

2022 Maryland Corn Hybrid Performance Tests

<http://www.psla.umd.edu/extension/md-crops>

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Test Procedures

The University of Maryland offers a fee-based, corn hybrid performance testing program to local and national seed companies. The results from these replicated trials provide agronomic performance information about corn hybrids tested at five locations in Maryland considered representative of the state's geography and weather conditions. Table 1 summarizes the agronomic and production information for each test site.

Hybrids tested in 2022 were entered by participating seed companies, listed in Table 2, that were solicited for submission of hybrids. These hybrids represented those currently available for purchase to experimental lines still under evaluation. Select Pioneer hybrids were identified for use as checks in the test. The inclusion of the performance data for check hybrids that are proven performers in the Mid-Atlantic region allows comparisons of newer hybrids to proven hybrids.

During 2022, 72 hybrids were tested using three maturity groups: early season (12 hybrids, Table 5), mid-season (20 hybrids, Table 6), and full season (40 hybrids, Table 7). Each company designated maturity group assignments for hybrids they submitted. Check hybrids were included in each of the five tests. All hybrid genetic traits and seed treatments are listed in Tables 5-7.

Each hybrid was replicated three times per location. Planting was done with a modified, four-row John Deere 1750 planter equipped with coulters and trash wheels for no-till planting. The modified planter units were manufactured by Clewell Precision Machine, Inc. Milton, PA. Each plot was four rows spaced 30 inches apart. Target population was 30,000 seeds per acre at dryland locations and 34,500 seeds per acre at the irrigated location (Salisbury). Plot harvest length was approximately 32 feet. Harvest stand and number of lodged plants were counted within two weeks of harvest to determine population and lodging, respectively. The center two rows of each plot were harvested with an Almaco R1 research combine (Almaco Co., Nevada, IA). Grain yield, harvest moisture, and test weight were measured for each plot. These data were collected with a Seed Spector LRX system (Almaco Co., Nevada, IA) and recorded on Microsoft xTablet T1600.

Test Results

The overall performance across the locations for the hybrids in each maturity group is reported in Tables 8-10. Hybrid performance at individual locations can be found in Tables 11-25. The agronomic characteristics reported are yield, in bushels/acre corrected to 15% moisture content, harvest moisture content, percent lodging, test weight (lb/bu) at 15% moisture, and harvest population.

We had some challenges with animal damage in the early hybrids at the Clarksville location in 2022 but generally yields were good this year. Planting and harvest were timely and the weather did not greatly impact field operations at any of our sites this year. Yields averaged across the five locations for early (12), mid- (20), and full-season (40) varieties at 214 bu/ac, 231 bu/ac, and 229 bu/ac, respectively. These yields are -1.4%, -1.3%, and -6.5%, respectively, to those observed in 2021.

A least significant difference (LSD) value is reported for each test where statistical significant differences ($P \leq 0.1$) for a variable were observed among hybrids. The mean separation value has been calculated at the 10% probability level ($LSD_{0.1}$). The LSD can be used to compare two hybrids within the same test. For example, when the yield difference between two hybrids is greater than the LSD value,

there is a 90% certainty that the difference in yield is real rather than due to random variability. The coefficient of variation (CV) is a measure of the variability that existed at a test site. It is used as an indicator of the degree of precision for a test. In general, CV values below 10% for yield indicate that the precision for distinguishing yield differences was very good. Generally, CV values were mostly low this year, with at least one maturity group at each location lacking power to determine differences in yield among the hybrids.

Relative Yield

The selection of a hybrid or hybrids based solely on performance at one location is not recommended. It is better to select hybrids based upon performance over a number of locations and years, if possible. In order to compare the performance of each hybrid across the five locations, relative yield tables (Tables 26-28) are included. Relative yield is the ratio of the yield of a hybrid at a location to the mean yield of all the hybrids at that location expressed in percentage. A hybrid that has a relative yield consistently greater than 100 across all testing locations is considered to have excellent stability. In 2022, 10 hybrids met this standard: DeKalb DKC56-26RIB (early), Hubner H4390RC2P (early), DeKalb DKC59-82RIB (mid), DeKalb DKC62-70RIB (mid), Dyna-Gro Seeds D50VC09 (mid), Mid-Atlantic Seeds MA8110 (mid), DeKalb DKC65-95RIB (full), Growmark FS 6424V RIB (full), Mid-Atlantic Seeds MA8136 (full), and Seedway SW 1579VT (full). Nine hybrids (2 early, 3 mid-season, 4 full season) had relative yield greater than 100 at four locations, a mark of good stability.

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Additional Information

The inclusion of hybrids in these tests is not an endorsement by the University of Maryland. Advertising statements about a company's hybrids can be made as long as they are accurate statements about the data as published. Statements similar to "See the Maryland Corn Hybrid Tests Agronomy Facts No. 54" or "Endorsement or recommendation by the University of Maryland is not implied" must accompany any reproduced information.

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Table 1. Production management practices used and other information for the locations of the 2022 Maryland Corn Hybrid Test

Location	Soil Type and Previous Crop	Fertilizer	Herbicides & Insecticides	Tillage	Plant and Harvest Dates	Farm Staff
Wye R&E Center Queenstown, MD	Nassawango silt loam Triticale cover crop	<u>21 April:</u> 100 lb/ac as 0-0-60 <u>3 May:</u> 15 gal/ac as 21-13-0-2S <u>20 May:</u> 10 gal/ac as 21-13-0-2S <u>9 June:</u> 55 gal/ac as 30% UAN <u>Total:</u> 239-37-60-5S	<u>11 Apr Pre-Plant:</u> Amaze Gold @ 1 qt/ac Bullseye @ 1 qt/ac <u>3 May Pre-Emerge:</u> Atrazine 4L @ 1 qt/ac Corvus @ 5.6 oz/ac Princep 4L @ 1 qt/ac Transform Plus @ 1 qt/100 gal	No tillage with use of trash wheels on planter	<u>Plant</u> 30 April <u>Harvest</u> 21 September	John Draper Thomas Eason Reagan Milby
Lower Eastern Shore R&E Center Poplar Hill Facility Quantico, MD	Nassawango silt loam Soybean then wheat cover crop	<u>12 April:</u> 455 lb/ac as 9-0-36-9S <u>10 May:</u> 16 gal/ac as 19-19-0-B-Zn <u>7 June:</u> 44 gal/ac as 30% UAN <u>Total:</u> 219-36-163-41S-0.1B-0.3Zn	<u>20 April Pre-Plant:</u> Gramoxone @ 1 qt/ac 2,4-D Ester @ 1 pt/ac 80/20 Scanner @ 6 fl oz/ac <u>12 May Pre-Emerge:</u> LexarEZ @ 3 qt/ac RoundUp @ 1 qt/ac <u>2 June Post-Emerge:</u> RoundUp @ 1 qt/ac Aatrex 90 @ 0.5 lb/ac	No tillage with use of trash wheels on planter	<u>Plant</u> 10 May <u>Harvest</u> 28 September	David Armentrout Vivian Calder Jordan Miller
Lower Eastern Shore R&E Center Salisbury Facility Salisbury, MD	Fort Mott loamy sand Soybean	<u>11 April:</u> 455 lb/a as 9-0-36-9S <u>10 May:</u> 15 gal/ac as 21-13-0-2S <u>26 May:</u> 30.7 gal/ac as 30% UAN <u>1 June:</u> 30.7 gal/ac as 30% UAN <u>Total:</u> 273-22-163-43S	<u>21 April Pre-Plant:</u> Gramoxone @ 1qt/ac 2,4-D Ester @ 1pt/ac 80/20 Scanner @ 6 fl oz/ac <u>11 May Pre-Emerge:</u> LexarEZ @ 3 qt/ac <u>31 May Post-Emerge:</u> RoundUp @ 1 qt/ac Aatrex90 @ 0.5 lb/ac	No tillage with use of trash wheels on planter	<u>Plant</u> 10 May <u>Harvest</u> 27 September	David Armentrout Vivian Calder David Long James Lynch Jordan Miller
Central Maryland R&E Center Clarksville Facility Clarksville, MD	Glenville silt loam Soybeans	<u>12 April:</u> 40 gal/ac as 30% UAN <u>12 May:</u> 15 gal/ac as 21-13-0-2S <u>22 June:</u> 20 gal/ac as 30% UAN <u>Total:</u> 231-22-0-3S	<u>12 May Pre-Emerge:</u> Acuron @ 2.5 qt/ac Atrazine 4L @ 1 qt/ac Gramoxone @ 1.5 qt/ac 2,4-D LV4 @ 1 qt/ac	No tillage with use of trash wheels on planter	<u>Plant</u> 12 May <u>Harvest</u> 17 October	Ryan McDonald Michael Gray
Western Maryland R&E Center Keedysville, MD	Swanpond – Funkstown silt loam Soybeans then rye cover crop	<u>15 April:</u> 50-30-50 <u>12 May:</u> 15 gal/ac as 21-13-0-2S <u>13 May:</u> 35 gal/ac of 30% UAN <u>Total:</u> 200-55-50-3S	<u>25 April Pre-Plant:</u> Glystar Plus @ 1 qt/ac <u>11 May Pre-Emerge:</u> Acuron @ 2.5 qt/ac Atrazine 4L @ 1 qt/ac Weedone LV4 @ 1pt/ac Helmquat 3SL @ 1.5 pt/ac	No tillage with use of trash wheels on planter	<u>Plant</u> 12 May <u>Harvest</u> 20 October	Douglas Price David Wyand

Table 2. Brands and companies in the 2022 Maryland corn hybrid trials

Brand	Address
Augusta	P.O. Box 899, Verona, VA 24482 www.augustaseed.com
Dekalb	800 N. Lindbergh Blvd., St. Louis, MO 63167 www.dekalbasgrowdeltapine.com
Dyna-Gro	Nutrien Ag Solution, 396 Washington St., Boydton, VA 23917 www.dynagroseed.com
Growmark FS	1701 Towanda Ave., Bloomington, IL 61701 www.growmarkfs.com
Hubner	Hubner Seed Company, 306 North Main St., Monticello, IN 47960 www.hubnerseed.com
Revere Seed	Revere Seed, 2940 Reach Road, Williamsport, PA 17701 www.revereseed.com
Mid-Atlantic Seeds	Mid-Atlantic Seeds, 316 N Albemarle St., York, PA 17402 www.midatlanticseeds.com
NK Brand	Syngenta Seeds, 4013 Fairmount Pike, Signal Mountain, TN 37377 www.syngenta-us.com
Pioneer	DuPont-Pioneer, PO Box 1000, Johnston, IA 50131 www.pioneer.com
SeedKoz	1725 Windward Concourse, Suite 410, Alpharetta, GA 30005 www.meherrinag.com
Seedway	1734 Railroad Pl, Hall, NY 14463 www.seedway.com

Table 3. Precipitation received in 2022 at Maryland locations of corn hybrid trials

Month	Wye	Poplar Hill	Salisbury ¹	Keedysville ³	Clarksville
	inches				
April	4.71	1.82	3.21 (0)	2.35	0.98
May	4.34	2.8	3.51 (0)	0.09	0.35
June	6.18	4.8	4.29 (1.3)	0	3.18
July	4.10	5.27	8.26 (0.4)	0.56	3.04
August	2.63	7.23	0.95 (2.6)	0.12	1.95
September	2.97	3.45	4.2 (0)	0.04	1.94
2021 Total (6 mos.)	24.93	25.37	24.42	-	11.44
Long Term Average²	27.50	23.17	25.25	-	20.32

¹The number in parenthesis following precipitation for each month indicates the amount of supplemental irrigation applied.

²Long term average precipitation is for the follow number of years at each location: Wye=23; Poplar Hill = 22; Salisbury = 33; Keedysville = 42; Clarksville =13

³Incomplete precipitation data collection at this location

Table 4. Glossary of abbreviations for hybrid genetic traits and description of seed treatments.

Abbreviation	Description
Acceleron	Seed treatment for nematode and insect protection and soil/seed-borne fungal pathogens with the number referring to the concentration of the insecticide used
AM (Acre Max)	Insect protection with YieldGard corn stalk borer gene, protection against European corn borer, LL, RR2
Avicta Complete Corn	Nematacide/insecticide/fungicide seed treatment combination
CB	Hybrid trait providing resistance to corn borer
Cruiser/C250	Seed treatment to provide protection against broad spectrum of insect pests
Droughtgard (DG) Double Pro	Contains drought-tolerant biotechnology trait and dual modes of protection against corn earworm and other above-ground pests
Herculex I	
LL	Refers to glufosinate (Liberty) herbicide tolerance
Lumigen	Pioneer proprietary seed treatment
Poncho 500	An insecticide seed treatment with the number referring to the concentration of the insecticide used.
Q (Qrome)	Dual modes of action, defend against above- and below-ground pests, Bt protein and HX and HX1 genes.
Radius 500	Seed treatment for nematode and insect protection with the number referring to the concentration of the insecticide used
RR, RR2	Has glyphosate herbicide tolerance
SSRIB (Smart Stax)	Two modes of action for protection against corn rootworm plus refuge in bag
Trecepta	Protection against European corn borer, broad Lepidopteran plus glyphosate and glufosinate herbicide tolerance
Vibrance Vayantis	Systemic fungicide seed treatment developed to protect corn from damping off disease caused by Pythium
VT2P, VT2PRO	Contains RR2 gene and YieldGard corn stalk borer gene
VT2PDGRIB	Contains RR2 gene, YieldGard corn stalk borer gene, Drought Gard gene, and non-Bt seed blended in the bag creating refuge in the bag
VT2PRIB	Contains RR2 gene and YieldGard corn stalk borer gene and non-Bt seed blended in the bag creating refuge in the bag

Table 5. Relative maturity, genetic traits, and seed treatments for early-season hybrids tested in 2022. Check varieties are bolded.

Brand	Hybrid Name	Relative Maturity	Genetic Traits	Seed Treatment
DeKalb	DKC56-15RIB	106	TRERIB	A500
DeKalb	DKC56-26RIB	106	TRERIB	A500
DeKalb	DKC57-45RIB	107	VT2PRIB	A500
DeKalb	DKC58-64RIB	108	SSRIB	A500
Hubner	H05G716	105	Drought Guard Double PRO	Poncho 500
Hubner	H4390RC2P	108	Double PRO	Poncho 250
Hubner	H0881D	108	Double PRO	Poncho 500
Revere Seed	Revere 0707 DGVT2PRIB	107	CB/RR	Radius 500
Mid-Atlantic Seeds	MA8039	103	VT2PRIB	C250
Mid-Atlantic Seeds	MA8042	104	VT2PRIB	C250
Pioneer	P0075AM	100	Liberty Link, RR2	Herculex I, Acre Max, LumiGEN
Pioneer	P0404AM	104	Liberty Link, RR2	Herculex I, Acre Max, LumiGEN

Table 6. Relative maturity, genetic traits, and seed treatments for mid-season hybrids tested in 2022. Check varieties are bolded.

Brand	Hybrid Name	Relative Maturity	Genetic Traits	Seed Treatment
DeKalb	DKC59-82RIB	109	VT2PRIB	A500
DeKalb	DKC61-41RIB	111	VT2PRIB	A500
DeKalb	DKC62-70RIB	112	VT2PRIB	A500
Dyna-Gro Seeds	D52VC63	112	VT Double Pro	A500
Dyna-Gro Seeds	D50VC09	110	VT Double Pro	A500
Growmark Inc	FS 6017V RIB	110	VT2P RIB	ACCELERON 500+PV
Growmark Inc	FS 6194V RIB	111	VT2P RIB	ACCELERON 500+PV
Growmark Inc	FS 6217T RIB	112	TRECEPTA RIB	ACCELERON 500+PV
Hubner	H4321RC2P	109	Double PRO	Poncho 500
Hubner	H09G056	109	Drought Guard Double PRO	Poncho 500
Revere Seed	Revere 0918 SXXRIB	109	CB/CRW/RR	Radius 500
Mid-Atlantic Seeds	MA8091	109	VT2PRIB	C250
Mid-Atlantic Seeds	MA8108	110	VT2PRIB	C250
Mid-Atlantic Seeds	MA8110	111	TRR	C250
Mid-Atlantic Seeds	MA8128	112	VT2PRIB	C250
Mid-Atlantic Seeds	MA5124	112	VIP3110	C250
NK Brand	NK1082-5222	110	Agrisure 5222	Avicta Complete Corn 500/Vibrance Vayantis
Pioneer	P0935AM	109	Liberty Link, RR2	Herculex I, Acre Max, LumiGEN
Pioneer	P1289AM	112	Liberty Link, RR2	Herculex I, Acre Max, LumiGEN
SeedKoz	MC 4161	111	VT2PDG	Avicta Compete 1250

Table 7. Relative maturity, genetic traits, and seed treatments for full-season hybrids tested in 2022. Check varieties are bolded.

Brand	Hybrid Name	Relative Maturity	Genetic Traits	Seed Treatment
Augusta	A1359	114	VT2P	C250
Augusta	A1465	115	VT2P	C250
Augusta	A7168	118	VT2P	C250
DeKalb	DKC63-91RIB	113	VT2PRIB	A500
DeKalb	DKC64-65RIB	114	VT2PRIB	A500
DeKalb	DKC65-95RIB	115	VT2PRIB	A500
DeKalb	DKC66-04RIB	116	SSRIB	A500
DeKalb	DKC67-94RIB	117	TRERIB	A500
DeKalb	DKC68-48RIB	118	SSRIB	A500
DeKalb	DKC70-27RIB	120	VT2PRIB	A500
Dyna-Gro Seeds	D53TC23	113	Trecepta	A500
Dyna-Gro Seeds	D54VC14	114	VT Double Pro	A500
Dyna-Gro Seeds	D54VC34	114	VT Double Pro	A500
Dyna-Gro Seeds	D55VC80	115	VT Double Pro	A500
Growmark Inc	FS 6306T RIB	113	TRECEPTA RIB	ACCELERON 500+PV
Growmark Inc	FS 6424V RIB	114	VT2P RIB	ACCELERON 500+PV
Growmark Inc	FS 6595V RIB	115	VT2P RIB	ACCELERON 500+PV
Growmark Inc	FS 6217X RIB	117		
Growmark Inc	FS 6818V RIB	118	VT2P RIB	ACCELERON 500+PV
Hubner	H13G513	113	Drought Guard Double PRO	Poncho 500
Hubner	H4663RC2P	113	Double PRO	Poncho 250
Hubner	H4744RC2P	113	Double PRO	Poncho 250
Hubner	H4763RC2P	115	Double PRO	Poncho 250
Hubner	H4828RC2P	116	Double PRO	Poncho 500
Hubner	H1880D	118	Double PRO	Poncho 500
Revere Seed	Revere 1307 VT2PRIB	113	CB/RR	Radius 500
Revere Seed	Revere 1707 VT2PRIB	117	CB/RR	Radius 500
Mid-Atlantic Seeds	MA8136	113	DGVT2PRIB	C250
Mid-Atlantic Seeds	MA8145	114	VT2PRIB	C250
Mid-Atlantic Seeds	MA8141	114	DGVT2PRIB	C250
Mid-Atlantic Seeds	MA5144	114	DCEZ	C250
Mid-Atlantic Seeds	MA5155	115	VIP3110	C250

Table 7. cont.

Brand	Hybrid Name	Relative Maturity	Genetic Traits	Seed Treatment
NK Brand	NK1677-3110	116	Agrisure 3110	Avicta Complete Corn 500/Vibrance Vayantis
NK Brand	NK1701-3220	117	Agrisure 5222	Avicta Complete Corn 500/Vibrance Vayantis
NK Brand	NK1748-3110	117	Agrisure 3110	Avicta Complete Corn 500/Vibrance Vayantis
SeedKoz	MC 4311	113	Trecepta	Avicta Compete 1250
SeedKoz	MC 4527	115	VT2P	Avicta Compete 1250
Seedway	SW 1345TR	113	Double Pro	Acceleron
Seedway	SW 1421VT	114	Double Pro	Acceleron
Seedway	SW 1579VT	115	Double Pro	Acceleron

Table 8. Average performance of early maturity hybrids evaluated at five locations in 2022.

Brand	Hybrid Name ¹	Yield ² (bu/ac)		2 yr avg	Moisture %	Lodging ³ %	Test Weight (lb/bu)
		2022	2021				
DeKalb	DKC56-15RIB	204	213	208	16.3	3	59
DeKalb	DKC56-26RIB	238*	-	-	15.7	1	60
DeKalb	DKC57-45RIB	227*	-	-	16.1	2	60
DeKalb	DKC58-64RIB	211	217	214	16.5	1	61
Hubner	H05G716	198	209	203	15.1	3	60
Hubner	H4390RC2P	229*	228	228	18.0	1	59
Hubner	H0881D	225*	-	-	16.6	2	61
Revere Seed	Revere 0707 DGV2PRIB	223*	-	-	15.8	2	60
Mid-Atlantic Seeds	MA8039	197	207	202	14.8	16	62
Mid-Atlantic Seeds	MA8042	209	213	211	15.6	1	61
Pioneer⁴	P0075AM	201	-	-	15.3	2	61
Pioneer	P0404AM	205	-	-	16.8	2	58
Trial Mean (5 Locations)		214	217	-	16.0	3	60
Probability > F		0.0113					
LSD_{0.1}		21					

¹See Table 5 for trait designations for early season hybrids.

²Yields and test weights are reported at 15% moisture content.

³Lodging is recorded as percentage of plants that are broken below the ear and/or leaning 45° or greater.

⁴Hybrids in **bold** are checks included with funding from Maryland Grain Producers Utilization Board.

*Hybrids with an asterisk next to yield are not statistically different (Probability > F ≤ 0.1) compared to the top yielding hybrid (highlighted in blue) at this location.

Table 9. Average performance of mid-season maturity hybrids evaluated at five locations in 2022.

Brand	Hybrid Name ¹	Yield ² (bu/ac)		2 yr avg	Moisture %	Lodging ³ %	Test Weight (lb/bu)
		2022	2021				
DeKalb	DKC59-82RIB	239	244	241	17.1	1	59
DeKalb	DKC61-41RIB	236	246	241	17.5	2	58
DeKalb	DKC62-70RIB	242	242	242	18.3	0	62
Dyna-Gro Seeds	D52VC63	230	-	-	18.0	0	59
Dyna-Gro Seeds	D50VC09	240	-	-	17.1	2	59
Growmark Inc	FS 6017V RIB	231	238	234	16.6	4	63
Growmark Inc	FS 6194V RIB	203	-	-	17.1	2	64
Growmark Inc	FS 6217T RIB	228	-	-	18.2	2	63
Hubner	H4321RC2P	224	236	233	16.6	1	60
Hubner	H09G056	233	247	240	17.3	1	58
Revere Seed	Revere 0918 SSXRIB	225	-	-	16.9	1	60
Mid-Atlantic Seeds	MA8091	223	234	228	17.6	2	60
Mid-Atlantic Seeds	MA8108	227	-	-	17.5	1	62
Mid-Atlantic Seeds	MA8110	240	258	249	17.9	1	61
Mid-Atlantic Seeds	MA8128	221	233	227	17.7	2	60
Mid-Atlantic Seeds	MA5124	214	-	-	19.1	1	59
NK Brand	NK1082-5222	226	222	224	18.3	0	58
Pioneer⁴	P0935AM	216	-	-	16.7	0	62
Pioneer	P1289AM	230	-	-	17.7	0	61
SeedKoz	MC 4161	228	-	-	18.0	2	60
Trial Mean (5 Locations)		229	238	-	17.6	1	60
Probability > F		0.2363					
LSD_{0.1}		NS⁵					

¹See Table 6 for trait designations for mid-season hybrids.

²Yields and test weights are reported at 15% moisture content.

³Lodging is recorded as percentage of plants that are broken below the ear and/or leaning 45° or greater.

⁴Hybrids in **bold** are checks included with funding from Maryland Grain Producers Utilization Board.

⁵NS indicates that no statistically significant difference was observed for this characteristic.

Table 10. Average performance of full-season maturity hybrids evaluated at five locations in 2022.

Brand	Hybrid Name ¹	Yield ² (bu/ac)		2 yr avg	Moisture %	Lodging ³ %	Test Weight (lb/bu)
		2022	2021				
Augusta	A1359	233*	-	-	17.7	0	60
Augusta	A1465	231*	-	-	19.4	1	60
Augusta	A7168	229	-	-	21.3	1	58
DeKalb	DKC63-91RIB	233*	-	-	17.8	0	58
DeKalb	DKC64-65RIB	231*	244	237	18.8	1	58
DeKalb	DKC65-95RIB	235*	-	-	19.0	0	61
DeKalb	DKC66-04RIB	231*	-	-	19.6	1	60
DeKalb	DKC67-94RIB	237*	256	246	19.6	1	59
DeKalb	DKC68-48RIB	227	-	-	19.8	0	58
DeKalb	DKC70-27RIB	242*	259	250	22.0	0	60
Dyna-Gro Seeds	D53TC23	231*	-	-	18.0	0	60
Dyna-Gro Seeds	D54VC14	233*	250	241	19.0	1	61
Dyna-Gro Seeds	D54VC34	235*	-	-	19.0	1	60
Dyna-Gro Seeds	D55VC80	241*	255	249	19.5	0	60
Growmark Inc	FS 6306T RIB	247*	254	250	18.1	0	64
Growmark Inc	FS 6424V RIB	246*	-	-	19.4	1	61
Growmark Inc	FS 6595V RIB	242*	255	248	20.1	0	64
Growmark Inc	FS 6217X RIB	230*	-	-	19.5	1	63
Growmark Inc	FS 6818V RIB	243*	-	-	21.3	0	64
Hubner	H13G513	231*	250	240	18.2	1	58
Hubner	H4663RC2P	227	243	235	18.4	1	58
Hubner	H4744RC2P	222	240	231	18.5	1	60
Hubner	H4763RC2P	232*	246	239	18.9	1	59
Hubner	H4828RC2P	230*	249	239	19.4	0	60
Hubner	H1880D	240*	-	-	19.9	0	60
Revere Seed	Revere 1307 VT2PRIB	237*	-	-	18.3	1	59
Revere Seed	Revere 1707 VT2PRIB	228	-	-	20.1	1	61
Mid-Atlantic Seeds	MA8136	237*	-	-	18.9	1	59
Mid-Atlantic Seeds	MA8145	231*	-	-	18.5	0	60
Mid-Atlantic Seeds	MA8141	224	251	237	20.2	0	59
Mid-Atlantic Seeds	MA5144	220	-	-	19.8	2	57
Mid-Atlantic Seeds	MA5155	214	235	224	20.7	1	60

Table 10. cont.

Brand	Hybrid Name ¹	Yield ² (bu/ac)		2 yr avg	Moisture %	Lodging ³ %	Test Weight (lb/bu)
		2022	2021				
NK Brand	NK1677-3110	211	229	220	19.8	0	58
NK Brand	NK1701-3220	215	-	-	20.1	0	54
NK Brand	NK1748-3110	208	239	223	20.7	0	57
SeedKoz	MC 4311	234*	243	238	17.9	1	60
SeedKoz	MC 4527	229	-	-	19.4	1	60
Seedway	SW 1345TR	236*	-	-	18.1	0	60
Seedway	SW 1421VT	239*	-	-	19.0	0	61
Seedway	SW 1579VT	239*	-	-	19.7	0	59
Trial Mean (5 Locations)		231	244	-	19.3	1	59
Probability > F		0.0291					
LSD_{0.1}		17					

¹See Table 7 for trait designations for full season hybrids.

²Yields and test weights are reported at 15% moisture content.

³Lodging is recorded as percentage of plants that are broken below the ear and/or leaning 45° or greater.

*Hybrids with an asterisk next to yield are not statistically different (Probability > F ≤ 0.1) compared to the top yielding hybrid (highlighted in blue) at this location.

Table 11. Performance of early season maturity hybrids evaluated at Wye Research and Education Center, Queenstown, MD in 2022.

Brand	Hybrid Name ¹	Yield (bu/ac) ²		2 yr. avg.	Moisture %	Lodging ³ %	Test Weight (lb/bu)	Population (plants/ac)
		2022	2021					
DeKalb	DKC56-15RIB	199	190	194	18.1	0	54	29744
DeKalb	DKC56-26RIB	241*	-	-	18.0	3	55	32208
DeKalb	DKC57-45RIB	233*	-	-	18.7	2	54	31680
DeKalb	DKC58-64RIB	189	196	192	18.9	2	55	30448
Hubner	H05G716	194	199	196	17.3	1	56	29744
Hubner	H4390RC2P	224*	206	215	20.6	0	54	31504
Hubner	H0881D	229*	-	-	19.4	1	55	31328
Revere Seed	Revere 0707 DGVT2PRIB	221*	-	-	18.4	4	55	32736
Mid-Atlantic Seeds	MA8039	202	203	202	16.7	1	57	29040
Mid-Atlantic Seeds	MA8042	196	193	194	17.3	1	57	31504
Pioneer⁴	P0075AM	198	-	-	17.9	1	55	31944
Pioneer	P0404AM	189	-	-	20.0	2	53	31856
Trial Mean		210	203	-	18.4	1	55	31121
Probability > F		0.0107	-	-	<0.0001	0.8508	0.0060	0.6775
LSD_{0.1}		26	-	-	0.8	NS⁵	1	NS
CV%		11.2	-	-	6.6	178	2.6	6.9

¹See Table 5 for trait designations for early season hybrids.

²Yields and test weights are reported at 15% moisture content.

³Lodging is recorded as percentage of plants that are broken below the ear and/or leaning 45° or greater.

⁴Hybrids in **bold** are checks included with funding from Maryland Grain Producers Utilization Board.

⁵NS indicates that no statistically significant difference was observed for this characteristic.

*Hybrids with an asterisk next to yield are not statistically different (Probability > F ≤ 0.1) compared to the top yielding hybrid (highlighted in blue) at this location.

Table 12. Performance of mid-season maturity hybrids evaluated at Wye Research and Education Center, Queenstown, MD in 2022.

Brand	Hybrid Name ¹	Yield (bu/ac) ²		2 yr. avg.	Moisture %	Lodging ³ %	Test Weight (lb/bu)	Population (plants/ac)
		2022	2021					
DeKalb	DKC59-82RIB	232	224	228	19.9	1	54	32560
DeKalb	DKC61-41RIB	232	234	233	19.7	7	53	30976
DeKalb	DKC62-70RIB	250*	232	241	21.0	1	57	33616
Dyna-Gro Seeds	D52VC63	210	-	-	20.0	2	54	32032
Dyna-Gro Seeds	D50VC09	232	-	-	19.3	7	53	30800
Hubner	H4321RC2P	220	217	218	18.1	0	54	29568
Hubner	H09G056	227	-	-	19.7	0	53	29744
Revere Seed	Revere 0918 SSXRIB	217	-	-	18.6	1	55	31152
Mid-Atlantic Seeds	MA8091	214	218	216	19.5	8	55	30976
Mid-Atlantic Seeds	MA8108	217	-	-	19.0	6	57	31152
Mid-Atlantic Seeds	MA8110	229	249	239	19.5	2	55	30976
Mid-Atlantic Seeds	MA8128	211	216	213	19.5	2	56	30096
Mid-Atlantic Seeds	MA5124	205	-	-	22.0	3	53	31856
NK Brand	NK1082-5222	222	201	211	21.3	0	53	33088
Pioneer⁴	P1289AM	223	-	-	21.0	0	54	31504
SeedKoz	MC 4161	219	-	-	19.9	7	55	29744
Trial Mean		222	223	-	19.9	3	54	31240
Probability > F		0.0053	-	-	<0.0001	0.0400	0.0004	0.3089
LSD_{0.1}		15	-	-	1.0	5	2	NS⁵
CV%		6.9	-	-	6.1	135	3.2	6.1

¹See Table 7 for trait designations for mid-season hybrids.

²Yields and test weights are reported at 15% moisture content.

³Lodging is recorded as percentage of plants that are broken below the ear and/or leaning 45° or greater.

⁴Hybrids in **bold** are checks included with funding from Maryland Grain Producers Utilization Board.

⁵NS indicates that no statistically significant difference was observed for this characteristic.

*Hybrids with an asterisk next to yield are not statistically different (Probability > F ≤ 0.1) compared to the top yielding hybrid (highlighted in blue) at this location.

Table 13. Performance of full season maturity hybrids evaluated at Wye Research and Education Center, Queenstown, MD in 2022.

Brand	Hybrid Name ¹	Yield (bu/ac)		2 yr. avg.	Moisture %	Lodging ³ %	Test Weight (lb/bu)	Population (plants/ac)
		2022	2021					
Augusta	A1359	225	-	-	19.2	1	56	32032
Augusta	A1465	218	-	-	20.8	4	55	33440
Augusta	A7168	218	-	-	23.4	4	51	30800
DeKalb	DKC63-91RIB	217	-	-	19.2	2	54	29744
DeKalb	DKC64-65RIB	228	230	229	22.2	2	54	30624
DeKalb	DKC65-95RIB	235	-	-	20.9	1	56	31504
DeKalb	DKC66-04RIB	213	-	-	22.3	2	53	32912
DeKalb	DKC67-94RIB	239	250	244	21.5	3	56	30448
DeKalb	DKC68-48RIB	209	-	-	22.0	0	53	33616
DeKalb	DKC70-27RIB	213	227	220	24.1	1	52	32560
Dyna-Gro Seeds	D53TC23	235	-	-	19.3	2	56	29744
Dyna-Gro Seeds	D54VC14	236	223	229	20.6	4	57	30272
Dyna-Gro Seeds	D54VC34	215	-	-	21.3	4	54	27808
Dyna-Gro Seeds	D55VC80	230	236	233	21.7	0	55	31856
Growmark Inc	FS 6424V RIB	238	-	-	20.4	3	56	32736
Hubner	H13G513	222	233	227	20.2	0	54	31152
Hubner	H4663RC2P	222	236	229	20.4	3	52	32032
Hubner	H4744RC2P	217	220	218	19.2	2	55	30228
Hubner	H4763RC2P	219	231	225	21.8	5	53	32384
Hubner	H4828RC2P	220	238	229	21.6	0	55	32912
Hubner	H1880D	259*	-	-	22.9	1	55	32032
Revere Seed	Revere 1307 VT2PRIB	221	-	-	20.1	2	54	32032
Revere Seed	Revere 1707 VT2PRIB	213	-	-	21.4	7	56	29920
Mid-Atlantic Seeds	MA8136	230	-	-	20.8	3	54	30976
Mid-Atlantic Seeds	MA8145	231	-	-	20.9	0	55	31504
Mid-Atlantic Seeds	MA8141	219	232	225	22.8	0	53	32208
Mid-Atlantic Seeds	MA5144	208	-	-	21.9	7	51	29744
Mid-Atlantic Seeds	MA5155	204	222	213	22.5	3	54	29392

Table 13. cont.

Brand	Hybrid Name	Yield (bu/ac)		2 yr. avg.	Moisture %	Lodging ³ %	Test Weight (lb/bu)	Population (plants/ac)
		2022	2021					
NK Brand	NK1677-3110	196	196	196	20.9	1	53	30624
NK Brand	NK1701-3220	213	-	-	22.7	1	48	30976
NK Brand	NK1748-3110	185	210	197	22.3	1	52	30272
SeedKoz	MC 4311	223	228	225	19.8	7	55	31328
SeedKoz	MC 4527	216	-	-	21.3	1	54	31328
Seedway	SW 1345TR	217	-	-	19.3	2	54	29216
Seedway	SW 1421VT	214	-	-	20.7	0	56	32560
Seedway	SW 1579VT	219	237	228	21.8	0	55	31680
Trial Mean		220	227	-	21.2	2	54	31229
Probability > F		0.0003	-	-	<0.0001	0.3638	<0.0001	0.0409
LSD_{0.1}		19	-	-	1.3	NS⁵	2	2407
CV%		8.0	-	-	7.1	167	4.1	6.3

¹See Table 7 for trait designations for full season hybrids.

²Yields and test weights are reported at 15% moisture content.

³Lodging is recorded as percentage of plants that are broken below the ear and/or leaning 45° or greater.

⁵NS indicates that no statistically significant difference was observed for this characteristic.

*Hybrids with an asterisk next to yield are not statistically different (Probability > F ≤ 0.1) compared to the top yielding hybrid (highlighted in blue) at this location.

Table 14. Performance of early season maturity hybrids evaluated at Lower Eastern Shore Research and Education Center – Poplar Hill Facility in 2022.

Brand	Hybrid Name ¹	Yield (bu/ac) ²		2 yr avg	Moisture %	Lodging ³ %	Test Weight (lb/bu)	Population (plants/ac)
		2022	2021					
DeKalb	DKC56-15RIB	192	251	221	15.3	2	57	27588
DeKalb	DKC56-26RIB	233*	-	-	14.7	0	57	28677
DeKalb	DKC57-45RIB	217	-	-	15.3	0	57	30674
DeKalb	DKC58-64RIB	203	234	218	15.5	1	58	30674
Hubner	H05G716	212	225	218	14.3	1	58	30311
Hubner	H4390RC2P	210	243	226	17.2	0	56	27407
Hubner	H0881D	235*	-	-	16.0	0	57	32126
Revere Seed	Revere 0707 DGVT2PRIB	222*	-	-	14.4	0	58	31218
Mid-Atlantic Seeds	MA8039	196	222	209	14.1	1	60	30129
Mid-Atlantic Seeds	MA8042	199	230	214	14.6	0	60	28314
Pioneer⁴	P0075AM	194	-	-	13.8	2	58	28133
Pioneer	P0404AM	195	-	-	14.8	5	58	28314
Trial Mean		209	231	-	15.0	1	58	29463
Probability > F		0.0012	-	-	<0.0001	0.6449	<0.0001	0.4955
LSD_{0.1}		17	-	-	0.6	NS⁵	1	NS
CV%		8.5	-	-	6.6	283	2.0	9.3

¹See Table 5 for trait designations for early season hybrids.

²Yields and test weights are reported at 15% moisture content.

³Lodging is recorded as percentage of plants that are broken below the ear and/or leaning 45° or greater.

⁴Hybrids in **bold** are checks.

⁵NS indicates that no statistically significant difference was observed for this characteristic.

*Hybrids with an asterisk next to yield are not statistically different (Probability > F ≤ 0.1) compared to the top yielding hybrid (highlighted in blue) at this location.

Table 15. Performance of mid-season maturity hybrids evaluated at Lower Eastern Shore Research and Education Center – Poplar Hill Facility in 2022.

Brand	Hybrid Name ¹	Yield (bu/ac) ²		2 yr avg	Moisture %	Lodging ³ %	Test Weight (lb/bu)	Population (plants/ac)
		2022	2021					
DeKalb	DKC59-82RIB	236	250	243	15.2	0	55	31218
DeKalb	DKC61-41RIB	218	250	234	16.1	0	56	31763
DeKalb	DKC62-70RIB	220	243	231	16.3	0	59	31944
Dyna-Gro Seeds	D52VC63	233	-	-	16.9	0	57	34848
Dyna-Gro Seeds	D50VC09	241	-	-	15.9	0	56	30492
Hubner	H4321RC2P	216	238	227	15.9	0	56	30867
Hubner	H09G056	230	-	-	15.4	0	56	30674
Revere Seed	Revere 0918 SXRIB	209	-	-	15.8	1	57	31218
Mid-Atlantic Seeds	MA8091	211	242	226	16.8	0	58	30129
Mid-Atlantic Seeds	MA8108	214	-	-	16.8	0	59	31944
Mid-Atlantic Seeds	MA8110	221	260	240	17.2	0	57	31445
Mid-Atlantic Seeds	MA8128	214	242	228	16.0	1	58	31581
Mid-Atlantic Seeds	MA5124	195	-	-	17.7	0	57	32670
NK Brand	NK1082-5222	222	225	223	17.0	0	55	30311
Pioneer⁴	P0935AM	204	-	-	15.8	0	59	30855
Pioneer	P1289AM	223	-	-	16.2	0	59	31037
SeedKoz	MC 4161	221	-	-	18.3	0	59	30311
Trial Mean		219	242	-	16.4	0	57	31372
Probability > F		0.2402	-	-	0.1272	0.5102	0.0822	0.5668
LSD_{0.1}		NS⁵	-	-	NS	NS	3	NS
CV%		8.4	-	-	8.2	505	9.8	6.7

¹See Table 7 for trait designations for mid-season hybrids.

²Yields and test weights are reported at 15% moisture content.

³Lodging is recorded as percentage of plants that are broken below the ear and/or leaning 45° or greater.

⁴Hybrids in **bold** are checks.

⁵NS indicates that no statistically significant difference was observed for this characteristic.

*Hybrids with an asterisk next to yield are not statistically different (Probability > F ≤ 0.1) compared to the top yielding hybrid (highlighted in blue) at this location.

Table 16. Performance of full season maturity hybrids evaluated at Lower Eastern Shore Research and Education Center – Poplar Hill Facility in 2022.

Brand	Hybrid Name ¹	Yield (bu/ac) ²		2 yr avg	Moisture %	Lodging ³ %	Test Weight (lb/bu)	Population (plants/ac)
		2022	2021					
Augusta	A1359	228*	-	-	16.2	1	59	29948
Augusta	A1465	208	-	-	19.2	0	57	29222
Augusta	A7168	218*	-	-	20.0	1	55	31581
DeKalb	DKC63-91RIB	228*	-	-	17.3	0	55	29948
DeKalb	DKC64-65RIB	217*	260	238	16.9	0	57	30492
DeKalb	DKC65-95RIB	219*	-	-	18.5	0	58	29948
DeKalb	DKC66-04RIB	210	-	-	18.4	0	58	31763
DeKalb	DKC67-94RIB	213*	243	228	19.0	0	56	29403
DeKalb	DKC68-48RIB	225*	-	-	18.4	0	57	32852
DeKalb	DKC70-27RIB	222*	260	241	20.7	0	55	29585
Dyna-Gro Seeds	D53TC23	198	-	-	17.1	0	57	28496
Dyna-Gro Seeds	D54VC14	225*	256	240	18.8	0	57	29040
Dyna-Gro Seeds	D54VC34	227*	-	-	17.7	0	58	29948
Dyna-Gro Seeds	D55VC80	213*	253	233	128.7	1	56	28496
Growmark Inc	FS 6424V RIB	222*	-	-	18.1	0	57	31944
Hubner	H13G513	237*	244	240	18.1	1	56	31037
Hubner	H4663RC2P	207	243	225	15.7	0	57	33578
Hubner	H4744RC2P	213*	249	231	17.9	1	58	32126
Hubner	H4763RC2P	236*	234	235	17.8	0	57	30492
Hubner	H4828RC2P	229*	253	241	18.5	0	59	31853
Hubner	H1880D	206	-	-	19.3	0	56	28677
Revere Seed	Revere 1307 VT2PRIB	228*	-	-	17.4	1	57	29948
Revere Seed	Revere 1707 VT2PRIB	223*	-	-	19.1	0	59	28677
Mid-Atlantic Seeds	MA8136	216*	-	-	17.3	0	56	33033
Mid-Atlantic Seeds	MA8145	229*	-	-	18.0	0	59	31763
Mid-Atlantic Seeds	MA8141	205	242	223	19.4	0	57	27951
Mid-Atlantic Seeds	MA5144	185	-	-	17.1	2	56	30492
Mid-Atlantic Seeds	MA5155	196	239	217	20.3	0	56	29222
NK Brand	NK1677-3110	164	251	207	18.3	0	56	30220
NK Brand	NK1701-3220	198	-	-	19.6	0	52	30492

Table 16. cont.

Brand	Hybrid Name	Yield (bu/ac)		2 yr avg	Moisture %	Lodging %	Test Weight (lb/bu)	Population (plants/ac)
		2022	2021					
NK Brand	NK1748-3110	191	259	225	19.9	0	54	33759
SeedKoz	MC 4311	223*	250	236	16.9	0	57	29585
SeedKoz	MC 4527	207	-	-	18.6	0	57	31218
Seedway	SW 1345TR	225*	-	-	17.6	0	57	27588
Seedway	SW 1421VT	209	-	-	17.6	0	57	32670
Seedway	SW 1579VT	216*	250	233	18.4	0	57	31037
Trial Mean		215	243	-	18.3	0	57	30492
Probability > F		0.0471	-	-	<0.0001	0.6974	<0.0001	0.6426
LSD_{0.1}		27	-	-	1.1	NS⁵	1	NS
CV%		9.9	-	-	7.2	436	2.8	9.7

¹See Table 7 for trait designations for full season hybrids.

²Yields and test weights are reported at 15% moisture content.

³Lodging is recorded as percentage of plants that are broken below the ear and/or leaning 45° or greater.

⁵NS indicates that no statistically significant difference was observed for this characteristic.

*Hybrids with an asterisk next to yield are not statistically different (Probability > F ≤ 0.1) compared to the top yielding hybrid (highlighted in blue) at this location.

Table 17. Performance of early season maturity hybrids evaluated at Lower Eastern Shore Research and Education Center – Salisbury Facility in 2022.

Brand	Hybrid Name ¹	Yield (bu/ac) ²		2 yr avg	Moisture %	Lodging ³ %	Test Weight (lb/bu)	Population (plants/ac)
		2022	2021					
DeKalb	DKC56-15RIB	224	249	236	15.0	0	57	37558
DeKalb	DKC56-26RIB	257*	-	-	14.2	0	58	40656
DeKalb	DKC57-45RIB	223	-	-	13.9	0	60	41624
DeKalb	DKC58-64RIB	225	246	235	14.9	1	61	36590
Hubner	H05G716	224	247	235	14.0	0	58	40462
Hubner	H4390RC2P	244*	262	253	16.0	0	57	41430
Hubner	H0881D	235	-	-	15.4	0	58	40075
Revere Seed	Revere 0707 DGVT2PRIB	233	-	-	14.9	0	58	40075
Mid-Atlantic Seeds	MA8039	196	257	226	13.6	0	60	39494
Mid-Atlantic Seeds	MA8042	215	240	227	14.8	0	60	39107
Pioneer⁴	P0075AM	215	-	-	14.2	0	61	42205
Pioneer	P0404AM	211	-	-	15.2	0	59	39494
Trial Mean		225	249	-	14.7	0	59	39898
Probability > F		0.0006	-	-	<0.0001	0.5464	0.0007	0.1826
LSD_{0.1}		17	-	-	0.5	NS⁵	1	NS
CV%		10.3	-	-	6.9	420	2.7	6.1

¹See Table 5 for trait designations for early season hybrids.

²Yields and test weights are reported at 15% moisture content.

³Lodging is recorded as percentage of plants that are broken below the ear and/or leaning 45° or greater.

⁴Hybrids in **bold** are checks.

⁵NS indicates that no statistically significant difference was observed for this characteristic.

Table 18. Performance of mid-season maturity hybrids evaluated at Lower Eastern Shore Research and Education Center – Salisbury Facility in 2022.

Brand	Hybrid Name ¹	Yield ² (bu/ac)		2 yr avg	Moisture %	Lodging ³ %	Test Weight (lb/bu)	Population (plants/ac)
		2022	2021					
DeKalb	DKC59-82RIB	249*	279	264	16.9	0	57	41963
DeKalb	DKC61-41RIB	256*	277	266	16.4	0	57	40269
DeKalb	DKC62-70RIB	238*	256	247	17.1	0	59	41043
Dyna-Gro Seeds	D52VC63	227	-	-	16.2	0	57	40850
Dyna-Gro Seeds	D50VC09	252*	-	-	16.4	0	56	38333
Hubner	H4321RC2P	228	261	244	15.0	0	59	38914
Hubner	H09G056	237*	-	-	16.5	1	56	39882
Revere Seed	Revere 0918 SSXRIB	242*	-	-	15.9	0	57	40075
Mid-Atlantic Seeds	MA8091	236*	269	252	16.3	0	59	36978
Mid-Atlantic Seeds	MA8108	235*	-	-	16.7	0	60	39688
Mid-Atlantic Seeds	MA8110	259*	279	269	16.7	0	59	39107
Mid-Atlantic Seeds	MA8128	219	239	229	16.3	1	58	40946
Mid-Atlantic Seeds	MA5124	214	-	-	17.8	0	59	38914
NK Brand	NK1082-5222	206	240	223	16.4	0	55	37365
Pioneer⁴	P0935AM	229	-	-	17.1	0	57	36397
Pioneer	P1289AM	226	-	-	16.4	0	59	38526
SeedKoz	MC 4161	236*	-	-	17.0	0	58	38526
Trial Mean		235	263	-	16.5	0	58	39301
Probability > F		0.0358	-	-	0.1920	0.0906	0.0025	0.1799
LSD_{0.1}		25	-	-	NS⁵	1	2	NS
CV%		10.3	-	-	9.1	321	3.2	6.1

¹See Table 7 for trait designations for mid-season hybrids.

²Yields and test weights are reported at 15% moisture content.

³Lodging is recorded as percentage of plants that are broken below the ear and/or leaning 45° or greater.

⁴Hybrids in **bold** are checks.

⁵NS indicates that no statistically significant difference was observed for this characteristic.

⁶Did not receive enough seed, entry eliminated from this location.

*Hybrids with an asterisk next to yield are not statistically different (Probability > F ≤ 0.1) compared to the top yielding hybrid (highlighted in blue) at this location.

Table 19. Performance of full season maturity hybrids evaluated at Lower Eastern Shore Research and Education Center – Salisbury Facility in 2022.

Brand	Hybrid Name ¹	Yield ² (bu/ac)		2 yr avg	Moisture %	Lodging ³ %	Test Weight (lb/bu)	Population (plants/ac)
		2022	2021					
Augusta	A1359	221	-	-	15.5	0	60	36203
Augusta	A1465	232*	-	-	18.1	0	60	39107
Augusta	A7168	220	-	-	19.3	0	58	38720
DeKalb	DKC63-91RIB	233*	-	-	16.0	0	57	37365
DeKalb	DKC64-65RIB	241*	271	256	15.5	0	58	38720
DeKalb	DKC65-95RIB	229	-	-	17.3	0	60	39301
DeKalb	DKC66-04RIB	218	-	-	18.0	2	57	34267
DeKalb	DKC67-94RIB	236*	270	253	18.1	0	57	39494
DeKalb	DKC68-48RIB	226	-	-	17.4	0	58	39107
DeKalb	DKC70-27RIB	252*	294	273	20.5	0	58	38914
Dyna-Gro Seeds	D53TC23	233*	-	-	16.0	0	59	35816
Dyna-Gro Seeds	D54VC14	237*	266	251	17.4	0	58	38914
Dyna-Gro Seeds	D54VC34	227	-	-	17.3	0	58	40075
Dyna-Gro Seeds	D55VC80	244*	269	256	17.9	0	62	38914
Growmark Inc	FS 6424V RIB	240*	-	-	18.2	0	58	37946
Hubner	H13G513	218	280	249	16.9	0	56	39107
Hubner	H4663RC2P	215	264	239	16.3	0	57	39688
Hubner	H4744RC2P	221	271	246	16.9	0	59	39301
Hubner	H4763RC2P	205	236	220	16.9	1	58	38720
Hubner	H4828RC2P	224	281	252	17.6	0	59	39494
Hubner	H1880D	218	-	-	17.2	0	58	38333
Revere Seed	Revere 1307 VT2PRIB	246*	-	-	17.0	0	57	39494
Revere Seed	Revere 1707 VT2PRIB	220	-	-	18.0	1	59	37946
Mid-Atlantic Seeds	MA8136	236*	-	-	16.8	0	58	39107
Mid-Atlantic Seeds	MA8145	215	-	-	15.7	1	58	37946
Mid-Atlantic Seeds	MA8141	204	274	240	16.0	0	59	39204
Mid-Atlantic Seeds	MA5144	206	-	-	18.2	2	54	37946
Mid-Atlantic Seeds	MA5155	198	254	226	18.5	1	58	37316

Table 19 cont.

Brand	Hybrid Name ¹	Yield ² (bu/ac)		2 yr avg	Moisture %	Lodging ³ %	Test Weight (lb/bu)	Population (plants/ac)
		2022	2021					
NK Brand	NK1677-3110	214	253	233	18.9	0	56	39688
NK Brand	NK1701-3220	184	-	-	16.8	0	54	41818
NK Brand	NK1748-3110	211	267	239	19.7	1	55	38720
SeedKoz	MC 4311	230*	266	248	16.6	0	58	39107
SeedKoz	MC 4527	217	-	-	17.7	0	59	34267
Seedway	SW 1345TR	249*	-	-	16.8	0	60	39494
Seedway	SW 1421VT	254*	-	-	18.2	0	59	38914
Seedway	SW 1579VT	249*	272	260	17.3	0	57	39774
Trial Mean		226	266	-	17.4	0	58	38545
Probability > F		0.0006	-	-	<0.0001	0.6294	0.0002	0.1133
LSD_{0.1}		24	-	-	1.2	NS⁵	2	NS
CV%		10.5	-	-	10.7	370	4.0	6.1

¹See Table 7 for trait designations for full season hybrids.

²Yields and test weights are reported at 15% moisture content.

³Lodging is recorded as percentage of plants that are broken below the ear and/or leaning 45° or greater.

⁵NS indicates that no statistically significant difference was observed for this characteristic.

*Hybrids with an asterisk next to yield are not statistically different (Probability > F ≤ 0.1) compared to the top yielding hybrid (highlighted in blue) at this location.

Table 20. Performance of early season maturity hybrids evaluated at Western Maryland Research and Education Center in 2022.

Brand	Hybrid Name ¹	Yield ² (bu/ac)		2 yr avg	Moisture %	Lodging ³ %	Test Weight (lb/bu)	Population (plants/ac)
		2022	2021					
DeKalb	DKC56-15RIB	227	168	197	17.6	1	63	29568
DeKalb	DKC56-26RIB	255*	-	-	16.5	0	65	29568
DeKalb	DKC57-45RIB	265*	-	-	16.9	0	66	32384
DeKalb	DKC58-64RIB	236	181	208	17.2	2	66	33440
Hubner	H05G716	248*	163	205	15.5	0	65	31152
Hubner	H4390RC2P	257*	199	228	19.3	0	62	31856
Hubner	H0881D	268*	-	-	18.3	0	66	30976
Revere Seed	Revere 0707 DGV2PRIB	240	-	-	16.4	1	64	29216
Mid-Atlantic Seeds	MA8039	230	154	192	15.2	1	66	29568
Mid-Atlantic Seeds	MA8042	224	197	210	15.8	1	67	30624
Pioneer⁴	P0075AM	216	-	-	16.5	1	64	30272
Pioneer	P0404AM	227	-	-	17.0	4	64	30624
Trial Mean		241	231	-	16.8	1	65	30771
Probability > F		0.0086	-	-	<0.0001	0.4589	0.2285	0.5688
LSD_{0.1}		23	-	-	0.6	NS⁵	NS	NS
CV%		8.9	-	-	7.1	7.3	3.4	7.5

¹See Table 5 for trait designations for early season hybrids.

²Yields and test weights are reported at 15% moisture content.

³Lodging is recorded as percentage of plants that are broken below the ear and/or leaning 45° or greater.

⁴Hybrids in **bold** are checks.

⁵NS indicates that no statistically significant difference was observed for this characteristic.

*Hybrids with an asterisk next to yield are not statistically different (Probability > F ≤ 0.1) compared to the top yielding hybrid (highlighted in blue) at this location.

Table 21. Performance of mid-season maturity hybrids evaluated at Western Maryland Research and Education Center in 2022.

Brand	Hybrid Name ¹	Yield ² (bu/ac)		2 yr avg	Moisture %	Lodging ³ %	Test Weight (lb/bu)	Population (plants/ac)
		2022	2021					
DeKalb	DKC59-82RIB	268*	227	247	18.1	0	63	32560
DeKalb	DKC61-41RIB	266*	232	249	18.8	0	61	31328
DeKalb	DKC62-70RIB	279*	225	252	20.3	0	63	33440
Dyna-Gro Seeds	D52VC63	294*	-	-	19.3	0	63	31504
Dyna-Gro Seeds	D50VC09	268*	-	-	18.4	4	64	28160
Growmark Inc	FS 6017V RIB	276*	224	250	18.0	3	61	29920
Growmark Inc	FS 6194V RIB	255*	-	-	18.5	0	63	32560
Growmark Inc	FS 6217T RIB	257*	-	-	20.2	1	60	32208
Hubner	H4321RC2P	252	222	237	17.5	2	63	30624
Hubner	H09G056	252	-	-	19.2	1	60	32208
Revere Seed	Revere 0918 SSXRIB	258*	-	-	18.4	2	62	32560
Mid-Atlantic Seeds	MA8091	247	218	232	19.0	0	62	29920
Mid-Atlantic Seeds	MA8108	247	-	-	18.3	0	64	30624
Mid-Atlantic Seeds	MA8110	273*	230	251	19.2	1	64	30800
Mid-Atlantic Seeds	MA8128	249	232	240	19.0	0	62	31856
Mid-Atlantic Seeds	MA5124	258*	-	-	20.9	0	62	29744
NK Brand	NK1082-5222	249	217	233	19.0	2	61	32384
Pioneer⁴	P0935AM	234	-	-	17.8	1	63	32208
Pioneer	P1289AM	260*	-	-	18.7	0	63	29920
SeedKoz	MC 4161	261*	-	-	18.9	1	62	31328
Trial Mean		260	222	-	18.9	1	62	31293
Probability > F		0.0345	-	-	<0.0001	0.4452	0.0016	0.1981
LSD_{0.1}		23	-	-	1.0	NS⁵	2	NS
CV%		7.6	-	-	5.4	242	2.4	6.5

¹See Table 7 for trait designations for mid-season hybrids.

²Yields and test weights are reported at 15% moisture content.

³Lodging is recorded as percentage of plants that are broken below the ear and/or leaning 45° or greater.

⁴Hybrids in **bold** are checks.

⁵NS indicates that no statistically significant difference was observed for this characteristic.

*Hybrids with an asterisk next to yield are not statistically different (Probability > F ≤ 0.1) compared to the top yielding hybrid (highlighted in blue) at this location.

Table 22. Performance of full season maturity hybrids evaluated at Western Maryland Research and Education Center in 2022.

Brand	Hybrid Name ¹	Yield ² (bu/ac)		2 yr avg	Moisture %	Lodging ³ %	Test Weight (lb/bu)	Population (plants/ac)
		2022	2021					
Augusta	A1359	263	-	-	20.1	1	63	30624
Augusta	A1465	268	-	-	20.2	0	63	30448
Augusta	A7168	267	-	-	23.0	1	65	30976
DeKalb	DKC63-91RIB	275	-	-	20.1	0	60	30800
DeKalb	DKC64-65RIB	255	226	240	20.5	2	60	30448
DeKalb	DKC65-95RIB	267	-	-	20.6	0	63	33440
DeKalb	DKC66-04RIB	282	-	-	20.3	0	67	32560
DeKalb	DKC67-94RIB	249	252	250	21.3	2	61	31504
DeKalb	DKC68-48RIB	246	-	-	21.2	0	60	29216
DeKalb	DKC70-27RIB	288*	261	274	22.6	1	73	32032
Dyna-Gro Seeds	D53TC23	256	-	-	19.7	0	62	33088
Dyna-Gro Seeds	D54VC14	254	251	252	21.0	3	64	32208
Dyna-Gro Seeds	D54VC34	287*	-	-	21.1	1	65	32032
Dyna-Gro Seeds	D55VC80	284*	250	267	21.3	0	60	30976
Growmark Inc	FS 6306T RIB	265	250	257	19.7	0	61	31328
Growmark Inc	FS 6424V RIB	290*	-	-	20.9	0	70	32032
Growmark Inc	FS 6595V RIB	283*	261	272	21.5	1	65	33264
Growmark Inc	FS 6217X RIB	228	-	-	19.4	2	62	30976
Growmark Inc	FS 6818V RIB	259	-	-	21.6	0	64	32384
Hubner	H13G513	262	240	251	19.5	3	61	31680
Hubner	H4663RC2P	254	220	237	20.5	0	60	31328
Hubner	H4744RC2P	255	225	240	20.9	1	63	32912
Hubner	H4763RC2P	262	256	259	20.7	0	63	31680
Hubner	H4828RC2P	254	227	240	21.2	2	63	32912
Hubner	H1880D	282*	-	-	21.7	1	68	33088
Revere Seed	Revere 1307 VT2PRIB	261	-	-	19.5	0	63	30800
Revere Seed	Revere 1707 VT2PRIB	263	-	-	21.7	0	65	32384
Mid-Atlantic Seeds	MA8136	268	-	-	21.0	0	64	32560
Mid-Atlantic Seeds	MA8145	270	-	-	20.3	0	65	30800
Mid-Atlantic Seeds	MA8141	258	234	246	21.7	0	62	33968
Mid-Atlantic Seeds	MA5144	266	-	-	21.4	0	61	29920
Mid-Atlantic Seeds	MA5155	255	213	234	22.4	0	69	31504

Table 22 cont.

Brand	Hybrid Name ¹	Yield ² (bu/ac)		2 yr avg	Moisture %	Lodging ³ %	Test Weight (lb/bu)	Population (plants/ac)
		2022	2021					
NK Brand	NK1677-3110	254	218	236	20.8	1	64	30800
NK Brand	NK1701-3220	250	-	-	21.2	1	59	31504
NK Brand	NK1748-3110	261	217	239	22.3	0	64	30624
SeedKoz	MC 4311	268	218	243	19.2	0	63	30976
SeedKoz	MC 4527	272*	-	-	20.3	2	63	31856
Seedway	SW 1345TR	271*	-	-	19.2	0	65	29568
Seedway	SW 1421VT	292*	-	-	20.5	0	68	32208
Seedway	SW 1579VT	279*	244	261	21.6	0	62	32384
Trial Mean		265	236	-	20.8	0	64	31645
Probability > F		0.0005	-	-	<0.0001	0.1170	0.0219	0.7017
LSD_{0.1}		21	-	-	1.0	NS⁵	5	NS
CV%		7.0	-	-	5.6	263	6.7	6.3

¹See Table 7 for trait designations for full season hybrids.

²Yields and test weights are reported at 15% moisture content.

³Lodging is recorded as percentage of plants that are broken below the ear and/or leaning 45° or greater.

⁵NS indicates that no statistically significant difference was observed for this characteristic.

*Hybrids with an asterisk next to yield are not statistically different (Probability > F ≤ 0.1) compared to the top yielding hybrid (highlighted in blue) at this location.

Table 23. Performance of early season maturity hybrids evaluated at Central Maryland Research and Education Center – Clarksville Facility in 2022.

Brand	Hybrid Name ¹	Yield ² (bu/ac)		2 yr avg	Moisture %	Lodging ³ %	Test Weight (lb/bu)	Population (plants/ac)
		2022	2021					
DeKalb	DKC56-15RIB	163	209	186	15.3	15	67	25608
DeKalb	DKC56-26RIB	188	-	-	14.8	4	68	31944
DeKalb	DKC57-45RIB	140	-	-	14.5	22	70	29040
DeKalb	DKC58-64RIB	198	229	213	15.4	2	68	31944
Hubner	H05G716	68	211	139	14.2	20	67	23232
Hubner	H4390RC2P	196	232	214	16.4	7	67	29304
Hubner	H0881D	157	-	-	14.0	8	68	29920
Revere Seed	Revere 0707 DGVT2PRIB	187	-	-	14.4	5	69	30360
Mid-Atlantic Seeds	MA8039	145	203	174	14.2	110	68	17688
Pioneer⁴	P0075AM	137	-	-	14.2	10	67	26400
Trial Mean		160	220	-	14.7	20	68	27650
Probability > F		0.2409	-	-	0.0011	0.6527	0.0151	0.6805
LSD_{0.1}		NS⁵	-	-	0.6	NS	1	NS
CV%		30.3	-	-	5.7	242	1.3	25.0

¹See Table 5 for trait designations for early season hybrids.

²Yields and test weights are reported at 15% moisture content.

³Lodging is recorded as percentage of plants that are broken below the ear and/or leaning 45° or greater.

⁴Hybrids in **bold** are checks.

⁵NS indicates that no statistically significant difference was observed for this characteristic.

*Hybrids with an asterisk next to yield are not statistically different (Probability > F ≤ 0.1) compared to the top yielding hybrid (highlighted in blue) at this location.

Table 24. Performance of mid-season maturity hybrids evaluated at Central Maryland Research and Education Center – Clarksville Facility in 2022.

Brand	Hybrid Name ¹	Yield ² (bu/ac)		2 yr avg	Moisture %	Lodging ³ %	Test Weight (lb/bu)	Population (plants/ac)
		2022	2021					
DeKalb	DKC59-82RIB	205	239	222	15.6	3	67	30448
DeKalb	DKC61-41RIB	194	238	216	16.1	0	64	32736
DeKalb	DKC62-70RIB	221	254	237	17.0	0	70	34848
Dyna-Gro Seeds	D52VC63	187	-	-	17.5	1	65	32736
Dyna-Gro Seeds	D50VC09	208	-	-	15.4	1	66	32736
Growmark Inc	FS 6017V RIB	187	252	219	15.1	5	66	28160
Growmark Inc	FS 6194V RIB	151	-	-	15.7	5	66	27984
Growmark Inc	FS 6217T RIB	199	-	-	16.2	3	67	31152
Hubner	H4321RC2P	204	240	222	16.3	2	67	30976
Hubner	H09G056	217	-	-	15.5	6	66	32208
Revere Seed	Revere 0918 SSXRIB	200	-	-	15.8	0	67	31856
Mid-Atlantic Seeds	MA8091	205	236	220	16.6	3	68	30272
Mid-Atlantic Seeds	MA8108	221	-	-	16.6	0	68	31680
Mid-Atlantic Seeds	MA8110	226	266	246	16.9	1	68	32208
Mid-Atlantic Seeds	MA8128	213	239	226	17.1	5	66	31856
Mid-Atlantic Seeds	MA5124	198	-	-	16.9	2	67	31680
NK Brand	NK1082-5222	232	227	229	17.9	0	65	33440
Pioneer⁴	P0935AM	199	-	-	15.9	1	67	31152
Pioneer	P1289AM	219	-	-	16.5	0	68	32560
SeedKoz	MC 4161	205	-	-	16.0	3	67	30976
Trial Mean		205	239	-	16.3	2	67	31564
Probability > F		0.4379			0.0663	0.6599	0.2194	0.0094
LSD_{0.1}		NS⁵			1.3	NS	NS	2458
CV%		15.7			6.8	196	3.1	6.9

¹See Table 7 for trait designations for mid-season hybrids.

²Yields and test weights are reported at 15% moisture content.

³Lodging is recorded as percentage of plants that are broken below the ear and/or leaning 45° or greater.

⁴Hybrids in **bold** are checks.

⁵NS indicates that no statistically significant difference was observed for this characteristic.

*Hybrids with an asterisk next to yield are not statistically different (Probability > F ≤ 0.1) compared to the top yielding hybrid (highlighted in blue) at this location.

Table 25. Performance of full season maturity hybrids evaluated at Central Maryland Research and Education Center – Clarksville Facility in 2022.

Brand	Hybrid Name ¹	Yield ² (bu/ac)		2 yr avg	Moisture %	Lodging ³ %	Test Weight (lb/bu)	Population (plants/ac)
		2022	2021					
Augusta	A1359	225	-	-	17.5	0	65	33792
Augusta	A1465	228	-	-	18.5	0	65	33088
Augusta	A7168	222	-	-	20.6	0	62	33968
DeKalb	DKC63-91RIB	214	-	-	16.5	0	64	32384
DeKalb	DKC64-65RIB	214	235	224	18.8	0	63	33264
DeKalb	DKC65-95RIB	227	-	-	17.7	1	69	31856
DeKalb	DKC66-04RIB	230	-	-	18.8	0	64	32560
DeKalb	DKC67-94RIB	246	259	252	18.3	0	66	31328
DeKalb	DKC68-48RIB	231	-	-	20.2	0	63	33440
DeKalb	DKC70-27RIB	233	251	242	22.0	0	61	32384
Dyna-Gro Seeds	D53TC23	235	-	-	17.7	0	64	32912
Dyna-Gro Seeds	D54VC14	214	250	232	17.4	0	66	32384
Dyna-Gro Seeds	D54VC34	217	-	-	17.8	0	66	31680
Dyna-Gro Seeds	D55VC80	234	273	253	18.2	0	64	34320
Growmark Inc	FS 6306T RIB	230	253	241	16.4	0	66	31856
Growmark Inc	FS 6424V RIB	239	-	-	19.7	0	63	34496
Growmark Inc	FS 6595V RIB	202	252	227	18.7	0	62	31328
Growmark Inc	FS 6217X RIB	232	-	-	19.6	0	63	33616
Growmark Inc	FS 6818V RIB	227	-	-	21.0	0	63	32384
Hubner	H13G513	218	265	241	16.3	0	64	32032
Hubner	H4663RC2P	237	248	242	19.1	0	62	32560
Hubner	H4744RC2P	203	232	217	17.6	0	65	33088
Hubner	H4763RC2P	236	246	241	17.3	0	65	31856
Hubner	H4828RC2P	222	247	234	17.9	0	65	33440
Hubner	H1880D	233	-	-	18.2	0	64	31856
Revere Seed	Revere 1307 VT2PRIB	231	-	-	17.3	0	64	32384
Revere Seed	Revere 1707 VT2PRIB	224	-	-	20.3	0	65	33088
Mid-Atlantic Seeds	MA8136	237	-	-	18.8	1	64	34584
Mid-Atlantic Seeds	MA8145	212	-	-	17.7	1	64	31152
Mid-Atlantic Seeds	MA8141	227	245	236	19.4	0	64	31504
Mid-Atlantic Seeds	MA5144	236	-	-	20.5	0	61	31328
Mid-Atlantic Seeds	MA5155	223	245	234	20.7	0	64	32912

Table 25. cont.

Brand	Hybrid Name ¹	Yield ² (bu/ac)		2 yr avg	Moisture %	Lodging ³ %	Test Weight (lb/bu)	Population (plants/ac)
		2022	2021					
NK Brand	NK1677-3110	212	226	219	19.6	0	62	30272
NK Brand	NK1701-3220	231	-	-	20.5	0	60	32736
NK Brand	NK1748-3110	192	241	218	19.3	0	61	33616
SeedKoz	MC 4311	224	252	238	16.7	0	67	29744
SeedKoz	MC 4527	231	-	-	19.4	0	64	31152
Seedway	SW 1345TR	216	-	-	17.6	0	64	32384
Seedway	SW 1421VT	226	-	-	17.8	0	65	33968
Seedway	SW 1579VT	233	255	244	19.3	0	62	31152
Trial Mean		225	247	-	18.7	0	64	32467
Probability > F		0.1864	-	-	<0.0001	0.3107	0.0027	0.8062
LSD_{0.1}		NS⁵	-	-	1.7	NS	3	NS
CV%		8.5	-	-	9.1	623	3.7	6.5

¹See Table 7 for trait designations for full season hybrids.

²Yields and test weights are reported at 15% moisture content.

³Lodging is recorded as percentage of plants that are broken below the ear and/or leaning 45° or greater.

⁵NS indicates that no statistically significant difference was observed for this characteristic.

*Hybrids with an asterisk next to yield are not statistically different (Probability > F ≤ 0.1) compared to the top yielding hybrid (highlighted in blue) at this location.

Table 26. Relative yield scores for early season hybrids evaluated in 2022. Hybrids with scores 100 or greater at four or more locations are considered to have good stability.

Brand	Hybrid Name	Relative Yield					
		Avg. 5 Sites	Wye	Poplar Hill	Salisbury	Clarksville	Keedysville
DeKalb	DKC56-15RIB	96	95	92	100	103	94
DeKalb	DKC56-26RIB	113	115	112	114	118	106
DeKalb	DKC57-45RIB	105	111	104	99	88	110
DeKalb	DKC58-64RIB	100	90	97	100	125	98
Hubner	H05G716	91	93	101	100	43	103
Hubner	H4390RC2P	108	107	101	109	124	107
Hubner	H0881D	107	109	112	104	99	111
Revere Seed	Revere 0707 DGV2PRIB	106	105	106	103	118	99
Mid-Atlantic Seeds	MA8039	93	96	94	87	91	96
Mid-Atlantic Seeds	MA8042	94	94	95	96	-	93
Pioneer¹	P0075AM	92	94	93	96	86	90
Pioneer	P0404AM	93	90	93	94	-	94
Trial Mean (bu/ac)		214	210	209	225	160	241

¹Hybrids in **bold** are checks included with funding from Maryland Grain Producers Utilization Board
Hybrids highlighted in **green** have relative yield ratings of 100 or greater at all sites
Hybrid highlighted in **yellow** have relative yield ratings of 100 or greater at four testing sites

Table 27. Relative yield scores for mid-season hybrids evaluated in 2022. Hybrids with scores 100 or greater at four or more locations are considered to have good stability.

Brand	Hybrid Name	Relative Yield					
		Avg. 5 Sites	Wye	Poplar Hill	Salisbury	Clarksville	Keedysville
DeKalb	DKC59-82RIB	104	104	108	106	100	103
DeKalb	DKC61-41RIB	103	105	99	109	95	102
DeKalb	DKC62-70RIB	106	113	101	101	108	107
Dyna-Gro Seeds	D52VC63	100	95	106	97	91	113
Dyna-Gro Seeds	D50VC09	105	104	110	107	101	103
Growmark Inc	FS 6017V RIB	99	-	-	-	91	106
Growmark Inc	FS 6194V RIB	86	-	-	-	74	98
Growmark Inc	FS 6217T RIB	98	-	-	-	97	99
Hubner	H4321RC2P	98	99	99	97	100	97
Hubner	H09G056	102	102	105	101	106	97
Revere Seed	Revere 0918 SSXRIB	99	98	95	103	97	99
Mid-Atlantic Seeds	MA8091	98	96	96	101	100	95
Mid-Atlantic Seeds	MA8108	100	98	98	100	108	95
Mid-Atlantic Seeds	MA8110	106	103	101	110	110	105
Mid-Atlantic Seeds	MA8128	97	95	98	93	104	96
Mid-Atlantic Seeds	MA5124	94	92	89	91	97	99
NK Brand	NK1082-5222	100	100	101	88	113	96
Pioneer¹	P0935AM	94	-	93	98	97	90
Pioneer	P1289AM	101	101	102	96	107	100
SeedKoz	MC 4161	100	98	101	100	100	101
Trial Mean (bu/ac)		229	222	219	235	205	260

¹Hybrids in **bold** are checks included with funding from Maryland Grain Producers Utilization Board
Hybrids highlighted in **green** have relative yield ratings of 100 or greater at all sites
Hybrid highlighted in **yellow** have relative yield ratings of 100 or greater at four testing sites

Table 28. Relative yield scores for full season hybrids evaluated in 2022. Hybrids with scores 100 or greater at four or more locations are considered to have good stability.

Brand	Hybrid Name	Relative Yield					
		Avg. 5 Sites	Wye	Poplar Hill	Salisbury	Clarksville	Keedysville
Augusta	A1359	101	102	106	98	100	99
Augusta	A1465	100	99	97	103	101	101
Augusta	A7168	99	99	101	97	98	101
DeKalb	DKC63-91RIB	101	99	106	103	95	104
DeKalb	DKC64-65RIB	100	104	101	107	95	96
DeKalb	DKC65-95RIB	102	107	102	101	101	101
DeKalb	DKC66-04RIB	100	97	98	96	102	106
DeKalb	DKC67-94RIB	103	109	99	104	109	94
DeKalb	DKC68-48RIB	99	95	105	100	103	93
DeKalb	DKC70-27RIB	105	97	103	111	104	109
Dyna-Gro Seeds	D53TC23	101	107	92	103	105	97
Dyna-Gro Seeds	D54VC14	101	107	105	105	95	96
Dyna-Gro Seeds	D54VC34	102	98	106	100	97	108
Dyna-Gro Seeds	D55VC80	104	104	99	108	104	107
Growmark Inc	FS 6306T RIB	101	-	-	-	102	100
Growmark Inc	FS 6424V RIB	107	108	103	106	106	109
Growmark Inc	FS 6595V RIB	98	-	-	-	90	107
Growmark Inc	FS 6217X RIB	95	-	-	-	103	86
Growmark Inc	FS 6818V RIB	99	-	-	-	101	98
Hubner	H13G513	101	101	110	97	97	99
Hubner	H4663RC2P	99	101	96	95	105	96
Hubner	H4744RC2P	97	99	99	98	90	96
Hubner	H4763RC2P	101	100	110	91	105	99
Hubner	H4828RC2P	100	100	107	99	99	96
Hubner	H1880D	104	118	96	96	104	107
Revere Seed	Revere 1307 VT2PRIB	103	100	106	109	103	98
Revere Seed	Revere 1707 VT2PRIB	99	97	104	97	99	99
Mid-Atlantic Seeds	MA8136	103	104	100	104	105	101
Mid-Atlantic Seeds	MA8145	101	105	107	95	94	102
Mid-Atlantic Seeds	MA8141	97	100	95	90	101	97
Mid-Atlantic Seeds	MA5144	95	94	86	91	105	100
Mid-Atlantic Seeds	MA5155	93	93	91	88	99	96

Table 28. cont.

Brand	Hybrid Name	Relative Yield					
		Avg. 5 Sites	Wye	Poplar Hill	Salisbury	Clarksville	Keedysville
NK Brand	NK1677-3110	91	89	76	95	94	96
NK Brand	NK1701-3220	93	97	92	82	103	94
NK Brand	NK1748-3110	90	84	89	93	85	98
SeedKoz	MC 4311	102	101	104	102	99	101
SeedKoz	MC 4527	99	98	96	96	103	103
Seedway	SW 1345TR	102	99	105	110	96	102
Seedway	SW 1421VT	104	97	97	113	101	110
Seedway	SW 1579VT	104	100	100	110	104	105
Trial Mean (bu/ac)		231	220	216	226	225	265

Hybrids highlighted in **green** have relative yield ratings of 100 or greater at all sites

Hybrid highlighted in **yellow** have relative yield ratings of 100 or greater at four testing sites