

2022 CORN

Iowa Crop Performance Tests



Iowa's Official Variety Trials

IOWA STATE UNIVERSITY

Department of Agronomy

A summary of replicated research by Iowa Crop Improvement Association.



Iowa Crop Improvement Association

Iowa Crop Performance Tests—Corn

is conducted each year to provide information farmers need to select the best hybrids for their production conditions. This is the 103rd consecutive year for the test. Yield trial information, testing procedures, and more can be found at croptesting.iastate.edu.

Testing Procedures

Seed companies, Iowa Crop Improvement Association, and Iowa State University are eligible to enter hybrids in the Iowa Crop Performance Tests—Corn. There are three testing districts and five testing sites within each district (Figure 1). Entries were subdivided into experiments based on relative maturity, providing an early-season and full-season test within each district. This year we evaluated over 161 hybrids from 15 companies in more than 220 district-by-hybrid combinations.

Each entry was replicated four times in four-row plots at a planting rate of 34,500 kernels per acre at each location. Row spacing was 30 inches, plot length was 20 feet, and planted row length was 17.4 feet. The center two rows of each plot were harvested with a corn combine. No gleanings or dropped ears were included in yield data. A moisture determination was made from each plot and yields were corrected to 15.5 percent moisture for shelled corn. Yield determinations are based on a 20 foot plot, which includes the planted row plus the alley. This is because area in alleys may contribute to the yield of plants at the ends of planted rows.

Information Layout

Tables 3-5 contain two-year averages of agronomic information from a maximum of five locations each year. Current year district averages are shown in Tables 6-11, and entries are reported in either the early-season or full-season hybrid tests within each district. These tables contain a mean yield, moisture, and adjusted gross value based on all locations within the district. In addition, there are yield estimates based on the western fields and the eastern fields within a district. In these estimates, the location in the center of the district is used in both subcomponents. Each of these tables also contains the single-location yield for each entry. Lodging and more detailed information from the individual locations is available at croptesting.iastate.edu.



Least Squares Means

All trait means in all tables were computed using least squares means. In cases where some values are missing, this provides the best estimates of trait values across replications, locations, and years. Least squares means are not equivalent to simple arithmetic means like those computed in a spreadsheet program using raw data or location means. Least squares means should always be used in multiple-comparison tests like the Iowa Crop Performance Tests.

Interpretation of Results

Statistical analysis identifies the portion of yield differences due to variation in soil types, soil fertility, moisture availability, insect infestation, and diseases; plus any variation due to planting and harvesting techniques. The least significant difference (LSD) values for yield represent, in bushels per acre, the amount of yield variation that could be due to variations in the factors just mentioned. In comparing hybrids, yield differences greater than the LSD value can be attributed to differences in the yield potential of these hybrids; yield differences less than the LSD value are not statistically different and could have been due to other factors.

Grain moistures are indications of maturity and natural drying rate. Yield comparisons should be made among hybrids of similar maturity.

Growing conditions vary at each location. Stressful conditions, such as drought, extended periods of high temperature, or excess rainfall may affect some locations more than others. It is important to select hybrids having stable performance over a range of environmental conditions because it is not certain how next year's growing season will develop. High yields for two or more consecutive years indicate stable performance. If two-year means are not available, regional averages consisting of several locations should be used to make selection decisions. Performance data from a single location have a very low predictive probability and should not be relied upon for hybrid selection decisions.



Supplemental yield and agronomic information about specific hybrids may be obtained from seed dealers, crop consultants, and from neighbors who have grown these hybrids.

Use of Data in Advertisements

Specific advertising statements by a company about the performance of its entries must accurately reflect the published data.

Iowa Crop Performance Tests staff pictured below
(left to right): Ryan Budnik, Aaron Sassman, & Shawn Bryant.



IOWA STATE UNIVERSITY

Department of Agronomy

©2022 by the Iowa Crop Improvement Association. Used with permission.

The presentation of data for the hybrids tested does not imply endorsement by the authors or the agencies conducting the test.

Iowa Crop Performance Tests offers unbiased, third-party information to Iowa growers on the adaptation and performance of corn hybrids and soybean varieties. The latest results are available at croptesting.iastate.edu.

Iowa State University does not discriminate on the basis of race, color, age, ethnicity, religion, national origin, pregnancy, sexual orientation, gender identity, genetic information, sex, marital status, disability, or status as a U.S. Veteran. Inquiries regarding non-discrimination policies may be directed to Office of Equal Opportunity, 3410 Beardshear Hall, 515 Morrill Road, Ames, Iowa 50011, Tel. (515) 294-7612, Hotline (515) 294-1222, email eooffice@iastate.edu.

CROP 3148 Revised November 2022.

Acknowledgments

This report would not be possible without the cooperative efforts of many organizations and people. Thanks to the following people for helping make our testing program a success: Aaron Sassman, Shawn Bryant, and Graydon Marzen for putting in the time to get the plots planted, keeping them maintained, and ultimately harvested; Patrick Miner of Bayer Crop Science and Chris Adams of Nutech Seed, LLC for providing us with fill plot and border row seed that is critical to our operation; the farmer cooperators, for without their help, our lives would be more difficult—they are listed in Table 1; Jode Edwards, for ongoing technical support and continued collaboration; students Emma Caspers, Brandon Burke, and William Bussey for their many hours of hard work—their efforts contributed greatly to the success of our mission; Dan McGuire and Nuwan De Silva for web design and technical support; Carol Cornelious and Doan Schmitz for helping fill the gaps whenever and wherever extra hands are needed; and our leader Jim Rouse for his expertise and ongoing support. A special thanks to all the companies who enter varieties in our tests—they are listed at the end of this report in Table 12. It is their participation and support that continues to make these tests an indispensable resource for Iowa farmers.

For More Information

- For more information about the *Iowa Crop Performance Tests*, visit croptesting.iastate.edu.
- For information about Iowa Crop Improvement Association, visit iowacrop.org.
- For questions or comments contact:
Ryan Budnik
Project Manager
Iowa Crop Improvement Association
59400 190th St.
Nevada, IA 50201
croptesting@iastate.edu

Contents

General Information

Figure 1. Test locations for the 2022 Iowa Crop Performance Tests—Corn.....	5
Table 1. General information for the 2022 corn test.....	6
Table 2. GMO, Seed treatment, and other data descriptions.....	6

2021-2022 Two-Year Means

Table 3. North District.....	7
Table 4. Central District.....	8
Table 5. South District.....	9

2022 District and Single-Location Means

Table 6. North District, Early-season test.....	10
Table 7. North District, Full-season test.....	11
Table 8. Central Results, Early-season test.....	12
Table 9. Central Results, Full-season test.....	13
Table 10. South District, Early-season test.....	14
Table 11. South District, Full-season test.....	15

Participants

Table 12. Entrant Information.....	16
------------------------------------	----

Figure 1.

Test locations for the 2022 Iowa Crop Performance Tests—Corn

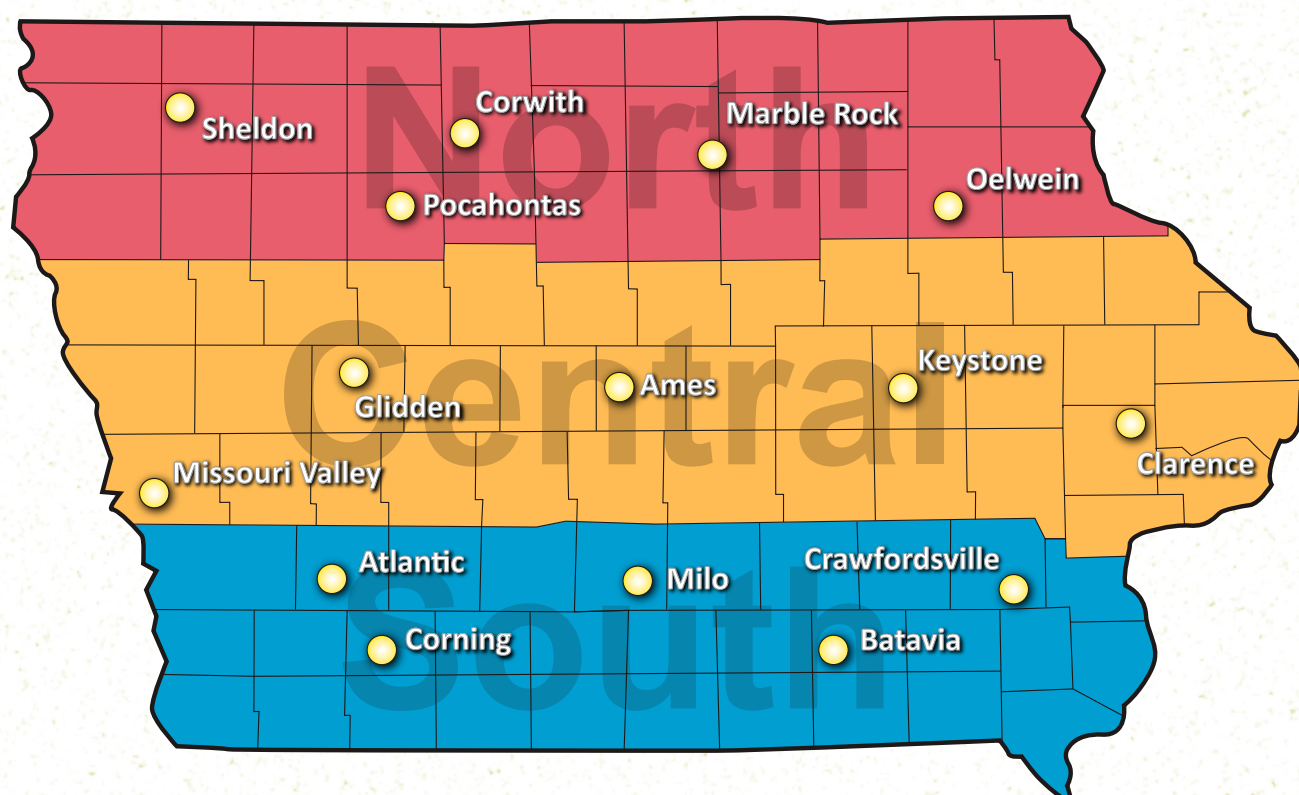


Table 1. General information for the 2022 corn test.

Location and Cooperator	Soil Type	Planting Date	Harvest Date	Avg Yield Bu/Acre
North				
Sheldon, Daryl Roos	Galva/Primghar silty clay loam	6-May	7-Oct	227.8
Pocahontas, John Schott	Clarion loam & Canisteo clay loam	10-May	4-Oct	189.0
Corwith, Norm & Jonathan Chambers	Canisteo clay loam & Kossuth silty clay loam	13-May	17-Oct	211.9
Marble Rock, Dave Muth	Ostrander/Floyd/Rockton loam	12-May	20-Oct	201.0
Oelwein, Heath Geiselman	Readlyn silt loam & Floyd loam	12-May	23-Oct	223.8
Central				
Missouri Valley, Dean McIntosh	Kennebec silt loam	29-Apr	11-Oct	173.8
Glidden, David & Andy Theilen	Clarion/Nicollet loam	13-May	16-Oct	211.5
Ames, Kevin Scholbrock	Canisteo clay loam & Clarion loam	22-May	22-Oct	239.0
Keystone, Dennis & Steve Pohlman	Muscatine/Tama/Garwin silty clay loam	12-May	19-Oct	225.9
Clarence, Dave Elijah	Muscatine/Tama silty clay loam	15-May	19-Oct	243.0
South				
Atlantic, Nick Hunt	Corley-Miden complex, Melia silty clay loam	11-May	14-Oct	203.0
Corning, David Fuller	Winterset/Macksburg silty clay loam	11-May	8-Oct	192.8
Milo, Craig & Adam Hill	Givin/Ladoga/Clinton silt loam	5-May	6-Oct	218.9
Batavia, Pat Hammes	Mahaska/Taintor silty clay loam	10-May	6-Oct	188.9
Crawfordsville, Cody Schneider	Mahaska/Taintor silty clay loam	11-May	7-Oct	236.0

Table 2. GMO, Seed treatment, and other data descriptions.

GMO Trait Package		Herb Tech: Herbicide Technology	
AM	Optimum AQUAMax	None	Conventional
DGVT2P	Genuity DroughtGard + VT2P	GT	Agrisure Glyphosate
None	No Seed Treatment	GT, LL	Agrisure Glyphosate + Liberty Link
PC	PowerCore	LL, RR2	Liberty Link + Roundup Ready 2
Qrome	Qrome	RR2	Roundup Ready 2
SSX	SmartStax	Seed Treatment	
SSXP	SmartStax Pro	A500PV	Acceleron 500/Poncho/VOTiVO
TRC	Trecepta	ACL	Acceleron unspecified
V3111	Viptera 3111	ACL250	Acceleron @ 0.250 mg ai / seed
V3120	Viptera 3120	C250	Cruiser @ 0.250 mg ai / seed
V5222	Viptera 5222	CEP	Cruiser Extreme Pak
VT2P	YieldGard VT Double PRO	LMGN	LumiGEN
-RIB	Refuge-in-bag	MX-QT	Maxim + Quattro
		P500V	Poncho 500 + VOTiVO
RM: Relative maturity in days, provided by entrant Yield: Bushels per acre, standardized at 15.5% moisture Moist: Harvest moisture, expressed as percent AGV: Adjusted Gross Value, based on a price per bushel of \$7.00 and drying costs of 4 cents per point			
This year we evaluated over 161 hybrids from 15 companies in 222 district-by-hybrid combinations. Entries were distributed in three districts and two experiments per district. Each experiment was grown at five locations, with four replicates of each entry at each location.			

Table 3. North district 2-year means, 2021-2022.**North early-season hybrids, $\approx$ RM $\leq$ 103**

Company	Hybrid	RM	Trait Pkg	Herb Tech	Yield Bu/A	Moist %	NW Yield Bu/A	NE Yield Bu/A	AGV \$
Legacy Seeds	LC474-20	97	TRC-RIB	RR2	215.2	15.3	216.8	211.0	1,286
Pioneer	P0075AM	100	AM	LL,RR2	213.6	16.3	215.7	210.8	1,269
Legacy Seeds	LC-5319	103	SSX-RIB	LL,RR2	213.3	16.3	207.2	220.3	1,267
Titan Pro	84-01	101	None	None	212.5	15.9	210.9	212.2	1,265
NuTech/G2 Genetics	57A4Q	97	Qrome	LL,RR2	212.3	15.9	211.7	212.5	1,264
Viking	46-02	102	None	None	209.7	16.0	212.3	206.1	1,247
NuTech/G2 Genetics	60A2Q	100	Qrome	LL,RR2	208.1	16.6	212.6	208.5	1,234
Four Star	6D22	102	VT2P-RIB	RR2	205.5	15.9	203.2	207.6	1,224
Renk	RK590VT2P	98	VT2P	RR2	205.2	15.1	204.9	206.7	1,229
Cornelius	C6209DP	102	VT2P	RR2	205.1	15.7	203.2	205.8	1,223
Viking	99-00	100	None	None	204.8	15.4	204.1	205.3	1,223
Renk	RK579DGV2P	99	DGV2P-RIB	RR2	203.8	15.3	202.0	203.2	1,218
Pioneer	P0220Q	102	Qrome	LL,RR2	202.7	16.3	207.0	198.1	1,203
Viking	52-00	100	None	None	202.3	15.2	204.4	200.7	1,211
Renk	RK600VT2P	100	VT2P	RR2	202.2	15.4	201.0	199.3	1,208
Experiment Mean					207.3	15.8	208.5	205.5	
LSD(0.25)					8.9	0.4	10.4	11.2	

North full-season hybrids, $\approx$ RM $>$ 103

Company	Hybrid	RM	Trait Pkg	Herb Tech	Yield Bu/A	Moist %	NW Yield Bu/A	NE Yield Bu/A	AGV \$
Titan Pro	24-04	104	None	None	230.3	18.2	230.1	227.0	1,349
NuTech/G2 Genetics	66C2Q	106	Qrome	LL,RR2	229.7	19.0	237.1	222.3	1,337
NuTech/G2 Genetics	64B5Q	104	Qrome	LL,RR2	228.9	18.0	235.0	218.4	1,342
NuTech/G2 Genetics	69B9Q	109	Qrome	LL,RR2	227.5	20.4	229.2	221.4	1,310
Viking	72-06	106	None	None	227.2	18.5	227.4	224.3	1,328
Titan Pro	92-09	109	None	None	226.9	19.7	228.7	220.4	1,314
Renk	RK625DGV2P	104	DGV2P-RIB	RR2	223.8	16.9	229.0	215.8	1,323
Pioneer	P0963AM	109	AM	LL,RR2	223.8	20.6	226.6	216.3	1,287
Four Star	EXP 9102	109	VT2P-RIB	RR2	223.4	20.1	227.0	218.1	1,291
Four Star	6D47	109	VT2P-RIB	RR2	223.0	19.2	224.8	216.0	1,297
Renk	RK782VT2P	109	VT2P	RR2	222.3	19.9	228.5	213.6	1,285
Legacy Seeds	LC564-20	105	PC	LL,RR2	222.3	19.6	229.1	214.2	1,288
Viking	84-05	105	None	None	222.2	17.4	229.5	214.5	1,309
Pioneer	P0595AM	105	AM	LL,RR2	220.7	19.2	220.1	215.5	1,284
NuTech/G2 Genetics	64D1AM	104	AM	LL,RR2	216.8	18.3	218.8	212.2	1,269
Four Star	6S60	109	SSX-RIB	LL,RR2	214.9	20.3	219.9	206.9	1,239
Four Star	6D33	104	VT2P-RIB	RR2	214.4	16.9	220.4	206.3	1,267
Renk	RK710DGV2P	107	DGV2P-RIB	RR2	213.5	18.2	209.5	219.2	1,250
Viking	51-04	104	None	None	212.9	18.6	212.8	214.2	1,244
Viking	48-08	108	None	None	211.0	19.1	208.1	209.3	1,227
Cornelius	C575DP	109	VT2P	RR2	206.6	19.5	196.8	216.0	1,199
Experiment Mean					221.3	18.7	225.1	215.5	
LSD(0.25)					8.3	0.6	11.0	9.0	

Table 4. Central district 2-year means, 2021-2022.**Central early-season hybrids, $\approx$ RM $\leq$ 109**

Company	Hybrid	RM	Trait Pkg	Herb Tech	Yield Bu/A	Moist %	CW Yield Bu/A	CE Yield Bu/A	AGV \$
NuTech/G2 Genetics	64B5Q	104	Qrome	LL,RR2	230.7	14.5	221.9	240.9	1,387
Cornelius	C6936SS	109	SSX	LL,RR2	229.8	15.7	223.8	238.8	1,370
NuTech/G2 Genetics	69B9Q	109	Qrome	LL,RR2	229.3	15.4	225.4	238.7	1,370
DuraCrop	3099 VT2P	109	VT2P	RR2	227.8	15.1	219.7	240.7	1,364
NuTech/G2 Genetics	66C2Q	106	Qrome	LL,RR2	226.3	15.1	217.3	235.6	1,355
Pioneer	P0963AM	109	AM	LL,RR2	225.0	15.5	220.5	236.1	1,343
Viking	72-06	106	None	None	224.1	14.3	219.6	233.3	1,348
Prairie Hybrids	4470	106	None	None	223.1	14.2	218.0	232.5	1,344
Four Star	6S60	109	SSX-RIB	LL,RR2	223.1	15.1	219.5	229.6	1,335
DuraCrop	3079 VT2P	108	VT2P	RR2	223.1	15.0	219.8	230.8	1,336
Prairie Hybrids	5141/5142	109	None	None	222.3	15.6	222.9	225.3	1,326
Four Star	EXP 9102	109	VT2P-RIB	RR2	219.9	15.6	212.0	226.8	1,311
Cornelius	C575DP	109	VT2P	RR2	219.7	15.1	217.9	227.8	1,315
Pioneer	P0595AM	105	AM	LL,RR2	218.6	14.5	210.8	228.0	1,314
Viking	84-05	105	None	None	216.9	14.2	211.4	227.9	1,306
Four Star	6D47	109	VT2P-RIB	RR2	215.7	14.8	210.6	224.6	1,294
NuTech/G2 Genetics	64D1AM	104	AM	LL,RR2	215.7	14.2	209.1	222.5	1,298
Viking	48-08	108	None	None	214.4	15.0	210.8	221.8	1,284
DenBesten	DB38-06	106	None	None	212.9	14.2	206.5	223.4	1,282
Experiment Mean					222.2	14.8	218.1	230.0	
LSD(0.25)					7.2	0.3	9.3	9.6	

Central full-season hybrids, $\approx$ RM $>$ 109

Company	Hybrid	RM	Trait Pkg	Herb Tech	Yield Bu/A	Moist %	CW Yield Bu/A	CE Yield Bu/A	AGV \$
Cornelius	C7366DGDP	113	DGVT2P-RIB	RR2	237.9	17.0	232.1	245.4	1,406
NuTech/G2 Genetics	70F2Q	110	Qrome	LL,RR2	234.0	16.1	223.1	247.5	1,391
DuraCrop	3143 VT2P	114	VT2P	RR2	231.9	17.8	231.7	222.5	1,362
NuTech/G2 Genetics	72B7Q	112	Qrome	LL,RR2	231.4	16.6	224.4	227.3	1,372
NuTech/G2 Genetics	70A8AM	110	AM	LL,RR2	231.1	16.2	224.1	240.1	1,373
NuTech/G2 Genetics	74B6AM	114	AM	LL,RR2	230.9	17.1	224.8	232.3	1,363
Cornelius	C7308SS	113	SSX	LL,RR2	230.3	17.2	218.2	243.1	1,359
Four Star	6D59	110	VT2P-RIB	RR2	228.7	16.2	219.3	237.3	1,359
NuTech/G2 Genetics	74A9AM	114	AM	LL,RR2	228.7	17.6	220.3	236.3	1,346
Titan Pro	11-11	111	None	None	227.0	15.3	216.1	240.6	1,357
Pioneer	P1082AM	110	AM	LL,RR2	225.9	16.3	216.7	239.8	1,341
Prairie Hybrids	6878	112	None	None	225.6	17.1	216.9	232.2	1,332
Viking	58-11	111	None	None	225.1	15.4	217.9	232.7	1,345
DuraCrop	3135 VT2P	113	VT2P	RR2	224.7	15.9	211.5	238.8	1,338
Renk	RK895DGVT2P	113	DGVT2P-RIB	RR2	224.3	17.0	214.5	231.7	1,325
Titan Pro	12-12 2P	112	VT2P-RIB	LL,RR2	222.9	16.0	208.9	241.6	1,326
Pioneer	P1185Q	111	Qrome	LL,RR2	220.2	16.6	213.8	227.7	1,305
Experiment Mean					224.6	16.7	217.6	234.8	
LSD(0.25)					7.3	0.4	8.9	11.7	

Table 5. South district 2-year means, 2021-2022.**South early-season hybrids, $\approx$ RM $\leq$ 112**

Company	Hybrid	RM	Trait Pkg	Herb Tech	Yield Bu/A	Moist %	SW Yield Bu/A	SE Yield Bu/A	AGV \$
NuTech/G2 Genetics	70F2Q	110	Qrome	LL,RR2	230.9	15.8	237.9	233.7	1,375
NuTech/G2 Genetics	72B7Q	112	Qrome	LL,RR2	228.6	16.6	238.5	226.0	1,355
NuTech/G2 Genetics	72D4AM	112	AM	LL,RR2	228.2	16.4	235.3	228.5	1,354
NuTech/G2 GeneticsW	69B9Q	109	Qrome	LL,RR2	228.0	15.8	234.0	234.2	1,359
Pioneer	P1185Q	111	Qrome	LL,RR2	224.4	16.3	230.5	224.3	1,332
DuraCrop	3099 VT2P	109	VT2P	RR2	223.4	15.4	234.0	222.2	1,335
NuTech/G2 Genetics	70A8AM	110	AM	LL,RR2	220.2	15.9	224.9	220.8	1,311
Four Star	6D59	110	VT2P-RIB	RR2	218.6	15.8	229.9	216.7	1,303
Pioneer	P1082AM	110	AM	LL,RR2	214.9	16.2	222.9	220.4	1,277
Experiment Mean					220.8	15.9	230.2	222.5	
LSD(0.25)					7.5	0.4	10.3	9.6	

South full-season hybrids, $\approx$ RM $>$ 112

Company	Hybrid	RM	Trait Pkg	Herb Tech	Yield Bu/A	Moist %	SW Yield Bu/A	SE Yield Bu/A	AGV \$
NuTech/G2 Genetics	74A9AM	114	AM	LL,RR2	231.8	18.1	242.9	235.2	1,359
NuTech/G2 Genetics	74B6AM	114	AM	LL,RR2	226.8	17.1	234.8	233.7	1,339
DuraCrop	3143 VT2P	114	VT2P	RR2	226.6	17.3	238.3	233.0	1,336
NuTech/G2 Genetics	77A5AM	117	AM	LL,RR2	226.4	18.5	236.1	224.9	1,323
Renk	RK915VT2P	115	VT2P	RR2	225.5	17.6	236.6	231.4	1,326
Pioneer	P1563AM	115	AM	LL,RR2	219.5	17.9	224.9	226.0	1,289
DuraCrop	3150 VT2P	115	VT2P	RR2	217.5	18.9	231.7	214.5	1,268
Pioneer	P1366AM	113	AM	LL,RR2	213.1	16.0	215.9	222.9	1,268
Renk	RK895DGV2P	113	DGV2P-RIB	RR2	212.6	16.4	222.6	220.4	1,262
Experiment Mean					224.2	17.5	234.8	227.8	
LSD(0.25)					8.8	0.5	12.9	9.8	



Table 6. North district, 2022 district and single-location means. Early-season test, RM ≤ 103.

Company	Hybrid	Trait Pkg	Herb Tech	District Means					Single Location Yield				
				Yield Bu/A	NW Yield	NE Yield	Moist %	AGV \$	Sheldon	Pocahontas	Corwith	Marble Rock	Oelwein
NuTech/G2 Genetics	60A4AM	AM	LL,RR2	222.1	228.4	216.8	17.2	1,531	240.3	190.0	217.8	199.1	260.1
DEKALB	DKC101-35GEN	VT2P-RIB	RR2	216.9	215.5	216.7	15.8	1,508	237.2	189.1	229.3	195.8	235.2
NuTech/G2 Genetics	59A1AM	AM	LL,RR2	214.4	224.0	214.9	16.0	1,489	228.2	179.3	227.0	192.7	243.3
Pioneer	P0075AM	AM	LL,RR2	213.4	213.5	211.8	16.4	1,478	227.3	186.9	215.1	200.8	233.8
NuTech/G2 Genetics	60A2Q	Qrome	LL,RR2	211.9	216.3	212.1	16.9	1,464	228.8	174.9	222.8	193.3	241.6
Four Star	EXP 2219	VT2P-RIB	RR2	209.3	208.2	212.4	15.7	1,456	238.4	202.1	201.1	188.0	218.0
Cornelius	C5972TRE	TRC	RR2	209.1	205.9	213.1	15.5	1,457	229.7	197.7	207.5	184.5	221.3
Legacy Seeds	LC511-21	SSX-RIB	LL,RR2	209.0	215.1	209.2	16.1	1,450	222.6	179.0	226.7	188.8	229.2
NuTech/G2 Genetics	57A4Q	Qrome	LL,RR2	207.2	213.1	208.4	15.6	1,442	224.6	180.0	215.5	191.7	225.5
Viking	46-02	None	None	206.6	206.5	207.2	16.3	1,433	224.7	186.1	212.6	170.4	237.1
Four Star	EXP 2217	VT2P-RIB	RR2	205.6	208.4	203.0	15.2	1,434	222.7	178.0	205.5	187.9	231.7
Dyna-Gro	D43VC81	VT2P	RR2	205.4	209.3	202.8	16.4	1,424	214.5	184.7	204.4	195.1	230.1
LG Seeds	LG49C28	VT2P	RR2	205.3	207.7	203.3	15.5	1,430	223.9	179.7	202.7	184.0	240.3
Pioneer	P0220Q	Qrome	LL,RR2	205.1	209.6	201.5	16.1	1,424	219.0	180.9	205.7	185.7	236.6
Titan Pro	84-01	None	None	204.5	205.7	201.3	16.1	1,419	219.7	179.4	206.1	190.7	229.3
Four Star	6D22	VT2P-RIB	RR2	203.6	205.6	201.8	15.9	1,415	220.0	183.5	201.9	189.9	225.9
Titan Pro	26-02 PCE	PC	LL,RR2	203.4	215.5	192.0	18.1	1,394	210.5	153.3	212.2	192.8	247.0
Legacy Seeds	LC474-20	TRC-RIB	RR2	203.1	207.6	205.3	15.3	1,416	228.7	175.3	207.8	177.1	229.4
LG Seeds	LG52C42	VT2P	RR2	201.9	218.2	188.2	17.5	1,389	223.3	135.7	219.6	183.9	246.3
Renk	RK609VT2P	VT2P	RR2	197.4	199.6	194.4	15.6	1,374	217.9	160.1	205.8	174.8	230.7
LG Seeds	LG52C73	SSX-RIB	LL,RR2	196.8	200.9	193.8	15.8	1,368	224.2	154.0	207.8	181.4	216.2
Legacy Seeds	LC-5319	SSX-RIB	LL,RR2	195.9	215.0	180.0	15.8	1,362	220.2	109.0	212.7	208.9	228.6
Viking	52-00	None	None	195.0	197.3	196.8	15.3	1,360	207.2	175.8	218.6	173.0	202.2
Viking	99-00	None	None	194.8	201.9	195.4	15.5	1,357	214.9	155.3	210.0	180.0	213.2
Renk	RK590VT2P	VT2P	RR2	194.6	206.9	192.2	14.9	1,360	223.3	142.6	210.7	172.1	222.5
Legacy Seeds	LC-4248	SSX-RIB	LL,RR2	194.1	197.2	181.9	15.4	1,352	219.2	153.6	177.8	189.8	233.7
Cornelius	C6007DP	VT2P	RR2	194.0	209.8	187.5	15.4	1,352	213.6	140.6	207.2	183.3	226.7
Cornelius	C6209DP	VT2P	RR2	193.5	200.1	189.8	16.1	1,343	218.5	147.9	204.1	184.2	217.8
Renk	RK579DGV2P	DGV2P-RIB	RR2	191.9	193.5	189.0	15.2	1,339	212.3	164.2	188.4	182.0	215.0
Dyna-Gro	D40VC41	VT2P	RR2	190.2	195.7	181.6	15.2	1,327	214.2	143.4	170.9	186.5	234.1
Renk	RK597SSPRO	SSX	LL,RR2	189.0	203.6	187.1	15.2	1,319	203.3	152.7	200.7	160.5	224.0
Renk	RK600VT2P	VT2P	RR2	188.9	190.8	177.5	15.2	1,318	214.0	154.9	172.1	173.4	229.5
Cornelius	C6028SSP	SSXP	LL,RR2	188.2	201.6	181.0	14.9	1,315	207.4	135.1	203.7	193.3	208.8
Experiment Mean				201.9	15.9			1,403	221.0	166.8	207.0	185.9	229.2
Minimum Mean				188.2	14.9			1,315	203.3	109.0	170.9	160.5	202.2
Maximum Mean				222.1	18.1			1,531	240.3	202.1	229.3	208.9	260.1
LSD(0.25)				8.6	0.5				7.5	11.7	8.4	16.9	7.6
Coefficient of Variability				5.8					3.7	6.8	4.3	9.1	3.9



Table 7. North district, 2022 district and single-location means. Full-season test, RM > 103.

Company	Hybrid	Trait Pkg	Herb Tech	District Means					Single Location Yield				
				Yield Bu/A	NW Yield	NE Yield	Moist %	AGV \$	Sheldon	Pocahontas	Corwith	Marble Rock	Oelwein
Viking	72-06	None	None	232.2	232.1	231.3	19.0	1,583	247.1	216.5	228.8	226.6	237.0
NuTech/G2 Genetics	66C2Q	Qrome	LL,RR2	230.4	226.0	234.3	19.4	1,567	246.9	222.6	238.9	210.5	229.8
Epley Brothers Hybrids	E1530	None	None	229.2	236.3	228.0	18.9	1,564	234.3	209.5	232.8	225.0	240.6
NuTech/G2 Genetics	64B5Q	Qrome	LL,RR2	228.8	219.0	237.1	18.3	1,567	256.1	230.0	220.2	220.0	216.9
Viking	0.84-04	None	None	228.4	226.4	227.4	17.4	1,573	237.1	222.9	219.9	219.0	247.9
Titan Pro	23-08	None	None	227.9	228.3	228.5	19.7	1,546	246.2	217.4	214.4	229.7	229.7
Titan Pro	24-04	None	None	227.7	227.1	221.6	18.5	1,557	237.2	214.2	221.5	240.7	230.1
Viking	85-09	None	None	226.2	219.3	222.0	19.6	1,536	246.7	219.0	208.5	221.5	238.1
NuTech/G2 Genetics	69B9Q	Qrome	LL,RR2	225.1	217.0	225.2	20.6	1,519	242.7	223.0	209.8	227.3	219.6
DEKALB	DKC105-35GEN	VT2P-RIB	RR2	224.3	223.6	228.5	18.3	1,536	247.7	214.7	219.0	211.7	223.4
DEKALB	DKC56-26	TRC-RIB	RR2	224.2	221.1	224.0	19.2	1,526	244.1	206.1	215.8	218.7	237.4
Legacy Seeds	LC594-21	VT2P	RR2	223.5	217.3	228.7	19.2	1,522	254.5	218.8	216.5	212.9	213.6
Dyna-Gro	D49VC53	VT2P	RR2	223.5	212.8	232.8	19.8	1,516	245.0	223.0	226.7	208.8	214.5
LG Seeds	LG59C72	VT2P-RIB	RR2	223.2	216.9	225.6	20.2	1,509	243.6	226.8	212.0	206.6	230.2
Cornelius	C7021DP	VT2P	RR2	223.2	219.1	225.9	20.3	1,509	247.6	210.8	221.3	216.4	217.3
Titan Pro	92-09	None	None	222.2	217.5	228.2	19.7	1,508	247.5	220.8	214.8	216.3	212.1
NuTech/G2 Genetics	68A9AM	AM	LL,RR2	222.1	212.4	227.8	21.0	1,495	243.3	227.9	208.5	211.2	221.6
Four Star	EXP 9102	VT2P-RIB	RR2	221.7	215.5	225.3	20.9	1,492	251.2	201.7	224.4	212.7	218.3
Legacy Seeds	LC544-22	None	None	221.5	216.1	220.8	17.5	1,525	235.7	211.5	217.0	218.5	225.8
Legacy Seeds	LC551-22	SSX	LL,RR2	221.2	224.7	220.1	17.1	1,526	226.3	194.9	241.0	225.7	220.5
Pioneer	P0595AM	AM	LL,RR2	220.6	216.4	219.2	19.8	1,496	230.9	215.8	208.2	212.8	233.7
Legacy Seeds	LC564-20	PC	LL,RR2	219.8	211.4	227.9	19.8	1,491	245.6	210.5	220.7	186.6	230.3
NuTech/G2 Genetics	65B2Q	Qrome	LL,RR2	218.9	223.0	220.4	19.1	1,491	227.8	206.9	222.9	213.0	222.9
Renk	RK782VT2P	VT2P	RR2	218.3	208.0	224.6	19.5	1,483	245.9	215.4	210.3	211.1	210.3
Pioneer	P0963AM	AM	LL,RR2	217.7	209.6	221.1	20.9	1,465	244.9	210.3	206.7	198.6	224.4
Legacy Seeds	LC554-21	DGVT2P-RIB	RR2	217.4	211.7	215.6	16.7	1,503	237.3	208.3	202.9	232.2	206.0
Viking	84-05	None	None	217.2	215.2	224.2	17.7	1,493	229.7	218.2	222.9	207.3	211.9
Renk	RK625DGVT2P	DGVT2P-RIB	RR2	215.4	212.1	221.5	16.8	1,489	239.7	208.0	215.0	199.3	210.2
Renk	RK720TRE	VT2P	GT	215.4	209.4	223.1	17.3	1,484	244.0	204.3	221.6	202.3	205.2
Cornelius	C6762SSP	SSXP	LL,RR2	214.7	218.4	219.3	18.2	1,471	229.2	210.0	227.8	211.3	197.9
NuTech/G2 Genetics	64D1AM	AM	LL,RR2	213.4	212.9	213.3	18.8	1,457	234.8	199.7	206.0	186.2	237.2
Renk	RK774VT2P	VT2P	RR2	213.3	216.6	217.6	18.8	1,456	230.6	189.2	223.4	214.2	204.1
Dyna-Gro	D48VC84	VT2P	RR2	213.3	217.4	211.5	19.8	1,447	211.7	194.4	219.4	222.8	216.9
LG Seeds	LG57C33	VT2P-RIB	RR2	212.4	214.9	210.7	18.9	1,450	222.6	200.0	208.2	208.6	225.1
Four Star	6D33	VT2P-RIB	RR2	211.8	206.1	213.6	16.8	1,464	226.3	215.2	204.1	205.5	203.6
Cornelius	C6847TRE	TRC	RR2	210.8	218.4	207.2	19.7	1,430	229.7	168.2	225.5	211.2	217.8
LG Seeds	LG54C76	SSX-RIB	LL,RR2	209.7	201.6	216.3	18.6	1,434	236.5	206.3	209.0	198.0	200.2
Renk	RK715SSTX	SSX	LL,RR2	208.7	208.6	210.0	17.7	1,435	233.7	184.3	216.1	203.2	213.2
Four Star	6D47	VT2P-RIB	RR2	206.4	207.4	205.8	19.4	1,403	224.0	198.3	196.4	199.4	217.0
Cornelius	C6724SS	SSX	LL,RR2	205.9	208.2	207.5	18.6	1,408	226.7	189.0	200.6	205.1	205.7
Legacy Seeds	LC541-22	SSX-RIB	LL,RR2	205.8	201.4	209.1	17.6	1,416	226.5	197.4	211.1	192.2	209.3
Viking	51-04	None	None	203.8	212.3	199.2	19.0	1,390	204.8	171.1	216.8	207.9	216.3
Viking	48-08	None	None	203.2	207.1	193.9	19.2	1,383	205.7	181.9	193.2	200.3	234.6
Four Star	6S60	SSX-RIB	LL,RR2	202.7	198.5	202.0	19.8	1,374	210.6	205.9	192.0	203.8	208.0
Renk	RK710DGVT2P	DGVT2P-RIB	RR2	194.5	215.5	182.9	17.8	1,336	149.7	171.2	220.8	212.6	218.4
Cornelius	C575DP	VT2P	RR2	183.3	210.3	162.7	19.8	1,243	174.1	116.2	197.7	216.3	213.0
Experiment Mean				217.0	18.9			1,480	232.7	205.0	215.5	211.8	220.0
Minimum Mean				183.3	16.7			1,243	149.7	116.2	192.0	186.2	197.9
Maximum Mean				232.2	21.0			1,583	256.1	230.0	241.0	240.7	247.9
LSD(0.25)				9.4	0.7				9.0	11.0	10.6	15.2	8.0
Coefficient of Variability				5.7					4.3	5.7	5.8	7.9	4.2

Table 8. Central district, 2022 district and single-location means. Early-season test, RM ≤ 109.

Company	Hybrid	Trait Pkg	Herb Tech	District Means					Single Location Yield				
				Yield Bu/A	NW Yield	NE Yield	Moist %	AGV \$	Missouri Valley	Glidden	Ames	Keystone	Clarence
NuTech/G2 Genetics	68A9AM	AM	LL,RR2	235.0	251.9	221.8	15.5	1,637	172.4	244.0	251.9	237.7	269.0
LG Seeds	LG58C48	VT2P	RR2	230.4	247.5	223.5	16.2	1,599	189.4	216.7	250.0	230.0	264.1
Cornelius	C7021DP	VT2P	RR2	229.9	239.5	218.2	15.7	1,600	192.9	229.6	230.9	224.9	265.9
Cornelius	C6936SS	SSX	LL,RR2	226.5	241.2	221.5	15.6	1,576	181.0	229.0	244.8	227.6	251.5
Prairie Hybrids	5883	None	None	224.8	238.6	219.4	15.3	1,568	186.9	215.1	245.8	225.3	246.7
NuTech/G2 Genetics	69B9Q	Qrome	LL,RR2	224.5	241.0	216.1	15.7	1,562	164.6	236.0	250.2	209.4	263.9
NuTech/G2 Genetics	66C2Q	Qrome	LL,RR2	224.0	242.2	212.0	15.1	1,564	183.1	211.8	232.7	237.2	256.4
DuraCrop	3099 VT2P	VT2P	RR2	223.9	249.5	207.8	15.2	1,563	180.6	200.1	247.9	231.4	264.0
NuTech/G2 Genetics	64B5Q	Qrome	LL,RR2	223.0	240.5	209.5	14.5	1,562	175.3	223.3	229.6	237.6	249.4
Cornelius	C6900	None	None	221.7	238.9	210.4	15.4	1,545	183.2	212.8	242.7	218.6	250.5
Titan Pro	23-08	None	None	221.6	239.2	212.8	15.2	1,547	181.1	207.0	246.3	224.3	252.6
Renk	RK782VT2P	VT2P	RR2	221.4	233.7	211.9	15.4	1,544	192.4	213.3	234.0	204.5	260.9
Four Star	EXP 9102	VT2P-RIB	RR2	220.6	237.1	210.3	16.2	1,531	171.2	226.4	229.4	221.0	257.6
NuTech/G2 Genetics	65B2Q	Qrome	LL,RR2	220.2	230.3	212.4	14.7	1,540	182.3	229.4	225.3	221.4	243.6
Pioneer	P0963AM	AM	LL,RR2	218.8	237.7	210.3	15.6	1,524	163.7	222.3	245.7	212.6	251.2
LG Seeds	LG59C72	VT2P-RIB	RR2	218.5	231.0	214.4	15.3	1,523	173.5	226.8	237.2	209.4	243.0
Viking	0.84-04	None	None	218.1	236.1	208.3	13.8	1,534	179.6	207.7	230.8	223.3	250.5
Prairie Hybrids	4470	None	None	217.7	232.0	208.0	14.0	1,529	164.7	228.8	232.1	214.7	248.2
Dyna-Gro	D47SS93	SSX	LL,RR2	217.3	234.5	212.3	14.5	1,523	190.7	191.7	247.0	204.8	250.2
Viking	72-06	None	None	217.2	233.5	211.0	14.3	1,523	171.4	217.1	230.1	220.8	245.8
Viking	85-09	None	None	216.8	233.2	206.0	15.2	1,512	180.7	207.9	238.5	216.4	243.3
Cornelius	C6724SS	SSX	LL,RR2	216.4	225.6	216.2	14.8	1,513	191.3	206.2	240.8	208.2	229.3
Prairie Hybrids	5141/5142	None	None	215.8	223.0	210.9	15.8	1,500	168.8	237.1	223.7	234.7	212.9
Pioneer	P0595AM	AM	LL,RR2	215.7	230.3	206.3	14.5	1,511	179.3	209.6	230.2	219.0	243.3
Renk	RK774VT2P	VT2P	RR2	214.4	227.3	206.4	14.6	1,501	183.2	198.5	251.4	212.1	227.8
DuraCrop	3079 VT2P	VT2P	RR2	213.3	224.5	207.2	15.5	1,486	167.8	217.7	235.4	204.2	237.1
DEKALB	DKC107-33GEN	SSXP-RIB	LL,RR2	213.2	229.7	202.2	15.2	1,488	176.5	204.3	231.6	214.1	241.3
Epley Brothers Hybrids	E1403VT2P	VT2P	RR2	211.4	231.8	205.4	13.5	1,489	179.5	183.8	239.2	202.0	253.7
Four Star	6S60	SSX-RIB	LL,RR2	210.5	220.3	209.2	15.3	1,469	186.2	203.5	229.7	200.1	232.7
Prairie Hybrids	3259	None	None	209.4	230.3	196.8	14.1	1,471	162.9	196.5	239.1	204.2	247.6
NuTech/G2 Genetics	64D1AM	AM	LL,RR2	208.7	224.7	196.5	14.0	1,466	158.6	207.6	217.2	211.4	247.1
Viking	48-08	None	None	208.3	224.5	196.2	14.6	1,458	161.9	215.0	219.4	222.1	229.7
Dyna-Gro	D48VC84	VT2P	RR2	208.0	220.3	206.3	14.5	1,457	188.9	188.1	243.1	182.2	237.3
LG Seeds	LG57C33	VT2P-RIB	RR2	207.2	222.1	201.4	14.3	1,453	181.5	191.7	238.6	199.1	226.7
Viking	84-05	None	None	205.6	227.8	195.6	14.2	1,443	154.9	193.2	239.3	201.4	241.4
Four Star	6D47	VT2P-RIB	RR2	204.7	220.6	196.8	14.6	1,433	165.8	188.9	235.3	188.8	243.9
DenBesten	DB38-06	None	None	203.7	219.1	193.9	14.4	1,428	168.7	198.4	222.0	204.6	229.7
Renk	RK715SSTX	SSX	LL,RR2	202.9	211.9	198.4	14.2	1,424	178.4	197.8	226.1	191.9	217.6
Cornelius	C575DP	VT2P	RR2	198.5	211.3	203.2	15.2	1,385	175.8	180.5	241.8	202.0	183.6
DenBesten	DB33-05	None	None	192.7	201.7	182.0	15.1	1,345	142.8	210.9	200.4	192.6	217.4
Experiment Mean				215.8	14.9			1,508	175.8	210.7	235.7	213.7	243.2
Minimum Mean				192.7	13.5			1,345	142.8	180.5	200.4	182.2	183.6
Maximum Mean				235.0	16.2			1,637	192.9	244.0	251.9	237.7	269.0
LSD(0.25)				8.4	0.4				7.9	12.1	7.2	10.5	10.5
Coefficient of Variability				4.9					4.4	5.9	3.6	5.2	4.9

Table 9. Central district, 2022 district and single-location means. Full-season test, RM > 109.

Company	Hybrid	Trait Pkg	Herb Tech	District Means					Single Location Yield				
				Yield Bu/A	NW Yield	NE Yield	Moist %	AGV \$	Missouri Valley	Glidden	Ames	Keystone	Clarence
NuTech/G2 Genetics	70B4AM	AM	LL,RR2	234.4	252.7	223.1	16.5	1,623	179.8	234.8	258.3	257.3	241.9
Cornelius	C7366DGDGP	DGVT2P-RIB	RR2	233.4	254.6	221.4	17.4	1,607	192.6	218.4	247.2	240.5	267.1
NuTech/G2 Genetics	70F2Q	Qrome	LL,RR2	231.8	255.2	212.9	16.3	1,607	174.2	226.0	248.2	242.9	270.3
Four Star	EXP 2272	VT2P-RIB	RR2	231.5	255.9	213.0	17.7	1,591	174.3	212.3	257.4	245.3	269.1
LG Seeds	LG63C82	DGVT2P-RIB	RR2	231.1	249.3	217.6	17.6	1,589	179.6	223.8	247.3	250.1	254.9
NuTech/G2 Genetics	74C4AM	AM	LL,RR2	229.2	241.9	218.3	16.9	1,583	172.0	247.7	241.9	248.7	237.4
NuTech/G2 Genetics	73A6Q	Qrome	LL,RR2	227.6	243.0	217.3	17.1	1,570	160.4	243.8	233.7	248.0	248.3
Cornelius	C7373SSP	SSXP	LL,RR2	227.4	239.5	212.8	17.3	1,567	199.1	210.1	236.0	236.0	254.9
LG Seeds	LG64C20-5222	V5222	GT,LL	227.3	248.9	216.1	17.7	1,563	184.9	211.7	252.9	239.4	252.1
Dyna-Gro	D53SS13	SSX	LL,RR2	227.3	246.1	212.6	16.9	1,569	187.3	214.6	243.4	239.4	255.1
Cornelius	C7308SS	SSX	LL,RR2	226.9	250.5	212.7	17.4	1,562	162.2	222.9	246.0	239.6	263.4
DuraCrop	3105 GT2X	V3120-RIB	GT,LL	226.6	251.4	210.5	17.4	1,561	171.1	214.8	247.3	253.7	248.5
NuTech/G2 Genetics	74A9AM	AM	LL,RR2	226.6	241.8	210.9	18.7	1,548	167.8	237.5	241.7	240.1	247.3
Renk	RK830SSTX	SSX	LL,RR2	226.2	246.9	207.2	16.5	1,567	177.4	207.6	247.1	238.7	258.5
Pioneer	P1082AM	AM	LL,RR2	225.8	245.8	214.1	16.3	1,565	166.2	220.5	246.1	245.3	246.0
DEKALB	DKC111-35GEN	VT2P-RIB	RR2	225.2	246.6	215.4	16.0	1,564	186.3	208.3	248.4	233.9	249.6
NuTech/G2 Genetics	74B6AM	AM	LL,RR2	225.1	239.5	214.7	17.1	1,553	176.7	235.3	234.4	240.1	244.6
LG Seeds	LG62C22	VT2P	RR2	224.3	250.9	212.0	17.5	1,543	183.5	183.8	255.1	241.6	254.4
NuTech/G2 Genetics	72B7Q	Qrome	LL,RR2	223.9	233.5	212.2	16.8	1,548	180.8	235.4	230.6	228.7	243.0
Titan Pro	11-11	None	None	222.4	247.9	204.0	15.4	1,549	158.5	210.3	235.7	248.6	255.2
Four Star	6D59	VT2P-RIB	RR2	222.3	243.2	205.3	16.6	1,539	171.9	205.5	242.0	239.7	252.8
Titan Pro	12-12 2P	VT2P-RIB	LL,RR2	222.2	248.1	206.7	16.1	1,542	170.7	190.9	242.8	236.9	264.6
NuTech/G2 Genetics	70A8AM	AM	LL,RR2	221.9	247.2	202.8	16.0	1,541	162.8	209.4	253.6	243.5	245.1
Dyna-Gro	D53TC23	TRC	RR2	221.7	248.0	202.6	16.4	1,536	172.3	201.7	243.1	230.8	259.5
NuTech/G2 Genetics	70F6Q	Qrome	LL,RR2	221.5	246.0	204.8	16.2	1,536	165.2	201.2	240.9	242.8	254.1
Viking	58-11	None	None	220.6	239.0	207.9	15.4	1,537	166.1	218.2	240.4	228.5	250.2
Prairie Hybrids	6878	None	None	219.7	240.2	211.1	17.5	1,512	172.9	211.1	243.0	235.6	239.4
NuTech/G2 Genetics	72D4Q	Qrome	LL,RR2	219.5	238.9	203.0	17.5	1,511	168.6	210.7	245.1	233.5	240.5
Four Star	EXP 2264	TRC	RR2	219.4	243.0	206.7	16.9	1,515	156.9	206.2	242.9	237.4	255.5
Titan Pro	28-13	None	None	219.2	235.5	212.4	19.5	1,489	161.5	223.6	244.9	232.1	231.5
NuTech/G2 Genetics	72A5Q	Qrome	LL,RR2	217.9	233.1	209.0	16.3	1,511	185.7	204.3	242.5	226.1	233.5
Titan Pro	18-12 SS	SSX-RIB	LL,RR2	217.9	235.4	203.7	16.9	1,505	178.2	209.5	224.6	231.9	243.5
Prairie Hybrids	6590	None	None	217.9	242.7	201.4	15.5	1,518	163.2	199.9	242.3	233.4	250.0
Renk	RK895DGVT2P	DGVT2P-RIB	RR2	217.5	236.8	200.1	17.2	1,500	168.7	202.1	240.4	235.1	239.7
Epley Brothers Hybrids	E1920	None	None	217.1	236.6	200.4	15.5	1,512	172.0	200.0	236.6	228.8	248.2
DuraCrop	1142C	None	None	216.4	235.9	210.9	17.0	1,494	163.3	222.0	245.7	229.3	225.0
Dyna-Gro	D50VC09	VT2P	RR2	216.1	240.0	201.5	15.7	1,503	181.6	185.4	234.9	232.0	250.5
DuraCrop	3135 VT2P	VT2P	RR2	216.0	245.2	192.6	16.2	1,498	161.5	182.9	240.6	237.3	258.2
DuraCrop	3143 VT2P	VT2P	RR2	215.4	229.2	207.5	18.4	1,474	185.5	201.7	247.3	238.2	200.7
Pioneer	P1185Q	Qrome	LL,RR2	215.1	234.1	205.3	16.5	1,489	158.2	214.2	232.3	232.6	236.7
Prairie Hybrids	8960	None	None	214.0	225.5	216.2	17.7	1,471	183.7	214.0	247.6	207.9	215.4
DuraCrop	1141 GT2XV	V3111-RIB	GT,LL	213.5	216.0	215.6	20.2	1,445	171.6	243.4	229.3	227.2	196.1
Renk	RK801SSTX	SSX	LL,RR2	211.3	231.8	202.8	15.7	1,470	169.0	189.6	243.2	221.1	231.2
DuraCrop	3119 GT2XV	V3111-RIB	GT,LL	210.5	228.9	197.0	18.0	1,444	154.3	209.1	240.3	233.1	219.7
DenBesten	DB31-11	None	None	202.5	217.7	195.2	15.4	1,411	159.1	206.4	217.7	231.4	191.3
DenBesten	DB33-13	None	None	190.0	204.0	186.5	18.1	1,302	151.5	178.7	222.2	216.0	177.3
Experiment Mean				221.1	16.9			1,527	172.0	212.2	241.8	236.5	242.9
Minimum Mean				190.0	15.4			1,302	151.5	178.7	217.7	207.9	177.3
Maximum Mean				234.4	20.2			1,623	199.1	247.7	258.3	257.3	270.3
LSD(0.25)				8.9	0.5				9.7	14.4	8.5	7.2	10.8
Coefficient of Variability				5.2					5.9	7.5	3.8	3.2	5.1

Table 10. South district, 2022 district and single-location means. Early-season test, RM ≤ 112.

Company	Hybrid	Trait Pkg	Herb Tech	District Means					Single Location Yield				
				Yield Bu/A	SW Yield	SE Yield	Moist %	AGV \$	Atlantic	Corning	Milo	Batavia	Crawford-ville
NuTech/G2 Genetics	70B4AM	AM	LL,RR2	220.7	229.5	214.5	16.7	1,527	209.5	205.0	232.9	207.5	246.6
Cornelius	C7124SS	SSX	LL,RR2	219.1	216.2	220.5	16.7	1,516	232.3	212.8	210.0	211.2	228.0
DuraCrop	3105 GT2X	V3120-RIB	GT,LL	218.1	227.2	210.0	17.9	1,498	195.6	216.4	219.8	214.8	244.1
NuTech/G2 Genetics	72A8AM	AM	LL,RR2	214.7	224.5	208.6	17.6	1,477	215.9	189.7	225.2	201.5	241.0
NuTech/G2 Genetics	72B7Q	Qrome	LL,RR2	213.7	219.5	219.1	17.5	1,471	203.0	210.2	226.5	190.7	236.8
NuTech/G2 Genetics	70F6Q	Qrome	LL,RR2	213.6	220.4	210.9	15.9	1,484	213.3	197.3	213.6	200.9	241.8
Renk	RK830SSTX	SSX	LL,RR2	211.9	210.5	210.1	16.3	1,469	221.7	211.4	212.2	195.8	225.2
LG Seeds	LG62C22	VT2P	RR2	211.7	221.5	207.7	17.7	1,455	197.5	201.3	230.7	194.6	236.4
NuTech/G2 Genetics	70F2Q	Qrome	LL,RR2	210.4	224.4	210.6	16.4	1,458	201.9	190.5	225.3	196.0	242.5
NuTech/G2 Genetics	72D4AM	AM	LL,RR2	209.6	213.7	207.6	16.9	1,448	200.7	206.3	212.2	186.0	243.7
DEKALB	DKC111-35GEN	VT2P-RIB	RR2	209.0	208.1	208.1	16.2	1,450	219.2	198.6	214.4	183.2	235.7
NuTech/G2 Genetics	72A5Q	Qrome	LL,RR2	208.6	209.2	200.2	16.3	1,446	192.1	211.0	208.9	198.4	232.0
Pioneer	P1185Q	Qrome	LL,RR2	208.4	216.0	207.7	17.0	1,438	216.3	178.8	212.4	190.0	240.7
Renk	RK801SSTX	SSX	LL,RR2	206.5	208.5	210.4	16.0	1,434	202.6	213.3	212.6	190.7	215.0
DuraCrop	3099 VT2P	VT2P	RR2	205.9	214.8	211.4	16.0	1,429	215.6	176.4	227.9	181.4	226.0
Dyna-Gro	D49VC53	VT2P	RR2	205.6	201.4	197.4	16.0	1,428	210.9	193.8	204.2	197.9	219.9
LG Seeds	LG60C47	SSX-RIB	LL,RR2	205.2	211.8	209.4	15.9	1,426	199.0	196.9	210.9	200.5	215.7
NuTech/G2 Genetics	69B9Q	Qrome	LL,RR2	205.0	217.8	203.6	16.4	1,420	186.7	193.4	211.1	184.4	247.2
DuraCrop	3079 VT2P	VT2P	RR2	201.1	201.0	197.4	16.1	1,396	176.7	211.3	214.1	189.3	216.3
Pioneer	P1082AM	AM	LL,RR2	201.1	203.7	183.4	17.1	1,387	193.6	184.7	200.8	192.2	234.0
NuTech/G2 Genetics	70A8AM	AM	LL,RR2	201.0	211.9	188.2	16.2	1,394	193.8	182.2	193.7	199.4	238.4
LG Seeds	LG59C72	VT2P-RIB	RR2	199.0	213.4	195.2	15.7	1,385	166.4	192.7	219.9	192.4	224.5
Four Star	6D59	VT2P-RIB	RR2	197.5	197.3	197.2	16.5	1,368	201.9	193.6	194.0	174.8	217.9
Epley Brothers Hybrids	E2120	None	None	195.9	210.8	198.8	16.0	1,361	174.6	Lost	223.5	169.8	233.5
Cornelius	C7270DP	VT2P	RR2	195.0	201.8	191.2	16.6	1,349	192.7	182.1	196.5	183.7	224.7
Dyna-Gro	D52DC82	DGVT2P	RR2	194.1	190.2	189.7	16.2	1,346	188.4	193.3	189.3	169.4	222.7
DuraCrop	3119 GT2XV	V3111-RIB	GT,LL	191.6	195.0	188.6	18.9	1,308	186.9	180.1	196.3	180.0	217.2
Four Star	EXP 2264	TRC	RR2	190.9	194.0	197.9	16.9	1,319	195.0	176.1	202.7	148.2	226.3
Experiment Mean				206.0	16.7			1,425	201.0	195.8	211.5	190.8	231.2
Minimum Mean				190.9	15.7			1,308	166.4	176.1	189.3	148.2	215.0
Maximum Mean				220.7	18.9			1,527	232.3	216.4	232.9	214.8	246.6
LSD(0.25)				8.1	0.4				9.8	9.7	15.1	11.9	8.3
Coefficient of Variability				5.5					4.6	4.8	7.1	6.8	3.7



Table 11. South district, 2022 district and single-location means. Full-season test, RM > 112.

Company	Hybrid	Trait Pkg	Herb Tech	District Means					Single Location Yield				
				Yield Bu/A	SW Yield	SE Yield	Moist %	AGV \$	Atlantic	Corning	Milo	Batavia	Crawford-ville
NuTech/G2 Genetics	74A9AM	AM	LL,RR2	221.3	227.0	222.4	19.5	1,504	218.1	200.0	235.0	213.6	238.4
Renk	RK940SSTX	SSX	LL,RR2	220.8	219.4	227.7	19.4	1,502	237.6	208.5	236.6	180.3	242.1
DEKALB	DKC64-21GEN	SSX-RIB	LL,RR2	220.1	217.9	224.5	18.5	1,505	216.6	230.1	220.2	193.3	236.9
Cornelius	C7590DP	VT2P	RR2	220.1	233.7	220.8	18.5	1,505	208.4	204.1	249.8	200.4	242.7
LG Seeds	LG66C44	VT2P-RIB	RR2	218.1	222.0	216.6	19.0	1,487	225.3	199.0	220.5	183.4	258.1
LG Seeds	LG64C20-5222	V5222	GT,LL	217.7	222.0	216.8	17.9	1,494	207.3	224.5	224.8	193.2	241.7
DuraCrop	1152 VT2P	VT2P	RR2	217.2	226.7	216.5	20.0	1,471	230.3	187.4	236.4	197.0	235.0
Cornelius	C7373SSP	SSXP	LL,RR2	216.0	219.8	214.1	17.4	1,488	217.8	196.8	239.7	194.6	233.9
Renk	RK915VT2P	VT2P	RR2	214.8	225.4	219.4	18.3	1,471	214.4	194.4	235.4	188.3	247.2
DuraCrop	3143 VT2P	VT2P	RR2	211.3	223.0	203.2	18.3	1,447	205.9	187.2	221.1	201.1	244.9
Pioneer	P1366AM	AM	LL,RR2	209.9	222.5	206.4	16.6	1,453	211.0	174.8	231.1	190.8	242.7
Titan Pro	28-13	None	None	209.2	214.5	215.6	19.9	1,417	207.0	Lost	226.2	174.7	242.2
Renk	RK958VT2P	VT2P	RR2	209.1	219.1	200.5	18.2	1,432	204.1	185.9	223.2	191.4	244.3
LG Seeds	LG63C82	DGVT2P-RIB	RR2	208.3	224.5	200.9	17.9	1,430	188.3	178.1	241.0	200.5	234.2
NuTech/G2 Genetics	74C4AM	AM	LL,RR2	207.5	217.3	193.9	17.6	1,427	211.4	173.8	208.3	190.4	252.5
DuraCrop	1141 GT2XV	V3111-RIB	GT,LL	207.5	219.0	200.9	20.8	1,398	200.2	184.6	235.3	196.4	230.4
NuTech/G2 Genetics	77A5AM	AM	LL,RR2	207.4	213.3	207.4	19.0	1,414	203.3	196.4	220.7	170.1	247.9
Pioneer	P1563AM	AM	LL,RR2	207.4	218.2	197.7	19.0	1,414	206.2	172.6	216.8	199.3	239.4
Four Star	EXP 2272	VT2P-RIB	RR2	207.4	215.8	211.0	18.3	1,420	201.1	184.5	243.6	168.4	241.6
NuTech/G2 Genetics	73A6Q	Qrome	LL,RR2	207.0	213.8	190.9	17.2	1,428	211.4	181.0	192.3	201.0	246.5
Cornelius	C7450SS	SSX	LL,RR2	206.6	218.2	207.0	16.9	1,427	193.9	197.4	219.1	192.5	231.6
Dyna-Gro	D54VC34	VT2P	RR2	205.3	218.7	195.2	18.4	1,405	190.6	169.8	227.9	192.5	241.2
Four Star	EXP 2277	TRC	RR2	204.4	212.0	199.1	18.0	1,402	196.5	189.8	232.7	176.6	236.5
NuTech/G2 Genetics	74B6AM	AM	LL,RR2	204.3	222.1	194.3	17.6	1,405	207.0	163.2	214.4	201.5	243.4
Dyna-Gro	D53TC23	TRC	RR2	199.4	208.1	199.2	16.3	1,382	188.1	179.6	219.6	172.7	232.6
DuraCrop	1142C	None	None	199.4	214.5	204.9	18.0	1,368	178.1	Lost	221.1	180.1	241.5
Renk	RK895DGVT2P	DGVT2P-RIB	RR2	197.3	207.7	193.5	16.5	1,366	192.6	172.6	214.4	159.4	241.7
DuraCrop	3150 VT2P	VT2P	RR2	195.7	202.1	195.7	20.1	1,324	191.0	184.3	210.6	152.5	232.7
Experiment Mean				209.6	18.3			1,435	205.0	189.7	226.3	187.1	240.9
Minimum Mean				195.7	16.3			1,324	178.1	163.2	208.3	152.5	230.4
Maximum Mean				221.3	20.8			1,505	237.6	230.1	249.8	213.6	258.1
LSD(0.25)				8.1	0.6				15.3	12.9	12.3	12.4	9.2
Coefficient of Variability				6.3					7.4	7.2	5.2	7.2	4.2

Table 12. Entrant Information.
Cornelius: Cornelius Seed, Bellevue, IA
www.corneliusseed.com
(800) 218-1862

Hybrid	RM	GMO Technology		Seed Treatment	North	North	Central	Central	South	South
		Trait Pkg	Herb Tech		Early	Full	Early	Full	Early	Full
C575DP	109	VT2P	RR2	C250		X	X			
C5972TRE	99	TRC	RR2	C250	X					
C6007DP	100	VT2P	RR2	C250	X					
C6028SSP	100	SSXP	LL,RR2	P500V	X					
C6209DP	102	VT2P	RR2	C250	X					
C6724SS	107	SSX	LL,RR2	P500V		X	X			
C6762SSP	107	SSXP	LL,RR2	P500V		X				
C6847TRE	108	TRC	RR2	C250		X				
C6900	109	None	None	C250			X			
C6936SS	109	SSX	LL,RR2	P500V			X			
C7021DP	110	VT2P	RR2	C250		X	X			
C7124SS	111	SSX	LL,RR2	P500V					X	
C7270DP	112	VT2P	RR2	C250				X	X	
C7308SS	113	SSX	LL,RR2	P500V				X		
C7366DGDP	113	DGVT2P-RIB	RR2	C250				X		
C7373SSP	113	SSXP	LL,RR2	P500V				X		X
C7450SS	114	SSX	LL,RR2	P500V						X
C7590DP	115	VT2P	RR2	C250						X

DEKALB: Bayer Crop Science, St. Louis, MO
www.dekalbasgrowdeltapine.com
(800) 768-6387

Hybrid	RM	GMO Technology		Seed Treatment	North	North	Central	Central	South	South
		Trait Pkg	Herb Tech		Early	Full	Early	Full	Early	Full
DKC101-35GEN	101	VT2P-RIB	RR2	ACL	X					
DKC105-35GEN	105	VT2P-RIB	RR2	ACL		X				
DKC107-33GEN	107	SSXP-RIB	LL,RR2	ACL			X			
DKC111-35GEN	111	VT2P-RIB	RR2	ACL				X	X	
DKC56-26	106	TRC-RIB	RR2	ACL		X				
DKC64-21GEN	114	SSX-RIB	LL,RR2	ACL						X

Table 12. Entrant Information. *Continued***DenBesten: Dakota's Best Seed LLC, Platte, SD****www.dakotasbestseedllc.com****(605) 337-3318**

Hybrid	RM	GMO Technology		Seed Treatment	North	North	Central	Central	South	South
		Trait Pkg	Herb Tech		Early	Full	Early	Full	Early	Full
DB31-11	111	None	None	C250				X		
DB33-05	105	None	None	C250			X			
DB33-13	113	None	None	C250				X		
DB38-06	106	None	None	C250			X			

DuraCrop: DuraCrop Seed, Oskaloosa, IA**www.myduracrop.com****(800) 373-9401**

Hybrid	RM	GMO Technology		Seed Treatment	North	North	Central	Central	South	South
		Trait Pkg	Herb Tech		Early	Full	Early	Full	Early	Full
1141 GT2XV	114	V3111-RIB	GT,LL	CEP				X		X
1142C	114	None	None	ACL250				X		X
1152 VT2P	115	VT2P	RR2	ACL250						X
3079 VT2P	108	VT2P	RR2	ACL250			X		X	
3099 VT2P	109	VT2P	RR2	ACL250			X		X	
3105 GT2X	111	V3120-RIB	GT,LL	CEP				X	X	
3119 GT2XV	111	V3111-RIB	GT,LL	CEP				X	X	
3135 VT2P	113	VT2P	RR2	CEP				X		
3143 VT2P	114	VT2P	RR2	ACL250				X		X
3150 VT2P	115	VT2P	RR2	CEP						X

Dyna-Gro: Crop Production Services, Wall Lake, IA**www.dynagroseed.com****(712) 664-2444**

Hybrid	RM	GMO Technology		Seed Treatment	North	North	Central	Central	South	South
		Trait Pkg	Herb Tech		Early	Full	Early	Full	Early	Full
D40VC41	100	VT2P	RR2	A500PV	X					
D43VC81	103	VT2P	RR2	A500PV	X					
D47SS93	107	SSX	LL,RR2	A500PV			X			
D48VC84	108	VT2P	RR2	A500PV		X	X			
D49VC53	109	VT2P	RR2	A500PV		X			X	
D50VC09	110	VT2P	RR2	A500PV				X		
D52DC82	112	DGVT2P	RR2	A500PV					X	
D53SS13	113	SSX	LL,RR2	A500PV				X		
D53TC23	113	TRC	RR2	A500PV				X		X
D54VC34	114	VT2P	RR2	A500PV						X

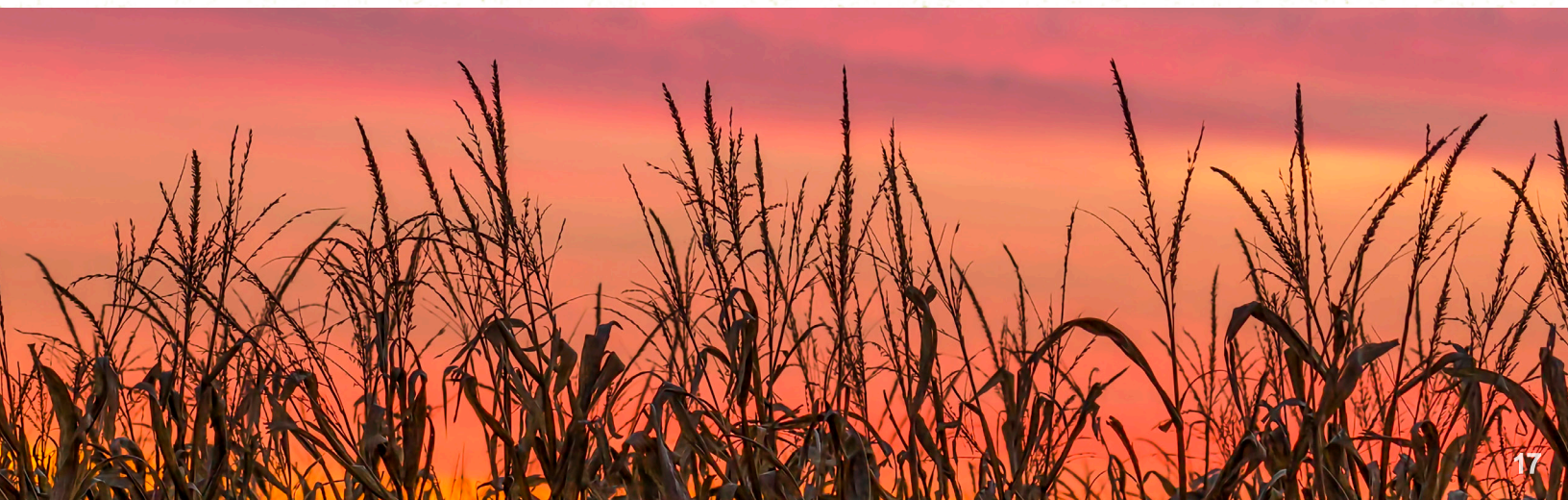


Table 12. Entrant Information. *Continued***Epley: Epley Bros. Hybrids, Inc., Shell Rock, IA****(319) 885-6293**

Hybrid	RM	GMO Technology		Seed Treatment	North Early	North Full	Central Early	Central Full	South Early	South Full
		Trait Pkg	Herb Tech							
E1403VT2P	104	VT2P	RR2	None			X			
E1530	105	None	None	None		X				
E1920	109	None	None	None				X		
E2120	111	None	None	None					X	

Four Star: Four Star Seed Co., Logan, IA**www.4starseed.com****(712) 644-1400**

Hybrid	RM	GMO Technology		Seed Treatment	North Early	North Full	Central Early	Central Full	South Early	South Full
		Trait Pkg	Herb Tech							
6D22	102	VT2P-RIB	RR2	ACL250	X					
6D33	104	VT2P-RIB	RR2	ACL250		X				
6D47	109	VT2P-RIB	RR2	ACL250		X	X			
6D59	110	VT2P-RIB	RR2	ACL250				X	X	
6S60	109	SSX-RIB	LL,RR2	A500PV		X	X			
EXP 2217	99	VT2P-RIB	RR2	ACL250	X					
EXP 2219	100	VT2P-RIB	RR2	ACL250	X					
EXP 2264	112	TRC	RR2	ACL250				X	X	
EXP 2272	114	VT2P-RIB	RR2	ACL250				X		X
EXP 2277	115	TRC	RR2	ACL250						X
EXP 9102	109	VT2P-RIB	RR2	ACL250		X	X			

Legacy Seeds: Legacy Seeds, Scandinavia, WI**www.legacyseeds.com****(866) 791-6390**

Hybrid	RM	GMO Technology		Seed Treatment	North Early	North Full	Central Early	Central Full	South Early	South Full
		Trait Pkg	Herb Tech							
LC-4248	100	SSX-RIB	LL,RR2	A500PV	X					
LC-5319	103	SSX-RIB	LL,RR2	A500PV	X					
LC474-20	97	TRC-RIB	RR2	ACL250	X					
LC511-21	101	SSX-RIB	LL,RR2	A500PV	X					
LC541-22	104	SSX-RIB	LL,RR2	A500PV		X				
LC544-22	104	None	None	C250		X				
LC551-22	105	SSX	LL,RR2	A500PV		X				
LC554-21	104	DGVT2P-RIB	RR2	A500PV		X				
LC564-20	105	PC	LL,RR2	C250		X				
LC594-21	109	VT2P	RR2	ACL250		X				



Table 12. Entrant Information. *Continued***LG Seeds: LG Seeds, Elmwood, IL****www.lgseeds.com****(800) 752-6847**

Hybrid	RM	GMO Technology		Seed Treatment	North Early	North Full	Central Early	Central Full	South Early	South Full
		Trait Pkg	Herb Tech							
LG49C28	99	VT2P	RR2	A500PV	X					
LG52C42	102	VT2P	RR2	A500PV	X					
LG52C73	102	SSX-RIB	LL,RR2	A500PV	X					
LG54C76	104	SSX-RIB	LL,RR2	A500PV		X				
LG57C33	107	VT2P-RIB	RR2	A500PV		X	X			
LG58C48	108	VT2P	RR2	A500PV			X			
LG59C72	109	VT2P-RIB	RR2	A500PV		X	X		X	
LG60C47	110	SSX-RIB	LL,RR2	A500PV					X	
LG62C22	112	VT2P	RR2	A500PV				X	X	
LG63C82	113	DGVT2P-RIB	RR2	A500PV				X		X
LG64C20	114	V5222	GT,LL	A500PV				X		X
LG66C44	116	VT2P-RIB	RR2	A500PV						X

NuTech / G2 Genetics: NuTech Seed, LLC, Ames, IA**www.nutechseed.com****(515) 232-1997**

Hybrid	RM	GMO Technology		Seed Treatment	North Early	North Full	Central Early	Central Full	South Early	South Full
		Trait Pkg	Herb Tech							
57A4Q	97	Qrome	LL,RR2	LMGN	X					
59A1AM	99	AM	LL,RR2	LMGN	X					
60A2Q	100	Qrome	LL,RR2	LMGN	X					
60A4AM	100	AM	LL,RR2	LMGN	X					
64B5Q	104	Qrome	LL,RR2	LMGN		X	X			
64D1AM	104	AM	LL,RR2	LMGN		X	X			
65B2Q	105	Qrome	LL,RR2	LMGN		X	X			
66C2Q	106	Qrome	LL,RR2	LMGN		X	X			
68A7AM	108	AM	LL,RR2	LMGN						
68A9AM	108	AM	LL,RR2	LMGN		X	X			
69B9Q	109	Qrome	LL,RR2	LMGN		X	X	X		
70A8AM	110	AM	LL,RR2	LMGN				X	X	
70B4AM	110	AM	LL,RR2	LMGN				X	X	
70F2Q	110	Qrome	LL,RR2	LMGN				X	X	
70F6Q	110	Qrome	LL,RR2	LMGN				X	X	
72A5Q	112	Qrome	LL,RR2	LMGN				X	X	
72A8AM	112	AM	LL,RR2	LMGN					X	
72B7Q	112	Qrome	LL,RR2	LMGN				X	X	
72D4AM	112	AM	LL,RR2	LMGN					X	
72D4Q	112	Qrome	LL,RR2	LMGN				X		
73A6Q	113	Qrome	LL,RR2	LMGN				X		X
74A9AM	114	AM	LL,RR2	LMGN				X		X
74B6AM	114	AM	LL,RR2	LMGN				X		X
74C4AM	114	AM	LL,RR2	LMGN				X		X
77A5AM	117	AM	LL,RR2	LMGN						X

Table 12. Entrant Information. *Continued*
Pioneer: Corteva, Johnston, IA
www.pioneer.com
(800) 233-7333

Hybrid	RM	GMO Technology		Seed Treatment	North	North	Central	Central	South	South
		Trait Pkg	Herb Tech		Early	Full	Early	Full	Early	Full
P0075AM	100	AM	LL,RR2	LMGN	X					
P0220Q	102	Qrome	LL,RR2	LMGN	X					
P0595AM	105	AM	LL,RR2	LMGN		X	X			
P0963AM	109	AM	LL,RR2	LMGN		X	X			
P1082AM	110	AM	LL,RR2	LMGN				X	X	
P1185Q	111	Qrome	LL,RR2	LMGN				X	X	
P1366AM	113	AM	LL,RR2	LMGN						X
P1563AM	115	AM	LL,RR2	LMGN						X

Prairie Hybrids: Prairie Hybrids, Deer Grove, IL
www.prairiehybrids.com
(815) 438-7815

Hybrid	RM	GMO Technology		Seed Treatment	North	North	Central	Central	South	South
		Trait Pkg	Herb Tech		Early	Full	Early	Full	Early	Full
3259	105	None	None	MX-QT			X			
4470	106	None	None	MX-QT			X			
5141/5142	109	None	None	MX-QT			X			
5883	109	None	None	MX-QT			X			
6590	111	None	None	MX-QT				X		
6878	112	None	None	MX-QT				X		
8960	115	None	None	MX-QT				X		



Table 12. Entrant Information. *Continued***Renk: Renk Seed Co., Sun Prairie, WI****www.renkseed.com****(800) BUY RENK**

Hybrid	RM	GMO Technology		Seed Treatment	North Early	North Full	Central Early	Central Full	South Early	South Full
		Trait Pkg	Herb Tech							
RK579DGV2P	99	DGV2P-RIB	RR2	ACL250	X					
RK590VT2P	98	VT2P	RR2	ACL250	X					
RK597SSPRO	99	SSX	LL,RR2	A500PV	X					
RK600VT2P	100	VT2P	RR2	ACL250	X					
RK609VT2P	101	VT2P	RR2	A500PV	X					
RK625DGV2P	104	DGV2P-RIB	RR2	ACL250		X				
RK710DGV2P	107	DGV2P-RIB	RR2	ACL250		X				
RK715SSTX	105	SSX	LL,RR2	A500PV		X	X			
RK720TRE	106	VT2P	GT	A500PV		X				
RK774VT2P	108	VT2P	RR2	A500PV		X	X			
RK782VT2P	109	VT2P	RR2	A500PV		X	X			
RK801SSTX	110	SSX	LL,RR2	A500PV				X	X	
RK830SSTX	112	SSX	LL,RR2	A500PV				X	X	
RK895DGV2P	113	DGV2P-RIB	RR2	ACL250				X		X
RK915VT2P	115	VT2P	RR2	ACL250						X
RK940SSTX	115	SSX	LL,RR2	A500PV						X
RK958VT2P	115	VT2P	RR2	A500PV						X

Table 12. Entrant Information. *Continued*

Titan Pro: Titan Pro SCI, Inc., Clear Lake, IA					www.titanprosci.com				(641) 357-7283	
Hybrid	RM	GMO Technology		Seed Treatment	North Early	North Full	Central Early	Central Full	South Early	South Full
		Trait Pkg	Herb Tech							
11-11	111	None	None	ACL250				X		
12-12 2P	112	VT2P-RIB	LL,RR2	ACL250				X		
18-12 SS	112	SSX-RIB	LL,RR2	ACL250				X		
23-08	108	None	None	C250		X	X			
24-04	104	None	None	ACL250		X				
26-02 PCE	102	PC	LL,RR2	C250	X					
28-13	113	None	None	C250				X		X
84-01	101	None	None	ACL250	X					
92-09	109	None	None	ACL250		X				

Viking: Albert Lea Seed House, Albert Lea, MN					www.alseed.com				(800) 352-5247	
Hybrid	RM	GMO Technology		Seed Treatment	North Early	North Full	Central Early	Central Full	South Early	South Full
		Trait Pkg	Herb Tech							
46-02	102	None	None	C250	X					
48-08	108	None	None	C250		X	X			
51-04	104	None	None	C250		X				
52-00	100	None	None	C250	X					
58-11	111	None	None	C250				X		
72-06	106	None	None	C250		X	X			
84-05	105	None	None	C250		X	X			
85-09	109	None	None	ACL250		X	X			
99-00	100	None	None	C250	X					
0.84-04	104	None	None	ACL250		X	X			

Photo Credit: Aaron Sassman



UAV Imaging Service

*High-Resolution
Aerial Imaging*

+

*Precision Plot-Level
Analytics*

- Better Metrics
 - ✓ Canopy Cover
 - ✓ NDVI/NIR
 - ✓ Vigor & Stand
- Reduce Human Error
- Save Time & Money
- Accurate & Consistent Results Everytime.



Do Your Homework

research



grow



learn

IOWA STATE UNIVERSITY
Department of Agronomy





Iowa's Official Variety Trials



IOWA STATE UNIVERSITY
Department of Agronomy

A summary of replicated research by Iowa Crop Improvement Association.