



Soybean

2024

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—Soybeans

is conducted each year to provide information farmers need to select the best varieties 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 varieties in the Iowa Crop Performance Tests—Soybeans. 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. In 2024, 167 varieties from 16 companies were tested in 218 district-by-variety combinations.

Each entry was replicated four times in four-row plots at a planting rate of 130,000 seeds per acre at each location. Row spacing was 30 inches, plot length was 15 feet, and planted row length was 12.4 feet. The center two rows of each plot were harvested with a soybean plot combine. A moisture determination was made from each plot and yields were corrected to 13 percent moisture. Yield determinations are based on a 15 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 tests within each district. These tables contain a mean yield 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. More detailed information 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 varieties, yield differences greater than the LSD value can be attributed to differences in the yield potential of these varieties; yield differences less than the LSD value are not statistically different and could have been due to other factors.

Maturity ratings for varieties are estimates and may vary across seasons. Yield comparisons should be made among varieties 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 varieties 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 variety selection decisions.



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

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 varieties 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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For More Information

- For more information about the Iowa Crop Performance Tests, see croptesting.iastate.edu.
- For information about Iowa Crop Improvement Association, visit iowacrop.org.
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Figure 1.
Test locations for the 2024 Iowa Crop Performance Tests—Soybean

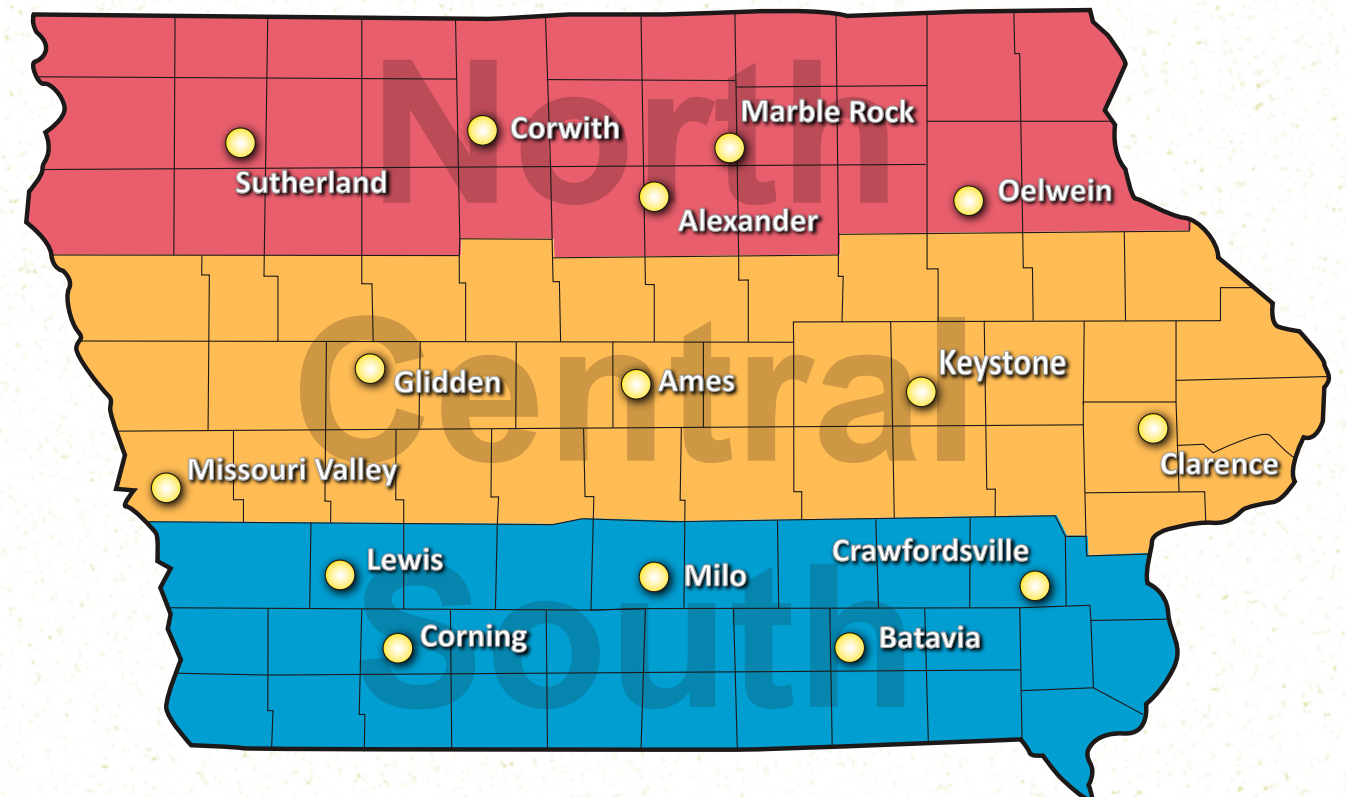


Table 1. General information for the 2024 soybean test.

Location and Cooperator	Soil Type	Planting Date	Harvest Date	Avg Yield Bu/Acre
North				
Sutherland, Andrew Weaver	Primghar/Galva silty clay loam	18-May	7-Oct	69.1
Corwith, Jonathan Chambers	Canisteo/Bode clay loam	15-May	4-Oct	52.8
Alexander, Rod Fesenmeyer	Canisteo clay loam, Clarion loam	3-Jun	5-Oct	61.8
Marble Rock, Dave Muth	Raddle silt loam, Ostrander/Bolan loam	15-May	5-Oct	67.1
Oelwein, Heath Geiselman	Kenyon loam, Readlyn silt loam	19-May	1-Oct	53.8
Central				
Missouri Valley, Dean McIntosh	Nicolett loam	28-May	4-Oct	69.7
Glidden, David & Andy Theilen	Marshan clay loam, Lawler loam	20-May	4-Oct	70.7
Ames, Mike Fiscus	Nicolett loam, Canisteo clay loam	30-May	11-Oct	66.2
Keystone, Dennis Pohlman	Tama/Muscatine silty clay loam	14-May	2-Oct	70.6
Clarence, Dave Elijah	Garwin/Muscatine silty clay loam	6-May	2-Oct	81.5
South				
Lewis, Matt Groves	Marshall/Exira silty clay loam	10-May	N/A	N/A
Corning, Chris Gaesser	Sharpsburg silty clay loam	18-May	9-Oct	63.9
Milo, Craig & Adam Hill	Macksburg silty clay loam	29-May	2-Oct	59.8
Batavia, Pat Hammes	Grundy/Edina silt loam	23-May	7-Oct	71.4
Crawfordsville, Cody Schneider	Mahaska silty clay loam	10-May	8-Oct	74.5

Table 2. Seed treatment and other data descriptions.

Seed Treatment		Herb Tech: Herbicide Technology
ACL+ILVO	Acceleron + ILeVO	Conv Conventional, no herbicide traits
CMA+Salt	CruiserMaxx APX + Saltro	E3 Enlist E3
CMV	CruiserMaxx Vibrance	E3S Enlist E3 + STS
CMV+Salt	CruiserMaxx Vibrance + Saltro	RR2XF Roundup Ready 2 XtendFlex
EVAYO+S	Equity VIP + Vayantis + Saltro	
L-CT	L-Coat Total	
LMGN	LumiGEN	
None	No seed treatment	
PGP	Profit Guard Plus	
PV+ILVO	Poncho-VOTIVO + ILeVO	

Yield: Bushels per acre, adjusted to 13% moisture
MG: Maturity group indicated by variety name
AGV: Adjusted Gross Value, based on a price per bushel of \$9.75 and does not include shrinkage

In 2024, we evaluated over 167 varieties from 16 companies, in more than 218 district-by-variety 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, 2023-2024.

North early-season varieties, MG ≤ 2.2

Company	Variety	MG	Herb Tech	Yield Bu/A	NW Yield Bu/A	NE Yield Bu/A	AGV \$
Golden Harvest	GH2292E3	2.2	E3	66.8	64.8	68.5	743
Viking/Blue River	2022N	2.0	Conv	66.7	62.9	69.7	742
Golden Harvest	GH2004XF	2.0	RR2XF	65.7	63.8	68.3	731
Viking/Blue River	2155N	2.1	Conv	65.2	62.3	68.3	726
P3 Genetics	2322E	2.2	E3	65.2	62.2	66.6	725
Pioneer	P21A53E	2.1	E3	65.0	62.7	67.3	724
Cornelius	CB18XF88	1.8	RR2XF	65.0	61.5	65.7	723
Xitavo	XO 1822E	1.8	E3	65.0	61.6	67.8	723
Asgrow	AG20XF4	2.0	RR2XF	64.7	61.9	65.0	720
P3 Genetics	2218E	1.8	E3	63.9	60.6	65.0	711
Renk	G1980E	1.9	E3	63.8	61.8	65.9	710
Xitavo	XO 1632E	1.6	E3	63.8	59.9	66.1	709
Renk	G2180E	2.1	E3	62.8	57.7	66.9	699
Pioneer	P18A73E	1.8	E3	61.0	58.0	62.5	678
Experiment Mean				63.6	60.2	65.5	
LSD(0.25)				2.3	3.2	3.0	

North full-season varieties, MG > 2.2

Company	Variety	MG	Herb Tech	Yield Bu/A	NW Yield Bu/A	NE Yield Bu/A	AGV \$
Asgrow	AG27XF4	2.7	RR2XF	70.9	68.2	70.4	788
Latham	L 2551 E3	2.5	E3	70.3	66.9	69.7	782
Renk	G2480E	2.4	E3	69.2	67.4	70.0	770
Viking/Blue River	27B4	2.7	Conv	68.7	65.9	70.0	764
Nutech/G2 Genetics	27N03E	2.7	E3	68.7	65.3	69.2	764
Renk	G2570ES	2.5	E3	68.3	65.4	69.7	760
Cornelius	CB22XF52	2.2	RR2XF	68.2	63.0	70.7	758
P3 Genetics	2424E	2.4	E3	68.0	66.1	67.8	756
Nutech/G2 Genetics	24N05E	2.4	E3	67.5	65.4	69.2	751
Viking/Blue River	2418N	2.4	Conv	66.6	60.9	69.6	741
Golden Harvest	GH2674E3	2.6	E3	66.1	65.1	64.7	735
Pioneer	P25A16E	2.5	E3	65.8	63.6	67.0	732
Xitavo	XO 2444E	2.4	E3	65.3	62.7	66.4	726
Pioneer	P23A40E	2.3	E3	64.9	62.8	66.6	722
Experiment Mean				66.3	63.3	67.3	
LSD(0.25)				2.3	3.2	3.0	

Table 4. Central district 2-year means, 2023-2024.

Central early-season varieties, MG ≤ 2.7

Company	Variety	MG	Herb Tech	Yield Bu/A	CW Yield Bu/A	CE Yield Bu/A	AGV \$
Renk	G2480E	2.4	E3	70.1	65.2	74.4	780
Viking/Blue River	27B4	2.7	Conv	70.0	65.9	74.0	778
Nutech/G2 Genetics	24N05E	2.4	E3	69.3	66.0	72.8	771
Nutech/G2 Genetics	27N03E	2.7	E3	69.2	64.9	73.4	770
Latham	L 2551 E3	2.5	E3	69.1	65.1	74.2	769
Renk	G2570ES	2.5	E3	68.4	64.6	71.4	761
P3 Genetics	2325E	2.5	E3	67.3	63.8	70.3	749
Pioneer	P25A16E	2.5	E3	67.0	64.6	69.0	745
Xitavo	XO 2444E	2.4	E3	66.3	62.2	71.4	737
Asgrow	AG27XF4	2.7	RR2XF	66.2	61.9	71.4	737
Cornelius	CB25XF99	2.5	RR2XF	65.2	62.4	69.0	726
Pioneer	P23A40E	2.3	E3	63.5	59.5	67.6	706
Experiment Mean				65.5	62.0	68.8	
LSD(0.25)				2.3	3.4	3.0	

Central full-season varieties, MG > 2.7

Company	Variety	MG	Herb Tech	Yield Bu/A	CW Yield Bu/A	CE Yield Bu/A	AGV \$
Xitavo	XO 3224E	3.2	E3	67.6	62.0	73.2	752
Viking/Blue River	30B4	3.0	Conv	67.5	65.5	68.2	751
Xitavo	XO 3014E	3.0	E3	66.8	65.2	68.1	743
Pioneer	P31T64E	3.1	E3	66.4	61.9	70.0	739
P3 Genetics	2429E	2.9	E3	66.1	61.8	69.0	735
Asgrow	AG28XF3	2.8	RR2XF	66.0	61.1	71.3	734
Cornelius	CB29XF44	2.9	RR2XF	64.9	59.7	70.1	722
P3 Genetics	2331E	3.1	E3	64.9	58.2	70.8	722
Pioneer	P28A65E	2.8	E3	61.5	56.3	66.9	685
Experiment Mean				65.7	61.3	69.5	
LSD(0.25)				2.3	3.4	3.0	

Table 5. South district 2-year means, 2023-2024.

South early-season varieties, MG ≤ 3.2

Company	Variety	MG	Herb Tech	Yield Bu/A	SW Yield Bu/A	SE Yield Bu/A	AGV \$
Xitavo	XO 3014E	3.0	E3	71.2	66.2	73.4	792
Pioneer	P31T64E	3.1	E3	69.2	64.4	72.1	770
Xitavo	XO 3224E	3.2	E3	68.6	63.5	70.3	763
Asgrow	AG28XF3	2.8	RR2XF	68.2	63.4	71.2	759
Pioneer	P28A65E	2.8	E3	64.4	60.1	67.4	717
Experiment Mean				68.0	63.1	71.0	
LSD(0.25)				2.5	3.5	2.7	

South full-season varieties, MG > 3.2

Company	Variety	MG	Herb Tech	Yield Bu/A	SW Yield Bu/A	SE Yield Bu/A	AGV \$
Xitavo	XO 3752E	3.7	E3	72.1	67.4	74.4	802
Nutech/G2 Genetics	37N03E	3.7	E3	71.9	65.8	74.5	798
Viking/Blue River	3418N	3.4	Conv	71.4	66.1	75.0	795
P3 Genetics	2337E	3.7	E3	71.3	65.8	73.8	793
Nutech/G2 Genetics	34N02E	3.4	E3	69.5	63.4	73.0	773
Pioneer	P37A18E	3.7	E3	68.6	63.7	70.8	763
Renk	RS353NXF	3.5	RR2XF	68.1	64.4	70.2	757
Pioneer	P35T15E	3.5	E3	67.6	61.7	70.0	752
Experiment Mean				69.5	63.5	72.3	
LSD(0.25)				2.5	3.5	2.7	



Table 6. North district, 2024 district and single-location means. Early-season test, MG ≤ 2.2.

Company	Variety	MG	Herb Tech	District Means			Single Location Yield				
				Yield Bu/A	NW Yield	NE Yield	Marble				
							Sutherland	Corwith	Alexander	Rock	Oelwein
Nutech/G2 Genetics	21N08E	2.1	E3	64.2	64.5	64.2	71.3	57.1	63.6	68.0	60.6
Golden Harvest	GH2292E3	2.2	E3	63.7	65.8	59.8	71.3	59.3	65.8	69.1	52.3
Nutech/G2 Genetics	22N04E	2.2	E3	63.5	60.8	65.5	69.5	52.1	60.4	76.1	58.8
Viking/Blue River	2022N	2.0	Conv	63.1	61.8	65.1	70.7	49.8	65.3	72.4	58.0
Asgrow	AG22XF3	2.2	RR2XF	62.0	62.6	62.4	72.0	52.3	63.1	69.5	53.2
P3 Genetics	2322E	2.2	E3	61.9	61.6	62.4	68.6	54.5	62.6	70.6	52.5
Renk	G1980E	1.9	E3	61.4	62.6	61.4	69.1	52.7	65.6	65.6	54.4
LOYAL BRAND	L2070E	2.0	E3	61.1	60.4	60.0	68.9	54.3	59.8	68.7	54.6
Latham	L 1881 E3	1.8	E3	61.1	61.1	61.2	65.8	53.6	64.0	65.2	55.6
Nutech/G2 Genetics	20N06E	2.0	E3	61.1	60.6	63.9	68.5	51.1	62.1	65.0	58.5
Asgrow	AG20XF4	2.0	RR2XF	61.1	62.5	61.1	69.3	53.8	62.5	66.1	54.9
Latham	L 1721 E3	1.7	E3	60.9	59.5	61.6	60.9	55.0	63.9	71.5	53.1
P3 Genetics	2419E	1.9	E3	60.8	60.9	59.3	71.9	52.0	59.8	69.9	51.6
Viking/Blue River	19B5	1.9	Conv	60.2	59.4	59.9	65.2	54.1	58.6	68.0	55.0
Xitavo	XO 1822E	1.8	E3	60.0	57.4	61.5	68.1	47.4	61.4	66.0	56.4
Dyna-Gro	S22XF95	2.2	RR2XF	60.0	61.8	57.9	72.9	52.2	59.3	63.4	53.6
Nutech/G2 Genetics	17N02E	1.7	E3	59.9	60.6	60.8	66.6	51.7	63.7	65.3	52.2
Xitavo	XO 2075E	2.0	E3	59.9	59.2	59.5	68.4	52.4	56.5	69.1	52.9
Viking/Blue River	2155N	2.1	Conv	59.9	59.5	62.4	66.0	48.2	65.2	64.8	54.3
P3 Genetics	2520E	2.0	E3	59.9	60.8	59.1	68.0	55.2	59.2	61.9	56.0
Dyna-Gro	S18EN35	1.8	E3	59.7	60.0	60.3	69.4	44.8	67.2	68.5	50.3
Latham	L 2053 E3	2.0	E3	59.6	62.1	60.1	67.0	52.4	61.2	68.7	51.1
Cornelius	CB18XF88	1.8	RR2XF	59.6	62.1	59.2	73.8	50.0	62.0	65.4	48.8
Cornelius	CB20XF39	2.0	RR2XF	59.5	60.5	59.0	73.2	45.5	61.9	70.2	45.5
LOYAL BRAND	L1860E	1.8	E3	59.4	57.5	60.3	67.3	48.1	58.9	68.8	54.7
Xitavo	XO 1632E	1.6	E3	59.1	59.6	59.8	66.8	47.6	64.8	65.3	49.8
P3 Genetics	2218E	1.8	E3	59.0	59.0	57.5	68.4	53.0	60.2	62.0	52.3
Renk	G2180E	2.1	E3	58.8	59.7	61.5	64.1	47.6	65.1	60.5	55.6
Xitavo	XO 1545E	1.5	E3	58.3	58.0	59.7	66.3	46.9	62.9	60.9	53.2
Renk	G2090E	2.0	E3	58.1	59.1	59.1	65.6	48.2	61.6	64.6	52.6
LOYAL BRAND	L2160E	2.1	E3	57.8	57.7	58.9	64.4	47.1	60.7	65.4	51.1
Dyna-Gro	S19XF45	1.9	RR2XF	57.2	60.6	55.9	73.3	46.5	59.5	63.0	44.0
Golden Harvest	GH1875E3	1.8	E3	56.0	57.5	56.2	63.4	49.1	57.4	58.3	52.9
Pioneer	P18A73E	1.8	E3	56.0	57.3	56.8	60.7	47.7	63.5	57.5	52.1
Benson Hill	BH22Q201	2.2	Conv	53.1	54.1	55.3	61.6	46.1	52.0	58.9	46.3
Benson Hill	e21y989	2.1	Conv	52.6	53.4	51.4	66.4	40.7	54.1	52.3	49.7
Benson Hill	e17y993	1.7	Conv	50.1	47.1	51.1	59.2	37.0	48.0	58.7	47.1
Experiment Mean				59.8			68.0	50.6	61.5	65.8	53.1
Minimum Mean				50.1			59.2	37.0	48.0	52.3	44.0
Maximum Mean				65.3			75.2	59.3	69.9	76.1	60.6
LSD(0.25)				2.2			3.2	4.0	4.1	5.1	3.4
Coefficient of Variability				7.3			5.1	8.6	7.3	8.3	7.2

Table 7. North district, 2024 district and single-location means. Full-season test, MG > 2.2.

Company	Variety	MG	Herb Tech	District Means			Single Location Yield				
				Yield Bu/A	NW Yield	NE Yield	Marble				
							Sutherland	Corwith	Alexander	Rock	Oelwein
Nutech/G2 Genetics	26N08E	2.6	E3	69.3	67.7	71.3	75.7	58.7	69.3	76.8	65.3
Asgrow	AG27XF4	2.7	RR2XF	66.8	66.2	64.8	73.7	62.9	63.8	71.7	63.3
Latham	L 2391 E3	2.3	E3	66.8	66.9	66.2	73.7	60.6	66.7	71.9	60.0
LOYAL BRAND	L2560E	2.5	E3	66.5	67.2	67.0	72.3	60.5	69.0	74.2	57.4
Renk	RS255NXF	2.5	RR2XF	65.8	65.6	65.6	74.9	57.9	63.6	76.5	55.3
Renk	G2480E	2.4	E3	65.6	66.7	64.6	72.3	59.8	67.2	64.1	62.9
Nutech/G2 Genetics	25N05E	2.5	E3	65.2	66.2	65.5	71.6	59.8	65.1	69.4	60.5
Viking/Blue River	27B4	2.7	Conv	64.7	63.6	64.0	68.0	62.3	60.6	72.2	59.7
Latham	L 2551 E3	2.5	E3	64.6	64.7	64.1	73.0	58.2	62.5	72.7	57.6
Nutech/G2 Genetics	27N03E	2.7	E3	64.5	65.7	62.0	72.5	58.4	64.6	70.2	56.3
Renk	G2570ES	2.5	E3	64.3	65.0	62.8	75.3	57.6	65.3	70.9	54.0
Golden Harvest	GH2315E3	2.3	E3	64.3	67.1	62.9	74.6	60.2	64.6	68.7	53.8
Nutech/G2 Genetics	27N07E	2.7	E3	63.9	63.1	64.8	70.4	57.3	62.8	73.5	55.1
P3 Genetics	2424E	2.4	E3	63.7	63.5	61.5	70.8	59.6	59.8	72.8	53.8
Nutech/G2 Genetics	24N05E	2.4	E3	63.4	64.1	64.0	67.4	58.4	65.9	69.2	56.5
Cornelius	CB22XF52	2.2	RR2XF	63.1	61.9	63.9	72.7	49.4	65.0	75.5	53.7
ISU	IAS27C1	2.7	Conv	62.9	60.8	63.2	68.3	56.1	61.1	70.9	57.8
Viking/Blue River	2418N	2.4	Conv	62.7	63.4	62.9	70.3	55.2	62.7	67.5	55.1
Renk	G2790E	2.7	E3	62.0	61.4	59.8	70.4	58.5	57.8	67.5	54.4
Pioneer	P23A40E	2.3	E3	62.0	62.8	61.5	69.8	53.7	64.2	66.5	54.3
Pioneer	P25A16E	2.5	E3	61.8	62.0	62.4	69.7	52.7	65.5	66.1	53.1
Asgrow	AG25XF5	2.5	RR2XF	61.5	63.8	60.0	73.0	55.1	62.1	63.4	54.8
Benson Hill	BH23H228	2.3	Conv	61.1	63.2	62.2	69.2	52.1	66.6	63.3	55.6
Viking/Blue River	23B5	2.3	Conv	60.9	60.0	62.2	69.4	47.5	60.7	71.9	55.6
Xitavo	XO 2444E	2.4	E3	60.8	60.9	61.4	68.9	52.2	63.4	67.3	52.6
Xitavo	XO 2305E	2.3	E3	60.4	61.8	59.6	71.0	55.6	58.5	67.5	50.4
LOYAL BRAND	L2370E	2.3	E3	60.3	60.6	59.6	71.2	53.2	58.9	67.9	48.6
ISU	IAS25C2	2.5	Conv	60.1	58.5	58.4	65.2	57.9	53.7	67.6	55.7
Golden Harvest	GH2674E3	2.6	E3	59.4	60.5	56.6	71.1	53.5	58.6	67.7	44.7
P3 Genetics	2523E	2.3	E3	58.6	60.2	58.2	68.7	52.2	57.1	65.4	49.3
ISU	IAS27C3	2.7	Conv	58.4	60.3	59.4	69.1	49.7	60.3	62.1	50.6
Benson Hill	BH25C137	2.5	Conv	57.6	58.0	57.4	66.4	45.9	61.3	64.0	49.2
Renk	G2390E	2.3	E3	57.4	58.6	59.2	64.8	49.1	58.1	64.2	50.7
Xitavo	XO 2735E	2.7	E3	56.9	57.1	56.6	65.2	49.5	54.6	68.4	47.9
Legacy Seeds	DF 262 NF	2.6	Conv	55.9	56.9	58.1	61.6	45.0	61.9	61.2	49.1
Xitavo	XO 2625E	2.6	E3	55.2	56.1	50.5	66.8	53.5	49.5	57.2	48.2
Experiment Mean				62.2			70.2	55.3	62.0	68.6	54.5
Minimum Mean				55.2			61.6	45.0	49.5	57.2	44.7
Maximum Mean				69.3			75.7	62.9	69.3	76.8	65.3
LSD(0.25)				2.2			3.2	4.0	4.1	5.1	3.4
Coefficient of Variability				7.3			5.1	8.6	7.3	8.3	7.2



Table 8. Central district, 2024 district and single-location means. Early-season test, MG ≤ 2.7.

Company	Variety	MG	Herb Tech	District Means			Single Location Yield				
				Yield Bu/A	CW Yield	CE Yield	Missouri Valley	Glidden	Ames	Keystone	Clarence
Viking/Blue River	27B4	2.7	Conv	76.5	71.9	76.5	74.1	74.5	70.2	74.7	87.2
Renk	G2480E	2.4	E3	76.5	73.5	78.5	72.4	74.3	74.0	76.3	84.1
P3 Genetics	2527E	2.7	E3	75.7	75.0	75.3	74.4	82.1	67.9	73.9	80.2
Nutech/G2 Genetics	27N07E	2.7	E3	75.6	73.9	75.7	74.5	75.6	68.4	71.1	87.1
Nutech/G2 Genetics	24N05E	2.4	E3	75.4	69.9	76.0	70.9	78.0	67.2	79.4	82.9
Nutech/G2 Genetics	25N05E	2.5	E3	75.2	73.6	75.7	75.5	78.1	67.5	73.9	84.4
Renk	G2790E	2.7	E3	74.7	71.6	74.2	74.8	76.3	65.3	71.8	85.3
Latham	L 2551 E3	2.5	E3	74.7	70.1	76.1	71.5	71.8	65.2	78.2	84.5
ISU	IAS25C2	2.5	Conv	74.5	70.8	74.8	71.0	76.0	67.7	75.4	82.2
Nutech/G2 Genetics	27N03E	2.7	E3	74.5	70.0	75.9	67.3	79.0	67.0	76.4	84.2
Renk	RS255NXF	2.5	RR2XF	74.4	73.4	72.3	77.6	76.1	66.7	69.6	81.5
Renk	G2570ES	2.5	E3	74.0	74.4	74.3	72.4	78.6	69.8	71.2	80.7
Latham	L 2744 XF	2.7	RR2XF	73.9	68.5	78.3	71.5	60.8	71.9	76.5	88.9
Nutech/G2 Genetics	26N08E	2.6	E3	73.8	70.9	75.5	69.3	72.0	70.3	72.0	84.3
Golden Harvest	GH2315E3	2.3	E3	73.6	73.3	72.5	72.0	80.0	69.1	70.3	80.2
Golden Harvest	GH2745XF	2.7	RR2XF	73.2	67.1	77.8	65.7	64.3	73.5	75.9	87.1
ISU	IAS27C1	2.7	Conv	73.1	70.4	75.0	71.9	67.5	68.7	76.4	79.7
P3 Genetics	2325E	2.5	E3	72.9	72.3	71.2	73.9	78.6	65.4	65.6	82.9
Pioneer	P25A16E	2.5	E3	72.9	70.1	72.3	72.4	72.2	68.5	72.6	78.7
Xitavo	XO 2444E	2.4	E3	72.4	66.9	71.4	74.3	69.2	62.7	75.0	81.7
Asgrow	AG27XF4	2.7	RR2XF	72.3	68.0	74.6	69.6	66.7	65.0	71.5	86.6
ISU	IAS27C3	2.7	Conv	71.9	66.9	74.5	67.8	70.2	64.3	72.9	83.6
Latham	L 2391 E3	2.3	E3	71.8	70.6	70.3	66.7	78.7	67.4	66.4	79.0
Cornelius	CB25XF99	2.5	RR2XF	71.7	70.9	72.1	75.8	66.0	63.2	70.0	80.7
Cornelius	CB27XF17	2.7	RR2XF	71.6	70.7	72.2	70.9	73.0	63.8	70.3	81.9
Xitavo	XO 2735E	2.7	E3	71.1	67.2	71.2	67.3	72.9	63.7	73.3	79.1
NK Seeds	NK23-P1E3	2.3	E3	70.9	71.1	68.6	70.3	75.9	68.9	65.9	73.7
Cornelius	CB24XF75	2.4	RR2XF	70.7	69.7	70.5	71.9	71.2	64.9	68.7	76.6
Dyna-Gro	S23EN05	2.3	E3	70.5	68.9	72.1	69.3	71.1	66.2	66.3	80.7
Golden Harvest	GH2775E3	2.7	E3	70.2	65.0	69.6	68.5	68.9	63.7	68.9	81.3
Xitavo	XO 2305E	2.3	E3	69.1	67.5	67.0	72.5	73.3	58.2	68.1	73.3
NK Seeds	NK27-J5E3	2.7	E3	68.7	65.4	69.3	67.2	67.7	64.3	65.7	79.1
Pioneer	P23A40E	2.3	E3	68.5	63.4	70.9	64.1	59.3	65.5	65.4	84.3
Asgrow	AG25XF5	2.5	RR2XF	68.0	66.1	68.2	70.2	61.9	60.5	67.1	76.3
Xitavo	XO 2625E	2.6	E3	66.1	65.1	67.9	63.1	64.4	64.9	65.4	73.7
Benson Hill	BH23H228	2.3	Conv	64.3	63.5	66.2	63.9	60.5	60.3	66.6	67.3
Benson Hill	BH23Q217	2.3	Conv	63.4	61.0	64.3	60.4	65.8	57.7	66.2	67.4
Benson Hill	BH25C137	2.5	Conv	62.1	60.6	64.1	64.7	55.4	57.7	61.7	70.1
Legacy Seeds	DF 262 NF	2.6	Conv	60.9	56.2	63.3	53.1	61.7	57.4	63.4	68.9
Experiment Mean				71.6			69.9	71.0	65.8	70.8	80.3
Minimum Mean				60.9			53.1	55.4	57.4	61.7	67.3
Maximum Mean				76.5			77.6	82.1	74.0	79.4	88.9
LSD(0.25)				2.7			3.4	7.1	4.1	4.1	3.6
Coefficient of Variability				6.3			5.5	9.1	6.6	6.5	4.8

Table 9. Central district, 2024 district and single-location means. Full-season test, MG > 2.7.

Company	Variety	MG	Herb Tech	District Means			Single Location Yield				
				Yield Bu/A	CW Yield	CE Yield	Missouri Valley	Glidden	Ames	Keystone	Clarence
Nutech/G2 Genetics	30N06E	3.0	E3	76.6	73.8	77.9	77.8	72.3	70.7	72.4	89.3
Asgrow	AG31XF3	3.1	RR2XF	75.8	71.6	76.4	72.2	77.5	68.2	80.0	82.2
Viking/Blue River	30B4	3.0	Conv	75.4	74.1	73.6	76.7	79.5	69.5	68.0	84.2
Xitavo	XO 3224E	3.2	E3	74.9	68.8	76.7	67.8	77.1	67.4	77.0	87.7
Dyna-Gro	S31XF05	3.1	RR2XF	74.6	71.2	76.7	76.6	69.0	66.1	76.0	83.7
Dyna-Gro	S28XF85	2.8	RR2XF	74.6	70.4	76.2	70.1	75.6	65.4	73.0	89.4
Nutech/G2 Genetics	32N04E	3.2	E3	74.5	71.0	75.5	71.6	73.1	69.8	71.3	86.7
Nutech/G2 Genetics	29N05E	2.9	E3	74.3	73.3	77.0	74.3	78.0	65.4	73.3	81.8
Dyna-Gro	S29ES45	2.9	E3S	73.9	72.1	72.7	74.6	77.6	66.3	68.7	83.7
Golden Harvest	GH2925XF	2.9	RR2XF	73.7	69.3	77.1	68.5	73.8	65.1	77.4	84.9
Xitavo	XO 3014E	3.0	E3	73.0	72.6	71.9	75.4	75.7	65.4	64.3	83.5
Nutech/G2 Genetics	28N03E	2.8	E3	73.0	68.6	75.4	69.7	69.1	70.0	69.1	87.7
ISU	IAS29C1	2.9	Conv	73.0	67.6	72.5	68.8	76.6	65.5	74.5	80.1
Pioneer	P31T64E	3.1	E3	72.8	69.9	75.6	67.7	71.9	69.0	70.6	85.2
P3 Genetics	2429E	2.9	E3	72.6	71.6	74.4	66.1	75.2	71.6	70.5	80.1
Latham	L 2871 E3	2.8	E3	72.6	72.7	73.7	72.4	71.3	69.2	70.7	78.8
ISU	IAS31C2	3.1	Conv	72.5	69.4	75.0	69.9	67.4	70.3	73.7	83.6
ISU	IAS29C2	2.9	Conv	71.6	67.9	73.1	67.5	71.8	64.8	72.0	81.3
Asgrow	AG28XF3	2.8	RR2XF	71.6	68.6	73.2	72.6	66.1	67.1	68.7	84.8
Latham	L 3061 E3	3.0	E3	71.5	69.4	72.4	63.8	78.7	67.6	67.9	81.3
Xitavo	XO 3105E	3.1	E3	71.2	71.6	70.3	70.0	76.3	70.5	63.6	78.7
P3 Genetics	2331E	3.1	E3	71.2	65.6	74.7	66.9	61.8	68.4	69.5	87.9
Cornelius	CB29XF44	2.9	RR2XF	71.0	65.5	74.3	66.1	68.7	62.8	74.3	84.1
Latham	L 3158 XF	3.1	RR2XF	70.5	65.8	74.9	64.2	64.2	66.7	69.9	83.5
Xitavo	XO 2865E	2.8	E3	70.2	66.8	72.1	68.1	66.8	68.0	67.8	81.7
Pioneer	P28A65E	2.8	E3	69.2	62.8	71.3	67.2	58.0	65.0	68.1	84.5
Golden Harvest	GH3035E3	3.0	E3	68.2	66.9	71.6	66.7	59.6	67.2	65.5	78.4
Xitavo	XO 2985E	2.9	E3	67.0	62.2	72.4	63.0	55.7	68.0	67.0	80.7
Benson Hill	e31y806	3.1	Conv	65.4	62.2	67.3	64.9	62.2	58.0	63.3	76.6
Benson Hill	BH31Q146	3.1	Conv	64.2	59.8	65.9	61.3	59.2	57.0	66.4	74.4
Experiment Mean				72.0			69.4	70.3	66.9	70.5	83.0
Minimum Mean				64.2			61.3	55.7	57.0	63.3	74.4
Maximum Mean				76.6			77.8	79.5	71.6	80.0	89.4
LSD(0.25)				2.7			3.4	7.1	4.1	4.1	3.6
Coefficient of Variability				6.3			5.5	9.1	6.6	6.5	4.8



Table 10. South district, 2024 district and single-location means. Early-season test, MG ≤ 3.2.

Company	Variety	MG	Herb Tech	District Means			Single Location Yield				
				Yield Bu/A	SW Yield	SE Yield	Lewis	Corning	Milo	Batavia	Crawfordsville
Pioneer	P31T64E	3.1	E3	70.0	66.6	71.7	This test was discarded.	66.2	65.2	72.0	77.6
Nutech/G2 Genetics	32N04E	3.2	E3	69.8	66.1	70.3		68.7	60.3	70.9	79.6
Viking/Blue River	30B4	3.0	Conv	69.5	64.5	71.0		65.5	64.2	73.7	75.3
Latham	L 3158 XF	3.1	RR2XF	68.7	62.9	70.1		63.8	63.8	74.1	72.6
Xitavo	XO 3014E	3.0	E3	68.3	61.5	70.7		62.3	62.5	72.0	76.1
ISU	IAS31C2	3.1	Conv	68.3	63.2	69.5		64.0	60.8	73.5	74.0
Golden Harvest	GH3035E3	3.0	E3	68.2	64.0	68.5		65.9	61.1	72.9	73.0
ISU	IAS29C1	2.9	Conv	67.9	60.5	69.6		61.5	59.6	74.2	76.0
Xitavo	XO 3224E	3.2	E3	67.5	60.5	69.1		63.1	59.1	70.6	76.7
ISU	IAS29C2	2.9	Conv	67.3	59.8	69.7		60.6	59.0	76.1	73.6
Nutech/G2 Genetics	28N03E	2.8	E3	67.2	63.1	68.2		63.5	62.2	70.9	72.0
Nutech/G2 Genetics	29N05E	2.9	E3	67.0	65.1	67.6		65.7	65.6	68.2	69.3
Nutech/G2 Genetics	30N06E	3.0	E3	66.8	64.6	66.6		66.4	64.1	70.8	66.0
NK Seeds	NK30-A9E3	3.0	E3	66.6	61.4	67.8		63.0	60.5	73.0	68.9
Asgrow	AG28XF3	2.8	RR2XF	66.5	63.1	67.8		62.8	63.4	68.2	70.9
Xitavo	XO 3105E	3.1	E3	66.4	60.2	69.2		60.5	58.5	72.5	74.2
Latham	L 3061 E3	3.0	E3	66.1	60.1	67.2		61.4	56.5	74.7	71.6
Asgrow	AG31XF3	3.1	RR2XF	65.9	64.0	66.0		65.8	62.8	67.2	69.0
Latham	L 2871 E3	2.8	E3	65.4	60.4	68.5		58.6	60.9	71.4	71.0
Latham	L 2744 XF	2.7	RR2XF	65.2	61.8	66.3		62.8	59.7	72.3	66.8
Xitavo	XO 2985E	2.9	E3	64.8	56.4	66.4	58.8	55.1	69.2	76.2	
Pioneer	P28A65E	2.8	E3	63.4	60.9	64.2	61.9	60.4	63.9	67.4	
Xitavo	XO 2865E	2.8	E3	62.8	56.5	66.1	53.0	61.1	68.1	70.1	
Benson Hill	BH31Q146	3.1	Conv	62.0	58.5	62.9	57.8	58.3	63.3	68.6	
Benson Hill	e31y806	3.1	Conv	61.6	57.9	62.4	59.5	57.0	66.4	63.7	
Experiment Mean				66.5				62.5	60.9	70.8	72.0
Minimum Mean				61.6				53.0	55.1	63.3	63.7
Maximum Mean				70.0				68.7	65.6	76.1	79.6
LSD(0.25)				2.8				4.3	2.5	3.0	3.7
Coefficient of Variability				5.7				7.6	4.9	4.7	5.4

Table 11. South district, 2024 district and single-location means. Full-season test, MG > 3.2.

Company	Variety	MG	Herb Tech	District Means			Single Location Yield				
				Yield Bu/A	SW Yield	SE Yield	Lewis	Corning	Milo	Batavia	Crawfordsville
P3 Genetics	2438E	3.8	E3	73.2	68.0	73.8	This test was discarded.	70.1	64.7	77.3	80.2
Dyna-Gro	S38EN75	3.8	E3	72.7	66.6	73.1		70.6	62.9	77.0	80.6
Nutech/G2 Genetics	36N06E	3.6	E3	72.5	66.4	71.5		73.8	61.0	74.8	79.6
Xitavo	XO 3555E	3.5	E3	72.3	61.6	76.0		62.6	59.6	83.1	84.5
Golden Harvest	GH3774E3	3.7	E3	72.0	66.2	72.8		68.8	63.2	76.1	78.8
Asgrow	AG35XF5	3.5	RR2XF	71.6	66.2	73.3		67.9	65.8	75.2	78.4
Asgrow	AG36XF4	3.6	RR2XF	71.0	66.0	71.5		70.2	60.7	73.4	80.5
Nutech/G2 Genetics	37N03E	3.7	E3	70.8	64.0	70.8		69.4	57.7	74.6	82.3
Xitavo	XO 3752E	3.7	E3	70.2	64.8	70.5		69.3	61.3	70.6	79.5
Renk	RS395NXF	3.9	RR2XF	69.9	62.8	69.4		71.6	55.0	77.0	76.0
Benson Hill	BH39A150	3.9	Conv	69.8	64.6	69.3		69.8	61.0	73.2	74.6
Cornelius	CB36XF60	3.6	RR2XF	69.7	63.0	71.1		65.8	60.2	75.6	76.9
Renk	G3380E	3.3	E3	69.6	62.2	71.1		64.9	61.9	72.8	77.9
Latham	L 3635 E3	3.6	E3	69.5	64.6	69.9		69.2	58.4	73.0	78.3
Xitavo	XO 3855E	3.8	E3	69.4	60.3	70.8		63.0	56.8	79.1	79.9
Viking/Blue River	3418N	3.4	Conv	69.0	63.2	70.8		62.8	63.8	71.6	78.3
Dyna-Gro	S37XF15	3.7	RR2XF	68.9	61.2	70.5		63.8	58.7	75.8	77.1
NK Seeds	NK33-Y7E3S	3.3	E3S	68.9	63.0	71.0		63.5	61.3	72.6	78.4
Nutech/G2 Genetics	38N05E	3.8	E3	68.9	66.5	67.9		71.7	60.3	64.8	78.7
Nutech/G2 Genetics	35N05E	3.5	E3	68.8	62.7	70.0		65.9	59.8	74.6	75.4
Nutech/G2 Genetics	34N02E	3.4	E3	68.8	61.7	71.1	62.4	61.4	74.7	76.0	
P3 Genetics	2337E	3.7	E3	68.8	63.1	70.1	64.2	60.9	70.2	79.9	
P3 Genetics	2434E	3.4	E3	68.7	63.5	70.3	65.6	61.2	69.9	77.7	
Viking/Blue River	39R4	3.9	Conv	68.5	59.9	71.8	59.8	60.3	75.3	77.8	
Golden Harvest	GH3693E3S	3.6	E3S	68.5	62.8	69.3	66.8	59.1	70.5	77.1	
Latham	L 3411 E3	3.4	E3	68.3	63.8	69.4	65.6	63.5	69.8	72.4	
Xitavo	XO 3375E	3.3	E3	68.2	62.6	69.7	65.5	58.4	71.8	76.7	
Renk	G3890E	3.8	E3	67.8	55.8	72.5	52.2	61.7	78.0	77.9	
NK Seeds	NK36-Q6E3S	3.6	E3S	67.5	58.7	68.8	63.7	54.4	73.7	79.2	
Pioneer	P37A18E	3.7	E3	67.5	64.1	66.7	70.1	56.3	67.3	76.6	
Xitavo	XO 3655E	3.6	E3	67.3	59.7	69.5	62.2	56.7	74.9	75.6	
Benson Hill	BH35A231	3.5	Conv	67.1	63.7	67.4	66.6	60.8	70.7	70.2	
Renk	G3580ES	3.5	E3S	67.0	62.3	67.5	65.7	58.1	69.6	75.1	
Golden Harvest	GH3373E3S	3.3	E3S	66.9	62.3	66.9	66.9	59.2	67.6	74.1	
Cornelius	CB33XF26	3.3	RR2XF	66.8	60.0	68.7	59.6	58.9	74.6	73.7	
Pioneer	P35T15E	3.5	E3	66.5	61.4	67.0	64.4	57.3	73.0	71.8	
NK Seeds	NK34-Z8E3S	3.4	E3S	66.3	59.4	67.6	62.3	56.5	71.5	75.4	
Benson Hill	BH37U222	3.7	Conv	65.9	63.2	66.3	65.3	59.6	66.6	72.3	
Benson Hill	BX38F550	3.8	Conv	65.2	59.3	65.9	62.1	57.2	68.9	72.1	
Xitavo	XO 3705E	3.7	E3	65.1	55.9	67.4	58.3	52.6	70.8	79.1	
Benson Hill	BH37Q218	3.7	Conv	64.5	64.4	63.1	67.9	60.1	63.9	66.5	
Benson Hill	BH35A233	3.5	Conv	64.3	57.3	65.7	59.9	56.3	65.5	75.9	
Renk	RS353NXF	3.5	RR2XF	63.9	64.2	63.4	65.9	61.0	63.2	66.5	
Benson Hill	BX36Q861	3.6	Conv	62.8	58.3	61.7	63.3	54.0	65.5	67.8	
Benson Hill	BX37Q467	3.7	Conv	62.6	54.9	64.7	54.7	56.0	69.6	69.1	
Benson Hill	BH37U206	3.7	Conv	62.0	55.5	62.9	57.6	52.9	69.2	67.3	
Benson Hill	BX33U326	3.3	Conv	61.3	56.7	63.5	54.2	59.5	61.3	69.9	
Benson Hill	BX34U578	3.4	Conv	60.6	57.2	62.4	56.7	55.8	63.2	67.5	
Experiment Mean				67.9			64.7	59.3	71.7	75.8	
Minimum Mean				60.6			52.2	52.6	61.3	66.5	
Maximum Mean				73.2			73.8	65.8	83.1	84.5	
LSD(0.25)				2.8			4.3	2.5	3.0	3.7	
Coefficient of Variability				5.7			7.6	4.9	4.7	5.4	



Table 12. Entrant Information.

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

Variety	Herb Tech	Seed Treatment	North Early	North Full	Central Early	Central Full	South Early	South Full
Asgrow	AG20XF4	RR2XF	X					
Asgrow	AG22XF3	RR2XF	X					
Asgrow	AG25XF5	RR2XF		X	X			
Asgrow	AG27XF4	RR2XF		X	X			
Asgrow	AG28XF3	RR2XF				X	X	
Asgrow	AG31XF3	RR2XF				X	X	
Asgrow	AG35XF5	RR2XF						X
Asgrow	AG36XF4	RR2XF						X

Benson Hill: Benson Hill, St. Louis, MO www.bensonhill.com (314) 222-8218

Variety	Herb Tech	Seed Treatment	North Early	North Full	Central Early	Central Full	South Early	South Full
BH22Q201	Conv	CMA+Salt	X					
BH23H228	Conv	CMA+Salt		X				
BH23H228	Conv	CMA+Salt		X	X			
BH23Q217	Conv	CMA+Salt			X			
BH25C137	Conv	CMA+Salt		X	X			
BH31Q146	Conv	CMA+Salt				X	X	
BH35A231	Conv	CMA+Salt						X
BH35A233	Conv	CMA+Salt						X
BH37Q218	Conv	CMA+Salt						X
BH37U206	Conv	CMA+Salt						X
BH37U222	Conv	CMA+Salt						X
BH39A150	Conv	CMA+Salt						X
BX33U326	Conv	CMA+Salt						X
BX34U578	Conv	CMA+Salt						X
BX36Q861	Conv	CMV+Salt						X
BX37Q467	Conv	CMA+Salt						X
BX38F550	Conv	CMA+Salt						X
e17y993	Conv	CMA+Salt	X					
e21y989	Conv	CMA+Salt	X					
e31y806	Conv	CMA+Salt				X	X	

Table 12. Entrant Information. *Continued*

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

Variety	Herb Tech	Seed Treatment	North Early	North Full	Central Early	Central Full	South Early	South Full
CB18XF88	RR2XF	PGP	X					
CB20XF39	RR2XF	PGP	X					
CB22XF52	RR2XF	PGP		X				
CB24XF75	RR2XF	PGP			X			
CB25XF99	RR2XF	PGP			X			
CB27XF17	RR2XF	PGP			X			
CB29XF44	RR2XF	PGP				X		
CB33XF26	RR2XF	PGP						X
CB36XF60	RR2XF	PGP						X

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

Variety	Herb Tech	Seed Treatment	North Early	North Full	Central Early	Central Full	South Early	South Full
S18EN35	E3	EVAYO+S	X					
S19XF45	RR2XF	EVAYO+S	X					
S22XF95	RR2XF	EVAYO+S	X					
S23EN05	E3	EVAYO+S			X			
S28XF85	RR2XF	EVAYO+S				X		
S29ES45	E3S	EVAYO+S				X		
S31XF05	RR2XF	EVAYO+S				X		
S37XF15	RR2XF	EVAYO+S						X
S38EN75	E3	EVAYO+S						X



Table 12. Entrant Information. *Continued*

Golden Harvest: Syngenta, Minnetonka, MN www.goldenharvestseeds.com (612) 656-8152

Variety	Herb Tech	Seed Treatment	North Early	North Full	Central Early	Central Full	South Early	South Full
GH1875E3	E3	CMV+Salt	X					
GH2004XF	RR2XF	CMV+Salt	X					
GH2292E3	E3	CMV+Salt	X					
GH2315E3	E3	None		X	X			
GH2674E3	E3	CMV+Salt		X				
GH2745XF	RR2XF	CMV+Salt			X			
GH2775E3	E3	CMV+Salt			X			
GH2925XF	RR2XF	CMV+Salt				X		
GH3035E3	E3	CMV+Salt				X	X	
GH3373E3S	E3S	CMV+Salt						X
GH3693E3S	E3S	CMV+Salt						X
GH3774E3	E3	CMV+Salt						X

Iowa State: Iowa State University, Ames, IA www.cad.iastate.edu (515) 294-9442

Variety	Herb Tech	Seed Treatment	North Early	North Full	Central Early	Central Full	South Early	South Full
IAS25C2	Conv	CMV+Salt		X	X		W	
IAS27C1	Conv	CMV+Salt		X	X			
IAS27C3	Conv	CMV+Salt		X	X			
IAS29C1	Conv	CMV+Salt				X	X	
IAS29C2	Conv	CMV+Salt				X	X	
IAS31C2	Conv	CMV+Salt				X	X	

Latham: Latham Hi-Tech Seeds, Alexander, IA www.lathamseeds.com (641) 692-3258

Variety	Herb Tech	Seed Treatment	North Early	North Full	Central Early	Central Full	South Early	South Full
L 1721 E3	E3	CMV+Salt	X					
L 1881 E3	E3	CMV+Salt	X					
L 2053 E3	E3	CMV+Salt	X					
L 2391 E3	E3	CMV+Salt		X	X			
L 2551 E3	E3	CMV+Salt		X	X			
L 2744 XF	RR2XF	CMV+Salt			X		X	
L 2871 E3	E3	CMV+Salt				X	X	
L 3061 E3	E3	CMV+Salt				X	X	
L 3158 XF	RR2XF	CMV+Salt				X	X	
L 3411 E3	E3	CMV+Salt						X
L 3635 E3	E3	CMV+Salt						X

Table 12. Entrant Information. *Continued*

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

Variety	Herb Tech	Seed Treatment	North Early	North Full	Central Early	Central Full	South Early	South Full
DF 262 NF	Conv	L-CT		X	X			

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

Variety	Herb Tech	Seed Treatment	North Early	North Full	Central Early	Central Full	South Early	South Full
L1860E	E3	L-CT	X					
L2070E	E3	L-CT	X					
L2160E	E3	L-CT	X					
L2370E	E3	L-CT		X				
L2560E	E3	L-CT		X				

NK Seeds: Syngenta, Greensboro, NC www.syngenta-us.com/seeds/nk (573) 864-9669

Variety	Herb Tech	Seed Treatment	North Early	North Full	Central Early	Central Full	South Early	South Full
NK23-P1E3	E3	CMV+Salt			X			
NK27-J5E3	E3	CMV+Salt			X			
NK30-A9E3	E3	CMV+Salt					X	
NK33-Y7E3S	E3S	CMV+Salt						X
NK34-Z8E3S	E3S	CMV+Salt						X
NK36-Q6E3S	E3S	CMV+Salt						X

NuTech/G2 Genetics: NuTech Seed, LLC, Ames, IA www.nutechseed.com (888) 647-3478

Variety	Herb Tech	Seed Treatment	North Early	North Full	Central Early	Central Full	South Early	South Full
17N02E	E3	LMGN	X					
20N06E	E3	LMGN	X					
21N08E	E3	LMGN	X					
22N04E	E3	LMGN	X					
24N05E	E3	LMGN		X	X			
25N05E	E3	LMGN		X	X			
26N08E	E3	LMGN		X	X			
27N03E	E3	LMGN		X	X			
27N07E	E3	LMGN		X	X			
28N03E	E3	LMGN				X	X	
29N05E	E3	LMGN				X	X	
30N06E	E3	LMGN				X	X	
32N04E	E3	LMGN				X	X	
34N02E	E3	LMGN						X
35N05E	E3	LMGN						X
36N06E	E3	LMGN						X
37N03E	E3	LMGN						X
38N05E	E3	LMGN						X

Table 12. Entrant Information. *Continued*

P3 Genetics: Cornelius Seed, Bellevue, IA			www.corneliusseed.com			(800) 218-1862		
Variety	Herb Tech	Seed Treatment	North Early	North Full	Central Early	Central Full	South Early	South Full
2218E	E3	PGP	X					
2322E	E3	PGP	X					
2325E	E3	PGP			X			
2331E	E3	PGP				X		
2337E	E3	PGP						X
2419E	E3	PGP	X					
2424E	E3	PGP		X				
2429E	E3	PGP				X		
2434E	E3	PGP						X
2438E	E3	PGP						X
2520E	E3	PGP	X					
2523E	E3	PGP		X				
2527E	E3	PGP			X			

Pioneer: Corteva, Johnston, IA			www.pioneer.com			(800) 233-7333		
Variety	Herb Tech	Seed Treatment	North Early	North Full	Central Early	Central Full	South Early	South Full
P18A73E	E3	LMGN	X					
P21A53E	E3	LMGN	X					
P23A40E	E3	LMGN		X	X			
P25A16E	E3	LMGN		X	X			
P28A65E	E3	LMGN				X	X	
P31T64E	E3	LMGN				X	X	
P35T15E	E3	LMGN						X
P37A18E	E3	LMGN						X

Table 12. Entrant Information. *Continued*

Renk: Renk Seed Co., Sun Prairie, WI			www.renkseed.com			(800) BUY RENK		
Variety	Herb Tech	Seed Treatment	North Early	North Full	Central Early	Central Full	South Early	South Full
G1980E	E3	CMV	X					
G2090E	E3	CMV+Salt	X					
G2180E	E3	CMV+Salt	X					
G2390E	E3	CMV+Salt		X				
G2480E	E3	CMV+Salt		X	X			
G2570ES	E3	CMV+Salt		X	X			
G2790E	E3	CMV+Salt		X	X			
G3380E	E3	CMV+Salt						X
G3580ES	E3S	CMV+Salt						X
G3890E	E3	CMV+Salt						X
RS255NXF	RR2XF	CMV+Salt		X	X			
RS353NXF	RR2XF	CMV+Salt						X
RS395NXF	RR2XF	CMV+Salt						X

Viking/Blue River: Albert Lea Seed, Albert Lea, MN			www.alseed.com			(800) 352-5247		
Variety	Herb Tech	Seed Treatment	North Early	North Full	Central Early	Central Full	South Early	South Full
19B5	Conv	None	X					
2022N	Conv	None	X					
2155N	Conv	None	X					
23B5	Conv	None		X				
2418N	Conv	None		X				
27B4	Conv	None		X	X			
30B4	Conv	None				X	X	
3418N	Conv	None						X
39R4	Conv	None						X



Table 12. Entrant Information. *Continued*

Xitavo: M.S. Technologies, LLC, West Point, IA			www.xitavosoybeanseed.com			(800) 362-2510		
Variety	Herb Tech	Seed Treatment	North Early	North Full	Central Early	Central Full	South Early	South Full
XO 1545E	E3	PV+ILVO	X					
XO 1632E	E3	PV+ILVO	X					
XO 1822E	E3	PV+ILVO	X					
XO 2075E	E3	PV+ILVO	X					
XO 2305E	E3	PV+ILVO		X	X			
XO 2444E	E3	PV+ILVO		X	X			
XO 2625E	E3	PV+ILVO		X	X			
XO 2735E	E3	PV+ILVO		X	X			
XO 2865E	E3	PV+ILVO				X	X	
XO 2985E	E3	PV+ILVO				X	X	
XO 3014E	E3	PV+ILVO				X	X	
XO 3105E	E3	PV+ILVO				X	X	
XO 3224E	E3	PV+ILVO				X	X	
XO 3375E	E3	PV+ILVO						X
XO 3555E	E3	PV+ILVO						X
XO 3655E	E3	PV+ILVO						X
XO 3705E	E3	PV+ILVO						X
XO 3752E	E3	PV+ILVO						X
XO 3855E	E3	PV+ILVO						X



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