTENBERG						
490	220	23.2	100	26000			K 7409	208	19.9	100	26000		
510	206	20.2	100	25958	184		K 7509	199	20.1	100	25743		

Perry (26,000 plants per acre and 30-inch rows), continued

Brand Hybrid	1994 Results				Average		Brand Hybrid	1994 Results				Average	
	Yld Bu/A	% H ₂ O	Erect Plts %	Plts /Acre	93-94 Yld Bu/A	92-94 Yld Bu/A		Yld Bu/A	% H ₂ O	Erect Plts %	Plts /Acre	93-94 Yld Bu/A	92-94 Yld Bu/A
KALTENBERG, continued							PIONEER						
K 7609	225	21.6	100	25369			3163	245	23.5	100	26000	218	
LEWIS							3245	224	21.3	100	25905	180	188
4712	210	20.6	99	25727			3279	212	21.1	100	25145		
5584	231	21.5	100	24902			3317	225	20.1	100	25832	195	194
5643	225	22.5	100	25415	193		3394	203	19.0	100	25760	186	188
8492	216	22.8	100	26000	188	195	3489	207	17.6	100	25890		
LG SEEDS							POCKLINGTON						
LG 2561	195	18.2	100	25869	177		P3471	207	19.9	99	24525	184	
LG 2632	228	21.9	100	25209			P4621	205	19.2	100	23371		
LG 2705	211	23.2	100	26000	184	190	P6021	207	22.8	100	25425	191	195
LYNKs							STINE						
2759	216	20.2	99	24601			1131	201	19.3	100	23269		
2807	219	20.8	100	25970			1133	209	18.7	99	25158		
2829	202	24.1	99	26000	171	186	1145	217	20.2	100	26000		
2868	215	22.9	100	25815	192	200	1179	206	21.9	100	26000	187	
MASTERS CHOICE							STONE						
MC605	202	22.0	100	26000			EX257	225	19.4	100	24554		
MERSCHMAN							TERRA						
M-3115	228	22.7	99	25844	197		E 1168	202	23.1	100	26000	174	
M-3116	209	20.1	100	25844			TR 1145	221	22.4	100	26000	185	192
M-3117	208	21.7	100	25971	183		TR 1167	212	22.2	100	25575	181	187
M-3120	214	21.8	100	26000	179		TR 1185	226	24.6	100	26000		
M-4112	203	20.7	100	25977			TR 641E	214	23.6	99	25966	192	189
M-4113	216	19.2	99	24063			TR 702E	211	24.7	99	25912	191	
M-4116	223	22.0	99	25855			UNITED FARMERS						
MYCOGEN							U-500A	206	23.3	100	24394	178	
7885	212	24.2	100	25926	180	185	U-505	221	21.5	100	25865		
8240	211	22.3	100	26000	192		U-515	209	22.4	100	25154	186	
AG 7720	205	23.5	99	26000	183	187	U-535	215	23.7	100	25713	193	
NOBLE-BEAR							U-555	218	23.9	100	25895	183	
NBEXP573	204	19.1	100	25878			WILSON						
NBEXP577	221	20.8	100	25569			1750	210	21.7	100	25919	187	196
NORTHROP KING							2330	214	24.2	100	25964		
N 7448	212	20.8	100	25911			D-118	163	27.8	100	24567		
N 7707	205	21.7	99	25940	187		D-119	162	26.3	100	25918		
X 7782	221	22.4	100	25998			AVERAGE						
PAYCO								210	21.6	100	25668	185	191
834	222	19.7	99	25819			L.S.D. 10% LEVEL	16	1.0	1	1129		
903	209	20.3	99	25752	183		L.S.D. 30% LEVEL	10	0.6	0	711		
952	209	22.5	99	24496	190		C.V. %	5.8	3.2	0	3.3	7.5	3.6
EX9031	199	19.8	100	25686			STD ERR OF TRT MN	7	0.4	0	484	8	4
PFISTER													
2650	217	18.5	100	25401									
3336	220	21.9	100	25876									
3965	215	23.7	100	26000	198	197							

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

Brand Hybrid	1994 Results				Average		Brand Hybrid	1994 Results				Average	
	Yld Bu/A	% H ₂ O	Erect Plts %	Plts /Acre	93-94 Yld Bu/A	92-94 Yld Bu/A		Yld Bu/A	% H ₂ O	Erect Plts %	Plts /Acre	93-94 Yld Bu/A	92-94 Yld Bu/A
ADLER							AINSWORTH						
6160	150	18.5	100	23939	168		X-113	147	17.5	100	23638		
7815	127	18.7	100	24000			X-219	156	22.1	100	23934	163	
AGRATECH							X-312	144	18.9	99	23668	157	
774	165	22.9	100	23876			X-315	157	19.1	100	23477	167	
790	149	22.8	100	23400	162		ASGROW						
810	136	21.6	99	23970	152		RX747	144	21.4	99	23707		

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

Brand	Hybrid	1994 Results			Average		Brand	Hybrid	1994 Results				Average	
		Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	93-94 Yld Bu/A			92-94 Yld Bu/A	Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	93-94 Yld Bu/A
ASGROW, continued							GOOD BUDDY, continued							
	RX801	145	20.2	100	24000			GB404	152	20.6	100	24000		
	RX897	156	23.0	100	23788	156	153	GB414	162	21.5	100	24000		
	RX899	143	22.4	100	23859			GB416	161	23.3	100	23441		
BECK'S							GROWMARK							
	7101	152	19.4	99	22581			FS 6983	156	17.6	100	23945		
	82 MVP	141	20.9	100	24000			FS 8246	160	23.1	100	23615		
BO-JAC							HOBLIT							
	577	161	18.1	100	23850	161		528	164	17.6	99	23872		
	615	155	24.0	100	23892	166	159	HYPERFORMER						
	629	157	22.5	100	22719	166	163	HS-9843	156	23.4	100	23108	166	162
BURRUS							HS-9848							
	BX80	148	20.1	100	23420			HS-9848	170	22.7	100	23236	171	
	BX93	150	20.3	100	23638	161	162	HY-9610	161	19.7	99	24000	166	
CARGILL							ICI SEEDS							
	7777	144	19.1	100	24000	159		8326	144	21.1	100	23142		
	7877	140	20.1	100	23971	155	145	8400	152	18.9	100	23940		
	7897	142	20.0	100	23887	150		8481	132	21.2	100	23992		
	7997	146	19.9	98	23850	161	152	8513	129	17.6	100	24000		
	8327	162	21.7	100	23928	164		J.M. SCHULTZ						
	8936	125	22.1	99	23980			EXP2275A	152	19.6	100	23059		
	9027	113	22.2	100	23942	140	140	SX1142	147	22.5	100	23992		
CIBA SEEDS							SX1163							
	4494	152	17.7	99	24000	159		141	22.5	100	23871			
	4581	142	21.9	100	24000			LEWIS						
	4651	144	22.2	100	23880	150	145	8492	145	21.3	100	23916		
	4671	138	20.6	99	23704	161	160	LG SEEDS						
CROW'S							LG 2621							
	401	133	14.4	100	23984	152		LG 2632	166	19.3	100	22860		
	490	144	20.2	100	23418			LG 2705	139	21.0	100	23955	146	147
	510	152	17.6	100	24000	158		LYNKs						
	667	163	20.1	100	23942	169		2656	153	16.2	100	24000		
	668	152	22.1	100	23256	164		2759	126	17.5	100	23914		
	702	127	20.5	100	20820			2868	141	20.8	100	23888	148	146
DEKALB GENETICS							MERSCHMAN							
	DK-591	141	15.5	100	24000			M-3115	133	19.8	96	23942	160	
	DK-623	144	17.4	99	23881	157	143	M-3116	147	17.6	100	23601		
	DK-626	158	15.9	97	23837			M-3117	134	21.0	100	23980	152	
	DK-642	168	18.9	99	23858			M-3120	144	22.1	100	23974	158	
	DK-646	166	20.9	100	23952	171	171	M-4116	150	17.4	100	22298		
	DK-668	144	24.0	100	23896	158		MYCOGEN						
DOWELANCO							7660							
	XHP 17193	115	18.8	100	23465			7885	148	22.2	99	24000		
	XHP 17194	108	20.2	100	23963			8240	152	22.1	100	23638	157	
	XHP 18069	121	25.8	100	23742			NOBLE-BEAR						
	XHP 18070	107	24.7	100	23911			NB7944	154	22.9	100	23489		
	XHP 18071	95	25.8	99	24000			NB814	149	22.0	100	22469	162	161
FREEDOM							NORTHROP KING							
	5666	156	20.7	100	24000			N 7448	145	18.0	100	23976		
	5695	152	22.9	99	23587	161		X 7782	153	18.4	99	23895		
	5697	160	21.0	100	23682			PAYCO						
GOLDEN HARVEST							903							
	EX 421	147	17.5	100	23938			952	134	20.9	100	23963	149	
	H-2548	147	17.9	99	23879	151		PFISTER						
	H-2573	134	18.3	100	24000	147	144	3336	153	17.3	100	24000		
	H-2583	139	22.0	100	23626	154	151	3965	145	22.0	100	23503	160	
	H-2611	168	18.2	100	23951	167		PIONEER						
	H-2641	145	21.8	100	23890	157	157	3163	116	19.3	100	23892	154	
	H-2647	143	22.7	100	23921			3245	149	19.5	100	24000	158	
GOOD BUDDY							3279							
	GB208	148	15.5	99	23969			3317	144	16.5	100	23734	158	149
	GB304	147	21.9	100	24000			3394	155	17.6	100	24000	173	161
	GB306	150	18.5	100	24000			3489	141	15.0	100	23869		
							POCKLINGTON							
							P4621							
							160 16.7 99 22723							

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

Brand Hybrid	1994 Results				Average 93-94 92-94		Brand Hybrid	1994 Results				Average 93-94 92-94	
	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, continued							TRISLER, continued						
P4891	151	18.9	100	23697	159	149	T-5330	148	20.5	100	23900		
P5221	166	19.9	100	23833	171		T-5335	160	18.6	100	23901		
P6021	148	22.0	100	23938	163	158	T-5345	160	19.6	99	22886		
SPECIALTY GRAINS							T-5370	143	21.7	100	23773	151	152
3100	146	23.5	94	24000			T-5390	163	19.0	100	23928	164	
STEWART							T-5410	148	21.8	100	23968	163	152
9213	153	21.4	100	23857			T-5430	134	21.5	100	23959	153	152
9413	141	22.0	99	24000			TRIUMPH						
9414	135	22.1	98	22115			1452	151	18.5	100	23620	158	
94SIL	130	22.0	99	24000			2010	157	21.2	100	22731	164	
STINE							TWIN STATES						
1131	157	17.6	100	22877			TS 3261	127	15.9	100	24000		
1179	155	22.5	100	23885	159		TS 3293	144	21.2	99	21598		
1181	149	21.6	100	23898	157	158	TS 3364	148	19.8	99	23911	150	146
92-302X	133	20.5	100	21066			TS 3370	126	21.1	100	23869		
93-705X	151	20.2	100	23989			TS 3375	148	21.0	100	23942	156	
STONE							TS 3377	151	21.4	99	20232	155	152
EX375	147	18.9	100	23908			VAN HORN						
SX328	152	21.1	99	23758	166		VH272	151	20.1	100	24000	157	155
SX366	139	19.6	100	24000			VH5730	145	19.3	99	23665	158	
TERRA							VH5830	155	22.8	100	24000	161	
E 1168	143	22.1	100	23890	158		WILSON						
TR 1167	143	22.2	100	24000	154	153	2330	133	24.4	97	23930	146	149
TR 1185	156	22.4	99	23911			D-118	113	24.2	98	23975		
TR 641E	155	21.7	99	23824	163	146	D-119	99	25.6	100	23936		
TR 702E	143	24.3	97	24000	150		AVERAGE						
TRISLER							AVERAGE	145	20.3	100	23728	158	153
T-5265	147	17.3	100	23898			L.S.D. 10% LEVEL	20	1.8	2	1020		
T-5270	149	17.8	97	23486	159		L.S.D. 30% LEVEL	13	1.1	1	643		
T-5315	143	18.0	99	23933			C.V. %	10.8	6.8	1.7	3.2	7.7	7.9
							STD ERR OF TRT MN	9	0.8	1	437	7	7

Carbondale No-Till '94-'93 / Ina -'92 (24,000 plants per acre and 30-inch rows)

Brand Hybrid	1994 Results				Average 93-94 92-94		Brand Hybrid	1994 Results				Average 93-94 92-94	
	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							BURRUS						
774	148	22.8	100	23953			BX83	151	22.3	100	23887		
787	169	22.9	100	24000			BX93	161	22.9	100	24000		
790	156	23.3	99	23993	129		CARGILL						
810	157	23.3	100	23794	124		7777	158	21.7	100	23762	128	
ASGROW							7897	162	22.3	99	22227	135	
RX623	141	18.2	100	24000			7997	141	23.4	100	23840	115	103
RX743	151	21.6	99	23942	110		8327	166	23.2	99	23990	131	
RX770	167	20.6	100	23481			8936	136	24.9	99	23876		
RX775	155	20.3	100	23661			9027	155	24.9	98	23825	119	108
RX801	139	22.4	99	23019			CIBA SEEDS						
RX896	153	23.5	100	23829	120		4225X	131	18.4	93	24000		
RX897	142	22.9	99	23552	127	108	4651	148	23.1	100	24000	118	109
RX899	160	22.6	100	22703	120	104	CROW'S						
BECK'S							490	158	22.6	99	22709		
7101	166	21.8	100	23209			494	140	20.6	99	23925	119	
82 MVP	144	23.2	100	23674			510	156	21.6	100	23653	114	
BO-JAC							667	169	22.0	100	24000	138	124
577	172	22.7	100	23400	121		669	136	22.8	100	23754	122	113
615	168	24.0	100	24000	123	106	702	135	24.0	98	20088		
629	175	23.0	99	23559	142	126	DEKALB GENETICS						
							DK-591	156	18.7	99	23864	127	

Carbondale No-Till '94-'93 / Ina '92 (24,000 plants per acre and 30-inch rows), continued

Brand	Hybrid	1994 Results				Average		Brand	Hybrid	1994 Results				Average	
		Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	93-94 Yld Bu/A	92-94 Yld Bu/A			Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	93-94 Yld Bu/A	92-94 Yld Bu/A
DEKALB, continued							POCKLINGTON								
	DK-623	184	21.3	100	24000	135	115		P4621	161	20.4	100	23335		
	DK-626	128	20.5	100	23724				P4891	164	21.2	100	23872	123	
	DK-642	138	21.0	100	23824				P5221	159	21.5	100	23722	128	
	DK-646	120	22.7	99	23862	96	85		P5411	158	22.3	100	24000	120	
	DK-668	149	23.0	100	23893	118			P6021	165	23.3	98	23450	143	
	DK-683	142	23.9	99	23857			SOUTHERN CROSS							
DOWELANCO							STINE								
	XHP 17193	139	19.7	100	23330				412	147	23.4	100	22583	113	96
	XHP 17194	139	23.1	100	23882				612	155	23.0	100	23200	113	95
	XHP 18069	133	25.4	99	23243				912	134	24.5	99	23774	105	
	XHP 18070	145	26.0	100	23632			STONE							
	XHP 18071	134	26.2	98	23240				SX380	154	23.3	100	23733	128	111
GOLDEN HARVEST							TERRA								
	H-2548	143	21.9	96	21037	126			E 1168	146	24.0	100	23468	109	
	H-2573	149	22.3	99	23987	105	95		TR 1167	168	22.8	100	23738	137	123
	H-2583	121	22.4	99	21722	100	82		TR 1185	148	24.2	100	22991		
	H-2611	163	21.7	97	23552	127			TR 641E	138	23.1	100	23973	109	101
	H-2641	148	23.4	100	23955	131	115		TR 702E	160	24.1	99	24000	132	
GROWMARK							TRIUMPH								
	FS 8246	149	23.8	100	24000				1452	154	21.0	100	22245	109	
	FS 8356	143	23.5	100	23981				2010	169	22.7	100	24000	134	119
HYPERFORMER							UNITY								
	HS-9773	161	22.3	100	23953	135	112		6285	158	20.9	100	23863		
	HS-9843	166	22.8	100	22851	136	119		6293	146	23.7	100	23646		
ICI SEEDS							VIGORO								
	8281	135	22.9	100	24000				V1105	144	19.1	98	23689		
	8481	149	21.2	100	24000				V1135	122	19.3	97	23966		
J.M. SCHULTZ							WILSON								
	EXP2275A	149	22.2	99	22943				2330	171	24.4	99	23882		
	SX1140	182	20.8	100	23934				D-118	129	26.2	100	23776		
	SX1142	166	23.0	98	23893				D-119	122	25.9	100	24000		
	SX1163	174	24.0	100	23661			ZIMMERMAN							
MYCOGEN							Z-21								
	7885	151	23.8	100	23969				Z-21	136	22.1	100	23945		
	8240	161	23.2	99	24000	131			Z-27	157	23.4	99	23819	124	
	9220	166	24.0	98	22766	131	117		Z-29	149	23.8	100	23486	118	
NORTHROP KING							Z-62-W								
	N 7989	137	23.3	100	23944	111			Z-62-W	161	22.4	99	22227		
	X 7782	133	22.5	100	22802				Z-63-W	128	26.7	99	23888	109	91
PFISTER							Z-64-W								
	3333	150	22.3	100	23982	130			Z-64-W	172	23.8	100	24000	130	
	3965	147	23.3	100	23596	117		AVERAGE							
PIONEER							L.S.D. 10% LEVEL								
	3163	188	24.0	100	23431	151			AVERAGE	149	22.4	99	23584	124	109
	3245	147	21.2	98	24000	115			L.S.D. 10% LEVEL	25	1.0	3	1178		
	3279	159	21.3	100	24000				L.S.D. 30 % LEVEL	16	0.7	2	742		
	3317	167	20.5	100	23243	145	129		C.V. %	12.8	3.1	1.7	3.7	16.8	20.7
	3394	175	20.4	97	23996	146	129		STD ERR OF TRT MN	11	0.4	1	504	12	13
	3489	108	18.8	91	24000										

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

Brand	Hybrid	1994 Results				Average		Brand	Hybrid	1994 Results				Average	
		Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	93-94 Yld Bu/A	92-94 Yld Bu/A			Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	93-94 Yld Bu/A	92-94 Yld Bu/A
AGRATECH							ASGROW								
	757	223	24.9	100	26000	194	187		RX743	186	22.7	100	26000	176	
	787	193	21.4	100	25997	184	189		RX770	178	18.9	100	26000		
	810	197	23.5	100	26000	170			RX801	180	23.0	99	25991		

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

Brand	Hybrid	1994 Results				Average		Brand	Hybrid	1994 Results				Average	
		Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	93-94 Yld Bu/A	92-94 Yld Bu/A			Yld Bu/A	% H ₂ O	Erect Plts%	Plts /Acre	93-94 Yld Bu/A	92-94 Yld Bu/A
ASGROW, continued							MYCOGEN, continued								
	RX896	172	23.2	100	25993	154		AG 7720	187	23.2	100	25997	180		
	RX897	183	23.1	100	25851	168		NORTHRUP KING							
	RX899	191	24.3	100	25998	177	181		N 7992	186	22.8	100	26000		
BECK'S							PIONEER								
	7101	207	24.3	99	25860				3140	223	25.6	100	25855		
	81 MVP	167	22.9	100	26000	156			3163	215	23.7	99	25994	198	
	8808	204	23.8	100	25713				3245	196	21.1	100	25999	166	
CARGILL							SOUTHERN CROSS								
	7777	199	23.2	100	26000	170			412	173	24.3	100	25999	170	176
	7877	200	21.4	100	26000	173			612	211	23.9	100	25851	167	172
	7897	184	22.4	100	26000	168			912	157	19.8	100	26000	150	
	7997	188	23.8	100	26000	169	179	SOUTHERN STATES							
	8327	192	23.0	100	26000	177			SS943	170	23.2	100	25998	168	
	8936	141	20.6	99	26000				XP54003	202	26.1	100	26000		
	9027	206	24.4	100	25996	188	186	STINE							
CIBA SEEDS							TERRA								
	4227X	200	21.4	98	25994				E 1168	156	21.8	100	25998	148	
	4581	202	24.7	99	25994				TR 1167	186	23.0	100	26000	172	177
	4651	195	24.2	98	25993	179	180		TR 1185	198	24.7	100	26000		
	4671	184	22.8	99	26000	165	175		TR 641E	196	22.9	100	26000	174	177
	5147X	190	20.8	100	26000				TR 702E	186	25.7	100	25997	171	
CROW'S							TRISLER								
	490	220	23.8	100	25131				T-5335	211	22.1	100	25710		
	510	193	20.4	98	25995	190			T-5410	213	25.1	100	25716	185	185
	667	204	24.2	100	26000	186	189		T-5430	183	22.4	100	25997	171	178
	668	184	21.8	100	25990	177		TRIUMPH							
	702	177	22.7	100	24123				1452	197	21.6	100	25710	174	
DEKALB GENETICS							VINEYARD								
	DK-591	178	18.2	100	25985	169			2010	184	22.9	100	25989	173	180
	DK-623	185	20.4	100	25860	181	184		FC 521	197	22.7	99	26000		
	DK-626	224	20.4	99	26000				V 448W	182	25.2	100	26000		
	DK-642	187	21.5	100	26000				V 453W	178	22.7	99	25989		
	DK-646	190	21.6	100	26000	176	181		V 58W	207	24.1	100	25999	177	182
	DK-668	175	23.6	100	26000	163		WHISNAND							
	DK-683	173	21.5	100	25995				74W	188	28.2	100	26000	170	182
DOWELANCO							ZIMMERMAN								
	XHP 17193	171	23.0	100	25997				Z-21	201	23.9	100	26000		
	XHP 17194	164	24.6	100	26000				Z-27	203	24.6	100	26000	168	178
	XHP 18069	163	28.1	100	26000				Z-29	192	23.4	100	26000	179	
	XHP 18070	171	30.0	100	26000				Z-62-W	196	22.7	99	25999		
	XHP 18071	188	26.1	100	26000				Z-63-W	215	28.7	99	25992	178	188
GROWMARK							AVERAGE								
	FS 8246	175	23.6	100	25996				190	23.1	100	25919	175	181	
	FS 8356	188	23.8	100	25999				L.S.D. 10% LEVEL	20	1.4	2	459		
HYPERFORMER							L.S.D. 30% LEVEL								
	HS-9502	188	21.4	99	25994				C.V. %	8.2	4.5	1.7	1.3	9.9	6.7
	HS-9822	194	22.7	100	25992	178			STD ERR OF TRT MN	9	0.6	1	197	10	7
	HS-9843	180	22.7	99	26000	172	178								
	HS-9848	195	24.7	100	25995	189									
ICI SEEDS															
	8281	171	21.5	100	26000										
	8513	179	20.1	100	25994										
J.M. SCHULTZ															
	EXP2275A	207	24.6	100	26000										
	SX1142	225	24.5	100	26000										
	SX1163	206	23.4	100	26000										
LYNKS															
	2829	207	24.4	100	26000	170	170								
	2868	184	23.2	100	25866										
MYCOGEN															
	7885	186	22.3	100	26000	181									
	8240	161	21.9	100	25987										

Dixon Springs, Upland No-Till (26,000 plants per acre and 30-inch rows)

Brand	1994 Results				Average		Brand	1994 Results				Average		
	Hybrid	Yld Bu/A	% H ₂ O	Erect Plts %	Plts /Acre	93-94 Yld Bu/A		92-94 Yld Bu/A	Hybrid	Yld Bu/A	% H ₂ O	Erect Plts %	Plts /Acre	93-94 Yld Bu/A
ASGROW							GROWMARK, continued							
RX623	141	16.7	95	22825			FS 8356	168	22.7	100	25349			
RX743	142	18.3	100	26000	127		HYPERFORMER							
RX770	156	18.5	99	25412			HS-9704	188	23.5	100	25468			
RX775	147	18.6	100	25566			HS-9843	152	22.4	100	25562	141	156	
RX801	146	19.2	100	26000			HS-9905	170	24.4	100	24858	146	158	
RX896	177	22.7	100	24917	134		ICI SEEDS							
RX897	180	22.0	100	25221	156		8281	140	21.2	100	24217			
RX899	143	23.0	100	25696	124	146	8481	136	21.6	94	23495			
BECK'S							J.M. SCHULTZ							
0603	157	22.6	100	21231	142		SX1100	149	16.7	100	25689			
68	164	22.3	100	24338			SX1110	176	20.8	100	25064			
82 MVP	159	21.6	100	25910			SX1163	168	22.1	100	25052			
8808	150	22.9	95	23036			LYNKS							
CARGILL							2829	125	20.8	100	25239			
7777	184	22.1	100	26000			2868	155	21.7	100	25796	144	161	
7877	172	20.6	100	24610			NORTHROP KING							
7897	158	20.8	100	25230	138		N 7989	163	21.4	100	25027	140		
7997	166	22.8	100	24685	148	159	N 7992	154	22.3	98	25252			
8327	135	21.9	100	23344	132		X 7782	165	22.5	99	24650			
8936	132	23.1	99	25823			PIONEER							
9027	162	22.0	100	25333	146	164	3140	136	22.1	97	24190			
CIBA SEEDS							3163	165	21.9	99	24512	143		
4581	155	20.9	99	24982			3279	168	22.3	99	24414			
4651	177	24.6	100	25880	155	167	3317	185	20.6	100	25028	152	169	
4671	144	22.8	97	25259	116	139	3394	192	19.3	100	26000	162	172	
CROW'S							SOUTHERN CROSS							
490	158	21.7	100	21156			412	155	22.3	100	25459	137	160	
510	126	16.6	100	25545	118		612	163	22.5	99	23371	143	159	
667	142	22.4	99	24368	123		912	152	21.8	100	24949	135		
668	185	22.2	99	25473	158		SOUTHERN STATES							
702	149	23.3	100	21814			SS943	131	23.8	100	25281	130		
DEKALB GENETICS							XP54003	171	21.8	98	25328			
DK-591	149	19.1	90	25459			STINE							
DK-623	153	19.0	100	26000	141	160	1181	181	22.3	100	25887			
DK-626	137	20.1	95	24891			1195	143	24.0	100	25888			
DK-642	157	22.0	100	23476			TERRA							
DK-646	135	22.1	98	25494	142	157	E 1168	151	23.1	100	26000			
DK-668	142	21.3	100	25261	143		TR 1167	160	22.0	99	24801			
DK-683	171	23.6	100	24324			TR 1185	151	22.4	100	25603			
DOWELANCO							TR 641E	166	23.3	100	25523			
XHP 17193	125	20.1	98	26000			TR 702E	183	23.0	100	24989			
XHP 17194	132	21.2	98	23746			AVERAGE	155	21.8	99	24960	140	159	
XHP 18069	144	25.4	100	25920			L.S.D. 10% LEVEL	31	1.5	4	2048			
XHP 18070	152	26.7	100	25927			L.S.D. 30 % LEVEL	19	0.9	3	1289			
XHP 18071	128	25.4	98	24086			C.V. %	14.5	5.6	3.5	6.1	14.8	9.8	
GROWMARK							STD ERR OF TRT MN	13	0.7	2	875	12	9	
FS 8246	150	22.8	100	26000										

Brownstown Sorghum Hybrids (30-inch rows)

Brand Hybrid	1994 Results				Average		Brand Hybrid	1994 Results				Average		
	Yld Bu/A	Head Exsert	Plant Height	Head Compact	93-94 Yld Bu/A	92-94 Yld Bu/A		Yld Bu/A	Head Exsert	Plant Height	Head Compact	93-94 Yld Bu/A	92-94 Yld Bu/A	
AGRATECH						FS BRAND, continued								
562G	103	4.0	43	1.3			4016-R	109	2.1	49	1.0	110		
792G	122	5.8	48	1.0	123		4100-R	97	5.3	46	1.3	109		
GK 712G	96	3.2	45	1.6	113		4110-R	96	6.2	51	2.0	117		
GK 802G	97	3.0	47	1.0	113		4111-RE	110	7.3	48	1.0	113		
ASGROW						HYPERFORMER								
SENECA	124	6.5	47	1.0			CHEROKEE	96	2.6	48	1.0	118		
CARGILL						J.M. SCHULTZ								
575	98	6.1	49	2.0	115		HY1320	111	2.8	53	1.0			
737	81	2.2	39	1.0	103		213Y	102	6.9	50	1.7			
837	113	4.5	50	1.3	118		NORTHRUP-KING							
857	105	3.5	49	1.0	112		KS 555Y	108	3.7	47	2.0	117		
CAVERNDALE						KS 735								
RED BOUNTY	105	3.1	50	1.0	120		113	5.5	50	1.0				
DEKALB						PIONEER								
DK-40Y	124	4.4	47	1.7	125		8212Y	112	5.2	51	1.0			
DK-51	119	4.3	46	1.0	121		8305	114	5.3	54	1.0			
DK-54	121	7.0	55	1.0	127		8333	95	3.8	45	2.0			
DK-55	94	2.3	48	2.0			8446	98	2.6	44	1.6			
DK-58	120	5.7	55	1.0	129		AVERAGE						118	0.0
DK-66	102	1.4	54	1.0	125		L.S.D. 10% LEVEL	14	2.2	3	0.4			
FS BRAND						L.S.D. 30 % LEVEL								
4004-RE	106	5.2	45	1.0	121		9	1.4	2	0.2				
4012-R	93	4.0	44	1.3	115		C.V. %						10.3	0.0
4013-RE	106	3.9	47	1.0	121		9.8	34.6	3.5	26.6				
							STD ERR OF TRT MN						7	0.0
							6	0.9	1	0.2				

Carbondale Sorghum Hybrids (30-inch rows)

Brand Hybrid	1994 Results				Average		Brand Hybrid	1994 Results				Average		
	Yld Bu/A	Head Exsert	Plant Height	Head Compact	93-94 Yld Bu/A	92-94 Yld Bu/A		Yld Bu/A	Head Exsert	Plant Height	Head Compact	93-94 Yld Bu/A	92-94 Yld Bu/A	
AGRATECH						FS BRAND, continued								
562G	168	4.0	44	1.4			4110-R	159	5.1	51	1.9	141		
792G	167	5.2	47	1.7	151		4111-RE	161	6.3	49	1.4	139		
GK 712G	177	4.5	46	2.0	155		4120-RE	175	2.5	51	1.0	146		
GK 802G	159	2.7	49	1.1	133		HYPERFORMER							
ASGROW						CHEROKEE								
A570	166	6.6	56	1.1			HY1320	180	2.7	54	1.0	147		
SENECA	166	5.1	44	1.0			J.M. SCHULTZ							
TOPAZ	167	4.0	52	2.1	150		213Y	162	3.3	48	1.9	142		
XP5312	174	4.1	51	1.4			NORTHRUP-KING							
CARGILL						KS 555Y								
575	166	5.4	50	2.3	143		165	7.2	51	1.4	145			
737	170	3.1	45	1.0	130		KS 735							
837	171	3.3	52	1.7	144		163	3.5	51	1.3				
857	167	2.7	49	1.6	140		PIONEER							
CAVERNDALE						8212Y								
RED BOUNTY	170	2.5	52	1.0	141		8305	167	3.8	54	1.4			
DEKALB						8333								
DK-51	169	2.5	48	1.4	152		8446	172	1.8	46	1.9			
DK-54	158	4.3	58	1.6	142		SOUTHERN STATES							
DK-55	158	3.8	51	2.0			FFR-321	164	4.7	50	1.4	138		
DK-66	173	4.3	56	1.1	143		SS-115	162	2.4	47	2.0	153		
FS BRAND						SS-1313								
4004-RE	169	4.5	45	1.4	145		175	2.0	51	1.0	153			
4012-R	172	4.4	45	2.0	144		AVERAGE						144	0.0
4013-RE	168	3.1	47	1.0	145		L.S.D. 10% LEVEL	8	1.7	3	0.5			
4016-R	167	2.6	53	1.0	139		L.S.D. 30 % LEVEL	5	1.1	2	0.3			
4100-R	170	5.4	45	2.0	144		C.V. %						7.2	0.0
							3.1	31.1	3.5	23.1				
							STD ERR OF TRT MN						6	0.0
							3	0.7	1	0.2				

Dixon Springs Sorghum Hybrids (30-inch rows)

Brand Hybrid	1994 Results				Average		Brand Hybrid	1994 Results				Average		
	Yld Bu/A	Head Exsert	Plant Height	Head Compact	93-94 Yld Bu/A	92-94 Yld Bu/A		Yld Bu/A	Head Exsert	Plant Height	Head Compact	93-94 Yld Bu/A	92-94 Yld Bu/A	
AGRATECH							HYPERFORMER							
562G	146	6.0	52	1.0			CHEROKEE	173	6.0	57	1.0	141		
792G	154	6.7	60	1.7	140		HY1320	186	6.0	60	1.0			
GK 712G	150	8.7	53	1.6	134	137	J.M. SCHULTZ							
GK 802G	145	6.7	56	1.3	127	134	213Y	151	7.3	53	2.0			
CARGILL							NORTHROP-KING							
575	153	7.3	56	2.0	132	133	KS 555Y	154	8.7	63	1.0	130	133	
737	155	6.7	56	1.0	133		KS 735	147	6.7	62	1.6			
837	145	5.3	56	1.3	126	127	PIONEER							
857	148	6.0	54	1.4	127		8212Y	154	6.7	53	1.3			
CAVERDALE							SOUTHERN STATES							
RED BOUNTY	183	7.3	58	1.0	143	148	FFR-321	156	7.3	59	1.0	134		
DEKALB							TRIUMPH							
DK-51	142	6.0	54	1.7	127		SS-115	165	6.7	55	1.9	142		
DK-54	178	8.0	62	2.0	148		SS-1313	178	6.7	59	1.1	147		
DK-55	174	5.3	65	3.0			SOUTHERN STATES							
DK-58	152	6.0	59	2.7	131		TR459	158	6.7	49	1.4			
DK-66	173	7.3	65	1.3	141	140	TR65-G	170	5.3	61	1.1	143	146	
FS BRAND							AVERAGE							
4004-RE	150	6.7	53	1.0	133		L.S.D. 10% LEVEL	12	2.2	3	0.5			
4012-R	144	6.0	53	1.0	128	132	L.S.D. 30 % LEVEL	8	1.4	2	0.3			
4013-RE	166	6.0	55	1.0	140		C.V. %	5.5	23.3	3.0	23.1	10.3	10.1	
4016-R	138	5.3	58	1.0	119	128	STD ERR OF TRT MN	5	0.9	1	0.2	8	8	
4100-R	143	8.0	51	1.6	124	129								
4110-R	149	7.3	57	2.1	126									
4111-RE	146	8.0	57	1.0	122									
4120-RE	180	6.7	59	1.0	150	151								



