

2025



Corn

IOWA CROP PERFORMANCE TESTS



Iowa's Official Variety Trials

IOWA STATE UNIVERSITY
College of Agriculture and Life Sciences

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. 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 71 hybrids from 9 companies in 110 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): Logan Shonka, Shawn Bryant, Ryan Budnik, & Keely Avery.



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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.

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Acknowledgments

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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.
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Figure 1.
Test locations for the 2025 Iowa Crop Performance Tests—Corn

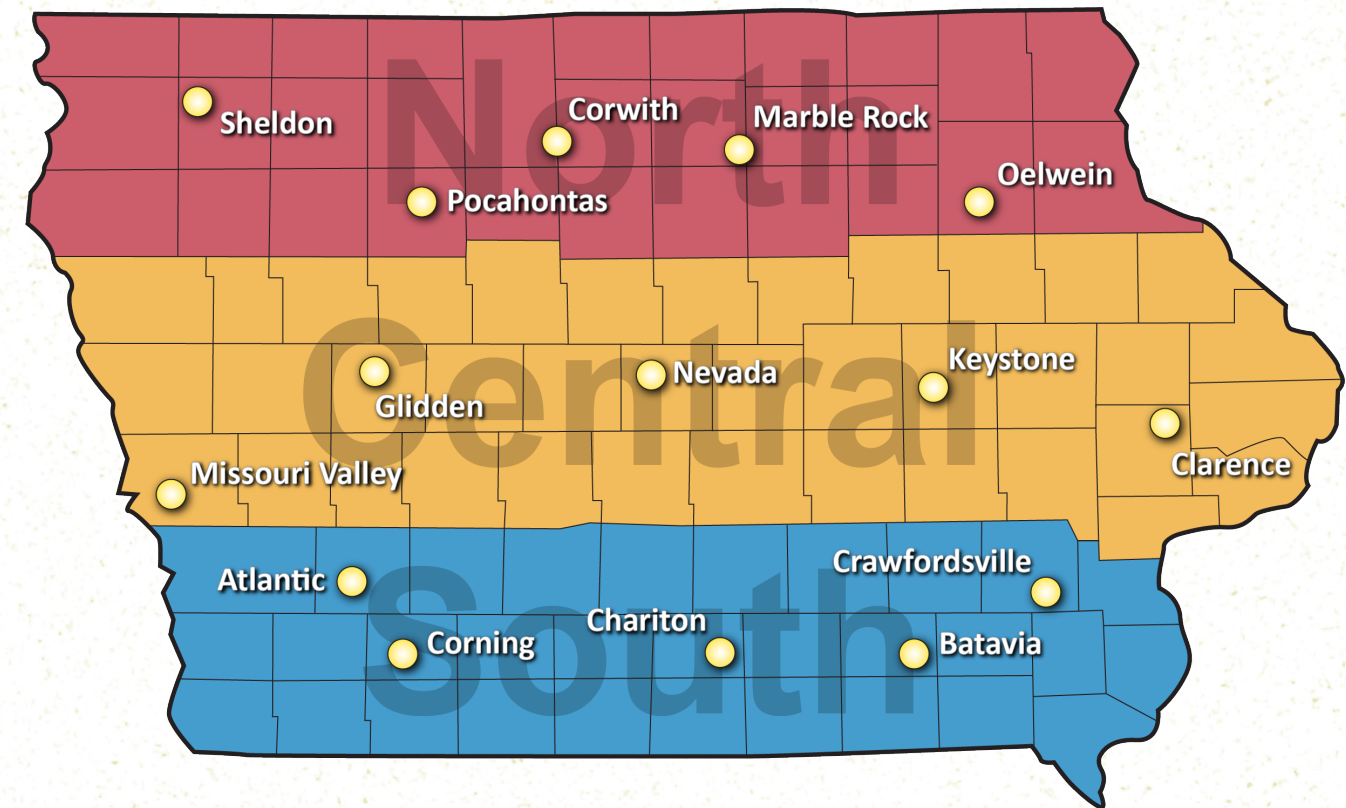


Table 1. General information for the 2025 corn test.

Location and Cooperator	Soil Type	Planting Date	Harvest Date	Avg Yield Bu/Acre
North				
Sheldon, Daryl Roos	Primghar/Galva silty clay loam	3-May	8-Oct	221.4
Pocahontas, Steve Hoffman	Nicollet/Webster/Canisteo clay loam	6-May	26-Sep	218.0
Corwith, Jonathan Chambers	Kossuth silty clay loam, Canisteo/Bode clay loam	6-May	9-Oct	174.9
Marble Rock, Dave Muth	Marshan clay loam, Floyd/Lawler loam	5-May	23-Oct	172.2
Oelwein, Heath Geiselman	Readlyn silt loam	5-May	3-Oct	183.9
Central				
Missouri Valley, Kyle Kierscht	McPaul silt loam	5-May	8-Oct	243.4
Glidden, David & Andy Thielen	Canisteo/Webster clay loam, Bemis moraine	4-May	18-Oct	224.2
Nevada, Iowa Crop Improvement Assoc.	Nicollet loam, Canisteo clay loam, Bemis moraine	8-May	30-Sep	185.1
Keystone, Dennis & Steve Pohlman	Tama/Muscatine silty clay loam	9-May	20-Oct	233.8
Clarence, Dave Elijah	Tama/Muscatine/Garwin silty clay loam	8-May	24-Sep	210.7
South				
Atlantic, Nick Hunt	Ely-Colo, overwash-Mt. Sterling complex, Zook silt loam	6-May	29-Sep	239.8
Corning, David Fuller	Winterset silty clay loam	6-May	13-Oct	202.4
Chariton, Gary Thompson	Grundy silty clay loam, Haig silt loam	7-May	4-Oct	223.8
Batavia, Pat Hammes	Grundy/Edina silt loam	7-May	27-Sep	185.0
Crawfordsville, Austin Twinam	Mahaska/Taintor silty clay loam	7-May	30-Sep	246.6

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

GMO Trait Package		Herb Tech: Herbicide Technology	
AA	Agrisure Above	Conv	Conventional
DURA	Duracade	GT, LL	Agrisure Glyphosate + Liberty Link
None	No GMO Trait Package	LL, RR2	Liberty Link + Roundup Ready 2
PC	PowerCore	LL, RR2, EN	Liberty Link + Roundup Ready 2 + Enlist
PCE	PowerCore Enlist	RR2	Roundup Ready 2
Qrome	Qrome	Seed Treatment	
SSX	SmartStax	A500PV	Acceleron 500/Poncho/VOTIVO
SSXP	SmartStax Pro	ACL250	Acceleron @ 0.250 mg ai / seed
TRE	Trecepta	ACL500	Acceleron @ 0.500 mg ai / seed
VE	Vorceed Enlist	ACLE	Acceleron Elite
VT2P	VT Double PRO	C250	Cruiser @ 0.250 mg ai / seed
VT4P	VT4 PRO w/RNAi Tech	C500V	CrusierMaxx 500 + Vayantis
-RIB	Refuge-in-bag	C1250V	CrusierMaxx 1250 + Vayantis
		LMGN	LumiGEN
		LMSP	Lumiscend Pro
		None	No Seed Treatment
		P500	Poncho 500
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 \$3.75 and drying costs of 8 cents per point			
This year we evaluated over 71 hybrids from 9 companies in 110 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, 2024-2025.

North early-season hybrids, ~ RM ≤ 103

Company	Hybrid	RM	Trait Pkg	Herb Tech	Yield Bu/A	Moist %	NW Yield Bu/A	NE Yield Bu/A	AGV \$
NuTech/G2 Genetics	63A7V	103	VE	LL,RR2,EN	226.2	16.1	231.3	218.3	833
Renk	RK586VT4P	99	VT4P	RR2	203.1	14.2	200.8	199.0	778
Pioneer	P0220Q	102	Qrome	LL,RR2	197.5	15.3	197.8	191.5	740
Renk	RK582SSTX	98	SSX-RIB	LL,RR2	197.0	14.1	200.9	189.1	757
Epley Brothers Hybrids	E9610	96	None	None	191.9	13.8	195.8	182.5	741
Pioneer	P0075Q	100	Qrome-RIB	LL,RR2	190.0	15.3	188.3	186.7	713
Experiment Mean					202.3	15.2	202.7	196.1	
LSD(0.25)					9.7	0.9	13.2	10.9	

North full-season hybrids, ~ RM > 103

Company	Hybrid	RM	Trait Pkg	Herb Tech	Yield Bu/A	Moist %	NW Yield Bu/A	NE Yield Bu/A	AGV \$
NuTech/G2 Genetics	69C7PCE	109	PCE	LL,RR2,EN	220.3	19.2	231.8	203.8	754
Pioneer	P0924Q	109	Qrome-RIB	LL,RR2	218.3	18.9	230.3	201.2	752
NuTech/G2 Genetics	69B5V	109	VE	LL,RR2,EN	214.9	18.8	226.6	199.1	743
Renk	RK705VT4P	105	VT4P	RR2	214.3	15.8	220.9	205.5	795
Prairie Hybrid Seeds	4470	106	None	Conv	211.1	16.1	217.8	199.5	777
Renk	RK766SSPRO	109	SSXP-RIB	LL,RR2	210.2	17.6	211.3	202.1	748
Renk	RK773TRE	109	TRE-RIB	RR2	210.1	18.2	209.2	201.4	738
Viking/Blue River	72-06	106	None	Conv	208.5	16.4	215.7	196.8	763
Pioneer	P0529Q	105	Qrome-RIB	LL,RR2	206.2	16.4	207.8	197.9	754
Prairie Hybrid Seeds	4991 Org	106	None	Conv	204.2	16.6	209.7	194.5	743
Renk	RK785PCE	109	PC-RIB	LL,RR2	202.6	18.8	200.2	196.4	699
Viking/Blue River	75-07	107	None	Conv	202.5	16.5	209.2	190.2	739
Experiment Mean					208.1	17.0	211.9	197.4	
LSD(0.25)					9.7	0.9	13.2	10.9	



Table 4. Central district 2-year means, 2024-2025.

Central early-season hybrids, ~ RM ≤ 109

Company	Hybrid	RM	Trait Pkg	Herb Tech	Yield Bu/A	Moist %	CW Yield Bu/A	CE Yield Bu/A	AGV \$
NuTech/G2 Genetics	69C7PCE	109	PCE	LL,RR2,EN	252.4	15.5	244.9	260.7	941
Pioneer	P0924Q	109	Qrome-RIB	LL,RR2	238.8	15.3	231.5	243.3	894
NuTech/G2 Genetics	69B5V	109	VE	LL,RR2,EN	238.2	15.1	229.1	245.3	896
Renk	RK773TRE	109	TRE-RIB	RR2	230.5	15.4	234.9	220.9	862
Renk	RK705VT4P	105	VT4P	RR2	226.7	14.0	233.3	222.3	872
Viking/Blue River	75-07	107	None	Conv	224.5	14.1	221.4	233.0	863
Prairie Hybrid Seeds	6755	110	None	Conv	223.2	14.8	222.3	225.5	846
Renk	RK785PCE	109	PC-RIB	LL,RR2	222.4	14.9	217.0	226.1	841
Renk	RK766SSPRO	109	SSXP-RIB	LL,RR2	220.4	14.7	221.2	222.8	837
Pioneer	P0529Q	105	Qrome-RIB	LL,RR2	213.6	14.0	204.9	222.2	823
Experiment Mean					231.2	14.9	229.2	233.1	
LSD(0.25)					11.3	0.7	12.8	17.7	

Central full-season hybrids, ~ RM > 109

Company	Hybrid	RM	Trait Pkg	Herb Tech	Yield Bu/A	Moist %	CW Yield Bu/A	CE Yield Bu/A	AGV \$
Viking/Blue River	76-11	111	None	Conv	236.1	15.3	239.5	245.8	884
Pioneer	P1185Q	111	Qrome	LL,RR2	232.5	16.3	231.0	237.6	853
Viking/Blue River	78-13	113	None	Conv	228.0	17.4	223.6	237.6	815
Pioneer	P1093Q	110	Qrome-RIB	LL,RR2	222.0	16.1	221.5	224.7	817
Experiment Mean					233.8	15.9	233.2	235.5	
LSD(0.25)					11.3	0.7	12.8	17.7	

Table 5. South district 2-year means, 2024-2025.

South early-season hybrids, ~ 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	69C7PCE	109	PCE	LL,RR2,EN	231.6	16.8	231.0	232.6	840
Viking/Blue River	76-11	111	None	Conv	226.7	15.6	228.1	230.1	844
NuTech/G2 Genetics	69B5V	109	VE	LL,RR2,EN	223.8	16.0	228.9	218.3	826
Pioneer	P1185Q	111	Qrome	LL,RR2	217.0	17.0	221.1	210.5	784
Pioneer	P1093Q	110	Qrome-RIB	LL,RR2	212.6	16.5	215.7	208.8	775
NK Seeds	NK1228-AA	112	AA	GT,LL	206.3	16.9	210.3	204.0	747
Experiment Mean					224.6	16.4	225.3	222.3	
LSD(0.25)					9.4	0.5	13.3	11.7	

South full-season hybrids, ~ RM > 112

Company	Hybrid	RM	Trait Pkg	Herb Tech	Yield Bu/A	Moist %	SW Yield Bu/A	SE Yield Bu/A	AGV \$
Prairie Hybrid Seeds	7445	113	None	Conv	218.4	16.6	221.4	214.2	795
Viking/Blue River	78-13	113	None	Conv	216.7	18.3	214.5	215.8	757
Pioneer	P1366Q	113	Qrome-RIB	LL,RR2	215.5	16.4	218.7	207.7	788
Pioneer	P1563Q	115	Qrome-RIB	LL,RR2	213.3	18.0	211.1	210.9	751
NK Seeds	NK1307-DV	113	DURA	GT,LL	209.8	17.4	209.7	205.9	749
Experiment Mean					220.5	17.4	222.2	215.6	
LSD(0.25)					9.4	0.5	13.3	11.7	



Table 6. North district, 2025 district and single-location means. Early-season test, RM ≤ 104

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	63A7V	VE	LL,RR2,EN	214.6	228.6	197.6	15.5	801	240.0	239.7	211.1	192.1	189.0
Renk	RK630TRE	TRE-RIB	RR2	202.0	216.4	187.2	14.9	763	220.0	230.2	192.2	189.7	176.2
Legacy Seeds	LC534-24	PC-RIB	LL,RR2	200.6	208.5	184.0	15.1	755	238.6	212.5	179.5	180.6	197.0
Renk	RK5518TRE	TRE	RR2	199.9	208.5	190.4	14.1	768	206.1	227.0	185.2	183.7	202.6
Renk	RK586VT4P	VT4P	RR2	195.0	206.4	188.0	14.2	748	207.3	215.0	188.9	177.9	185.2
Dekalb	DKC103-63 SSPRIB	SSX-RIB	LL,RR2	192.6	197.9	176.5	15.3	721	220.5	214.8	163.1	169.4	193.4
Prairie Hybrid Seeds	2311 Org	None	None	188.5	206.5	169.9	14.7	715	230.8	206.9	181.0	140.6	188.8
Renk	RK583PCE	PC-RIB	LL,RR2	188.1	196.8	172.0	14.9	710	213.4	202.6	172.4	163.6	193.6
Pioneer	P0220Q	Qrome	LL,RR2	187.0	192.4	179.8	15.0	706	212.3	199.4	162.0	175.2	187.6
Renk	RK6545PCE	PC	LL,RR2	186.7	183.3	180.5	15.1	703	227.4	178.2	161.1	180.7	184.1
Dekalb	DKC100-21 VT2RIB	VT2P-RIB	LL,RR2	183.3	192.3	172.6	14.5	699	209.6	203.1	159.5	165.0	175.7
Renk	RK6555VT4PRO	VT4P	RR2	180.8	180.7	172.7	13.7	701	187.8	200.8	155.8	173.4	180.5
Renk	RK582SSTX	SSX-RIB	LL,RR2	179.9	192.3	167.3	13.9	694	190.9	213.1	169.4	151.8	176.2
Epley Brothers Hyb.	E9610	None	None	178.6	192.8	156.0	13.9	689	194.9	213.3	168.4	129.3	180.2
Pioneer	P0075Q	Qrome-RIB	LL,RR2	173.8	179.1	164.8	14.5	662	209.2	173.6	154.9	153.9	176.6
Experiment Mean				190.1	204.8	176.9	14.6	722	221.4	218.0	174.9	172.2	183.9
Minimum Mean				173.8	177.9	158.2	13.7	662	155.7	173.6	144.7	122.8	149.2
Maximum Mean				214.6	237.8	198.3	15.5	801	261.7	268.6	211.1	204.4	202.6
LSD(0.25)				11.5	13.6	14.2	0.7		12.4	11.2	14.0	9.0	9.9
Coefficient of Variability				6.5	7.0	6.7			6.6	5.4	8.6	5.7	5.4

Table 7. North district, 2025 district and single-location means. Full-season test, RM > 104.

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
Pioneer	P0924Q	Qrome-RIB	LL,RR2	214.1	238.0	186.0	17.7	760	242.9	268.6	200.9	181.4	177.0
NuTech/G2 Genetics	69C7PCE	PCE	LL,RR2,EN	211.4	231.1	186.1	18.3	740	261.7	231.1	194.2	204.4	164.3
Renk	RK773TRE	TRE-RIB	RR2	204.5	213.0	192.7	16.9	739	198.9	253.8	180.7	197.5	190.1
Dekalb	DKC107-69 TRERIB	TRE-RIB	LL,RR2	204.0	207.8	180.8	17.1	735	241.0	232.7	159.4	189.1	199.2
Prairie Hybrid Seeds	6251 Org	None	None	203.3	229.1	173.4	16.7	739	251.0	244.5	191.8	149.1	175.5
Prairie Hybrid Seeds	4470	None	None	202.5	219.6	182.1	15.8	751	233.2	230.2	194.7	157.9	196.6
NuTech/G2 Genetics	67C1PCE	PCE	LL,RR2,EN	202.5	209.2	182.7	15.9	749	249.5	215.2	175.0	177.1	196.6
Renk	RK705VT4P	VT4P	RR2	201.5	209.4	187.2	14.9	761	211.2	238.4	185.4	182.3	188.7
NuTech/G2 Genetics	69B5V	VE	LL,RR2,EN	200.0	222.6	170.9	17.5	713	260.0	223.9	180.6	187.9	149.2
NuTech/G2 Genetics	69G1PCE	PCE	LL,RR2,EN	199.5	211.3	174.9	16.9	722	248.6	214.7	177.8	175.0	182.9
Renk	RK703PCE	PC-RIB	LL,RR2	198.3	217.4	177.9	16.4	725	228.0	229.1	185.2	177.9	167.0
Viking/Blue River	72-06	None	None	197.8	212.6	175.9	16.2	727	230.6	225.7	178.9	162.2	190.2
NuTech/G2 Genetics	69F3V	VE	LL,RR2,EN	196.8	216.1	175.2	16.9	712	246.4	217.6	182.8	177.9	158.1
Dekalb	DKC106-98 VT4PRIB	VT4P-RIB	LL,RR2	196.7	196.6	175.4	16.8	714	218.6	239.6	144.7	192.0	194.3
Legacy Seeds	LC565-24	PC-RIB	LL,RR2	196.3	204.1	185.4	15.7	729	213.4	224.9	171.4	185.4	192.7
Renk	RK766SSPRO	SSXP-RIB	LL,RR2	195.2	202.4	176.0	16.2	717	222.3	224.3	167.7	174.3	183.6
Legacy Seeds	LC581-25	SSXP	LL,RR2	194.9	206.4	181.3	17.0	704	220.1	227.0	159.5	184.6	184.1
Pioneer	P0529Q	Qrome-RIB	LL,RR2	194.5	204.9	181.0	15.5	726	236.0	193.2	175.9	171.2	192.2
Legacy Seeds	LC554-24	PC	LL,RR2	193.5	206.0	175.0	15.1	728	224.9	214.6	172.9	187.7	165.8
Pioneer	P0622Q	Qrome-RIB	LL,RR2	191.2	209.5	170.5	15.8	709	226.4	220.1	177.7	160.5	177.7
Viking/Blue River	49-05	None	None	190.1	200.0	171.8	14.4	726	234.2	198.5	168.6	156.5	198.5
Renk	RK785PCE	PC-RIB	LL,RR2	190.0	191.2	182.3	17.7	675	200.5	204.3	169.7	193.1	184.1
Prairie Hybrid Seeds	4991 Org	None	None	187.8	202.7	163.6	15.7	697	204.5	228.4	176.8	135.0	195.2
Dekalb	DKC104-14 SSPRIB	SSX-RIB	LL,RR2	187.4	195.6	176.3	15.1	705	214.3	195.5	172.6	174.8	180.9
Viking/Blue River	75-07	None	None	183.6	202.0	160.8	15.9	679	217.6	228.2	162.6	122.8	189.9
Renk	RK7577TRE	TRC	RR2	181.8	186.2	168.5	14.3	696	198.4	193.9	166.7	160.6	189.3
Renk	RK7590SSPRO	SSXP	LL,RR2	178.2	179.6	178.4	16.1	656	155.7	207.8	168.8	185.8	172.3
Experiment Mean				196.2	204.8	176.9	16.2	720	221.4	218.0	174.9	172.2	183.9
Minimum Mean				178.2	177.9	158.2	14.3	656	155.7	173.6	144.7	122.8	149.2
Maximum Mean				214.1	237.8	198.3	18.3	761	261.7	268.6	211.1	204.4	202.6
LSD(0.25)				11.5	13.6	14.2	0.7		12.4	11.2	14.0	9.0	9.9
Coefficient of Variability				6.5	7.0	6.7			6.6	5.4	8.6	5.7	5.4



Table 8. Central district, 2025 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	Nevada	Keystone	Clarence
NuTech/G2 Genetics	69C7PCE	PCE	LL,RR2,EN	245.1	241.2	239.0	15.8	909	260.2	247.9	206.6	263.6	245.5
Dekalb	DKC107-69 TRERIB	TRE-RIB	LL,RR2	240.8	245.4	236.1	16.8	873	245.1	255.5	235.7	235.8	232.0
Dekalb	DKC106-98 VT4PRIB	VT4P-RIB	LL,RR2	237.0	248.2	226.5	15.7	881	252.3	263.6	227.3	226.8	214.9
Pioneer	P0924Q	Qrome-RIB	LL,RR2	231.4	224.7	223.9	14.7	878	247.4	242.0	190.7	255.1	222.5
Renk	RK773TRE	TRC-RIB	RR2	229.7	238.0	212.0	15.8	851	246.7	257.2	206.5	233.0	203.8
NuTech/G2 Genetics	69G1PCE	PCE	LL,RR2,EN	223.4	219.7	211.9	14.8	846	248.6	229.8	177.7	248.6	217.4
NuTech/G2 Genetics	67C1PCE	PCE	LL,RR2,EN	221.0	216.6	211.9	14.6	841	244.8	218.8	186.5	244.0	209.5
NuTech/G2 Genetics	69B5V	VE	LL,RR2,EN	220.9	216.3	217.3	15.2	830	244.0	214.1	188.0	238.5	220.2
Renk	RK7590SSPRO	SSXP	LL,RR2	220.0	218.6	216.2	14.7	835	247.5	215.6	188.8	242.8	202.5
Dekalb	DKC107-11 SSPRIB	SSX-RIB	LL,RR2	218.3	209.7	207.6	14.6	830	249.7	216.4	175.6	240.5	208.2
Prairie Hybrid Seeds	6854	None	None	217.4	212.5	206.0	15.0	820	255.7	215.5	165.6	239.2	210.3
NuTech/G2 Genetics	69F3V	VE	LL,RR2,EN	217.3	214.5	212.2	14.9	821	245.5	211.9	185.2	235.3	209.6
Renk	RK705VT4P	VT4P	RR2	214.1	217.8	202.4	14.4	818	240.4	225.8	186.9	224.1	196.2
Prairie Hybrid Seeds	4556	None	None	213.7	212.8	202.5	15.5	798	233.2	229.9	176.8	210.0	218.6
Viking/Blue River	75-07	None	None	213.1	201.7	200.0	14.4	814	238.0	214.4	156.4	242.5	210.7
Renk	RK766SSPRO	SSXP-RIB	LL,RR2	209.6	199.3	208.4	14.9	792	231.0	192.8	173.4	233.2	217.2
Pioneer	P0622Q	Qrome-RIB	LL,RR2	206.0	205.0	193.3	14.1	791	245.4	201.1	166.2	225.7	191.8
Renk	RK785PCE	PC-RIB	LL,RR2	206.0	200.7	198.1	15.6	767	232.7	200.1	169.0	220.9	206.2
Dekalb	DKC104-14 SSPRIB	SSX-RIB	LL,RR2	205.2	203.5	193.7	14.6	781	238.7	200.1	168.9	223.3	194.0
Prairie Hybrid Seeds	6755	None	None	199.2	202.6	185.8	14.8	755	230.3	207.8	169.6	186.4	197.8
Pioneer	P0529Q	Qrome-RIB	LL,RR2	197.2	186.5	193.8	14.3	754	216.1	191.8	151.9	232.1	199.3
Experiment Mean				218.4	217.6	209.8	15.0	823	243.4	224.2	185.1	233.8	210.7
Minimum Mean				197.2	185.7	184.4	14.1	754	216.1	191.8	151.9	186.4	183.6
Maximum Mean				245.1	249.6	239.0	16.8	909	264.0	270.6	242.1	263.6	256.0
LSD(0.25)				9.0	10.6	13.3	0.8		8.2	7.0	8.0	7.3	11.8
Coefficient of Variability				4.4	4.1	4.9			3.8	3.7	4.9	3.3	6.3

Table 9. Central district, 2025 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	Nevada	Keystone	Clarence
Dekalb	DKC112-35 SSPRIB	SSX-RIB	LL,RR2	244.7	248.9	236.4	19.4	832	234.9	270.6	242.1	238.7	234.1
Renk	RK8585TRE	TRC	RR2	242.6	249.1	229.4	18.0	855	256.6	264.1	226.0	214.9	256.0
Dekalb	DKC111-62 TRERIB	TRE-RIB	LL,RR2	240.5	249.7	228.5	16.3	882	264.0	256.4	227.6	233.6	219.6
Epley Brothers Hyb.	E2320	None	None	225.1	226.4	215.8	15.9	834	249.6	232.7	188.8	231.8	224.1
Prairie Hybrid Seeds	6436	None	None	221.2	215.3	214.5	15.0	835	241.1	220.9	186.6	253.8	202.0
NuTech/G2 Genetics	73B2V	VE	LL,RR2,EN	220.8	215.2	208.5	15.5	823	253.5	218.3	177.2	243.0	212.6
Pioneer	P1185Q	Qrome	LL,RR2	220.6	224.2	211.3	15.2	828	242.0	231.1	189.7	238.3	202.7
NuTech/G2 Genetics	71B6PCE	PCE	LL,RR2,EN	220.2	216.8	212.6	14.6	837	247.8	221.5	181.1	238.4	212.9
Pioneer	P1093Q	Qrome-RIB	LL,RR2	219.2	217.2	211.6	15.2	824	241.8	216.9	190.3	239.6	211.4
Renk	RK825VT4PRO	VT4P	RR2	218.2	222.3	206.7	14.4	834	250.0	224.1	191.8	242.4	183.6
Prairie Hybrid Seeds	7241 Org	None	None	217.9	209.4	208.9	15.1	820	237.6	223.9	170.3	241.2	213.2
Viking/Blue River	76-11	None	None	217.0	214.8	208.4	15.2	814	246.5	222.3	166.1	238.2	208.5
Epley Brothers Hyb.	E2230	None	None	216.6	213.9	207.6	15.3	812	243.6	219.4	179.1	236.4	205.2
Renk	RK8501PCE	PC	LL,RR2	216.2	221.4	203.2	15.9	800	260.7	219.3	178.4	228.4	194.6
Dekalb	DKC114-43 VT2PRIB	VT2P-RIB	LL,RR2	213.9	212.8	204.4	15.1	805	246.8	214.5	180.7	236.1	195.4
Renk	RK889PCE	PC-RIB	LL,RR2	213.8	205.4	209.3	15.7	795	230.3	218.2	170.1	232.3	217.7
NuTech/G2 Genetics	73J1V	VE	LL,RR2,EN	212.1	208.1	203.0	15.2	797	243.0	208.8	173.1	232.8	203.2
Viking/Blue River	78-13	None	None	204.9	200.9	186.0	16.6	746	223.0	221.7	163.2	207.3	206.7
Prairie Hybrid Seeds	7445	None	None	204.8	199.0	193.3	15.1	770	229.8	209.2	167.9	222.3	194.7
Experiment Mean				220.5	217.6	209.8	15.7	818	243.4	224.2	185.1	233.8	210.7
Minimum Mean				204.8	185.7	184.4	14.4	746	216.1	191.8	151.9	186.4	183.6
Maximum Mean				244.7	249.6	239.0	19.4	882	264.0	270.6	242.1	263.6	256.0
LSD(0.25)				9.0	10.6	13.3	0.8		8.2	7.0	8.0	7.3	11.8
Coefficient of Variability				4.4	4.1	4.9			3.8	3.7	4.9	3.3	6.3



Table 10. South district, 2025 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-sville
Dekalb	DKC111-62 TRERIB	TRE-RIB	LL,RR2	248.1	246.8	243.1	17.8	879	278.4	228.9	230.1	249.5	250.6
Dekalb	DKC112-35 SSPRIB	SSX-RIB	LL,RR2	244.5	243.3	238.2	20.1	816	264.0	247.0	227.8	225.6	266.2
NuTech/G2 Genetics	69C7PCE	PCE	LL,RR2,EN	236.6	235.6	233.3	17.6	842	250.9	223.7	231.5	215.1	259.1
Prairie Hybrid Seeds	6436	None	None	229.8	236.5	233.0	17.0	829	251.4	206.7	238.4	201.9	245.5
Renk	RK825VT4PRO	VT4P	RR2	225.6	218.4	235.6	17.2	811	217.9	201.0	234.1	224.8	246.6
Viking/Blue River	76-11	None	None	223.6	232.7	221.9	16.5	816	250.4	198.5	229.9	187.1	242.9
Prairie Hybrid Seeds	6854	None	None	221.0	225.8	227.6	16.5	807	244.9	197.0	229.7	194.0	237.9
NuTech/G2 Genetics	69F3V	VE	LL,RR2,EN	219.9	221.4	219.1	16.7	799	243.8	198.3	216.9	181.2	258.1
NuTech/G2 Genetics	69G1PCE	PCE	LL,RR2,EN	219.3	216.0	230.1	16.5	801	217.6	197.7	221.8	203.5	256.2
NuTech/G2 Genetics	69B5V	VE	LL,RR2,EN	219.2	232.0	218.7	17.1	789	237.8	212.1	234.9	153.0	254.5
Pioneer	P1093Q	Qrome-RIB	LL,RR2	215.7	218.6	216.7	17.0	778	232.1	206.0	218.6	181.9	236.9
Pioneer	P1185Q	Qrome	LL,RR2	215.5	224.1	217.9	17.6	768	240.3	201.4	221.9	161.1	245.5
NuTech/G2 Genetics	71B6PCE	PCE	LL,RR2,EN	209.0	213.7	209.0	15.8	775	222.7	193.7	223.9	154.3	249.1
Epley Brothers Hyb.	E2230	None	None	207.2	209.5	207.6	16.5	756	231.9	190.1	218.4	148.1	248.6
NK Seeds	NK1228-AA	AA	GT,LL	198.2	205.0	199.1	17.3	711	210.9	184.1	222.9	140.0	227.7
Experiment Mean				222.2	222.3	218.6	17.1	799	239.8	202.4	223.8	185.0	246.6
Minimum Mean				198.2	204.0	197.5	15.8	711	207.9	182.6	203.8	140.0	227.7
Maximum Mean				248.1	250.6	243.2	20.1	879	278.4	247.0	241.5	249.5	266.2
LSD(0.25)				9.7	10.7	14.1	0.6		14.7	6.1	9.5	16.3	6.7
Coefficient of Variability				5.8	5.8	5.2			7.3	2.9	3.9	9.2	2.9

Table 11. South district, 2025 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-sville
Renk	RK8585TRE	TRC	RR2	245.6	251.1	236.6	19.8	827	275.7	232.7	241.5	224.2	251.9
Dekalb	DKC115-55 TRERIB	TRE-RIB	LL,RR2	235.1	240.9	227.6	19.8	791	256.8	240.5	228.9	203.4	244.0
Dekalb	DKC114-43 VT2PRIB	VT2P-RIB	LL,RR2	221.6	228.6	220.2	17.6	789	255.5	190.7	235.1	181.1	243.8
Epley Brothers Hyb.	E2320	None	None	218.2	214.7	212.8	18.2	765	232.8	210.8	210.3	181.5	259.4
NuTech/G2 Genetics	73J1V	VE	LL,RR2,EN	213.5	213.9	218.3	16.8	774	227.6	186.4	223.9	165.3	260.0
Pioneer	P1366Q	Qrome-RIB	LL,RR2	213.2	214.7	216.7	17.0	769	237.8	189.0	211.3	188.7	236.5
NuTech/G2 Genetics	73B2V	VE	LL,RR2,EN	212.9	226.0	201.8	17.5	760	267.3	191.8	220.7	154.1	232.5
Renk	RK889PCE	PC-RIB	LL,RR2	211.4	214.0	216.6	17.1	761	238.9	185.5	217.3	173.4	243.8
NK Seeds	NK1307-DV	DURA	GT,LL	211.4	212.9	215.1	18.1	743	223.6	199.7	218.1	188.9	234.0
Prairie Hybrid Seeds	7445	None	None	210.8	215.6	212.2	16.9	763	235.1	185.8	228.0	162.8	234.8
Viking/Blue River	78-13	None	None	210.3	204.3	221.4	19.3	717	207.9	188.9	208.3	187.0	247.1
Pioneer	P1563Q	Qrome-RIB	LL,RR2	208.7	205.0	205.4	18.6	724	224.1	195.8	203.8	186.3	245.4
NuTech/G2 Genetics	75A8PCE	PCE	LL,RR2,EN	208.0	207.2	209.6	17.4	743	237.0	182.6	218.0	163.1	245.7
Experiment Mean				217.0	222.3	218.6	18.0	764	239.8	202.4	223.8	185.0	246.6
Minimum Mean				208.0	204.0	197.5	16.8	717	207.9	182.6	203.8	140.0	227.7
Maximum Mean				245.6	250.6	243.2	19.8	827	278.4	247.0	241.5	249.5	266.2
LSD(0.25)				9.7	10.7	14.1	0.6		14.7	6.1	9.5	16.3	6.7
Coefficient of Variability				5.8	5.8	5.2			7.3	2.9	3.9	9.2	2.9



Table 12. Entrant Information.

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
DKC100-21 VT2RIB	100	VT2P-RIB	LL,RR2	ACLE	X					
DKC103-63 SSPRIB	103	SSX-RIB	LL,RR2	A500PV	X					
DKC104-14 SSPRIB	104	SSX-RIB	LL,RR2	A500PV		X	X			
DKC106-98 VT4PRIB	106	VT4P-RIB	LL,RR2	ACLE		X	X			
DKC107-11 SSPRIB	107	SSX-RIB	LL,RR2	ACLE			X			
DKC107-69 TRERIB	107	TRE-RIB	LL,RR2	ACLE		X	X			
DKC111-62 TRERIB	111	TRE-RIB	LL,RR2	ACLE				X	X	
DKC112-35 SSPRIB	112	SSX-RIB	LL,RR2	A500PV				X	X	
DKC114-43 VT2PRIB	114	VT2P-RIB	LL,RR2	ACLE				X		X
DKC115-55 TRERIB	115	TRE-RIB	LL,RR2	ACLE						X

Epley: Epley Brothers Hybrids, Inc., Shell Rock, IA					www.epleybros.com				(319) 885-6293	
Hybrid	RM	GMO Technology		Seed Treatment	North	North	Central	Central	South	South
		Trait Pkg	Herb Tech		Early	Full	Early	Full	Early	Full
E2230	112	None	Conv	None				X	X	
E2320	113	None	Conv	None				X		X
E9610	96	None	Conv	None	X					

Legacy Seeds: Legacy Seeds, Scandinavia, WI					www.legacyseeds.com				(866) 791-6390	
Hybrid	RM	GMO Technology		Seed Treatment	North	North	Central	Central	South	South
		Trait Pkg	Herb Tech		Early	Full	Early	Full	Early	Full
LC534-24	103	PC-RIB	LL,RR2	A500PV	X					
LC554-24	105	PC	LL,RR2	A500PV		X				
LC565-24	106	PC-RIB	LL,RR2	A500PV		X				
LC581-25	108	SSXP	LL,RR2	A500PV		X				

Table 12. Entrant Information. *Continued*

NK Seeds: Syngenta, Greensboro, NC					www.syngenta-us.com/seeds/nk				(573) 864-9669	
Hybrid	RM	GMO Technology		Seed Treatment	North	North	Central	Central	South	South
		Trait Pkg	Herb Tech		Early	Full	Early	Full	Early	Full
NK1228-AA	112	AA	GT,LL	C500V					X	
NK1307-DV	113	DURA	GT,LL	C500V						X

NuTechG2 Genetics: NuTech Seed, LLC, Ames, IA					www.nutechseed.com				(515) 232-1997	
Hybrid	RM	GMO Technology		Seed Treatment	North	North	Central	Central	South	South
		Trait Pkg	Herb Tech		Early	Full	Early	Full	Early	Full
63A7V	103	VE	LL,RR2,EN	LMGN	X					
67C1PCE	107	PCE	LL,RR2,EN	LMGN		X	X			
69B5V	109	VE	LL,RR2,EN	LMGN		X	X		X	
69C7PCE	109	PCE	LL,RR2,EN	LMGN		X	X		X	
69F3V	109	VE	LL,RR2,EN	LMGN		X	X		X	
69G1PCE	109	PCE	LL,RR2,EN	LMGN		X	X		X	
71B6PCE	111	PCE	LL,RR2,EN	LMGN				X	X	
73B2V	113	VE	LL,RR2,EN	LMGN				X		X
73J1V	113	VE	LL,RR2,EN	LMGN				X		X
75A8PCE	115	PCE	LL,RR2,EN	LMGN						X

Pioneer: Corteva, Johnston, IA					www.pioneer.com/us				(800) 233-7333	
Hybrid	RM	GMO Technology		WSeed Treatment	North	North	Central	Central	South	South
		Trait Pkg	Herb Tech		Early	Full	Early	Full	Early	Full
P0075Q	100	Qrome-RIB	LL,RR2	LMGN	X					
P0220Q	102	Qrome	LL,RR2	LMGN	X					
P0529Q	105	Qrome-RIB	LL,RR2	LMGN		X	X			
P0622Q	106	Qrome-RIB	LL,RR2	LMGN		X	X			
P0924Q	109	Qrome-RIB	LL,RR2	LMGN		X	X			
P1093Q	110	Qrome-RIB	LL,RR2	LMGN				X	X	
P1185Q	111	Qrome	LL,RR2	LMGN				X	X	
P1366Q	113	Qrome-RIB	LL,RR2	LMGN						X
P1563Q	115	Qrome-RIB	LL,RR2	LMGN						X



Table 12. Entrant Information. *Continued*

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
2311 Org	103	None	Conv	LMSP	X					
4470	106	None	Conv	LMSP		X				
4556	106	None	Conv	LMSP			X			
4991 Org	106	None	Conv	LMSP		X				
6251 Org	111	None	Conv	LMSP		X				
6436	111	None	Conv	LMSP				X	X	
6755	110	None	Conv	LMSP			X			
6854	110	None	Conv	LMSP			X		X	
7241 Org	112	None	Conv	LMSP				X		
7445	113	None	Conv	LMSP				X		X

Renk: Renk Seed Co., Sun Prairie, WI					www.renkseed.com				(800) BUY RENK	
Hybrid	RM	GMO Technology		Seed Treatment	North	North	Central	Central	South	South
		Trait Pkg	Herb Tech		Early	Full	Early	Full	Early	Full
RK5518TRE	97	TRC	RR2	A500PV	X					
RK582SSTX	98	SSX-RIB	LL,RR2	A500PV	X					
RK583PCE	99	PC-RIB	LL,RR2	ACL250	X					
RK586VT4P	99	VT4P	RR2	A500PV	X					
RK630TRE	102	TRC-RIB	RR2	ACL250	X					
RK6545PCE	102	PC	LL,RR2	ACL250	X					
RK6555VT4PRO	102	VT4P	RR2	A500PV	X					
RK703PCE	106	PC-RIB	LL,RR2	ACL250		X				
RK705VT4P	105	VT4P	RR2	A500PV		X	X			
RK7577TRE	104	TRC	RR2	A500PV		X				
RK7590SSPRO	109	SSXP	LL,RR2	A500PV		X	X			
RK766SSPRO	109	SSXP-RIB	LL,RR2	A500PV		X	X			
RK773TRE	109	TRC-RIB	RR2	ACL250		X	X			
RK785PCE	109	PC-RIB	LL,RR2	ACL250		X	X			
RK825VT4PRO	112	VT4P	RR2	A500PV				X	X	
RK8501PCE	110	PC	LL,RR2	A500PV				X		
RK8585TRE	114	TRC	RR2	A500PV				X		X
RK889PCE	113	PC-RIB	LL,RR2	ACL250				X		X

Table 12. Entrant Information. *Continued*

Viking/Blue River: Albert Lea Seed House, Albert Lea, MN					www.alseed.com				(800) 352-5247	
Hybrid	RM	GMO Technology		Seed Treatment	North	North	Central	Central	South	South
		Trait Pkg	Herb Tech		Early	Full	Early	Full	Early	Full
49-05	105	None	Conv	C250		X				
72-06	106	None	Conv	C250		X				
75-07	107	None	Conv	ACL250		X	X			
76-11	111	None	Conv	ACL250				X	X	
78-13	113	None	Conv	ACL250				X		X





Iowa's Official Variety Trials



IOWA STATE UNIVERSITY
College of Agriculture and Life Sciences

A summary of replicated research by Iowa Crop Improvement Association.