



Department of Plant Sciences and Landscape Architecture • 2102 Plant Science Building
College Park, MD 20742 • (301) 405-6241

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2015 Maryland Corn Hybrid Performance Tests <http://www.psla.umd.edu/extension/md-crops>

Agronomy Facts No. 54 is prepared by: Robert Kratochvil, Moynul Islam, and Louis Thorne.

Test Procedures

A fee-based, corn hybrid performance-testing program is offered to seed corn companies by the University of Maryland's Extension Service and Agricultural Experiment Station. The results from these replicated trials provide agronomic performance information about the corn hybrids tested at five Maryland locations (Table 1) considered representative of the state's geography and weather conditions. Table 1 summarizes the agronomic and production information for each test site.

Hybrids tested during 2015 were submitted in two ways. First, participating seed companies (Table 2) were solicited for submission of hybrids. These hybrids represented those currently available to experimental lines still under evaluation. Second, the Maryland Grain Producers' Utilization Board provided funding for inclusion of check hybrids; hybrids that are commonly grown and familiar to farmers. The inclusion of the performance data for these check hybrids allows comparisons of newer hybrids with those that are familiar.

During 2015, 58 hybrids were tested using three maturity group tests: (1) early season (11 hybrids; Table 5); (2) mid-season (21 hybrids; Table 6); and (3) full season (26 hybrids; Table 7). Each company designated the maturity group assignments for hybrids they submitted. Check hybrids were included in each of the three tests. Nearly all tested hybrids had genetic traits for insect protection and/or herbicide tolerance (Tables 5-7).

Hybrids were grouped and randomized by maturity group and 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. Plot harvest length was 32 feet. Harvest population and number of lodged plants were counted during the same week of harvest and frequently on the same day as harvest. The center two rows of each plot were harvested with a Massey Ferguson 8-XP research combine (Kincaid Equipment Manufacturing, Haven, KS). Grain yield, harvest moisture and test weight were measured for each plot. These data were collected with a HarvestMaster HM 800 GrainGage system (Juniper Systems, Inc., Logan, UT). Data was recorded using Mirus software (Juniper Systems, Inc.) on a Panasonic Toughpad computer mounted in the combine cab.

Test Results

The overall performance across the locations for the hybrids in each maturity group is found 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 at 15.5% moisture content, harvest moisture content, per cent lodging, harvest population, and test weight (lb/bu) at 15.5% moisture content.

As seen in Table 3, growing season precipitation was above the long term averages for the three Eastern Shore locations and below the long term averages for the two locations west of the Chesapeake Bay. Though considered to be good year, the 2015 crop was not as good as the 2014 record breaker. The primary difference between the two years was more days of 90 degree plus heat during 2015 coupled with below normal precipitation during the later stages of grain fill, i.e. August and early September. Up until mid-late July, the 2015 crop was possibly rivaling the 2014 crop. This early season enthusiasm was attributed to timely planting into good soil moisture that supported excellent germination and resulted in uniform stands. June rainfall was 2-3 times normal resulting in excellent soil moisture conditions during pollination. Timely rain events during early July

supported that excellent pollination. I believe that one or two more rain events during August would have resulted in 10% better yields at all testing locations.

Averaged over the five locations, yield for the early (11), mid (21), and full season (26) hybrids was 177 bu/acre, 185 bu/acre, and 191 bu/acre, respectively. Compared to 2014, these yields were ~8%, 14%, and 16% less, respectively, than observed for the early, mid, and full season hybrids for that season. Average yield for the 58 hybrids tested across the five locations was 186 bu/acre or 25 bu/acre less than the record setting 211 bu/acre in 2014.

A least significant difference (LSD) value is reported for the variables measured for each test where statistically significant differences ($p \leq 0.05$ generally) for a variable were observed among hybrids. The mean separation value has been calculated at the 5 percent probability level ($LSD_{0.05}$). 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 or equal to the LSD value, there is a 95% certainty that the difference is real rather than due to random variability. The coefficient of variation (CV) is a measurement of the level of 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.

Relative Yield

The selection of a hybrid to grow on your farm based solely on its performance at one location is not recommended. It is better to select a hybrid/s based upon performance over a number of locations and/or 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 specific 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 score consistently greater than 100 across all testing locations is considered to have excellent stability. Only one hybrid met this five location standard for stability, the mid-season entry Dekalb brand DKC61-88RIB. Fifteen hybrids (five early season; four mid-season; and six full season) had relative yield scores greater than 100 at 4-5 locations and are considered to have good stability. Those hybrids are highlighted in gray in Tables 26-28.

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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 information that is reproduced.

<u>Index to Tables</u>	<u>Page</u>	
Table 1.	Production management information	4
Table 2.	Participating companies	5
Table 3.	Precipitation received at each location	5
Table 4.	Glossary of genetic trait abbreviations	6
Table 5.	Relative maturity, genetics, and seed treatments for early season hybrids	7
Table 6.	Relative maturity, genetics, and seed treatments for mid-season hybrids	7
Table 7.	Relative maturity, genetics, and seed treatments for full-season hybrids	8
Table 8.	Early season hybrids at five locations	9
Table 9.	Mid-season hybrids at five locations	10
Table 10.	Full-season hybrids at five locations	11
Table 11.	Early season hybrids at Wye Research and Education Center	12
Table 12.	Mid-season hybrids at Wye Research and Education Center	13
Table 13.	Full Season hybrids at Wye Research and Education Center	14
Table 14.	Early season hybrids at LESREC-Poplar Hill	15
Table 15.	Mid-season hybrids at LESREC-Poplar Hill	16
Table 16.	Full season hybrids at LESREC-Poplar Hill	17
Table 17.	Early season hybrids at LESREC-Salisbury	18
Table 18.	Mid-season hybrids at LESREC-Salisbury	19
Table 19.	Full-season hybrids at LESREC-Salisbury	20
Table 20.	Early season hybrids at Western Maryland R&E Center	21
Table 21.	Mid-season hybrids at Western Maryland R&E Center	22
Table 22.	Full-season hybrids at Western Maryland R&E Center	23
Table 23.	Early season hybrids at CMREC-Clarksville	24
Table 24.	Mid-season hybrids at CMREC-Clarksville	25
Table 25.	Full-season hybrids at CMREC-Clarksville	26
Table 26.	Relative yield summary for early season hybrids	27
Table 27.	Relative yield summary for mid-season hybrids	28
Table 28.	Relative yield summary for full-season hybrids	29

Table 1. Production management practices used and other pertinent information for the locations of the 2015 Maryland Corn Hybrid Test.

Location	Soil Type & Previous Crop	Fertilizer	Herbicides & Insecticides	Tillage	Plant & Harvest Dates	Farm Staff
Wye R & E Center Queenstown, MD	Mattapex silt loam Soybean	7 May: 30-30-0-15S 10 June: 130 lb N/a as 30% UAN Total: 160-30-0-15 S	25 April Pre-Plant Makaze @ 1 qt/a 9 May Pre-Emerge Lexar @ 3 qt/a No Insecticide	No-till with aid of trash wheels on planter	Plant 6 May Harvest 16 September	John Draper Joe Street Donny Murphy
Lower Eastern Shore R&E Center-Poplar Hill Quantico, MD	Mattapeake silt loam Soybean followed by wheat cover crop	16 April: 293 lb/a 6.88-00-38.49-7.86S-0.43B 30 April: 142.6 lb/a as 08-20-05 5 June: 125 lb N/a as 30% UAN Total: 157-29-120-23S-1.25 B	24 April Pre-Plant Gramoxone SL @ 1.5 pt/A 820 Surfactant @ 8 fl oz/A 30 April Pre-Emerge Lexar @ 3 qt/A No Insecticide	No-till into cover crop with aid of trash wheels on planter	Plant 29 April Harvest 12 September Early & Mid Season 15 September Full Season	David Armentrout Fred Senkbeil
Lower Eastern Shore R&E Center-Salisbury Salisbury, MD	Fort Mott loamy sand Soybean followed by wheat cover crop	13 April: 293 lb/a 6.88-00-38.49-7.86S-0.43B 30 April: 142.6 lb/a as 08-20-05 29 May: 100 lb N/a as 30% UAN 2 June: 100 lb N/a as 30% UAN Total: 232-29-120-23S-1.25B	22 April Pre-Plant Gramoxone SL @ 1.5 pt/A 820 Surfactant @ 8 fl oz/A 01 May Pre-Emerge Lexar @ 3 qt/A No Insecticide	No-till into cover crop with aid of trash wheels on planter	Plant 30 April Harvest 11 September	David Armentrout James Lynch Vivian Calder David Long Robert Miller
Central Maryland R&E Center - Clarksville Clarksville, MD	Delanco silt loam Soybean	29 April 200 lb/a 5-14-40 16 May 130 lb N/a as 30% UAN 15 June 40 lb N/a as 30% UAN Total: 180-28-80	14 May Pre-Emerge Bicep II Mag @ 2 qt/acre Gramoxone S.L. 2.0 @ 1.5 pt/acre 820 Surfactant @ 1 pt/acre 16 June Post-Emerge Herbicide Status @ 4 oz/acre Accent Q @ 0.25 oz/acre	No-till with aid of trash wheels on planter	Plant 13 May Harvest 28 September	Mike Dwyer David Justice Michael Gray
Western Maryland R&E Center Keedysville, MD	Hagerstown silt loam Soybean	27 April: 176 lb/a 6-28-28 13 May: 130 lb N/a as 30% UAN Total: 140-50-50	14 May Pre-Plant Lumax @ 3 qt/a Weedone.LV4 @1 pt/a Gramoxone Inteon @1 qt/a No Post-Emerge Herbicide No Insecticide	No-till with aid of trash wheels on planter	Plant 13 May Harvest 6 October	Timothy Ellis Douglas Price David Wyand Ryan McDonald

Table 2. Seed brands and companies represented in the 2015 Maryland corn hybrid tests.

Brand	Address
Augusta	Augusta Seed Corporation, P.O. Box 899, Staunton, VA 24401
DeKalb	Monsanto Company, 800 N. Lindbergh Blvd. St. Louis, MO 63167
Doebler's	Doebler's PA Hybrids, Inc., 202 Tiadaghton Ave., Jersey Shore, PA 17740
Dyna-Gro	Crop Production Services/Dyna-Gro, 1140 Sweet Road, East Aurora, NY 14052
Hubner Seed	Hubner Seed Company, 10280 West State Road 28, West Lebanon, IN 47991
Mycogen	Mycogen Seeds, 9330 Zionsville Rd., Indianapolis, IN 46268
NK	Syngenta, 11055 Wayzata Blvd., Minnetonka, MN 55305
Pioneer	Pioneer Hi-bred International, Inc., PO Box 14453, Des Moines, IA 50306
RPM®	Doebler's PA Hybrids, Inc., 202 Tiadaghton Ave., Jersey Shore, PA 17740
T.A. Seeds	T.A. Seeds LLC., PO Box 300, Avis, PA 17721

Table 3. Precipitation received at each location where the Maryland corn hybrid tests were conducted during 2015.

Month	Wye	Poplar Hill	Salisbury ¹	Keedysville	Clarksville
	-----Inches-----				
April	3.43	3.35	3.66 (0.0)	1.99	3.07
May	2.84	2.4	2.25 (0.0)	2.99	2.49
June	6.73	10.51	9.75 (0.8)	6.39	7.68
July	3.35	2.85	4.4 (1.2)	2.76	2.05
August	3.00	4.86	4.21 (0.8)	1.36	0.65
September	2.64	2.16	2.75 (0.0)	3.26	3.57
2015 Total (6 month)	21.86	26.13	27.02 (2.8)	18.75	19.51
Long Term Average	22.63	22.32	23.88	21.4	24.16

¹The number in parentheses following the precipitation total for each month at Salisbury indicates the amount of supplemental irrigation used.

Table 4. Glossary of abbreviations for hybrid genetic traits and description of seed treatments used in Tables 5, 6, and 7.

Abbreviation	Description
AcreMax or AM	Refers to a refuge in the bag hybrid.
AcreMax Above	Refuge in the bag plus above ground insect protection.
AcreMax Xtreme	Contains above and below ground insect protection, refuge in the bag, plus glyphosate and glufosinate herbicide tolerance.
Agrisure 3000GT	Protection against corn borer and corn rootworm plus glyphosate and glufosinate herbicide tolerance.
Avicta 500 or A500	A nematicide seed treatment.
Avicta Complete Corn	A nematicide/insecticide/fungicide seed treatment combination.
BT	Contains a <i>Bacillus thuringiensis</i> (Bt) event for protection against European corn borer.
Conventional	Indicates a hybrid with no biotechnology linked genetic enhancement.
Cruiser 250 and 500	A neonicotinoid based insecticide seed treatment.
CruiserMaxx 250	A neonicotinoid based insecticide seed treatment plus seed applied Maxim Quatro fungicide.
GENSSRIB	Refers to hybrids that have eight traits combined or ‘stacked’ together – 6 for insect resistance (Bt) and 2 for herbicide (Roundup and Liberty) tolerance. Includes non-Bt seed blended in the bag creating refuge in the bag.
GENVT2PRIB	Provides protection against aboveground Lepidopteran insects, has tolerance to glyphosate, and has non-Bt seed blended in the bag creating refuge in the bag.
GENVT3PRIB, VT3P RIB	A triple stack package that protects against European and Southwest corn borer, corn earworm, fall armyworm, and corn rootworm, is glyphosate tolerant, and has non-Bt seed blended in the bag creating refuge in the bag.
GT	Refers to glyphosate (Roundup) herbicide tolerance.
3110GT	All indicate tolerance to both glufosinate-ammonium (Ignite) and glyphosate (Roundup) herbicides in addition to having protection from Western, Northern, Southern and Mexican rootworm and European and Southwestern corn borer.
HX1	Contains a <i>Bacillus thuringiensis</i> (Bt) event for protection against European corn borer.
LL	Refers to glufosinate (Liberty) herbicide tolerance.
Poncho 250, 500 or 1250	An insecticide seed treatment with the number referring to the concentration of insecticide used.
RIB	Has non-Bt seed blended in the bag creating refuge in the bag
RR	Has glyphosate herbicide tolerance.
RR2	Designates the second generation event for glyphosate herbicide tolerance.
RW	Designates protection against corn rootworm.
SSX, STX	Refers to a SmartStax hybrid.
SSXRA	Refers to a SmartStax hybrid that has non-Bt seed blended in the bag creating refuge in the bag.
Votivo 500 and Votivo 1250	A nematicide seed treatment.
VT2P, VT2PRO	Contains RR2 gene and YieldGard corn stalk borer gene
VT2PRO/DroughtGard	Contains RR2 gene, YieldGard corn stalk borer gene, and Drought Gard gene.
VT2PDG RIB	Contains RR2 gene, YieldGard corn stalk borer gene, Drought Gard gene, and non-Bt seed blended in the bag for refuge in the bag.
VT3PRO	Contains RR2 gene plus above and below ground insect protection.
VT3P RIB	A triple stack package that protects against European and Southwest corn borer, corn earworm, fall armyworm, and corn rootworm, is glyphosate tolerant, and has 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 Maryland during 2015.

Brand/Company Name	Hybrid Name	Relative Maturity	Genetic Traits ¹	Seed Treatment
Augusta	2956	106	Conventional	Cruiser 250
Augusta	4758²	107	VT2PRO	Cruiser 250
Augusta	5457	107	Conventional	Cruiser 250
Dekalb	DKC52-30RIB	102	GENSSRIB	A500/Votivo
Dekalb	DKC52-84RIB	102	GENSSRIB	A500/Votivo
Dekalb	DKC54-38RIB	104	GENSSRIB	A500/Votivo
Dekalb	DKC55-20RIB	105	GENSSRIB	A500/Votivo
Dekalb	DKC57-75RIB	107	GENSSRIB	A500/Votivo
Dekalb	DKC57-92RIB²	107	GENSSRIB	A500/Votivo
Doebler's	RPM® 563HXR™	105	HX1/LL/RR2	CruiserMax 250
Pioneer	P210AM²	102	AM, LL, RR2	

¹Refer to Table 4 to see the descriptions of the trait codes.

²Hybrids in **bold print** are check hybrids that were included with funding from the Maryland Grain Producers' Utilization Board.

Table 6. Relative maturity, genetic traits, and seed treatments for mid-season hybrids tested in Maryland during 2015.

BRAND/COMPANY NAME	HYBRID NAME	RELATIVE MATURITY	GENETIC TRAITS ¹	SEED TREATMENT
Augusta	4959²	109	3110GT	Cruiser 250
Augusta	5062	112	Conventional	Cruiser 250
Augusta	5262	112	Conventional	Cruiser 250
Dekalb	DKC60-67RIB	110	GENSSRIB	A500/Votivo
Dekalb	DKC61-88RIB²	111	GENVT3PRIB	A500/Votivo
Dekalb	DKC62-08RIB	112	GENSSRIB	A500/Votivo
Dekalb	DKC62-77RIB	112	GENSSRIB	A500/Votivo
Doebler's	RPM® 4816AM™	108	AcreMax Above	CruiserMax 250
Doebler's	RPM® 5015AM™	110	AcreMax Above	CruiserMax 250
Doebler's	RPM® 5125AM™	111	AcreMax Above	CruiserMax 250
Dyna-Gro	D52VC91	112	VT2 PRO	Ponch500/Votivo
Hubner	H12G703	112	VT2PDG RIB	Poncho500/Votivo
Hubner	H5420RC2P	110	VT3P RIB	Poncho500/Votivo
Mycogen	2Y669	108	SSXRA	Cruiser 500
Mycogen	X13652VH	109		
Mycogen	X13759S3	111	SSX	Cruiser 500
NK	N59B-3111A	108	BT, RR, LL,RW	Avicta Complete Corn
NK	N66V-3000GT	110	BT, RR, LL,RW	Avicta Complete Corn
Pioneer	P1184AM²	111	AM, LL, RR2	
TA Seeds	TA583-22DPRIB	108	VT2P	Cruiser 250
TA Seeds	TA636-22DPRIB	111	VT2P	Cruiser 250

¹Refer to Table 4 to see the descriptions of the trait codes.

²Hybrids in **bold print** are check hybrids that were included with funding from the Maryland Grain Producers' Utilization Board.

Table 7. Relative maturity, genetic traits, and seed treatments for full-season hybrids tested in Maryland during 2015.

Brand/ Company Name	Hybrid Name	Relative Maturity	Genetic Traits ¹	Seed Treatment
Augusta	5063	113	VT2Pro	Cruiser 250
Augusta	6465	115	VT2Pro	Cruiser 250
Augusta	6664	114	VT2Pro	Cruiser 250
Dekalb	DKC63-33RIB	113	GENSSRIB	A500/Votivo
Dekalb	DKC64-87RIB	114	GENSSRIB	A500/Votivo
Dekalb	DKC65-19RIB	115	GENVT3PRIB	A500/Votivo
Dekalb	DKC67-72RIB	117	GENVT2PRIB	A500/Votivo
Doebler's	5615GRQ	116	Agrisure 3000GT	CruiserMax 250
Doebler's	RPM® 5315AMXT™	113	AcreMax Xtreme	CruiserMax 250
Dyna-Gro	D53VC47	113	VT2 PRO	Ponch500/Votivo
Dyna-Gro	D54DC94	114	VT2PRO/Drought/Gard	Ponch500/Votivo
Dyna-Gro	D57DC58	117	VT2PRO/Drought/Gard	Ponch500/Votivo
Dyna-Gro	D57VP51	117	VT3 PRO	Ponch500/Votivo
Hubner	H14G153	114	VT2PDG RIB	Poncho500/Votivo
Hubner	H4663RC2P	113	VT2P RIB	Poncho500/Votivo
Hubner	H4744RC2P	113	VT2P RIB	Poncho500/Votivo
Hubner	H4764RC2P	114	VT2P RIB	Poncho500/Votivo
Mycogen	2C799	113	SSXRA	Cruiser 500
NK	N74L-GT	114	RR,	Avicta Complete Corn
NK	N75H-3010A	114	BT,RR,LL	Avicta Complete Corn
NK	N76A-3010	115	BT,RR,LL	Avicta Complete Corn
NK	N78C-3111	117	BT,RR,LL,RW	Avicta Complete Corn
Pioneer	P1498AM	114	AM, LL, RR2	
TA Seeds	TA736-22DPRIB	113	VT2P	Cruiser 250
TA Seeds	TA746-28RIB	114	STX	Cruiser 250
TA Seeds	TA774-22DPRIB	117	VT2P	Cruiser 250

¹Refer to Table 4 to see the descriptions of the trait codes.

²Hybrids in **bold print** are check hybrids that were included with funding from the Maryland Grain Producers' Utilization Board.

Table 8. Performance of early maturity hybrids evaluated at five Maryland locations during 2015.

Entry Number	Brand/Company Name	Hybrid Name ¹	Yield (bu/A) ²	Relative Yield	Moisture %	Lodging ³ %	Test Weight (lb/bu) ²	Population (plants/A)
37	Dekalb	DKC57-75RIB	186.1*	105.0	20.9	0.3	58.3	24483
31	Dekalb	DKC55-20RIB	184.4*	104.1	21.0	0.1	59.3	25216
38	Dekalb⁴	DKC57-92RIB	183.8*	103.7	22.3	0.4	62.3	25098
14	Dekalb	DKC52-30RIB	183.6*	103.6	20.1	0.1	58.2	25947
46	Pioneer⁴	P210AM	182.8*	103.2	19.4	0.5	57.8	24910
39	Doebler's	RPM [®] 563HXR [™]	181.7*	102.5	20.7	0.4	59.2	25693
16	Dekalb	DKC54-38RIB	178.9*	101.0	20.7	0.2	58.9	25456
11	Augusta	2956	175.8	99.2	19.1	0.2	58.0	24889
13	Augusta	5457	172.9	97.6	19.4	0.2	58.2	25647
15	Dekalb	DKC52-84RIB	165.1	93.2	21.9	0.5	59.1	25325
12	Augusta⁴	4758	153.5	86.6	18.4	0.6	55.7	25809
Mean			177.2		20.3	0.32	58.6	25319
Probability > F			<0.0001		<0.0001	0.81	<0.0001	0.0041
LSD_{0.05}			10.3		0.6	NS⁵	0.6	751
CV%			8.0		4.3	254	1.4	4.1

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

²Yields and test weights are reported at 15.5% moisture content.

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

⁴Hybrids in **bold** are checks included with funding from the 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 significantly different (p=0.05) compared to the **top-yielding hybrid**.

Table 9. Performance of mid-season maturity hybrids evaluated at five Maryland locations during 2015.

Entry No.	Brand/Company Name	Hybrid Name ¹	Yield (bu/A) ²	Relative Yield	Moisture %	Lodging ³ %	Test Weight (lb/bu) ²	Population (plants/A)
18	Dekalb⁴	DKC61-88RIB	198.9*	107.5	23.2	0.6	59.8	25487
50	NK	N66V-3000GT	194.0*	104.9	21.8	0.3	59.7	25504
6	Dyna-Gro	D52VC91	193.9*	104.8	24.6	1.2	62.3	26322
20	Dekalb	DKC62-77RIB	191.1*	103.3	23.6	0.1	59.3	25064
25	Hubner	H5420RC2P	189.4*	102.4	24.1	0.5	59.1	25621
32	Doebler's	RPM® 4816AM™	188.9	102.1	22.4	0.5	60.1	24867
26	Hubner	H12G703	188.8	102.1	23.3	0.4	59.7	26076
19	Dekalb	DKC62-08RIB	188.6	101.9	24.1	0.6	59.4	26211
17	Dekalb	DKC60-67RIB	188.5	101.9	23.1	0.4	60.8	25536
57	Mycogen	X13652VH	187.5	101.4	23.7	0.5	59.0	25161
34	Doebler's	RPM® 5125AM™	186.5	100.8	22.8	0.4	59.6	25581
33	Doebler's	RPM® 5015AM™	186.3	100.7	22.9	1	59.4	25236
58	Mycogen	2Y669	181.6	98.2	24.0	0.4	59.6	25124
49	NK	N59B-3111A	181.3	98.0	25.4	0.6	59.2	25171
40	Augusta⁴	4959	179.7	97.1	24.7	0.4	62.9	25892
41	Augusta	5062	179.7	97.1	25.7	1.1	63.9	23960
2	TA Seeds	TA636-22DPRIB	179.3	96.9	22.7	0.6	59.3	26993
42	Augusta	5262	177.5	95.9	27.0	0.9	55.6	24723
47	Pioneer⁴	P1184AM	176.0	95.1	22.8	0.6	62.4	25020
1	TA Seeds	TA583-22DPRIB	175.5	94.9	22.5	0.4	59.2	24113
60	Mycogen	X13759S3	172.0	93.0	24.7	2.4	58.4	24902
Trial Mean			185.0		23.8	0.66	59.9	25360
Probability > F			<0.0001		<0.0001	<0.0001	<0.0001	<0.0001
LSD_{0.05}			9.5		0.7	0.66	0.6	965
CV%			7.1		4.0	139	1.4	5.3

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

²Yields and test weights are reported at 15.5% moisture content.

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

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

*Hybrids with an asterisk next to yield are not significantly different (p=0.05) compared to the **top-yielding hybrid**.

Table 10. Performance of full season hybrids evaluated at five Maryland during 2015.

Test Entry No.	Brand/ Company Name	Hybrid Name ¹	Yield (bu/a) ²	Relative Yield	Moisture %	Lodging ³ %	Test Weight (lb/bu) ²	Population (plants/A)
28	Hubner	H4744RC2P	201.1*	105.2	25.8	1.5	61.5	25669
45	Augusta⁴	6465	198.7*	104.0	26.6	0.1	59.9	25083
21	Dekalb	DKC63-33RIB	198.5*	103.9	21.7	0.3	59.5	25633
23	Dekalb⁴	DKC65-19RIB	197.9*	103.6	25.8	0.6	62.4	25659
24	Dekalb	DKC67-72RIB	197.1*	103.1	27.4	0.4	60.9	24870
59	Mycogen	2C799	196.4*	102.8	26.5	1.3	59.3	25464
30	Hubner	H14G153	196.3*	102.7	26.6	0.2	59.9	25468
5	TA Seeds	TA774-22DPRIB	195.4*	102.3	26.8	0.9	59.6	25427
43	Augusta	6664	194.9*	102.0	25.4	2.2	60.2	25770
44	Augusta	5063	193.5*	101.3	26.2	1.6	61.1	25262
22	Dekalb	DKC64-87RIB	193.3*	101.2	24.1	0.2	59.2	25860
3	TA Seeds	TA736-22DPRIB	192.7*	100.8	24.2	0.9	61.6	25656
27	Hubner	H4663RC2P	192.5*	100.7	24.6	1.3	59.0	25659
9	Dyna-Gro	D57DC58	192.4*	100.7	26.7	1	59.6	25560
8	Dyna-Gro	D54DC94	191.5*	100.2	26.9	0.3	59.9	25408
51	NK	N75H-3010A	190.0*	99.4	25.4	0.3	57.9	24619
35	Doebler's	RPM [®] 5315AMXT [™]	189.5*	99.2	24.1	1.1	59.4	25718
4	TA Seeds	TA746-28RIB	189.2*	99.0	24.4	0.3	60.4	25816
53	NK	N74L-GT	185.4	97.0	25.4	0.5	57.7	24919
54	NK	N78C-3111	184.7	96.7	27.2	1.7	56.6	25689
29	Hubner	H4764RC2P	184.2	96.4	24.3	0.4	59.8	25359
10	Dyna-Gro	D57VP51	183.3	95.9	23.8	1	60.3	25722
48	Pioneer⁴	P1498AM	183.0	95.8	24.1	0.5	60.4	25343
52	NK	N76A-3010	183.0	95.8	24.4	0.8	56.8	25187
7	Dyna-Gro	D53VC47	181.4	94.9	25.5	0.6	57.9	24903
36	Doebler's	5615GRQ	179.0	93.7	26.4	0.4	58.8	25619
Trial Mean			191.1		25.4	0.77	59.6	25436
Probability > F			0.0035		<0.0001	<0.0001	<0.0001	0.43
LSD_{0.05}			12.1		0.9	0.76	1.0	NS⁵
CV%			8.8		4.9	138	2.4	4.9

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

²Yields and test weights are reported at 15.5% moisture content.

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

⁴Hybrids in **bold** are check hybrids included with funding from the 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 significantly different (p=0.05) compared to the **top-yielding hybrid**.

Table 11. Performance of early maturity hybrids evaluated at Wye Research and Education Center, Queenstown, MD during 2015.

Entry No.	Brand/Company Name	Hybrid Name ¹	Yield (bu/A) ²	Relative Yield	Moisture %	Lodging ³ %	Test Weight (lb/bu) ²	Population (plants/A)
14	Dekalb	DKC52-30RIB	198.3	109.8	19.0	0.3	57.7	26499
38	Dekalb⁴	DKC57-92RIB	197.8*	109.5	20.6	0.4	61.5	25047
37	Dekalb	DKC57-75RIB	197.2*	109.2	20.3	0.0	57.3	23414
16	Dekalb	DKC54-38RIB	191.4*	105.9	19.3	0.7	57.7	24321
31	Dekalb	DKC55-20RIB	190.3*	105.3	19.9	0.3	58.2	24503
39	Doebler's	RPM® 563HXR™	186.9*	103.4	18.6	0.3	57.3	25410
46	Pioneer⁴	P210AM	181.8*	100.6	18.4	2.1	55.9	23051
11	Augusta	2956	178.2*	98.6	18.1	0.8	56.6	22506
13	Augusta	5457	169.3	93.7	18.0	0.4	56.8	25047
15	Dekalb	DKC52-84RIB	158.2	87.6	21.0	1.1	57.6	24684
12	Augusta⁴	4758	137.7	76.2	17.4	1.5	54.9	25410
Trial Mean			180.7		19.2	0.72	57.4	24,536
Probability > F			0.0008		0.0005	0.76	<0.0001	0.077
LSD_{0.05}			24.4		1.4	NS⁵	1.4	2377
CV%			7.9		4.4	183	1.4	5.7

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

²Yields and test weights are reported at 15.5% moisture content.

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

⁴Hybrids (**bold**) are included as checks with funding from the 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 significantly different (Probability > F ≤ 0.05) compared to the **top-yielding hybrid** at this location.

Table 12. Performance of mid-season maturity hybrids evaluated at Wye R&E Center, Queenstown, MD during 2015.

Entry No.	Brand/Company Name	Hybrid Name ¹	Yield (bu/A) ²	Relative Yield	Moisture %	Lodging ³ %	Test Weight (lb/bu) ²	Population (plants/A)
26	Hubner	H12G703	210.7	109.0	23.2	1.4	58.1	25229
50	NK	N66V-3000GT	210.3*	108.9	20.9	0.0	59.2	25773
18	Dekalb ⁴	DKC61-88RIB	210.0*	108.7	22.3	2.5	59.0	25047
20	Dekalb	DKC62-77RIB	208.0*	107.6	22.6	0.4	58.2	24140
2	TA Seeds	TA636-22DPRIB	203.8*	105.5	22.6	0.7	58.4	25410
6	Dyna-Gro	D52VC91	200.6*	103.8	24.7	3.3	61.7	24684
19	Dekalb	DKC62-08RIB	199.9*	103.5	24.7	1.8	59.7	24866
32	Doebler's	RPM® 4816AM™	198.8*	102.9	21.7	0.0	59.4	24140
33	Doebler's	RPM® 5015AM™	197.8*	102.4	23.4	0.8	59.1	23414
25	Hubner	H5420RC2P	195.1*	101.0	24.0	1.1	58.9	24684
17	Dekalb	DKC60-67RIB	193.7*	100.3	22.0	0.8	59.7	23777
41	Augusta	5062	192.9*	99.8	24.4	0.3	62.8	24503
49	NK	N59B-3111A	190.8*	98.8	25.1	0.4	58.7	23414
58	Mycogen	2Y669	190.5*	98.6	22.3	0.4	58.1	23414
42	Augusta	5262	189.5	98.1	24.9	1.5	55.4	23414
47	Pioneer ⁴	P1184AM	188.7	97.7	21.2	1.4	61.2	25592
57	Mycogen	X13652VH	184.2	95.3	23.1	1.5	58.0	23414
34	Doebler's	RPM® 5125AM™	179.1	92.7	22.4	0.8	58.6	23958
40	Augusta ⁴	4959	177.8	92.0	23.0	1.2	61.0	24321
1	TA Seeds	TA583-22DPRIB	177.4	91.8	19.8	0.8	57.5	23414
60	Mycogen	X13759S3	156.7	81.1	24.0	8.3	58.3	23051
Trial Mean			193.2		23.0	1.4	59.1	24,269
Probability > F			0.0006		<0.0001	<0.0001	<0.0001	0.70
LSD_{0.05}			20.8		1.6	2.1	1.1	NS⁵
CV%			6.5		4.2	90	1.1	6.6

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

²Yields and test weights are reported at 15.5% moisture content.

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

⁴Hybrids in **bold** are checks included with funding from the 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 significantly different (Probability > F ≤ 0.05) compared to the **top-yielding hybrid** at this location.

Table 13. Performance of full season hybrids evaluated at Wye Research and Education Center, Queenstown, MD during 2015.

Test Entry No.	Brand/ Company Name	Hybrid Name ¹	Yield (bu/a) ²	Relative Yield	Moisture %	Lodging ³ %	Test Weight (lb/bu) ²	Population (plants/A)
30	Hubner	H14G153	225.3	113.2	27.0	0.4	59.3	25229
54	NK	N78C-3111	219.6*	110.3	27.9	0.3	56.3	25229
8	Dyna-Gro	D54DC94	214.9*	107.9	27.2	0.0	59.1	23777
27	Hubner	H4663RC2P	211.2*	106.1	24.7	1.1	58.5	24866
51	NK	N75H-3010A	208.6*	104.8	26.7	0.0	57.8	23958
53	NK	N74L-GT	208.0*	104.5	25.3	0.4	58.1	24321
52	NK	N76A-3010	207.1*	104.0	23.2	1.6	56.6	24140
23	Dekalb⁴	DKC65-19RIB	206.2*	103.6	26.4	1.8	62.1	25410
3	TA Seeds	TA736-22DPRIB	205.9*	103.4	24.1	2.9	61.0	24866
22	Dekalb	DKC64-87RIB	202.6*	101.8	23.6	0.4	59.5	24140
45	Augusta⁴	6465	201.6*	101.3	26.4	0.4	59.1	22869
10	Dyna-Gro	D57VP51	200.4*	100.6	23.3	3.0	60.5	23595
24	Dekalb	DKC67-72RIB	199.3*	100.1	29.6	0.0	61.5	23777
21	Dekalb	DKC63-33RIB	195.3	98.1	20.6	0.8	59.8	23958
29	Hubner	H4764RC2P	194.4	97.6	23.5	1.5	59.0	24684
36	Doebler's	5615GRQ	194.0	97.5	25.9	0.0	58.2	24321
4	TA Seeds	TA746-28RIB	192.3	96.6	24.1	0.4	59.5	24866
35	Doebler's	RPM [®] 5315AMXT [™]	192.0	96.4	24.1	2.3	58.8	23958
5	TA Seeds	TA774-22DPRIB	191.6	96.2	26.8	2.0	59.8	23232
28	Hubner	H4744RC2P	189.8	95.3	25.4	3.0	61.8	23958
9	Dyna-Gro	D57DC58	188.4	94.6	26.1	2.6	58.9	24321
44	Augusta	5063	187.8	94.3	26.6	4.9	61.3	23958
59	Mycogen	2C799	186.0	93.4	25.0	3.3	58.6	22506
43	Augusta	6664	185.7	93.3	25.5	7.5	60.4	23232
7	Dyna-Gro	D53VC47	184.2	92.5	24.7	0.4	57.7	23595
48	Pioneer⁴	P1498AM	183.6	92.2	24.4	0.0	61.1	23958
Trial Mean			199.1		25.3	1.58	59.4	24,105
Probability > F			0.19		<0.0001	<0.0001	<0.0001	0.812
LSD_{0.05}			27.8		2.2	2.2	1.3	NS⁵
CV%			8.5		5.4	85	1.3	6.1

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

²Yields and test weights are reported at 15.5% moisture content.

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

⁴Hybrids in **bold** are check hybrids included with funding from the 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 significantly different (Probability > F ≤ 0.05) compared to the **top yielding hybrid** at this location.

Table 14. Performance of early season hybrids at Lower Eastern Shore R&E Center- Poplar Hill Facility, Quantico, MD during 2015.

Test Entry No.	Brand/Company Name	Hybrid Name ¹	Yield (bu/A) ²	Relative Yield	Moisture %	Lodging ³ %	Test Weight (lb/bu) ²	Population (plants/A)
37	Dekalb	DKC57-75RIB	193.9	112.6	23.3	0.0	58.3	24321
16	Dekalb	DKC54-38RIB	182.7*	106.1	22.4	0.0	58.8	25410
11	Augusta	2956	180.8*	105.0	20.6	0.0	58.0	26318
14	Dekalb	DKC52-30RIB	176.1*	102.3	21.9	0.3	58.5	26318
31	Dekalb	DKC55-20RIB	174.3	101.2	22.1	0.0	59.4	24684
15	Dekalb	DKC52-84RIB	170.0	98.7	24.3	0.0	58.9	25592
13	Augusta	5457	169.7	98.6	20.2	0.4	58.2	25955
39	Doebler's	RPM® 563HXR™	168.8	98.0	23.0	0.3	59.1	26318
38	Dekalb⁴	DKC57-92RIB	168.3	97.7	23.8	0.0	62.9	23777
46	Pioneer⁴	P210AM	160.5	93.2	20.8	0.0	57.8	25592
12	Augusta⁴	4758	149.0	86.5	20.7	0.4	56.7	26499
Trial Mean			172.2		22.1	0.13	58.8	25,526
Probability > F			0.0069		<0.0001	0.714	<0.0001	0.0086
LSD_{0.05}			18.3		1.4	NS⁵	1.3	1439
CV%			6.2		3.8	287	1.3	3.3

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

²Yields and test weights are reported at 15.5% moisture content.

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

⁴Hybrids in **bold** are check hybrids included with funding from the 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 significantly different (Probability > F ≤ 0.05) compared to the **top-yielding hybrid** at this location.

Table 15. Performance of mid-season hybrids evaluated at Lower Eastern Shore R&E Center- Poplar Hill Facility, Quantico, MD during 2015.

Test Entry No.	Brand/Company Name	Hybrid Name ¹	Yield (bu/A) ²	Relative Yield	Moisture %	Lodging ³ %	Test Weight (lb/bu)	Population (plants/A)
20	Dekalb	DKC62-77RIB	199.2	111.4	26.5	0.0	58.4	25410
32	Doebler's	RPM® 4816AM™	194.2*	108.6	24.6	0.7	59.8	25955
18	Dekalb⁴	DKC61-88RIB	190.4*	106.5	25.7	0.0	59.8	25410
50	NK	N66V-3000GT	190.2*	106.4	25.1	0.0	60.5	26681
6	Dyna-Gro	D52VC91	187.6*	104.9	26.6	0.0	61.9	26499
57	Mycogen	X13652VH	184.2*	103.0	25.3	0.0	58.3	25047
33	Doebler's	RPM® 5015AM™	182.9*	102.3	25.8	0.3	59.3	25592
19	Dekalb	DKC62-08RIB	182.0*	101.8	28.1	0.0	59.8	27225
58	Mycogen	2Y669	181.2*	101.4	27.2	0.0	58.8	25047
1	TA Seeds	TA583-22DPRIB	178.6*	99.9	26.0	0.4	59.7	24140
26	Hubner	H12G703	178.5*	99.9	25.8	0.0	59.8	25592
49	NK	N59B-3111A	178.4*	99.8	28.8	0.4	59.1	25773
25	Hubner	H5420RC2P	175.8*	98.3	26.4	0.0	59.7	25592
17	Dekalb	DKC60-67RIB	174.0	97.3	25.6	0.0	60.8	25410
41	Augusta	5062	171.4	95.9	28.5	1.2	63.5	23958
40	Augusta⁴	4959	171.1	95.7	28.9	0.0	63.9	26318
60	Mycogen	X13759S3	170.7	95.4	27.1	0.0	57.2	25047
42	Augusta	5262	170.5	95.3	30.9	0.4	54.0	23958
2	TA Seeds	TA636-22DPRIB	169.4	94.7	24.7	0.0	57.9	26499
34	Doebler's	RPM® 5125AM™	166.4	93.1	25.9	0.0	59.3	25047
47	Pioneer⁴	P1184AM	158.3	88.6	25.5	0.0	62.7	24684
Trial Mean			178.8		26.6	0.16	59.7	25,471
Probability > F			0.141		<0.0001	0.24	<0.0001	0.003
LSD_{0.05}			23.4		1.4	NS⁵	1.8	1514
CV%			7.9		3.1	292	1.8	3.6

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

²Yields and test weights are reported at 15.5% moisture content.

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

⁴Hybrids in **bold** are check hybrids included with funding from the 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 significantly different (Probability > F ≤ 0.05) compared to the **top-yielding hybrid** at this location.

Table 16. Performance of full season hybrids evaluated at Lower Eastern Shore R&E Center- Poplar Hill Facility, Quantico, MD during 2015.

Test Entry No.	Brand/ Company Name	Hybrid Name ¹	Yield (bu/A) ²	Relative Yield	Moisture %	Lodging ³ %	Test Weight (lb/bu) ²	Population (plants/A)
24	Dekalb	DKC67-72RIB	206.3	112.1	25.5	0.0	56.5	25047
21	Dekalb	DKC63-33RIB	203.4*	110.5	21.3	0.0	54.7	26681
45	Augusta⁴	6465	199.1*	108.2	26.5	0.0	57.9	25955
43	Augusta	6664	198.6*	107.9	25.3	1.0	56.5	26681
23	Dekalb⁴	DKC65-19RIB	198.2*	107.6	26.2	1.0	59.4	25773
28	Hubner	H4744RC2P	194.9*	105.9	27.0	1.0	58.5	25592
35	Doebler's	RPM® 5315AMXT™	194.3*	105.6	26.1	0.0	59.1	25955
30	Hubner	H14G153	192.3*	104.5	26.2	0.0	56.3	25047
5	TA Seeds	TA774-22DPRIB	192.1*	104.4	28.0	1.1	57.4	25955
22	Dekalb	DKC64-87RIB	190.2*	103.3	23.4	0.0	55.2	25773
59	Mycogen	2C799	190.0*	103.2	27.5	0.7	58.0	26136
8	Dyna-Gro	D54DC94	188.8*	102.6	28.4	0.4	59.0	25229
9	Dyna-Gro	D57DC58	188.2*	102.2	27.8	0.3	56.4	25773
10	Dyna-Gro	D57VP51	180.9*	98.3	25.6	0.7	57.1	26318
52	NK	N76A-3010	180.5*	98.1	24.8	0.7	55.8	24503
44	Augusta	5063	179.5*	97.5	26.4	1.1	58.1	25410
4	TA Seeds	TA746-28RIB	177.5*	96.4	26.7	0.3	59.4	26136
53	NK	N74L-GT	175.9	95.6	26.4	0.4	58.5	25229
51	NK	N75H-3010A	173.7	94.3	26.5	0.0	55.7	23958
29	Hubner	H4764RC2P	172.5	93.7	24.8	0.0	57.9	24866
7	Dyna-Gro	D53VC47	171.2	93.0	26.7	0.7	56.7	25955
48	Pioneer⁴	P1498AM	171.1	92.9	24.6	0.7	56.7	26136
54	NK	N78C-3111	171.0	92.9	28.0	4.7	52.5	26136
3	TA Seeds	TA736-22DPRIB	170.0	92.3	25.4	0.3	61.6	25955
27	Hubner	H4663RC2P	163.3	88.7	26.1	3.9	57.3	25047
36	Doebler's	5615GRQ	158.4	86.0	28.0	1.8	56.7	24684
Trial Mean			184.1		26.1	0.80	57.3	25,613
Probability > F			0.083		<0.0001	0.22	0.235	0.89
LSD_{0.05}			29.6		1.9	2.7	4.2	NS⁵
CV%			9.8		4.5	216	4.5	5.6

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

²Yields and test weights are reported at 15.5% moisture content.

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

⁴Hybrids in **bold** are check hybrids included with funding from the 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 significantly different (Probability > F ≤ 0.05) compared to the **top-yielding hybrid** at this location.

Table 17. Performance of early-season hybrids evaluated at Lower Eastern Shore Research and Education Center, Salisbury Facility, Salisbury, MD during 2015.

Test Entry No.	Brand/ Company Name	Hybrid Name ¹	Yield (bu/A) ²	Relative Yield	Moisture %	Lodging ³ %	Test Weight (lb/bu) ²	Population (plants/A)
39	Doebler's	RPM® 563HXR™	177.9	115.6	18.9	0.0	59.4	25773
46	Pioneer⁴	P210AM	162.3*	105.6	18.5	0.0	57.4	23414
16	Dekalb	DKC54-38RIB	161.0*	104.7	18.9	0.0	58.2	25955
31	Dekalb	DKC55-20RIB	159.5*	103.7	18.7	0.0	57.9	24684
13	Augusta	5457	155.7	101.2	17.9	0.0	56.4	25229
38	Dekalb⁴	DKC57-92RIB	154.4	100.4	20.8	1.1	60.4	25773
14	Dekalb	DKC52-30RIB	152.6	99.2	19.2	0.0	57.3	25229
11	Augusta	2956	152.3	99.0	17.5	0.4	56.8	25047
37	Dekalb	DKC57-75RIB	148.7	96.7	18.2	1.5	56.8	24503
15	Dekalb	DKC52-84RIB	146.0	94.9	20.8	1.1	59.2	25592
12	Augusta⁴	4758	121.6	79.1	17.5	0.4	54.3	25410
Trial Mean			153.8		19.3	0.41	57.6	25,146
Probability > F			0.005		<0.0001	0.59	<0.0001	0.005
LSD_{0.05}			20.6		1.2	NS⁵	1.1	1096
CV%			7.9		3.5	262	1.1	2.6

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

²Yields and test weights are reported at 15.5% moisture content.

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

⁴Hybrids in **bold** are check hybrids included with funding from the 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 significantly different (Probability > F ≤ 0.05) compared to the **top yielding hybrid** at this location.

Table 18. Performance of mid-season hybrids evaluated at Lower Eastern Shore R&E Center, Salisbury Facility, Salisbury, MD during 2015.

Test Entry No.	Brand/Company	Hybrid Name ¹	Yield (bu/A) ²	Relative Yield	Moisture %	Lodging ³ %	Test Weight (lb/bu) ²	Population plants/A)
6	Dyna-Gro	D52VC91	193.3	113.7	23.5	2.1	61.3	26499
50	NK	N66V-3000GT	187.1*	110.1	20.8	0.4	58.2	26136
18	Dekalb⁴	DKC61-88RIB	186.8*	109.9	22.1	0.3	59.0	25955
34	Doebler's	RPM® 5125AM™	181.2*	106.6	20.9	1.0	58.7	25592
26	Hubner	H12G703	180.1*	105.9	22.6	0.7	59.3	25955
33	Doebler's	RPM® 5015AM™	179.1*	105.4	22.1	3.8	59.1	26499
57	Mycogen	X13652VH	177.1*	104.2	22.5	0.4	58.7	25410
19	Dekalb	DKC62-08RIB	175.9*	103.5	22.8	1.1	58.8	25229
20	Dekalb	DKC62-77RIB	175.4*	103.2	21.6	0.0	58.5	25592
47	Pioneer⁴	P1184AM	171.2	100.7	21.6	1.4	61.8	25592
40	Augusta⁴	4959	170.2	100.1	23.1	1.0	62.1	25773
17	Dekalb	DKC60-67RIB	168.1	98.9	21.1	0.7	59.6	26318
32	Doebler's	RPM® 4816AM™	167.6	98.6	21.8	0.8	59.3	23414
49	NK	N59B-3111A	164.2	96.6	23.7	1.4	59.0	25410
58	Mycogen	2Y669	163.9	96.4	22.5	1.1	58.9	25047
25	Hubner	H5420RC2P	162.2	95.4	22.0	1.4	56.8	25592
41	Augusta	5062	161.6	95.1	24.6	2.6	62.8	23958
1	TA Seeds	TA583-22DPRIB	157.7	92.8	21.8	0.0	58.5	24503
42	Augusta	5262	155.9	91.7	26.8	1.7	56.1	26318
60	Mycogen	X13759S3	154.3	90.8	21.6	3.6	57.4	26318
2	TA Seeds	TA636-22DPRIB	137.2	80.7	21.1	2.4	59.2	26862
Trial Mean			170.0		22.4	1.33	59.2	25,618
Probability > F			0.0017		<0.0001	0.061	<0.0001	0.004
LSD_{0.05}			21.6		1.5	2.3	1.2	1490
CV%			7.7		4.0	104	1.2	3.5

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

²Yields and test weights are reported at 15.5% moisture content.

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

⁴Hybrids in **bold** are check hybrids included with funding from the Maryland Grain Producers' Utilization Board.

*Hybrids with an asterisk next to yield are not significantly different (Probability > F ≤ 0.05) compared to the **top-yielding hybrid** at this location.

Table 19. Performance of full season hybrids evaluated at Lower Eastern Shore R&E Center, Salisbury Facility, Salisbury, MD during 2015.

Test Entry No.	Brand/Company Name	Hybrid Name ¹	Yield (bu/a) ²	Relative Yield	Moisture %	Lodging ³ %	Test Weight (lb/bu) ²	Population (plants/A)
28	Hubner	H4744RC2P	205.7	117.6	25	3.2	61.8	25592
45	Augusta⁴	6465	195.2*	111.6	25.3	0.0	59.4	25592
5	TA Seeds	TA774-22DPRIB	194.3*	111.1	23.6	1.4	59.0	25955
8	Dyna-Gro	D54DC94	186.4*	106.5	24.8	0.3	58.9	26681
23	Dekalb⁴	DKC65-19RIB	186.2*	106.4	25.1	0.3	63.3	26136
51	NK	N75H-3010A	183.7*	105.0	24.1	0.7	57.4	26136
59	Mycogen	2C799	183.6*	104.9	24.4	2.6	59.1	24866
44	Augusta	5063	183.3*	104.8	25.6	1.5	60.8	25592
35	Doebler's	RPM® 5315AMXT™	181.2*	103.5	23.4	2.7	58.6	27225
54	NK	N78C-3111	180.3*	103.0	25.9	0.4	57.0	25773
3	TA Seeds	TA736-22DPRIB	179.3*	102.4	21.9	1.1	60.6	25773
27	Hubner	H4663RC2P	177.3	101.3	23	1.4	59.9	26318
43	Augusta	6664	174.3	99.6	23.7	2.1	60.9	25955
21	Dekalb	DKC63-33RIB	173.7	99.3	19.2	0.4	59.2	24866
24	Dekalb	DKC67-72RIB	173.4	99.1	24.6	1.4	60.0	25229
22	Dekalb	DKC64-87RIB	172.1	98.3	23.9	0.4	59.8	25410
29	Hubner	H4764RC2P	169.6	96.9	24.9	0.4	60.2	26681
4	TA Seeds	TA746-28RIB	168.3	96.2	22.5	0.3	61.0	26499
9	Dyna-Gro	D57DC58	167.7	95.8	23.7	0.7	60.0	25410
10	Dyna-Gro	D57VP51	167.7	95.8	23.3	0.7	60.7	25773
52	NK	N76A-3010	164.7	94.1	21.6	0.3	56.3	25592
36	Doebler's	5615GRQ	162.4	92.8	23.5	0.0	58.8	25592
48	Pioneer⁴	P1498AM	160.3	91.6	22.6	1.4	60.2	25410
7	Dyna-Gro	D53VC47	154.9	88.5	23.5	1.8	57.2	25229
30	Hubner	H14G153	152.3	87.0	25.1	0.7	60.6	26318
53	NK	N74L-GT	151.8	86.7	24.2	0.3	56.0	25047
Trial Mean			175.0		24.1	1.02	59.5	25,794
Probability > F			0.036		<0.0001	0.003	<0.0001	0.383
LSD_{0.05}			28.0		1.7	1.4	1.4	NS⁵
CV%			9.8		4.3	84	1.4	3.7

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

²Yields are reported at 15.5% moisture content.

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

⁴Hybrids in **bold** are check hybrids included with funding from the 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 significantly different (Probability > F ≤ 0.05) compared to the **top-yielding hybrid** at this location.

Table 20. Performance of early season hybrids evaluated at Western Maryland Research and Education Center, Keedysville, MD during 2015.

Test Entry No.	Brand/Company Name	Hybrid Name ¹	Yield (bu/A) ²	Relative Yield	Moisture %	Lodging ³ %	Test Weight (lb/bu) ²	Population (plants/A)
31	Dekalb	DKC55-20RIB	201.0	111.1	21.8	0.0	61.0	27044
46	Pioneer⁴	P210AM	195.1*	107.8	20.4	0.3	59.8	27219
38	Dekalb⁴	DKC57-92RIB	191.0*	105.6	23.4	0.4	63.7	25047
39	Doebler's	RPM® 563HXR™	190.5*	105.3	22.0	0.7	61.7	25410
14	Dekalb	DKC52-30RIB	188.2*	104.0	20.5	0.0	59.2	26136
37	Dekalb	DKC57-75RIB	186.5*	103.1	20.5	0.0	60.1	25592
11	Augusta	2956	174.8*	96.6	18.7	0.0	59.0	25410
13	Augusta	5457	174.4*	96.4	20.7	0.0	60.5	26136
12	Augusta⁴	4758	162.5	89.8	18.5	0.0	56.1	25592
16	Dekalb	DKC54-38RIB	161.4	89.2	19.7	0.0	59.5	26136
15	Dekalb	DKC52-84RIB	158.2	87.5	22.1	0.0	60.2	25592
Trial Mean			180.9		21.1	0.13	60.1	25,938
Probability > F			0.077		<0.0001	0.19	<0.0001	0.52
LSD_{0.05}			28.8		1.1	0.58	1.6	NS⁵
CV%			9.3		2.9	256	1.5	4.7

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

²Yields and test weights are reported at 15.5% moisture content.

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

⁴Hybrids in **bold** are check hybrids included with funding from the Maryland Grain Producers' Utilization Board.

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

*Hybrids with an asterisk are not significantly different (Probability > F ≤ 0.05) for yield compared to the **top-yielding hybrid** at this location.

Table 21. Performance of mid-season hybrids evaluated at Western Maryland Research and Education Center, Keedysville, MD during 2015.

Test Entry No.	Brand/Company	Hybrid Name ¹	Yield (bu/A) ²	Relative Yield	Moisture %	Lodging ³ %	Test Weight (lb/bu) ²	Population (plants/A)
25	Hubner	H5420RC2P	190.4	107.4	22.6	0.0	59.2	26681
17	Dekalb	DKC60-67RIB	189.1	106.7	22.2	0.4	61.4	26136
18	Dekalb⁴	DKC61-88RIB	188.8	106.6	21.8	0.0	60.5	25955
57	Mycogen	X13652VH	187.1	105.6	23.2	0.3	60.1	25410
50	NK	N66V-3000GT	186.8	105.4	21.1	0.4	60.3	23958
60	Mycogen	X13759S3	182.6	103.1	24.4	0.4	59.2	23958
34	Doebler's	RPM [®] 5125AM [™]	180.5	101.9	21.3	0.0	60.2	26318
19	Dekalb	DKC62-08RIB	180.3	101.7	21.6	0.0	58.5	27407
32	Doebler's	RPM [®] 4816AM [™]	180.1	101.6	21.3	0.0	60.9	26048
20	Dekalb	DKC62-77RIB	178.7	100.8	22.1	0.4	60.3	25592
1	TA Seeds	TA583-22DPRIB	176.6	99.6	22.5	0.4	60.8	24503
33	Doebler's	RPM [®] 5015AM [™]	175.4	99.0	21.1	0.3	60.6	26862
6	Dyna-Gro	D52VC91	174.3	98.4	22.9	0.4	62.7	27407
2	TA Seeds	TA636-22DPRIB	174.2	98.3	21.6	0.0	59.9	28314
40	Augusta⁴	4959	172.9	97.6	23.6	0.0	63.3	27407
58	Mycogen	2Y669	170.2	96.1	23.3	0.4	61.1	25592
26	Hubner	H12G703	169.8	95.8	21.0	0.0	59.4	26499
41	Augusta	5062	167.9	94.8	24.5	1.2	65.0	23958
42	Augusta	5262	167.9	94.7	24.3	0.4	55.5	25047
49	NK	N59B-3111A	166.9	94.2	23.3	0.4	59.3	25229
47	Pioneer⁴	P1184AM	160.3	90.4	21.8	0.0	62.8	25229
Trial Mean			177.2		22.5	0.26	60.5	25,881
Probability > F			0.373		<0.0001	0.67	<0.0001	0.097
LSD_{0.05}			NS⁵		1.5	NS⁵	1.3	2759
CV%			7.8		4.1	216	1.3	6.5

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

²Yields and test weights are reported at 15.5% moisture content.

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

⁴Hybrids in **bold** are check hybrids included with funding from the Maryland Grain Producers' Utilization Board.

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

Table 22. Performance of full season hybrids evaluated at Western Maryland Research and Education Center, Keedysville, MD during 2015.

Test Entry No.	Brand/Company Name	Hybrid Name ¹	Yield (bu/A) ²	Relative Yield	Moisture %	Lodging ³ %	Test Weight (lb/bu) ²	Population (plants/A)
59	Mycogen	2C799	214.4	111.7	28.7	0.0	60.4	27588
28	Hubner	H4744RC2P	210.2*	109.5	25.3	0.3	63.1	28133
22	Dekalb	DKC64-87RIB	206.5*	107.5	25.8	0.0	61.4	26681
27	Hubner	H4663RC2P	206.4*	107.5	23.3	0.0	59.8	26318
21	Dekalb	DKC63-33RIB	205.0*	106.8	23.5	0.3	62.0	25555
7	Dyna-Gro	D53VC47	201.2*	104.8	27.1	0.0	59.2	24959
30	Hubner	H14G153	201.0*	104.7	27.4	0.0	62.2	25773
43	Augusta	6664	198.6*	103.4	25.2	0.3	61.6	25410
3	TA Seeds	TA736-22DPRIB	198.5*	103.4	25.5	0.0	62.4	24503
44	Augusta	5063	198.3*	103.3	25.6	0.0	62.5	25410
5	TA Seeds	TA774-22DPRIB	194.2*	101.2	26.8	0.0	61.4	27407
48	Pioneer⁴	P1498AM	194.0*	101.0	24.3	0.0	62.7	26318
4	TA Seeds	TA746-28RIB	193.3*	100.7	23.4	0.3	61.0	26136
9	Dyna-Gro	D57DC58	192.1	100.1	27.0	0.3	61.4	25773
24	Dekalb	DKC67-72RIB	190.5	99.2	28.2	0.4	63.3	25129
36	Doebler's	5615GRQ	190.1	99.0	26.2	0.0	59.3	26587
23	Dekalb⁴	DKC65-19RIB	188.8	98.3	27.1	0.0	63.6	25229
51	NK	N75H-3010A	187.6	97.7	25.3	0.0	59.6	25229
53	NK	N74L-GT	187.1	97.4	25.5	1.1	57.9	25410
45	Augusta⁴	6465	186.1	96.9	27.3	0.0	61.4	24866
29	Hubner	H4764RC2P	183.1	95.4	23.9	0.4	60.7	23958
8	Dyna-Gro	D54DC94	176.6	92.0	26.6	0.4	61.2	25410
54	NK	N78C-3111	175.8	91.6	26.1	1.8	58.1	26002
35	Doebler's	RPM® 5315AMXT™	175.1	91.2	23.6	0.0	60.4	25229
52	NK	N76A-3010	171.3	89.2	23.0	0.0	56.5	25955
10	Dyna-Gro	D57VP51	165.8	86.4	22.6	0.0	60.9	26499
Trial Mean			192.0		25.6	0.22	60.9	25,826
Probability > F			0.0014		<0.0001	<0.0001	<0.0001	0.006
LSD_{0.05}			21.4		1.9	0.59	1.2	1775
CV%			6.8		4.5	166	1.2	4.2

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

²Yields and test weights are reported at 15.5% moisture content.

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

⁴Hybrids in **bold** are check hybrids included with funding from the Maryland Grain Producers' Utilization Board.

*Hybrids with an asterisk are not significantly different (Probability > F ≤ 0.05) for yield compared to the **top-yielding hybrid** at this location.

Table 23. Performance of early hybrids evaluated at Central Maryland Research and Education Center, Clarksville, MD during 2015.

Test Entry No.	Brand/Company Name	Hybrid Name ¹	Yield (bu/A) ²	Relative Yield	Moisture %	Lodging ³ %	Test Weight (lb/bu) ²	Population (plants/A)
46	Pioneer ⁴	P210AM	214.3	107.9	19.2	0.0	58.1	25280
38	Dekalb ⁴	DKC57-92RIB	207.7	104.6	22.8	0.0	63.1	25849
37	Dekalb	DKC57-75RIB	204.3	102.9	20.4	0.0	59.1	24587
14	Dekalb	DKC52-30RIB	202.8	102.1	19.2	0.0	58.4	25555
12	Augusta ⁴	4758	197.0	99.2	18.0	0.7	56.2	26136
31	Dekalb	DKC55-20RIB	196.9	99.2	21.2	0.0	59.9	25168
13	Augusta	5457	195.5	98.4	19.0	0.4	58.8	25874
16	Dekalb	DKC54-38RIB	195.3	98.3	21.0	0.4	60.0	25462
11	Augusta	2956	193.2	97.3	19.6	0.0	59.4	25168
15	Dekalb	DKC52-84RIB	193.1	97.3	20.7	0.4	59.5	25168
39	Doebler's	RPM [®] 563HXR [™]	184.6	93.0	19.5	0.7	58.5	25555
Trial Mean			198.6		20.1	0.24	59.2	25,437
Probability > F			0.675		0.01	0.52	<0.0001	0.72
LSD_{0.05}			NS⁵		2.1	NS⁵	1.5	NS⁵
CV%			8.2		6.3	224	1.5	3.5

¹See Table 5 for hybrid type code designations for early-season hybrids.

²Yields and test weights are reported at 15.5% moisture content.

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

⁴Hybrids in **bold** are check hybrids included with funding from the Maryland Grain Producers' Utilization Board.

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

*Hybrids with an asterisk are not significantly different (Probability > F ≤ 0.05) for yield compared to the top-yielding hybrid at this location.

Table 24. Performance of mid-season hybrids evaluated at Central Maryland Research and Education Center, Clarksville, MD during 2015.

Test Entry No.	Brand/Company	Hybrid Name ¹	Yield (bu/A) ²	Relative Yield	Moisture %	Lodging ³ %	Test Weight (lb/bu) ²	Population (plants/A)
34	Doebler's	RPM® 5125AM™	225.5	109.5	23.6	0.3	61.2	26992
25	Hubner	H5420RC2P	223.7*	108.6	25.4	0.0	61.0	25555
18	Dekalb⁴	DKC61-88RIB	218.4*	106.1	24.0	0.0	61.0	25068
17	Dekalb	DKC60-67RIB	217.7*	105.7	24.7	0.0	62.5	26042
6	Dyna-Gro	D52VC91	214.0*	103.9	25.4	0.0	63.7	26523
2	TA Seeds	TA636-22DPRIB	212.1*	103.0	23.3	0.0	61.3	27878
60	Mycogen	X13759S3	212.1*	103.0	23.3	0.0	61.3	26136
40	Augusta⁴	4959	206.7*	100.4	25.2	0.0	64.0	25643
49	NK	N59B-3111A	206.4*	100.2	26.1	0.4	60.1	26030
26	Hubner	H12G703	205.0	99.6	23.6	0.0	61.9	27104
19	Dekalb	DKC62-08RIB	204.8	99.5	23.3	0.0	60.4	26330
41	Augusta	5062	204.7	99.4	26.4	0.0	65.6	23426
32	Doebler's	RPM® 4816AM™	203.9	99.0	22.7	0.8	61.0	24781
42	Augusta	5262	203.9	99.0	27.8	0.4	57.2	24881
47	Pioneer⁴	P1184AM	201.4	97.8	23.8	0.0	63.3	24006
33	Doebler's	RPM® 5015AM™	196.2	95.3	22.3	0.0	59.2	23813
57	Mycogen	X13652VH	195.9	95.1	26.3	0.3	60.0	26523
50	NK	N66V-3000GT	195.5	94.9	21.3	0.7	60.1	24974
20	Dekalb	DKC62-77RIB	194.3	94.4	25.1	0.0	61.2	24587
1	TA Seeds	TA583-22DPRIB	187.3	91.0	22.6	0.4	59.7	24006
58	Mycogen	2Y669	187.3	91.0	22.6	0.0	59.7	26523
Trial Mean			205.9		24.4	0.16	61.2	25,563
Probability > F			0.041		<0.0001	0.53	<0.0001	0.014
LSD_{0.05}			20.4		1.9	NS⁵	1.3	2286
CV%			6.0		4.6	281	1.2	5.4

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

²Yields are reported at 15.5% moisture content.

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

⁴Hybrids in **bold** are check hybrids included with funding from the Maryland Grain Producers' Utilization Board.

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

*Hybrids with an asterisk are not significantly different (Probability > F ≤ 0.05) for yield compared to the **top-yielding hybrid** at this location.

Table 25. Performance of full season hybrids evaluated at Central Maryland Research and Education Center-Clarksville Facility, Clarksville, MD during 2015.

Test Entry No.	Brand/Company Name	Hybrid Name ¹	Yield (bu/a) ²	Relative Yield	Moisture %	Lodging ³ %	Test Weight (lb/bu) ²	Population (plants/A)
9	Dyna-Gro	D57DC58	225.5	109.9	28.0	1.1	61.2	26523
44	Augusta	5063	218.4	106.5	27.1	0.4	62.6	25942
43	Augusta	6664	217.1	105.9	25.7	0.0	61.4	27572
24	Dekalb	DKC67-72RIB	215.8	105.2	29.3	0.0	63.1	25168
21	Dekalb	DKC63-33RIB	215.3	105.0	22.2	0.0	62.0	27104
4	TA Seeds	TA746-28RIB	214.5	104.6	25.0	0.0	61.0	25445
45	Augusta⁴	6465	211.5	103.1	28.3	0.0	61.6	26136
30	Hubner	H14G153	210.7	102.7	27.0	0.0	61.2	24974
23	Dekalb⁴	DKC65-19RIB	210.0	102.4	24.4	0.0	63.4	25749
3	TA Seeds	TA736-22DPRIB	209.7	102.3	24.1	0.3	62.5	27185
59	Mycogen	2C799	207.9	101.4	26.3	0.0	60.3	26223
48	Pioneer⁴	P1498AM	206.2	100.6	24.4	0.4	61.4	24893
28	Hubner	H4744RC2P	205.0	100.0	25.7	0.0	62.5	25074
35	Doebler's	RPM® 5315AMXT™	204.7	99.8	23.0	0.4	60.4	26223
5	TA Seeds	TA774-22DPRIB	204.6	99.8	27.3	0.0	60.3	24587
27	Hubner	H4663RC2P	204.3	99.6	24.4	0.0	59.6	25749
53	NK	N74L-GT	204.2	99.6	26.1	0.4	57.9	24587
10	Dyna-Gro	D57VP51	201.8	98.4	24.4	0.4	62.3	26423
29	Hubner	H4764RC2P	201.6	98.3	24.3	0.0	60.9	26611
51	NK	N75H-3010A	196.4	95.7	25.6	0.8	59.1	23813
7	Dyna-Gro	D53VC47	195.5	95.3	25.1	0.4	58.6	24781
22	Dekalb	DKC64-87RIB	194.8	95.0	23.4	0.0	60.3	27298
52	NK	N76A-3010	191.1	93.2	27.9	1.1	58.6	25749
8	Dyna-Gro	D54DC94	190.9	93.1	27.3	0.4	61.3	25942
36	Doebler's	5615GRQ	189.9	92.6	27.7	0.0	61.1	26910
54	NK	N78C-3111	184.8	90.1	27.5	1.1	58.8	25555
Trial Mean			205.1		25.8	0.28	60.9	26,160
Probability > F			0.628		<0.0001	0.27	<0.0001	0.052
LSD_{0.05}			NS⁵		2.4	NS⁵	1.9	2069
CV%			9.0		5.7	215	1.9	4.9

¹See Table 7 for hybrid type code designations for full season hybrids.

²Yields are reported at 15.5% moisture content.

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

⁴Hybrids in **bold** are check hybrids included with funding from the Maryland Grain Producers' Utilization Board.

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

*Hybrids with an asterisk are not significantly different (p=0.05) for yield compared to the **top-yielding hybrid** at this location.

Table 26. Relative yield scores for early season hybrids evaluated in Maryland during 2015. Hybrids with scores 100 or greater at four or more locations are considered to have good stability.

Entry No.	Brand/ Company Name	Hybrid	Relative Yield					
			Avg. 5 Sites	Wye	Poplar Hill	Salisbury	Clarksville	Keedysville
37	Dekalb	DKC57-75RIB	104.9	109.2	112.6	96.7	102.9	103.1
31	Dekalb	DKC55-20RIB	104.1	105.3	101.2	103.7	99.2	111.1
38	Dekalb ¹	DKC57-92RIB	103.6	109.5	97.7	100.4	104.6	105.6
14	Dekalb	DKC52-30RIB	103.5	109.8	102.3	99.2	102.1	104.0
39	Doebler's	RPM® 563HXR™	103.1	103.4	98.0	115.6	93.0	105.3
46	Pioneer ¹	P210AM	103.0	100.6	93.2	105.6	107.9	107.8
16	Dekalb	DKC54-38RIB	100.8	105.9	106.1	104.7	98.3	89.2
11	Augusta	2956	99.3	98.6	105.0	99.0	97.3	96.6
13	Augusta	5457	97.7	93.7	98.6	101.2	98.4	96.4
15	Dekalb	DKC52-84RIB	93.2	87.6	98.7	94.9	97.3	87.5
12	Augusta ¹	4758	86.2	76.2	86.5	79.1	99.2	89.8
Trial Mean (bu/acre)			177.2	180.7	172.2	153.8	180.9	198.6

¹ **Bold** hybrids are checks included with funding from the Maryland Grain Producers' Utilization Board.

² Hybrids highlighted in **green** have relative yield ratings of 100 or greater at all sites tested.

³ Hybrids highlighted in **dark gray** have relative yield ratings of 100 or greater at 4 testing sites.

Table 27. Relative yield scores for mid-season hybrids evaluated in Maryland during 2015. Hybrids with scores 100 or greater at four or more locations are considered to have good stability.

Test Entry No.	Brand/Company Name	Hybrid Name	Relative Yield %					
			Avg. 5 sites	Wye	Poplar Hill	Salisbury	Clarksville	Keedysville
18	Dekalb¹	DKC61-88RIB	107.6	108.7	106.5	109.9	106.1	106.6
50	NK	N66V-3000GT	105.1	108.9	106.4	110.1	94.9	105.4
6	Dyna-Gro	D52VC91	104.9	103.8	104.9	113.7	103.9	98.4
20	Dekalb	DKC62-77RIB	103.5	107.6	111.4	103.2	94.4	100.8
25	Hubner	H5420RC2P	102.1	101.0	98.3	95.4	108.6	107.4
32	Doebler's	RPM® 4816AM™	102.1	102.9	108.6	98.6	99.0	101.6
19	Dekalb	DKC62-08RIB	102.0	103.5	101.8	103.5	99.5	101.7
26	Hubner	H12G703	102.0	109.0	99.9	105.9	99.6	95.8
17	Dekalb	DKC60-67RIB	101.8	100.3	97.3	98.9	105.7	106.7
33	Doebler's	RPM® 5015AM™	100.9	102.4	102.3	105.4	95.3	99.0
34	Doebler's	RPM® 5125AM™	100.8	92.7	93.1	106.6	109.5	101.9
49	NK	N59B-3111A	97.9	98.8	99.8	96.6	100.2	94.2
40	Augusta¹	4959	97.2	92.0	95.7	100.1	100.4	97.6
41	Augusta	5062	97.0	99.8	95.9	95.1	99.4	94.8
2	TA Seeds	TA636-22DPRIB	96.4	105.5	94.7	80.7	103.0	98.3
60	Mycogen	X13759S3	96.4	105.5	94.7	80.7	103.0	98.3
42	Augusta	5262	95.8	98.1	95.3	91.7	99.0	94.7
1	TA Seeds	TA583-22DPRIB	95.0	91.8	99.9	92.8	91.0	99.6
47	Pioneer¹	P1184AM	95.0	97.7	88.6	100.7	97.8	90.4
58	Mycogen	2Y669	95.0	91.8	99.9	92.8	91.0	99.6
57	Mycogen	X13652VH	93.1	81.1	95.4	90.8	95.1	103.1
Trial Mean (bu/acre)			185.0	193.2	178.8	170.0	177.2	205.9

¹ **Bold** hybrids are checks included with funding from the Maryland Grain Producers' Utilization Board.

² Hybrids highlighted in **green** have relative yield ratings of 100 or greater at all sites tested.

³ Hybrids highlighted in **gray** have relative yield ratings of 100 or greater at 4 testing sites.

Table 28. Relative yield scores for full-season hybrids evaluated in Maryland during 2015. Hybrids with scores 100 or greater at four or more locations are considered to have good stability.

Test Entry No.	Brand/ Company Name	Hybrid Name	Relative Yield %					
			Avg. 5 Sites	Wye	Poplar Hill	Salisbury	Clarksville	Keedysville
28	Hubner	H4744RC2P	105.7	95.3	105.9	117.6	100.0	109.5
45	Augusta ¹	6465	104.2	101.3	108.2	111.6	103.1	96.9
21	Dekalb	DKC63-33RIB	103.9	98.1	110.5	99.3	105.0	106.8
23	Dekalb ¹	DKC65-19RIB	103.7	103.6	107.6	106.4	102.4	98.3
24	Dekalb	DKC67-72RIB	103.1	100.1	112.1	99.1	105.2	99.2
59	Mycogen	2C799	102.9	93.4	103.2	104.9	101.4	111.7
5	TA Seeds	TA774-22DPRIB	102.5	96.2	104.4	111.1	99.8	101.2
30	Hubner	H14G153	102.4	113.2	104.5	87.0	102.7	104.7
43	Augusta	6664	102.0	93.3	107.9	99.6	105.9	103.4
44	Augusta	5063	101.3	94.3	97.5	104.8	106.5	103.3
22	Dekalb	DKC64-87RIB	101.2	101.8	103.3	98.3	95.0	107.5
3	TA Seeds	TA736-22DPRIB	100.8	103.4	92.3	102.4	102.3	103.4
27	Hubner	H4663RC2P	100.6	106.1	88.7	101.3	99.6	107.5
9	Dyna-Gro	D57DC58	100.5	94.6	102.2	95.8	109.9	100.1
8	Dyna-Gro	D54DC94	100.4	107.9	102.6	106.5	93.1	92.0
51	NK	N75H-3010A	99.5	104.8	94.3	105.0	95.7	97.7
35	Doebler's	RPM® 5315AMXT™	99.3	96.4	105.6	103.5	99.8	91.2
4	TA Seeds	TA746-28RIB	98.9	96.6	96.4	96.2	104.6	100.7
54	NK	N78C-3111	97.6	110.3	92.9	103.0	90.1	91.6
53	NK	N74L-GT	96.8	104.5	95.6	86.7	99.6	97.4
29	Hubner	H4764RC2P	96.4	97.6	93.7	96.9	98.3	95.4
10	Dyna-Gro	D57VP51	95.9	100.6	98.3	95.8	98.4	86.4
48	Pioneer ¹	P1498AM	95.7	92.2	92.9	91.6	100.6	101.0
52	NK	N76A-3010	95.7	104.0	98.1	94.1	93.2	89.2
7	Dyna-Gro	D53VC47	94.8	92.5	93.0	88.5	95.3	104.8
36	Doebler's	5615GRQ	93.6	97.5	86.0	92.8	92.6	99.0
Trial Mean (bu/acre)			191.1	199.1	184.1	175.0	192.0	205.1

¹**Bold** hybrids are checks included with funding from the Maryland Grain Producers' Utilization Board.

²Hybrids highlighted in green have relative yield ratings of 100 or greater at 5 testing locations.

³Hybrids highlighted in gray have relative yield ratings of 100 or greater at 4 testing locations.