



## 2024 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 2024 were entered by participating seed companies, listed in Table 2, that were solicited for submission of hybrids. These hybrids are mostly currently available for purchase, but there is the potential that some experimental lines which are still under evaluation have been included. Select Pioneer, Dekalb, and Agrigold 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 2024, 50 hybrids were tested using three maturity groups: early season (8 hybrids, Table 5), mid-season (17 hybrids, Table 6), and full season (25 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 at all locations. 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 20 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 and harvest moisture 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 weight was recorded but not reported. Animal damage was noted in plots at some locations, though care is taken at each test location to minimize animal damage to plots. To systematically remove outliers in the data, across all locations plots with yields that were less than or greater than two standard deviations from the location mean were removed from the dataset. Where two replicates of a location were removed at a location, leaving only one replicate, the entry was removed from the dataset completely, as an average yield value could not be calculated.

### 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 14-28. The agronomic characteristics reported are yield, in bushels per acre corrected to 15% moisture content, harvest moisture content, percent lodging, and harvest population. Drought conditions throughout the growing season impacted yields at the dryland locations this year. Yields averaged across the five locations for early (8), mid- (17), and full-season (25) varieties at 189 bu/ac, 205 bu/ac, and 202 bu/ac, respectively, and these

yields were all well-below observed yields from 2023: -30 bu/ac, -22 bu/ac, and -28 bu/ac for early, mid-, and full-season maturity groups.

A least significant difference (LSD) value is reported for each test where statistically significant differences ( $P \leq 0.1$ ) for yield 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. Despite some CV values above 10% this year, significant yield differences were observed across the test locations.

### 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 four locations, relative yield tables (Tables 11-13) are included. Relative yield is the ratio of the yield of a hybrid within maturity group at a location to the mean yield of all the hybrids within maturity group 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 2024, seven hybrids met this standard: Dekalb DKC56-26 (early), Augusta A2060 (mid), Augusta A2365 (full), Dekalb DKC113-83 (full), Dekalb DKC66-06 (full), Dekalb DKC68-35 (full), and Seedway SW 1661SS (full). Eleven hybrids (1 early, 8 mid-season, 2 full-season) had relative yield greater than 100 at four locations, a mark of good stability.

### Acknowledgments

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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 2024 Maryland Corn Hybrid Test

Location	Soil Type and Previous Crop	Fertilizer	Herbicides & Insecticides		Plant and Harvest Dates	Farm Staff
Wye R&E Center Queenstown, MD	Nassawango silt loam  Double-crop soybeans and cover crop	<u>10 April:</u> 177 lb/ac @ 4-20-37 <u>2 May:</u> 8-20-5 @ 9 gal/ac <u>31 May:</u> 61 gal/ac @ UAN	<u>17 April Pre-Plant:</u> Sunphosate @ 24 oz/ac Transform Plus @ 1 qt/100 gal	<u>6 May Pre-Emerge:</u> Atrazine 4L @ 1 qt/ac Corvus @ 5.6 oz/ac Transform Plus @ 1 qt/100 gal Simazine 4L @ 1 qt/ac	<u>Plant</u> 1 May  <u>Harvest</u> 17 September	John Draper  Thomas Eason  Reagan Milby
Lower Eastern Shore R&E Center Salisbury Facility Salisbury, MD	Fort Mott loamy sand  Soybean	<u>15 April:</u> 390 lb/ac as 9-0-35-9S <u>23 May:</u> 98 lb/ac as 30% UAN <u>3 June:</u> 98 lb/ac as 30% UAN <u>Total:</u> 261-8-141-41S-0.4Zn-0.3B	<u>9 April Pre-Plant:</u> Gramoxone @ 1 qt/ac 2,4-D @ 1 pt/ac 80/20 Scanner @ 6 oz/ac <u>3 May Pre-Emerge:</u> LexarEZ @ 3 qt/ac	<u>29 May Post-Emerge:</u> Halex GT @ 2 qt/ac Weather Gard @ 8 oz/ac Atrazine 4L @ 1 pt/ac	<u>Plant</u> 2 May  <u>Harvest</u> 3 October	David Armentrout  Vivian Calder  David Long  James Lynch  Jordan Miller
Lower Eastern Shore R&E Center Poplar Hill Facility Quantico, MD	Mattapex silt loam  Soybean	<u>16 April:</u> 390 lb/ac as 9.1-0-36-9S <u>6 June:</u> 51 gal/ac as 30% UAN <u>Total:</u> 229-7-141-40S-0.5Zn-0.3B	<u>8 April Pre-Plant:</u> Gramoxone @ 1 qt/ac 2,4-D @ 16 oz/ac 80/20 Scanner @ 6 oz/ac <u>3 May Pre-Emerge:</u> LexarEZ @ 3 qt/ac Weather Gard @ 13.5 oz/ac	<u>3 June Post-Emerge:</u> Halex GT @ 2 qt/ac Weather Gard @ 8 oz/ac Atrazine 4L @ 16 oz/ac	<u>Plant</u> 2 May  <u>Harvest</u> 3 October	David Armentrout  Vivian Calder  Cody Hall  Jordan Miller
Central Maryland R&E Center Clarksville Facility Clarksville, MD	Glenelg loam  Soybeans	<u>14 May:</u> 60-30-60-15-0.5B-1Zn 20 gal/ac as 30% UAN <u>25 June:</u> 60-0-30-15 <u>Total:</u> 185-30-90-30S-0.5B-1Zn	<u>16 April Pre-Plant:</u> 2-4D LV4 @ 1 qt/ac Round-Up @ 1 qt/ac Surfactant @ 1 qt/100 gal	<u>14 May Pre-Emerge:</u> Acuron @ 2.5 qt/ac Atrazine @ 1 qt/ac Gramoxone @ 1 qt/ac Surfactant @ 1 qt/100 gal	<u>Plant</u> 14 May  <u>Harvest</u> 16 October	Ryan McDonald  Michael Gray
Western Maryland R&E Center Keedysville, MD	Swanpond – Funkstown silt loam  Soybeans	<u>18 April:</u> 50-35-60-15S <u>9 May:</u> 40 gal/ac as 30% UAN	<u>9 May Pre-Plant:</u> Acuron @ 2.5 qt/ac Atrazine 4L @ 1 qt/ac Weedone LV4 @ 1pt/ac Helmquat 3SL @ 1.5 pt/ac	<u>11 June Post Emerge:</u> Roundup PowerMax3 @ 24 oz/ac	<u>Plant</u> 17 May  <u>Harvest</u> 17 October	Douglas Price  David Wyand

Table 2. Brands and companies in the 2024 Maryland corn hybrid trials

Brand	Address
AgriGold	1122 East 169th Street, Westfield, IN 46074 www.agrigold.com
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
Mid-Atlantic Seeds	Mid-Atlantic Seeds, 316 N Albemarle St., York, PA 17402 www.midatlanticseeds.com
Pioneer	DuPont-Pioneer, PO Box 1000, Johnston, IA 50131 www.pioneer.com
Revere Seed	Revere Seed, 2940 Reach Road, Williamsport, PA 17701 www.revereseed.com
Seedway	1734 Railroad Pl, Hall, NY 14463 www.seedway.com

Table 3. Precipitation received in 2024 at Maryland locations of corn hybrid trials

Month	Wye	Poplar Hill	Salisbury <sup>1</sup>	Keedysville <sup>3</sup>	Clarksville
	inches				
April	4.96	1.05	1.03	3.85	3.48
May	1.37	3.91	3.93 (0.6)	0.03	3.15
June	2.61	8.17	3.27 (2.5)	1.70	3.06
July	3.83	1.15	5.38 (1.1)	2.04	2.53
August	2.69	5.56	2.95 (0.8)	6.93	9.00
September	4.06	2.68	1.26	-	3.81
<b>2024 Total (6 mos.)</b>	<b>19.52</b>	<b>22.52</b>	<b>17.82</b>	<b>NA<sup>3</sup></b>	<b>25.03</b>
<b>Long Term Average<sup>2</sup></b>	<b>27.17</b>	<b>23.11</b>	<b>25.12</b>	<b>20.28</b>	<b>20.08</b>

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

<sup>2</sup>Long term average precipitation is for the following number of years at each location: Wye=25; Poplar Hill = 24; Salisbury = 35; Keedysville = 44; Clarksville =15

<sup>3</sup>Incomplete precipitation data collection at this location

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

<b>Abbreviation</b>	<b>Description</b>
Acceleron (A)	Seed treatment for nematode and insect protection and soil/seed-borne fungal pathogens with the number referring to the concentration of the insecticide used
BT	Contains a <i>Bacillus thuringiensis</i> (Bt) event for protection against European corn borer
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
DV	Duricide Viptera trait
LL (Liberty Link)	Refers to glufosinate (Liberty) herbicide tolerance
Lumigen	Pioneer proprietary seed treatment
Lumiscend Pro	Fungicide seed treatment formulated to protect against damping off, seedling blight, as well as seed and root rot caused by <i>Pythium</i> , <i>Fusarium</i> , and <i>Rhizoctonia solani</i> .
PCE	Powercore trait with tolerance to 2,4-d, glyphosate, and glufosinate (Enlist E3)
Poncho 500	An insecticide seed treatment with the number referring to the concentration of the insecticide used.
PWE	Powercore trait with tolerance to 2,4-d, glyphosate, and glufosinate (Enlist E3)
RA	Refuge Advanced, refuge in bag option
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
SS (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
Vayantis	Fungicide seed treatment to protect against <i>pythium</i> and <i>phytophthora</i>
Vibrance Vayantis (VV)	Systemic fungicide seed treatment developed to protect corn from damping off disease caused by <i>Pythium</i>
Viptera (VIP)	Control of corn earworm and effective western bean cutworm control
VT2P, VT2PRO	Contains RR2 gene and YieldGard corn stalk borer gene
VT2PRIB	Contains RR2 gene and YieldGard corn stalk borer gene and non-Bt seed blended in the bag creating refuge in the bag
VT4P	Trecepta plus RNAi Technology, to help manage corn rootworm plus RR 2

Table 5. Relative maturity, genetic traits, and seed treatments for early-season hybrids tested in 2024. Check varieties are bolded.

<u>Brand</u>	<u>Hybrid Name</u>	<u>Relative Maturity</u>	<u>Genetic Traits</u>	<u>Seed Treatment</u>
<b>AgriGold</b>	<b>A636-43</b>	<b>106</b>	<b>VT2RIB</b>	<b>Accelaron</b>
Dekalb	DKC106-98RIB	106	VT4P	A1250
<b>Dekalb</b>	<b>DKC56-26RIB</b>	<b>106</b>	<b>TRE</b>	<b>A500</b>
Mid-Atlantic Seed	MA6032PCE	103	PCE	CVV250
Mid-Atlantic Seed	MA6065PWE	106	PWE	CVV250
Mid-Atlantic Seed	MA8042VT2PRIB	103	VT2PRIB	A250
<b>Pioneer</b>	<b>P0075AM</b>	<b>100</b>	<b>RR 2, Liberty Link</b>	<b>LumiGEN</b>
Revere	0518 VT2P	105	CB BT/ Liberty Link	Radius 500

Table 6. Relative maturity, genetic traits, and seed treatments for mid-season hybrids tested in 2024.  
Check varieties are bolded.

<u>Brand</u>	<u>Hybrid Name</u>	<u>Relative Maturity</u>	<u>Genetic Traits</u>	<u>Seed Treatment</u>
Augusta	A2060	110	PWE	C250
Dekalb	DKC110-10RIB	110	SS	A500
<b>Dekalb</b>	<b>DKC110-41RIB</b>	<b>110</b>	<b>TRE</b>	<b>A500</b>
Dekalb	DKC111-35RIB	111	VT2PRIB	A500
Dyna-Gro	D49PN05RA	109	PCE	Lumiscend Pro
Dyna-Gro	D51VC95RIB	111	VT2P	A500V
FS	FS 5835V RIN	108	VT2P RIB	PONCHO 500
FS	FS 6107T RIB	111	TRECEPTA	PONCHO 500
Mid-Atlantic Seeds	MA6094PCE	109	PCE	CVV250
Mid-Atlantic Seeds	MA6120PWE	112	PWE	CVV250
Mid-Atlantic Seeds	MA8091VT2PRIB	109	VT2PRIB	A250
Mid-Atlantic Seeds	MA8110TRECRI	111	TRECRI	A250
Mid-Atlantic Seeds	8126VT2PRIB	112	VT2PRIB	A250
<b>Pioneer</b>	<b>P0732Q</b>	<b>107</b>	<b>RR 2, Liberty Link</b>	<b>LumiGEN minus Lumivia</b>
<b>Pioneer</b>	<b>P1136AM</b>	<b>111</b>	<b>RR 2, Liberty Link</b>	<b>LumiGEN</b>
Revere	0918 VT2P	109	CB, BT/ Liberty Link	Radius 500
Seedway	SW 1234VT	112	Double Pro	Poncho 500



Table 7. Relative maturity, genetic traits, and seed treatments for full-season hybrids tested in 2024. Check varieties are bolded.

<u>Brand</u>	<u>Hybrid Name</u>	<u>Relative Maturity</u>	<u>Genetic Traits</u>	<u>Seed Treatment</u>
<b>AgriGold</b>	<b>A643-52VT2RIB</b>	<b>113</b>	<b>RR2</b>	<b>Acceleron</b>
Augusta	A2365	115	VT2P	C250
Dekalb	DKC113-83RIB	113	TRE	A500
<b>Dekalb</b>	<b>DKC64-22RIB</b>	<b>114</b>	<b>VT2PRIB</b>	<b>A500</b>
<b>Dekalb</b>	<b>DKC66-06RIB</b>	<b>116</b>	<b>TRE</b>	<b>A500</b>
Dekalb	DKC68-35RIB	118	VT2P	A500
FS	FS 6445V RIB	114	VT2P RIB	Poncho 500
FS	FS 6549PC RA	115	PWE RA	Poncho 500
Mid-Atlantic Seeds	MA5137DV	113	DV	CVV250
Mid-Atlantic Seeds	MA6131PWE	113	PWE	CVV250
Mid-Atlantic Seeds	MA6148PCE	114	PCE	CVV250
Mid-Atlantic Seeds	MA6153PCE	115	PCE	CVV250
Mid-Atlantic Seed	MA8136DGVT2PRIB	113	VT2PRIB	A250
Mid-Atlantic Seed	MA8141DGVT2PRIB	114	VT2PRIB	A250
Mid-Atlantic Seed	MA8142VT2PRIB	114	VT2PRIB	A250
Mid-Atlantic Seed	MA8154VT2PRIB	115	VT2PRIB	A250
Mid-Atlantic Seed	MA8199TRERIB	119	TRECRIB	A250
<b>Pioneer</b>	<b>P1608AM</b>	<b>116</b>	<b>RR2, Liberty Link</b>	<b>LumiGEN</b>
Revere	113-T42	113	CB BT, Liberty Link, VIP	Radius 500
Revere	1307 TC	113	CB BT, Liberty Link, VIP	Radius 500
Revere	1627 TC	116	CB BT, Liberty Link, VIP	Radius 500
Revere	1839 TC	118	CB BT, Liberty Link, VIP	Radius 500
Seedway	SW 1345TR	113	TRECEPTA	Poncho 500
Seedway	SW 1600VT	116	Double Pro	Poncho 500
Seedway	SW 1661SS	116	SmartStax	Poncho 500

Table 8. Average performance of early maturity hybrids evaluated at five locations in 2024.

Brand	Hybrid Name <sup>1</sup>	Yield <sup>2</sup> (bu/ac)		2 yr avg	Moisture %	Lodging <sup>3</sup> %
		2024	2023			
<b>AgriGold</b>	<b>A636-43</b>	<b>201*</b>	-	-	<b>20.0</b>	<b>0.2</b>
Dekalb	DKC106-98RIB	205*	-	-	19.7	0
<b>Dekalb</b>	<b>DKC56-26RIB</b>	<b>197*</b>	<b>232</b>	<b>215</b>	<b>18.5</b>	<b>0.4</b>
Mid-Atlantic Seed	MA6032PCE	192*	-	-	19.2	0
Mid-Atlantic Seed	MA6065PWE	168	-	-	19.4	0
Mid-Atlantic Seed	MS8042VT2PRIB	177	-	-	18.4	0.1
<b>Pioneer</b>	<b>P0075AM</b>	<b>175</b>	<b>188</b>	<b>182</b>	<b>18.3</b>	<b>0.3</b>
Revere	0518 VT2P	192*	-	-	19.3	0
<b>Trial Mean (5 Locations)</b>		<b>189</b>	<b>219</b>	-	<b>19.1</b>	<b>0.1</b>
<b>Probability &gt; F</b>		<b>&lt;0.0001</b>	-	-	-	-
<b>LSD<sub>0.1</sub></b>		<b>14</b>	-	-	-	-

<sup>1</sup>See Table 5 for trait designations for early season hybrids; Hybrids in **bold** are checks included with funding from Maryland Grain Producers Utilization Board.

<sup>2</sup>Yields are reported at 15% moisture content.

<sup>3</sup>Lodging 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 9. Average performance of mid-season maturity hybrids evaluated at five locations in 2024.

Brand	Hybrid Name <sup>1</sup>	Yield <sup>2</sup> (bu/ac)		2 yr avg	Moisture %	Lodging <sup>3</sup> %
		2024	2023			
Augusta	A2060	213*	-	-	20.5	0
Dekalb	DKC110-10RIB	185	-	-	20.7	0
<b>Dekalb</b>	<b>DKC110-41RIB</b>	<b>214*</b>	-	-	<b>20.3</b>	<b>0.5</b>
Dekalb	DKC111-35RIB	217*	239	228	20.4	0
Dyna-Gro	D49PN05RA	211*	-	-	20.1	0
Dyna-Gro	D51VC95RIB	193	-	-	21.7	0.6
FS	FS 5835V RIN	184	-	-	20.7	0.9
FS	FS 6107T RIB	195	-	-	20.5	1.1
Mid-Atlantic Seeds	MA6094PCE	214*	-	-	20.4	0.3
Mid-Atlantic Seeds	MA6120PWE	217*	-	-	21.7	0.1
Mid-Atlantic Seeds	MA8091VT2PRIB	196	-	-	21.4	0.4
Mid-Atlantic Seeds	MA8110TRECRIB	214*	226	220	20.4	0
Mid-Atlantic Seeds	MA8126VT2PRIB	202	-	-	21.7	0.6
<b>Pioneer</b>	<b>P0732Q</b>	<b>200</b>	<b>229</b>	<b>215</b>	<b>19.9</b>	<b>0.6</b>
<b>Pioneer</b>	<b>P1136AM</b>	<b>208*</b>	<b>228</b>	<b>218</b>	<b>21.0</b>	<b>0</b>
Revere	0918 VT2P	205*	223	214	20.4	0
Seedway	SW 1234VT	219*	-	-	21.9	1.4
<b>Trial Mean (5 Locations)</b>		<b>205</b>	<b>227</b>	-	<b>20.8</b>	<b>0.4</b>
<b>Probability &gt; F</b>		<b>&lt;0.0001</b>	-	-	-	-
<b>LSD<sub>0.1</sub></b>		<b>14</b>	-	-	-	-

<sup>1</sup>See Table 6 for trait designations for mid-season hybrids; Hybrids in **bold** are checks included with funding from Maryland Grain Producers Utilization Board.

<sup>2</sup>Yields are reported at 15% moisture content.

<sup>3</sup>Lodging 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 10. Average performance of full-season maturity hybrids evaluated at five locations in 2024.

Brand	Hybrid Name <sup>1</sup>	Yield <sup>2</sup> (bu/ac)		2 yr avg	Moisture %	Lodging <sup>3</sup> %
		2024	2023			
<b>AgriGold</b>	<b>A643-52VT2RIB</b>	<b>211*</b>	<b>234</b>	<b>223</b>	<b>22.7</b>	<b>0.0</b>
Augusta	A2365	220*	-	-	22.3	0.0
<b>Dekalb</b>	<b>DKC113-83RIB</b>	<b>224*</b>	<b>-</b>	<b>-</b>	<b>22.3</b>	<b>0.2</b>
<b>Dekalb</b>	<b>DKC64-22RIB</b>	<b>211*</b>	<b>236</b>	<b>224</b>	<b>21.8</b>	<b>0.1</b>
<b>Dekalb</b>	<b>DKC66-06RIB</b>	<b>217*</b>	<b>242</b>	<b>230</b>	<b>22.6</b>	<b>1.0</b>
Dekalb	DKC68-35RIB	223*	244	<b>234</b>	23.5	0.4
FS	FS6445V RIB	210*	-	-	22.8	0.3
FS	FS 6549PC RA	180	-	-	23.1	0.0
Mid-Atlantic Seeds	MA5137DV	194	-	-	21.3	0.4
Mid-Atlantic Seeds	MA6131PWE	168	-	-	21.3	0.3
Mid-Atlantic Seeds	MA6148PCE	189	-	-	22.0	0.2
Mid-Atlantic Seeds	MA6153PCE	191	-	-	23.7	0.0
Mid-Atlantic Seeds	MA8136DGVT2PRIB	205	223	214	23.0	0.0
Mid-Atlantic Seeds	MA8141DGVT2PRIB	186	-	-	23.2	0.2
Mid-Atlantic Seeds	MA8142VT2PRIB	202	-	-	21.6	0.0
Mid-Atlantic Seeds	MA8154VT2PRIB	194	-	-	23.3	0.0
Mid-Atlantic Seeds	MA8199TRECRIB	200	-	-	24.9	0.0
<b>Pioneer</b>	<b>P1608AM</b>	<b>203</b>	<b>229</b>	<b>216</b>	<b>22.6</b>	<b>0.3</b>
Revere	113-T42	205	-	-	20.5	0.4
Revere	1307 TC	202	229	216	21.7	0.1
Revere	1627 TC	207	243	225	22.9	0.0
Revere	1839 TC	200	-	-	25.3	0.0
Seedway	SW 1345TR	202	-	-	21.1	0.3
Seedway	SW 1600VT	190	236	213	22.0	2.4
Seedway	SW 1661SS	211*	234	223	23.3	0.1
<b>Trial Mean (5 Locations)</b>		<b>202</b>	<b>230</b>	<b>-</b>	<b>22.6</b>	<b>0.3</b>
<b>Probability &gt; F</b>		<b>&lt;0.0001</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>LSD<sub>0.1</sub></b>		<b>15</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

<sup>1</sup>See Table 7 for trait designations for full season hybrids; Hybrids in **bold** are checks included with funding from Maryland Grain Producers Utilization Board.

<sup>2</sup>Yields are reported at 15% moisture content.

<sup>3</sup>Lodging 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. Relative yield scores for early season hybrids evaluated in 2024. Hybrids with scores 100 or greater at four locations are considered to have good stability.

Brand	Hybrid Name <sup>1</sup>	Relative Yield					
		Avg. 5 sites	Wye	Salisbury	Poplar Hill	Clarksville	Keedysville
<b>AgriGold</b>	<b>A636-43</b>	<b>104</b>	<b>98</b>	<b>101</b>	<b>104</b>	<b>118</b>	<b>115</b>
Dekalb	DKC106-98RIB	112	109	113	110	117	99
<b>Dekalb</b>	<b>DKC56-26RIB</b>	<b>105</b>	<b>102</b>	<b>106</b>	<b>109</b>	<b>103</b>	<b>100</b>
Mid-Atlantic Seed	MA6032PCE	100	109	93	97	107	-
Mid-Atlantic Seed	MA6065PWE	88	78	102	96	67	86
Mid-Atlantic Seed	MS8042VT2PRIB	94	98	89	94	97	-
<b>Pioneer</b>	<b>P0075AM</b>	<b>91</b>	<b>92</b>	<b>91</b>	<b>94</b>	<b>86</b>	<b>101</b>
Revere	0518 VT2P	104	115	102	97	104	96
<b>Trial Mean (bu/ac)</b>		<b>189</b>	<b>144</b>	<b>244</b>	<b>184</b>	<b>179</b>	<b>186</b>

<sup>1</sup>Hybrids 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 12. Relative yield scores for mid-season hybrids evaluated in 2024. Hybrids with scores 100 or greater at four locations are considered to have good stability.

Brand	Hybrid Name <sup>1</sup>	Relative Yield					
		Avg. 5 sites	Wye	Salisbury	Poplar Hill	Clarksville	Keedysville
Augusta	A2060	103	107	105	100	100	108
Dekalb	DKC110-10RIB	90	81	93	90	98	89
<b>Dekalb</b>	<b>DKC110-41RIB</b>	<b>108</b>	<b>108</b>	<b>103</b>	<b>115</b>	<b>105</b>	<b>92</b>
Dekalb	DKC111-35RIB	105	97	104	104	117	109
Dyna-Gro	D49PN05RA	102	106	100	96	106	109
Dyna-Gro	D51VC95RIB	90	94	94	101	63	103
FS	FS 5835V RIN	89	89	96	92	81	90
FS	FS 6107T RIB	94	94	99	93	86	96
Mid-Atlantic Seeds	MA6094PCE	104	102	100	99	115	108
Mid-Atlantic Seeds	MA6120PWE	104	106	101	93	114	113
Mid-Atlantic Seeds	MA8091VT2PRIB	96	89	97	103	95	92
Mid-Atlantic Seeds	MA8110TRECRIB	105	109	98	102	112	106
Mid-Atlantic Seeds	MA8126VT2PRIB	98	91	99	106	95	100
<b>Pioneer</b>	<b>P0732Q</b>	<b>98</b>	<b>108</b>	<b>102</b>	<b>93</b>	<b>89</b>	<b>97</b>
<b>Pioneer</b>	<b>P1136AM</b>	<b>104</b>	<b>108</b>	<b>104</b>	<b>104</b>	<b>102</b>	<b>91</b>
Revere	0918 VT2P	102	99	101	94	117	92
Seedway	SW 1234VT	107	110	105	113	96	105
<b>Trial Mean (bu/ac)</b>		<b>205</b>	<b>168</b>	<b>245</b>	<b>205</b>	<b>186</b>	<b>220</b>

<sup>1</sup>Hybrids 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 13. Relative yield scores for full season hybrids evaluated in 2024. Hybrids with scores 100 or greater at four locations are considered to have good stability.

Brand	Hybrid Name <sup>1</sup>	Relative Yield					
		Avg. 5 sites	Wye	Salisbury	Poplar Hill	Clarksville	Keedysville
<b>AgriGold</b>	<b>A643-52VT2RIB</b>	<b>102</b>	<b>103</b>	<b>99</b>	<b>97</b>	<b>110</b>	<b>118</b>
Augusta	A2365	110	119	101	115	105	108
Dekalb	DKC113-83RIB	111	111	101	112	120	112
<b>Dekalb</b>	<b>DKC64-22RIB</b>	<b>105</b>	<b>107</b>	<b>97</b>	<b>110</b>	<b>105</b>	<b>104</b>
<b>Dekalb</b>	<b>DKC66-06RIB</b>	<b>107</b>	<b>100</b>	<b>107</b>	<b>111</b>	<b>112</b>	<b>106</b>
Dekalb	DKC68-35RIB	110	122	106	105	108	113
<b>FS</b>	<b>FS6445V RIB</b>	<b>106</b>	<b>103</b>	<b>104</b>	<b>100</b>	<b>116</b>	<b>97</b>
FS	FS 6549PC RA	87	83	100	86	78	93
Mid-Atlantic Seeds	MA5137DV	97	86	97	101	103	91
Mid-Atlantic Seeds	MA6131PWE	79	-	-	79	78	87
Mid-Atlantic Seeds	MA6148PCE	93	104	92	83	95	98
Mid-Atlantic Seeds	MA6153PCE	95	86	94	99	105	91
Mid-Atlantic Seeds	MA8136DGVT2PRIB	105	104	107	104	77	85
Mid-Atlantic Seeds	MA8141DGVT2PRIB	89	82	102	90	105	95
Mid-Atlantic Seeds	MA8142VT2PRIB	97	100	96	88	109	109
Mid-Atlantic Seeds	MA8154VT2PRIB	96	99	92	83	92	93
Mid-Atlantic Seeds	MA8199TRECIB	99	98	105	100	109	97
<b>Pioneer</b>	<b>P1608AM</b>	<b>102</b>	<b>103</b>	<b>98</b>	<b>97</b>	<b>97</b>	<b>96</b>
Revere	113-T42	100	103	101	101	-	99
Revere	1307 TC	98	92	99	101	98	98
Revere	1627 TC	105	114	101	106	93	97
Revere	1839 TC	99	94	99	112	79	101
Seedway	SW 1345TR	99	96	108	106	84	99
Seedway	SW 1600VT	90	82	95	97	107	102
Seedway	SW 1661SS	107	110	101	106	110	105
<b>Trial Mean (bu/ac)</b>		<b>202</b>	<b>151</b>	<b>241</b>	<b>205</b>	<b>190</b>	<b>224</b>

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 14. Performance of early season maturity hybrids evaluated at Wye Research and Education Center, Queenstown, MD in 2024.

Brand	Hybrid Name <sup>1</sup>	Yield (bu/ac) <sup>2</sup>		2 yr avg	Moisture %	Lodging <sup>3</sup> %	Population (plants/ac)
		2024	2023				
AgriGold	A636-43	141	-	-	22.3	0	31750
Dekalb	DKC106-98RIB	157	-	-	21.9	0	33235
<b>Dekalb</b>	<b>DKC56-26RIB</b>	<b>148</b>	<b>248</b>		<b>20.9</b>	<b>0</b>	<b>34170</b>
Mid-Atlantic Seed	MA6032PCE	157	-	-	21.5	0	34267
Mid-Atlantic Seed	MA6065PWE	113	-	-	23.0	0	33686
Mid-Atlantic Seed	MA8042VT2PRIB	142	-	-	18.2	0	34783
<b>Pioneer</b>	<b>P0075AM</b>	<b>132</b>	<b>195</b>		<b>19.7</b>	<b>0</b>	<b>32525</b>
Revere	0518 VT2P	165	-	-	21.7	0	33299
<b>Trial Mean</b>		<b>144</b>	<b>223</b>	-	<b>21.1</b>	<b>0</b>	<b>33430</b>
<b>Probability &gt; F</b>		<b>0.1412</b>	-	-	<b>0.0406</b>	-	<b>0.8668</b>
<b>LSD<sub>0.1</sub></b>		<b>NS<sup>4</sup></b>	-	-	<b>2.3</b>	-	<b>NS</b>
<b>CV%</b>		<b>16.2</b>	-	-	<b>9.6</b>	-	<b>6.9</b>

<sup>1</sup>See Table 5 for trait designations for early season hybrids; Hybrids in **bold** are checks included with funding from Maryland Grain Producers Utilization Board.

<sup>2</sup>Yields are reported at 15% moisture content.

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

<sup>4</sup>NS indicates that no statistically significant difference was observed for this characteristic.



Table 15. Performance of mid-season maturity hybrids evaluated at Wye Research and Education Center, Queenstown, MD in 2024.

Brand	Hybrid Name <sup>1</sup>	Yield <sup>2</sup> (bu/ac)		2 yr avg	Moisture %	Lodging <sup>3</sup> %	Population (plants/ac)
		2024	2023				
Augusta	A2060	180*	-	-	23.4	0	34461
Dekalb	DKC110-10RIB	136	-	-	21.7	0	34203
<b>Dekalb</b>	<b>DKC110-41RIB</b>	<b>181*</b>	-	-	<b>20.9</b>	<b>0</b>	<b>34267</b>
Dekalb	DKC111-35RIB	163*	243	203	22.3	0	35397
Dyna-Gro	D49PN05RA	179*	-	-	22.5	0	28742
Dyna-Gro	D51VC95RIB	157*	-	-	23.5	0	35622
FS	FS 5835V RIN	150	-	-	23.2	0	31266
FS	FS 6107T RIB	159*	-	-	21.7	0	36010
Mid-Atlantic Seeds	MA6094PCE	171*	-	-	22.1	0	32912
Mid-Atlantic Seeds	MA6120PWE	178*	-	-	23.2	0	33686
Mid-Atlantic Seeds	MA8091VT2PRIB	150	-	-	23.4	0	33686
Mid-Atlantic Seeds	MA8110TRECRIB	183*	240	212	22.5	0	32912
Mid-Atlantic Seeds	MA8126VT2PRIB	152	-	-	24.1	0	34590
<b>Pioneer</b>	<b>P0732Q</b>	<b>181*</b>	<b>240</b>	<b>211</b>	<b>20.4</b>	<b>0</b>	<b>35235</b>
<b>Pioneer</b>	<b>P1136AM</b>	<b>181*</b>	<b>234</b>	<b>208</b>	<b>22.1</b>	<b>0</b>	<b>35493</b>
Revere	0918 VT2P	166*	243		22.8	0	31363
Seedway	SW1234VT	185*	-	-	24.7	0	33686
<b>Trial Mean</b>		<b>168</b>	<b>233</b>	-	<b>22.6</b>	<b>0</b>	<b>33797</b>
<b>Probability &gt; F</b>		<b>0.0396</b>	-	-	<b>0.0007</b>	-	<b>0.0342</b>
<b>LSD<sub>0.1</sub></b>		<b>25</b>	-	-	<b>1.3</b>	-	<b>3093</b>
<b>CV%</b>		<b>12.9</b>	-	-	<b>5.9</b>	-	<b>7.7</b>

<sup>1</sup>See Table 6 for trait designations for mid-season hybrids; Hybrids in **bold** are checks included with funding from Maryland Grain Producers Utilization Board

<sup>2</sup>Yields are reported at 15% moisture content.

<sup>3</sup>Lodging 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 16. Performance of full season maturity hybrids evaluated at Wye Research and Education Center, Queenstown, MD in 2024.

Brand	Hybrid Name <sup>1</sup>	Yield <sup>2</sup> (bu/ac)		2 yr avg	Moisture %	Lodging <sup>3</sup> %	Population (plants/ac)
		2024	2023				
<b>AgriGold</b>	<b>A643-52VT2RIB</b>	<b>155</b>	<b>245</b>	<b>200</b>	<b>25.0</b>	<b>0</b>	<b>34848</b>
Augusta	A2365	180	-	-	24.2	0	34074
Dekalb	DKC113-83RIB	168	-		24.6	0	32912
<b>Dekalb</b>	<b>DKC64-22RIB</b>	<b>161</b>	<b>240</b>	<b>201</b>	<b>23.5</b>	<b>0.6</b>	<b>34461</b>
<b>Dekalb</b>	<b>DKC66-06RIB</b>	<b>151</b>	<b>241</b>	<b>196</b>	<b>23.1</b>	<b>1.8</b>	<b>33686</b>
Dekalb	DKC68-35RIB	184	256	220	26.2	0	33202
FS	FS 6445V RIB	155	-	-	24.2	0	31363
FS	FS 6549PC RA	125	-	-	25.7	0	35622
Mid-Atlantic Seeds	MA5137DV	130	-	-	23.2	0.6	31363
Mid-Atlantic Seeds	MA6131PWE	-	-	-	-	-	-
Mid-Atlantic Seeds	MA6148PCE	156	237	227	24.3	0	34461
Mid-Atlantic Seeds	MA6153PCE	130	234	182	26.7	0	34074
Mid-Atlantic Seeds	MA8136DGVT2PRIB	158	214	186	24.7	0	33686
Mid-Atlantic Seeds	MA8141DGVT2PRIB	123	-	-	25.8	0	34848
Mid-Atlantic Seeds	MA8142VT2PRIB	150	-	-	23.3	0	34654
Mid-Atlantic Seeds	MA8154VT2PRIB	150	-	-	25.8	0	31944
Mid-Atlantic Seeds	MA8199TRECRIB	149	-	-	31.0	0	35622
<b>Pioneer</b>	<b>P1608AM</b>	<b>156</b>	<b>234</b>	<b>195</b>	<b>23.6</b>	<b>0</b>	<b>30202</b>
Revere	113-T42	156	-	-	21.9	0	34267
Revere	1307 TC	140	232	186	22.8	0	36494
Revere	1627 TC	172	253	216	26.1	0	32793
Revere	1839 TC	141	-	-	30.3	0	34751
Seedway	SW 1345TR	146	-	-	22.6	0	33493
Seedway	SW 1600VT	124	236	180	24.2	6.0	30718
Seedway	SW 1661SS	167	242	205	25.6	0.6	35300
<b>Trial Mean</b>		<b>151</b>	<b>238</b>	<b>-</b>	<b>25.0</b>	<b>0.4</b>	<b>33719</b>
<b>Probability &gt; F</b>		<b>0.1905</b>		<b>-</b>	<b>&lt;0.0001</b>	<b>0.5677</b>	<b>0.0333</b>
<b>LSD<sub>0.1</sub></b>		<b>NS<sup>4</sup></b>		<b>-</b>	<b>1.4</b>	<b>NS</b>	<b>2837</b>
<b>CV%</b>		<b>19.4</b>		<b>-</b>	<b>9.3</b>	<b>551</b>	<b>6.9</b>

<sup>1</sup>See Table 7 for trait designations for full season hybrids, Hybrids in **bold** are checks included with funding from Maryland Grain Producers Utilization Board

<sup>2</sup>Yields are reported at 15% moisture content.

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

<sup>4</sup>NS indicates that no statistically significant difference was observed for this characteristic.

Table 17. Performance of early season maturity hybrids evaluated at Lower Eastern Shore Research and Education Center – Salisbury Facility in 2024.

Brand	Hybrid Name <sup>1</sup>	Yield <sup>2</sup> (bu/ac)		2 yr avg	Moisture %	Lodging <sup>3</sup> %	Population (plants/ac)
		2024	2023				
<b>AgriGold</b>	<b>A636-43</b>	<b>249</b>	-	-	<b>19.2</b>	<b>0</b>	<b>37337</b>
Dekalb	DKC106-98RIB	276*	-	-	19.6	0	38443
<b>Dekalb</b>	<b>DKC56-26RIB</b>	<b>261</b>	<b>261</b>	<b>261</b>	<b>18.6</b>	<b>0</b>	<b>39550</b>
Mid-Atlantic Seeds	MA6032PCE	228	-	-	18.8	0	37061
Mid-Atlantic Seeds	MA6065PWE	249	-	-	18.7	0	37337
Mid-Atlantic Seeds	MA8042VT2PRIB	218	-	-	18.9	0.34	39550
<b>Pioneer</b>	<b>P0075AM</b>	<b>224</b>	<b>220</b>	<b>222</b>	<b>18.9</b>	<b>0</b>	<b>36231</b>
Revere	0518 VT2P	250	-	-	18.7	0	36507
<b>Trial Mean</b>		<b>244</b>	<b>245</b>	-	<b>18.9</b>	<b>0.04</b>	<b>37752</b>
<b>Probability &gt; F</b>		<b>&lt;0.0001</b>	-	-	<b>0.2407</b>	<b>0.4706</b>	<b>0.3581</b>
<b>LSD<sub>0.1</sub></b>		<b>12</b>	-	-	<b>NS<sup>4</sup></b>	<b>NS</b>	<b>NS</b>
<b>CV%</b>		<b>9.8</b>	-	-	<b>2.7</b>	<b>490</b>	<b>6.1</b>

<sup>1</sup>See Table 5 for trait designations for early season hybrids, Hybrids in **bold** are checks included with funding from Maryland Grain Producers Utilization Board

<sup>2</sup>Yields are reported at 15% moisture content.

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

<sup>4</sup>NS 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 18. Performance of mid-season maturity hybrids evaluated at Lower Eastern Shore Research and Education Center – Salisbury Facility in 2024.

Brand	Hybrid Name <sup>1</sup>	Yield <sup>2</sup> (bu/ac)		2 yr avg	Moisture %	Lodging <sup>3</sup> %	Population (plants/ac)
		2024	2023				
Augusta	A2060	257	-	-	20.1	0	38167
Dekalb	DKC110-10RIB	227	-	-	21.4	0	38997
<b>Dekalb</b>	<b>DKC110-41RIB</b>	<b>253</b>	-	-	<b>20.9</b>	<b>0.34</b>	<b>40103</b>
Dekalb	DKC111-35RIB	254	258	256	21.0	0	40379
Dyna-Gro	D49PN05RA	244	-	-	19.9	0	35401
Dyna-Gro	D51VC95RIB	231	-	-	20.3	0	38720
FS	FS 5835V RIN	235	-	-	19.8	0	37337
FS	FS 6107T RIB	244	-	-	20.3	0	38167
Mid-Atlantic Seeds	MA6094PCE	246	-	-	20.6	1.39	38997
Mid-Atlantic Seeds	MA6120PWE	247	-	-	21.5	0	37890
Mid-Atlantic Seeds	MA8091VT2PRIB	239	-	-	21.4	0	38997
Mid-Atlantic Seeds	MA8110TRECIB	240	244	242	20.8	0	36738
Mid-Atlantic Seeds	MA8126VT2PRIB	242	-	-	21.4	0	38720
<b>Pioneer</b>	<b>P0732Q</b>	<b>249</b>	<b>255</b>	<b>252</b>	<b>20.4</b>	<b>0</b>	<b>38443</b>
<b>Pioneer</b>	<b>P1136AM</b>	<b>255</b>	<b>238</b>	<b>247</b>	<b>21.8</b>	<b>0</b>	<b>38167</b>
Revere	0918 VT2P	249	-	-	20.0	0	38720
Seedway	SW 1234VT	256	-	-	21.8	1.42	38443
<b>Trial Mean</b>		<b>245</b>	<b>249</b>	<b>-</b>	<b>20.8</b>	<b>0.2</b>	<b>38376</b>
<b>Probability &gt; F</b>		<b>0.6085</b>	<b>-</b>	<b>-</b>	<b>&lt;0.0001</b>	<b>0.5660</b>	<b>0.4209</b>
<b>LSD<sub>0.1</sub></b>		<b>NS<sup>4</sup></b>	<b>-</b>	<b>-</b>	<b>0.7</b>	<b>NS</b>	<b>NS</b>
<b>CV%</b>		<b>9.2</b>	<b>-</b>	<b>-</b>	<b>3.7</b>	<b>450</b>	<b>5.1</b>

<sup>1</sup>See Table 6 for trait designations for mid-season hybrids; , Hybrids in **bold** are checks included with funding from Maryland Grain Producers Utilization Board

<sup>2</sup>Yields are reported at 15% moisture content.

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

<sup>4</sup>NS indicates that no statistically significant difference was observed for this characteristic.

Table 19. Performance of full season maturity hybrids evaluated at Lower Eastern Shore Research and Education Center – Salisbury Facility in 2024.

Brand	Hybrid Name <sup>1</sup>	Yield <sup>2</sup> (bu/ac)		2 yr avg	Moisture %	Lodging <sup>3</sup> %	Population (plants/ac)
		2024	2023				
<b>AgriGold</b>	<b>A643-52VT2RIB</b>	<b>238</b>	<b>263</b>	<b>251</b>	<b>21.5</b>	<b>0</b>	<b>39411</b>
Augusta	A2365	242*	-	-	22.1	0	37337
Dekalb	DKC113-83RIB	244*	-	-	22.0	1.06	37337
<b>Dekalb</b>	<b>DKC64-22RIB</b>	<b>233</b>	<b>270</b>	<b>252</b>	<b>21.9</b>	<b>0</b>	<b>36784</b>
<b>Dekalb</b>	<b>DKC66-06RIB</b>	<b>258*</b>	<b>289</b>	<b>274</b>	<b>22.1</b>	<b>0</b>	<b>40656</b>
Dekalb	DKC68-35RIB	255*	288	272	22.9	0	38443
FS	FS 6445V RIB	250*	-	-	22.3	0	34848
FS	FS 6549PC RA	241*	-	-	23.0	0	39273
Mid-Atlantic Seeds	MA5137DV	233	-	-	21.4	0	37890
Mid-Atlantic Seeds	MA6131PWE	-	-	-	-	-	-
Mid-Atlantic Seeds	MA6148PCE	225	249	237	23.1	0	42315
Mid-Atlantic Seeds	MA6153PCE	258*	265	262	21.9	0	36784
Mid-Atlantic Seeds	MA8136DGVT2PRIB	247*	254	251	21.7	0.74	37890
Mid-Atlantic Seeds	MA8141DGVT2PRIB	232	-	-	21.5	0	37614
Mid-Atlantic Seeds	MA8142VT2PRIB	222	-	-	22.4	0	37061
Mid-Atlantic Seeds	MA8154VT2PRIB	253*	-	-	22.8	0	38997
Mid-Atlantic Seeds	MA8199TRECRIB	237	-	-	22.5	0	33189
<b>Pioneer</b>	<b>P1608AM</b>	<b>243*</b>	<b>264</b>	<b>254</b>	<b>20.8</b>	<b>0</b>	<b>41486</b>
Revere	113-T42	239*	-	-	21.1	0	37614
Revere	1307 TC	244*	269	257	22.6	0	39550
Revere	1627 TC	238	269	254	23.7	0	39411
Revere	1839 TC	260*	-	-	20.5	0	39550
Seedway	SW 1345TR	229	-	-	21.4	0	33465
Seedway	SW 1600VT	242*	244	243	22.2	0	37752
Seedway	SW 1661SS	225	266	246	23.1	0	42315
<b>Trial Mean</b>		<b>241</b>	<b>265</b>	<b>-</b>	<b>22.0</b>	<b>0.1</b>	<b>37950</b>
<b>Probability &gt; F</b>		<b>0.0885</b>	<b>-</b>	<b>-</b>	<b>&lt;0.0001</b>	<b>0.5544</b>	<b>&lt;0.0001</b>
<b>LSD<sub>0.1</sub></b>		<b>21</b>	<b>-</b>	<b>-</b>	<b>0.8</b>	<b>NS<sup>4</sup></b>	<b>2450</b>
<b>CV%</b>		<b>7.9</b>	<b>-</b>	<b>-</b>	<b>3.4</b>	<b>593</b>	<b>6.9</b>

<sup>1</sup>See Table 7 for trait designations for full season hybrids; Hybrids in **bold** are checks included with funding from Maryland Grain Producers Utilization Board

<sup>2</sup>Yields are reported at 15% moisture content.

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

<sup>4</sup>NS 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 Lower Eastern Shore Research and Education Center – Poplar Hill Facility in 2024.

Brand	Hybrid Name <sup>1</sup>	Yield <sup>2</sup> (bu/ac)		2 yr avg	Moisture %	Lodging <sup>3</sup> %	Population (plants/ac)
		2024	2023 <sup>4</sup>				
AgriGold	A636-43	191*	-	-	20.0	1.0	30202
<b>Dekalb</b>	<b>DKC106-98RIB</b>	<b>202*</b>	-	-	<b>20.3</b>	<b>0</b>	<b>35719</b>
<b>Dekalb</b>	<b>DKC56-26RIB</b>	<b>200*</b>	-	-	<b>19.7</b>	<b>0</b>	<b>36010</b>
Mid-Atlantic Seeds	MA6032PCE	178	-	-	19.4	0	33977
Mid-Atlantic Seeds	MA6065PWE	177	-	-	20.3	0	33686
Mid-Atlantic Seeds	MA8042VT2PRIB	172	-	-	19.2	0	32234
<b>Pioneer</b>	<b>P0075AM</b>	<b>173</b>	-	-	<b>19.2</b>	<b>0</b>	<b>33686</b>
Revere	0518 VT2P	178	-	-	20.0	0	31654
<b>Trial Mean</b>		<b>184</b>	-	-	<b>19.8</b>	<b>0.1</b>	<b>33396</b>
<b>Probability &gt; F</b>		<b>0.0137</b>	-	-	<b>0.0547</b>	<b>0.4706</b>	<b>0.0398</b>
<b>LSD<sub>0.1</sub></b>		<b>15</b>	-	-	<b>0.7</b>	<b>NS<sup>5</sup></b>	<b>2859</b>
<b>CV%</b>		<b>7.7</b>	-	-	<b>3.0</b>	<b>490</b>	<b>7.5</b>

<sup>1</sup>See Table 5 for trait designations for early season hybrids, Hybrids in **bold** are checks included with funding from Maryland Grain Producers Utilization Board

<sup>2</sup>Yields are reported at 15% moisture content.

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

<sup>4</sup>No data collected at Poplar Hill in 2023.

<sup>5</sup>NS 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 Lower Eastern Shore Research and Education Center – Poplar Hill Facility in 2024.

Brand	Hybrid Name <sup>1</sup>	Yield <sup>2</sup> (bu/ac)		2 yr avg	Moisture %	Lodging <sup>3</sup> %	Population (plants/ac)
		2024	2023 <sup>4</sup>				
Augusta	A2060	204	-	-	20.4	0	32815
Dekalb	DKC110-10RIB	185	-	-	21.0	0	33396
<b>Dekalb</b>	<b>DKC110-41RIB</b>	<b>235*</b>	-	-	<b>21.2</b>	<b>0</b>	<b>34267</b>
Dekalb	DKC111-35RIB	212	-	-	21.6	0	32525
Dyna-Gro	D49PN05RA	196	-	-	20.7	0	29911
Dyna-Gro	D51VC95RIB	206	-	-	21.1	0	31073
FS	FS 5835V RIN	188	-	-	20.1	1.0	29911
FS	FS 6107T RIB	191	-	-	20.6	0	33396
Mid-Atlantic Seeds	MA6094PCE	203	-	-	21.0	0	31073
Mid-Atlantic Seeds	MA6120PWE	191	-	-	22.4	0	32234
Mid-Atlantic Seeds	MA8091VT2PRIB	211	-	-	21.9	0	32815
Mid-Atlantic Seeds	MA8110TRECIB	208	-	-	20.9	0	33106
Mid-Atlantic Seeds	MA8126VT2PRIB	218*	-	-	22.2	0	33396
<b>Pioneer</b>	<b>P0732Q</b>	<b>191</b>	-	-	<b>21.2</b>	<b>0</b>	<b>33396</b>
<b>Pioneer</b>	<b>P1136AM</b>	<b>213</b>	-	-	<b>21.1</b>	<b>0</b>	<b>33977</b>
Revere	0918 VT2P	193	-	-	20.3	0	31073
Seedway	SW 1234VT	231*	-	-	21.6	0	34267
<b>Trial Mean</b>		<b>205</b>	-	-	<b>21.1</b>	<b>0.1</b>	<b>32513</b>
<b>Probability &gt; F</b>		<b>0.0025</b>	-	-	<b>&lt;0.0001</b>	<b>0.5095</b>	<b>0.1715</b>
<b>LSD<sub>0.1</sub></b>		<b>19</b>	-	-	<b>0.5</b>	<b>NS<sup>5</sup></b>	<b>NS</b>
<b>CV%</b>		<b>10.0</b>	-	-	<b>3.2</b>	<b>707</b>	<b>6.6</b>

<sup>1</sup>See Table 6 for trait designations for mid-season hybrids; Hybrids in **bold** are checks included with funding from Maryland Grain Producers Utilization Board

<sup>2</sup>Yields are reported at 15% moisture content.

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

<sup>4</sup>No data collected at Poplar Hill in 2023.

<sup>5</sup>NS 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 Lower Eastern Shore Research and Education Center – Poplar Hill Facility in 2024.

Brand	Hybrid Name <sup>1</sup>	Yield <sup>2</sup> (bu/ac)		2 yr avg	Moisture %	Lodging <sup>3</sup> %	Population (plants/ac)
		2024	2023 <sup>4</sup>				
<b>AgriGold</b>	<b>A643-52VT2RIB</b>	<b>199</b>	-	-	<b>22.4</b>	<b>0</b>	<b>33686</b>
Augusta	A2365	236*	-	-	22.9	0	33686
Dekalb	DKC113-83RIB	230*	-	-	22.0	0	35138
<b>Dekalb</b>	<b>DKC64-22RIB</b>	<b>225*</b>	-	-	<b>22.1</b>	<b>0</b>	<b>33396</b>
<b>Dekalb</b>	<b>DKC66-06RIB</b>	<b>228*</b>	-	-	<b>21.7</b>	<b>0</b>	<b>33977</b>
Dekalb	DKC6835RIB	215*	-	-	23.4	0	34267
FS	FS 6445V RIB	205	-	-	22.0	0.5	29330
FS	FS 6549PC RA	177	-	-	22.6	0	33396
Mid-Atlantic Seeds	MA5137DV	208*	-	-	21.7	0	32815
Mid-Atlantic Seeds	MA6131PWE	162	-	-	21.1	0	33106
Mid-Atlantic Seeds	MA6148PCE	170	-	-	22.0	0	30202
Mid-Atlantic Seeds	MA6153PCE	203	-	-	23.5	0	37462
Mid-Atlantic Seeds	MA8136DGVT2PRIB	213*	-	-	21.9	0	30492
Mid-Atlantic Seeds	MA8141DGVT2PRIB	185	-	-	23.0	0	35719
Mid-Atlantic Seeds	MA8142VT2PRIB	181	-	-	22.1	0	31073
Mid-Atlantic Seeds	MA8154VT2PRIB	170	-	-	23.1	0	32234
Mid-Atlantic Seeds	MA8199TRECIB	206	-	-	23.6	0	34558
<b>Pioneer</b>	<b>P1608AM</b>	<b>199</b>	-	-	<b>22.9</b>	<b>0.5</b>	<b>29911</b>
Revere	113-T42	207*	-	-	21.9	0.9	32815
Revere	1307 TC	208*	-	-	21.3	0.4	32234
Revere	1627 TC	218*	-	-	22.5	0	32815
Revere	1839 TC	230*	-	-	23.4	0	32815
Seedway	SW 1345TR	217*	-	-	21.5	0	34267
Seedway	SW 1600VT	199	-	-	22.4	0	29911
Seedway	SW 1661SS	218*	-	-	22.5	0	33106
<b>Trial Mean</b>		<b>205</b>	-	-	<b>22.3</b>	<b>0.1</b>	<b>32795</b>
<b>Probability &gt; F</b>		<b>0.0013</b>	-	-	<b>&lt;0.0001</b>	<b>0.6574</b>	<b>0.0311</b>
<b>LSD<sub>0.1</sub></b>		<b>29</b>	-	-	<b>0.5</b>	<b>NS<sup>5</sup></b>	<b>3235</b>
<b>CV%</b>		<b>13.7</b>	-	-	<b>3.1</b>	<b>442</b>	<b>8.0</b>

<sup>1</sup>See Table 7 for trait designations for full season hybrids; Hybrids in **bold** are checks included with funding from Maryland Grain Producers Utilization Board

<sup>2</sup>Yields are reported at 15% moisture content.

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

<sup>4</sup>No data collected at Poplar Hill in 2023.

<sup>5</sup>NS 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 Western Maryland Research and Education Center in 2024.

Brand	Hybrid Name <sup>1</sup>	Yield <sup>2</sup> (bu/ac)		2 yr avg	Moisture %	Lodging <sup>3</sup> %	Population (plants/ac)
		2024	2023				
<b>AgriGold</b>	<b>A636-43</b>	<b>215</b>	-	-	<b>19.6</b>	<b>0</b>	<b>32525</b>
Dekalb	DKC106-98RIB	183	-	-	20.1	0	35138
<b>Dekalb</b>	<b>DKC56-26RIB</b>	<b>185</b>	<b>219</b>	<b>202</b>	<b>17.4</b>	<b>0</b>	<b>35138</b>
Mid-Atlantic Seeds	MA6032PCE	-	-	-	-	-	-
Mid-Atlantic Seeds	MA6065PWE	160	-	-	19.0	0	30928
Mid-Atlantic Seeds	MA8042VT2PRIB	-	-	-	-	-	-
<b>Pioneer</b>	<b>P0075AM</b>	<b>189</b>	<b>174</b>	<b>181</b>	<b>16.4</b>	<b>2.0</b>	<b>32234</b>
Revere	0518 VT2P	179	-	-	18.2	0	30782
<b>Trial Mean</b>		<b>186</b>	<b>203</b>	-	<b>18.6</b>	<b>0.3</b>	<b>32942</b>
<b>Probability &gt; F</b>		<b>0.3794</b>	-	-	<b>0.0320</b>	<b>0.2294</b>	<b>0.0260</b>
<b>LSD<sub>0.1</sub></b>		<b>NS<sup>5</sup></b>	-	-	<b>1.7</b>	<b>NS</b>	<b>2435</b>
<b>CV%</b>		<b>14.1</b>	-	-	<b>8.2</b>	<b>400</b>	<b>6.8</b>

<sup>1</sup>See Table 5 for trait designations for early season hybrids.

<sup>2</sup>Yields are reported at 15% moisture content.

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

<sup>4</sup>Hybrids in **bold** are checks.

<sup>5</sup>NS indicates that no statistically significant difference was observed for this characteristic.

Table 24. Performance of mid-season maturity hybrids evaluated at Western Maryland Research and Education Center in 2024.

Brand	Hybrid Name <sup>1</sup>	Yield <sup>2</sup> (bu/ac)		2 yr avg	Moisture %	Lodging <sup>3</sup> %	Population (plants/ac)
		2024	2023				
Augusta	A2060	237	-	-	19.6	0	33106
Dekalb	DKC110-10RIB	196	-	-	20.8	0	34848
<b>Dekalb</b>	<b>DKC110-41RIB</b>	<b>202</b>	-	-	<b>20.3</b>	<b>0</b>	<b>34558</b>
Dekalb	DKC111-35RIB	239	207	223	18.9	0	32525
Dyna-Gro	D49PN05RA	240	-	-	19.5	0	30782
Dyna-Gro	D51VC95RIB	227	-	-	21.9	0	33106
FS	FS 5835V RIN	197	-	-	22.5	0	33396
FS	FS 6107T RIB	211	-	-	21.8	2.0	29621
Mid-Atlantic Seeds	MA6094PCE	238	-	-	19.7	0	32525
Mid-Atlantic Seeds	MA6120PWE	248	-	-	20.6	0	32815
Mid-Atlantic Seeds	MA8091VT2PRIB	203	-	-	20.9	0	33396
Mid-Atlantic Seeds	MA8110TRECRIB	232	205	219	19.8	0	32815
Mid-Atlantic Seeds	MA8126VT2PRIB	221	-	-	21.1	0	32815
<b>Pioneer</b>	<b>P0732Q</b>	<b>213</b>	<b>221</b>	<b>217</b>	<b>19.4</b>	<b>0</b>	<b>33106</b>
<b>Pioneer</b>	<b>P1136AM</b>	<b>200</b>	<b>218</b>	<b>209</b>	<b>19.9</b>	<b>0</b>	<b>33686</b>
Revere	0918 VT2P	203	185	-	21.2	0	31073
Seedway	SW 1234VT	231	-	-	21.0	0	33106
<b>Trial Mean</b>		<b>220</b>	<b>201</b>	<b>-</b>	<b>20.5</b>	<b>0.1</b>	<b>32781</b>
<b>Probability &gt; F</b>		<b>0.1671</b>	<b>-</b>	<b>-</b>	<b>0.0066</b>	<b>0.4807</b>	<b>0.2932</b>
<b>LSD<sub>0.1</sub></b>		<b>NS<sup>5</sup></b>	<b>-</b>	<b>-</b>	<b>1.4</b>	<b>NS</b>	<b>NS</b>
<b>CV%</b>		<b>13.3</b>	<b>-</b>	<b>-</b>	<b>6.3</b>	<b>714</b>	<b>6.3</b>

<sup>1</sup>See Table 6 for trait designations for mid-season hybrids.

<sup>2</sup>Yields are reported at 15% moisture content.

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

<sup>4</sup>Hybrids in **bold** are checks.

<sup>5</sup>NS indicates that no statistically significant difference was observed for this characteristic.

Table 25. Performance of full season maturity hybrids evaluated at Western Maryland Research and Education Center in 2024.

Brand	Hybrid Name <sup>1</sup>	Yield <sup>2</sup> (bu/ac)		2 yr avg	Moisture %	Lodging <sup>3</sup> %	Population (plants/ac)
		2024	2023				
<b>AgriGold</b>	<b>A643-52VT2RIB</b>	<b>264*</b>	<b>206</b>	<b>235</b>	<b>25.5</b>	<b>0</b>	<b>35719</b>
Augusta	A2365	241*	-	-	23.2	0	33106
Dekalb	DKC113-83RIB	250*	-	-	23.3	0	35719
<b>Dekalb</b>	<b>DKC64-22RIB</b>	<b>234*</b>	<b>187</b>	<b>211</b>	<b>21.8</b>	<b>0</b>	<b>33106</b>
<b>Dekalb</b>	<b>DKC66-06RIB</b>	<b>237*</b>	<b>194</b>	<b>216</b>	<b>25.1</b>	<b>0</b>	<b>31654</b>
Dekalb	DKC68-35RIB	253*	187	220	22.8	0	30202
FS	FS 6445V RIB	218	-	-	24.9	0	30056
FS	FS 6549PC RA	208	-	-	21.2	0	32234
Mid-Atlantic Seeds	MA5137DV	204	-	-	20.2	1.4	32234
Mid-Atlantic Seeds	MA6131PWE	194	-	-	22.6	0.9	32525
Mid-Atlantic Seeds	MA6148PCE	220	181	201	21.8	0	30782
Mid-Atlantic Seeds	MA6153PCE	203	170	187	23.1	0	33396
Mid-Atlantic Seeds	MA8136DGVT2PRIB	191	203	197	23.3	0	32815
Mid-Atlantic Seeds	MA8141DGVT2PRIB	214	-	-	24.1	0	32234
Mid-Atlantic Seeds	MA8142VT2PRIB	245*	-	-	22.2	0	32234
Mid-Atlantic Seeds	MA8154VT2PRIB	208	-	-	23.8	0	31654
Mid-Atlantic Seeds	MA8199TRECRIB	218	-	-	25.0	0	33686
<b>Pioneer</b>	<b>P1608AM</b>	<b>215</b>	<b>180</b>	<b>198</b>	<b>23.1</b>	<b>0</b>	<b>30202</b>
Revere	113-T42	222	-	-	21.1	0	33977
Revere	1307 TC	219	206	213	21.5	0	33396
Revere	1627 TC	218	193	206	22.5	0	33106
Revere	1839 TC	226	-	-	25.5	0	34848
Seedway	SW 1345TR	222	-	-	20.7	0	31944
Seedway	SW 1600VT	228	195	212	21.6	0	32815
Seedway	SW 1661SS	235*	192	214	25.4	0	33977
<b>Trial Mean</b>		<b>224</b>	<b>187</b>	<b>-</b>	<b>23.0</b>	<b>0.1</b>	<b>32741</b>
<b>Probability &gt; F</b>		<b>0.0265</b>	<b>-</b>	<b>-</b>	<b>0.0241</b>	<b>0.0007</b>	<b>0.2048</b>
<b>LSD<sub>0.1</sub></b>		<b>31</b>	<b>-</b>	<b>-</b>	<b>2.7</b>	<b>0.5</b>	<b>NS</b>
<b>CV%</b>		<b>11.7</b>	<b>-</b>	<b>-</b>	<b>9.7</b>	<b>450</b>	<b>7.2</b>

<sup>1</sup>See Table 7 for trait designations for full season hybrids.

<sup>2</sup>Yields are reported at 15% moisture content.

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

<sup>5</sup>NS 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. Performance of early season maturity hybrids evaluated at Central Maryland Research and Education Center – Clarksville Facility in 2024.

Brand	Hybrid Name <sup>1</sup>	Yield <sup>2</sup> (bu/ac)		2 yr avg	Moisture %	Lodging <sup>3</sup> %	Population (plants/ac)
		2024	2023				
<b>AgriGold</b>	<b>A636-43</b>	<b>212*</b>	-	-	<b>18.3</b>	<b>0</b>	<b>28429</b>
Dekalb	DKC106-98RIB	209*	-	-	15.3	0	33014
<b>Dekalb</b>	<b>DKC56-26RIB</b>	<b>185*</b>	<b>198</b>	<b>192</b>	<b>14.7</b>	<b>2.9</b>	<b>33014</b>
Mid-Atlantic Seeds	MA6032PCE	191*	-	-	17.3	0	32555
Mid-Atlantic Seeds	MA6065PWE	121	-	-	14.3	0	35307
Mid-Atlantic Seeds	MA8042VT2PRIB	174*	-	-	16.7	0	31638
<b>Pioneer</b>	<b>P0075AM</b>	<b>153</b>	<b>163</b>	<b>158</b>	<b>15.9</b>	<b>0</b>	<b>33931</b>
Revere	0518 VT2P	185*	-	-	17.7	0	30568
<b>Trial Mean</b>		<b>179</b>	<b>204</b>	-	<b>16.4</b>	<b>0.3</b>	<b>32205</b>
<b>Probability &gt; F</b>		<b>0.0813</b>	-	-	<b>0.0935</b>	<b>0.4360</b>	<b>0.1020</b>
<b>LSD<sub>0.1</sub></b>		<b>47</b>	-	-	<b>2.3</b>	<b>NS<sup>5</sup></b>	<b>NS</b>
<b>CV%</b>		<b>21.3</b>	-	-	<b>10.5</b>	<b>412</b>	<b>7.6</b>

<sup>1</sup>See Table 5 for trait designations for early season hybrids.

<sup>2</sup>Yields are reported at 15% moisture content.

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

<sup>4</sup>Hybrids in **bold** are checks.

<sup>5</sup>NS 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 27. Performance of mid-season maturity hybrids evaluated at Central Maryland Research and Education Center – Clarksville Facility in 2024.

Brand	Hybrid Name <sup>1</sup>	Yield <sup>2</sup> (bu/ac)		2 yr avg	Moisture %	Lodging <sup>3</sup> %	Population (plants/ac)
		2024	2023				
Augusta	A2060	186*	-	-	19.2	0	32708
Dekalb	DKC110-10RIB	182	-	-	18.6	0	32403
<b>Dekalb</b>	<b>DKC110-41RIB</b>	<b>196*</b>	-	-	<b>18.0</b>	<b>2.0</b>	<b>32403</b>
Dekalb	DKC111-35RIB	217*	250	234	18.3	0	32097
Dyna-Gro	D49PN05RA	197*	-	-	18.1	0	30263
Dyna-Gro	D51VC95RIB	118	-	-	21.6	4.2	27970
Mid-Atlantic Seeds	MA6094PCE	150	-	-	17.9	3.6	28429
Mid-Atlantic Seeds	MA6120PWE	161	-	-	17.2	4.9	31638
Mid-Atlantic Seeds	MA8091VT2PRIB	213*	-	-	18.5	0	33014
Mid-Atlantic Seeds	MA8110TRECRI	212*	215	214	21.1	0.5	32708
Mid-Atlantic Seeds	MA8126VT2PRIB	177	-	-	19.3	2.0	32097
<b>Pioneer</b>	<b>P0732Q</b>	<b>207*</b>	<b>199</b>	<b>203</b>	<b>18.2</b>	<b>0</b>	<b>30568</b>
<b>Pioneer</b>	<b>P1136AM</b>	<b>177</b>	<b>221</b>	<b>199</b>	<b>19.6</b>	<b>3.2</b>	<b>31485</b>
Revere	0918 VT2P	165	224	195	17.9	2.8	29957
Seedway	SW 1234VT	189*	-	-	20.4	0	33320
<b>Trial Mean</b>		<b>186</b>	<b>226</b>	-	<b>18.8</b>	<b>1.6</b>	<b>31277</b>
<b>Probability &gt; F</b>		<b>0.0075</b>		-	<b>0.0005</b>	<b>0.3609</b>	<b>0.3904</b>
<b>LSD<sub>0.1</sub></b>		<b>35</b>		-	<b>1.5</b>	<b>NS<sup>5</sup></b>	<b>NS</b>
<b>CV%</b>		<b>17.0</b>		-	<b>7.7</b>	<b>212</b>	<b>8.9</b>

<sup>1</sup>See Table 6 for trait designations for mid-season hybrids.

<sup>2</sup>Yields are reported at 15% moisture content.

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

<sup>4</sup>Hybrids in **bold** are checks.

<sup>5</sup>NS 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 28. Performance of full season maturity hybrids evaluated at Central Maryland Research and Education Center – Clarksville Facility in 2024.

Brand	Hybrid Name <sup>1</sup>	Yield <sup>2</sup> (bu/ac)		2 yr avg	Moisture %	Lodging <sup>3</sup> %	Population (plants/ac)
		2024	2023				
<b>AgriGold</b>	<b>A643-52VT2RIB</b>	<b>208*</b>	<b>223</b>	<b>216</b>	<b>18.9</b>	<b>0</b>	<b>30263</b>
Augusta	A2365	200*	-	-	18.9	0	29651
<b>Dekalb</b>	<b>DKC113-83RIB</b>	<b>228*</b>	<b>-</b>	<b>-</b>	<b>19.5</b>	<b>0</b>	<b>34848</b>
<b>Dekalb</b>	<b>DKC64-22RIB</b>	<b>200*</b>	<b>246</b>	<b>223</b>	<b>19.7</b>	<b>0</b>	<b>31180</b>
<b>Dekalb</b>	<b>DKC66-06RIB</b>	<b>212*</b>	<b>242</b>	<b>227</b>	<b>21.2</b>	<b>3.4</b>	<b>32708</b>
Dekalb	DKC68-35RIB	205*	247	226	22.1	1.9	32403
FS	FS 6445V RIB	221*	-	-	21.2	1.1	30568
FS	FS 6549PC RA	149	-	-	23.0	0	32097
Mid-Atlantic Seeds	MA5137DV	195	-	-	20.2	0	32708
Mid-Atlantic Seeds	MA6131PWE	149	-	-	20.2	0	30622
Mid-Atlantic Seeds	MA6148PCE	180	219	200	20.8	1.0	28734
Mid-Atlantic Seeds	MA6153PCE	199*	214	207	21.4	0	30263
Mid-Atlantic Seeds	MA8136DGVT2PRIB	146	-	-	20.2	0	28429
Mid-Atlantic Seeds	MA8141DGVT2PRIB	199*	-	-	18.7	0	31180
Mid-Atlantic Seeds	MA8142VT2PRIB	208*	-	-	22.1	0	31791
Mid-Atlantic Seeds	MA8154VT2PRIB	174	-	-	21.9	0	31180
Mid-Atlantic Seeds	MA8199TRECRIB	207*	-	-	21.0	1.0	30263
<b>Pioneer</b>	<b>P1608AM</b>	<b>183</b>	<b>237</b>	<b>212</b>	<b>17.0</b>	<b>0.9</b>	<b>33931</b>
Revere	113-T42	-	-	-	-	-	-
Revere	1307 TC	186	209	198	20.7	0	32403
Revere	1627 TC	176	256	216	23.3	0	32403
Revere	1839 TC	150	-	-	20.1	2.3	31638
Seedway	SW1345TR	160	-	-	19.8	7.8	30263
Seedway	SW 1600VT	203*	282	243	20.2	0	32097
Seedway	SW1661SS	208*	236	222	18.9	0	30263
<b>Trial Mean</b>		<b>190</b>	<b>229</b>	<b>-</b>	<b>20.5</b>	<b>0.7</b>	<b>31450</b>
<b>Probability &gt; F</b>		<b>0.0004</b>		<b>-</b>	<b>&lt;0.0001</b>	<b>0.2206</b>	<b>0.2079</b>
<b>LSD<sub>0.1</sub></b>		<b>31</b>		<b>-</b>	<b>1.4</b>	<b>NS<sup>5</sup></b>	<b>NS</b>
<b>CV%</b>		<b>16.2</b>		<b>-</b>	<b>8.1</b>	<b>337</b>	<b>7.6</b>

<sup>1</sup>See Table 7 for trait designations for full season hybrids.

<sup>2</sup>Yields are reported at 15% moisture content.

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

<sup>5</sup>NS 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.