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2014 Maryland Corn Hybrid Performance Tests

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

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Test Procedures

A fee-based, performance-testing program for corn hybrids is offered to seed corn companies by the Maryland Cooperative Extension and Agricultural Experiment Station at the University of Maryland. 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 important agronomic and production information for each test site.

Hybrids tested during 2014 were submitted in two ways. First, participating seed companies (Table 2) were solicited for submission of hybrids. These entries ranged from currently available to experimental hybrids still under evaluation. Second, the Maryland Grain Producers' Utilization Board provided funding for inclusion of some check hybrids that are commonly grown and familiar to farmers. The inclusion of the performance data for these benchmark hybrids allows for comparisons between newer hybrids and those that are more familiar.

During 2014, 68 hybrids were tested in one of three maturity group tests: (1) early season (14 hybrids; Table 5); (2) mid-season (28 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 the hybrids tested had genetic traits for insect protection and/or herbicide tolerance. The traits for each hybrid tested are found in Tables 5-7.

Hybrids were grouped and randomized by maturity and replicated three times at each 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 to measure yield, harvest moisture and test weight. These data were collected with a HarvestMaster HM 800 GrainGage system and recorded on an Allegro Field PC.

Growing Season

Maryland's winter of 2013-2014 was one of the coldest experienced in the past two decades. And, it lingered with colder than normal temperatures through March and early April. Maryland's farmers entered the 2014 crop year with 90% of the state reporting adequate to surplus topsoil and subsoil moisture conditions; a good first indicator of a good crop year even when soil temperatures were warming slower than usual. Planting started at a slower pace during the third week of April. Maryland Department of Agriculture (MDA) reported 13% of the crop planted by April 27; this was less than the 5-year average of 22% for this date. Cool temperatures and rainy weather continued to slow corn planting during the next three weeks with only 63% of the crop reported planted by May 18, 14% behind the 5-year average. Good weather and field conditions during the last part of May allowed growers to get 90% of the crop in the ground by June 1 which was only 4% less than the 5-year average.

Topsoil and subsoil conditions continued to be classified as 95% adequate to surplus throughout April and May. Crop emergence was slowed during the early part of May, the result of temperatures below normal and wet soil conditions. Temperatures warmed during the last two weeks of May and by June 1, 78% of the crop had emerged, only 6% less than the 5-year average. However, on June 1 only 69% of the crop was rated to be in good to excellent condition, which was considerably less than the 90% good to excellent rating for the 2013 record crop.

Timely rains continued to maintain 90-100% adequate to surplus soil moisture conditions during June. And, normal temperatures during June allowed crop growth to proceed at a normal pace. Eleven per cent of the crop was reported in silk by July 1 which was the same level as the 5-year average. On July 1, the crop condition rating had improved to 78% good to excellent. During the first three weeks of July, temperatures were normal to slightly below normal and timely rain events maintained soil moisture in the 85-95% adequate to surplus range, ideal conditions for corn during the silk and pollination stages of development. This supported excellent pollination. By July 20, 80% of the crop was reported pollinated and 89% of the crop was rated good to excellent. Everything was indicating a record crop.

With soil moisture continuing to be adequate to surplus, the grain fill period of July and August experienced no stress. This period was accompanied by favorable temperatures with the period between July 20 and August 24 averaging about 4° F below normal. The crop continued to be classified as 90% good to excellent as it moved toward maturity. These optimum temperature and moisture conditions helped extend the grain fill period for the crop but slowed it from reaching maturity. By the end of August, only 42% of the crop was in the dent stage compared to the 5-year average of 73%. On September 7, MDA reported 22% of the crop had reached maturity, about half the 5-year average. Harvest started later than the previous 5 years with 5% of the crop reported shelled on September 14 compared to 18% for the previous 5 years. Favorable September weather provided good harvest conditions but the high yields farmers were getting slowed the number of acres getting shelled. On October 5, only 40% of the crop was reported harvested compared to the 5-year average of 54%. Harvest continued slower than normal through October with 81% of the crop shelled by November 2 compared to 89% during the previous 5 years.

Favorable weather and soil moisture conditions dominated the 2014 corn production year. There were no extended periods of high temperatures and dry conditions during the growing season. The pollination period experienced optimum conditions. The crop had good to excellent soil moisture and timely rain events during the grain fill period. All these factors have resulted in Maryland farmers harvesting a record crop. On October 1, the USDA National Agricultural Statistics Service estimated Maryland's 2014 corn crop to be 170 bu/acre. This will make the 2014 crop the largest ever eclipsing the previous record of 158 bu/acre set in 2013.

Test Results

The performance of the hybrids at each 2014 location is found in Tables 8-22. The agronomic characteristics reported are yield (bushels/acre at 15.5% moisture content), harvest moisture, per cent lodging, harvest population, and test weight at 15.5% moisture content.

As seen in Table 3, growing season precipitation, which was generally near or above the long term averages, did not vary much among the five sites. Both adequate and timely precipitation, coupled with optimum growing season temperatures, proved to be a formula for record yields. The summer of 2014 did not experience long periods of 90 degree plus heat as has been frequently experienced during the past decade. The only weather stress that affected crop performance at any of the locations occurred just after planting at Poplar Hill (Table 11). There was about 1 week of cooler than average temperatures accompanied with 5 days of rainy weather following the April 25 plant date. The early maturity hybrids were planted to a part of the field that remained wet for a longer period than the rest. This resulted in relatively poor emergence (~80% of expected emergence) for the seedlings. This resulted in the poorer performance of this group of hybrids throughout the season (Table 11).

Averaged over the five locations, yield for the early (14), mid (28), and full season (26) hybrids was 191 bu/acre, 211 bu/acre, and 221 bu/acre, respectively. Compared to 2013, these yields were 9%, 10.5%, and 9% greater than observed for the early, mid, and full season hybrids for that season, respectively. Average yield for the 68 hybrids tested across the five locations was a record setting 211 bu/acre.

A least significant difference (LSD) value is reported for the variables measured for each test where statistically significant differences ($p \leq 0.05$) 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 15% for yield measurements indicate that the precision for distinguishing yield differences was good.

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 23-25) 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. Based on the relative yield criterion, nine hybrids performed exceptionally well during 2014: NK Brand N60F3111 in the early season test; NK Brand N75H5122, Dekalb DKC 61-89RIB, Doeblers RPM®5015AM for the mid-season test; and Dekalb DKC 65-19RIB, Dyna-Gro D54DC94, Dyna-Gro D57VP51, Hubner H4663RC2P, and Hubner H4744RC2P in the full season test.

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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. Agronomy Facts No. 54 is found at the Maryland Cropping Systems webpage: <http://www.psla.umd.edu/extension/md-crops>.

| <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 | 8 |
| Table 7. | Relative maturity, genetics, and seed treatments for full-season hybrids | 9 |
| Table 8. | Early season hybrids at Wye R&E Center | 10 |
| Table 9. | Mid-season hybrids at Wye R&E Center | 11 |
| Table 10. | Full-season hybrids at Wye R&E Center | 12 |
| Table 11. | Early season hybrids at LESREC-Poplar Hill | 13 |
| Table 12. | Mid-season hybrids at LESREC-Poplar Hill | 14 |
| Table 13. | Full season hybrids at LESREC-Poplar Hill | 15 |
| Table 14. | Early season hybrids at LESREC-Salisbury | 16 |
| Table 15. | Mid-season hybrids at LESREC-Salisbury | 17 |
| Table 16. | Full-season hybrids at LESREC-Salisbury | 18 |
| Table 17. | Early season hybrids at Western Maryland R&E Center | 19 |
| Table 18. | Mid-season hybrids at Western Maryland R&E Center | 20 |
| Table 19. | Full-season hybrids at Western Maryland R&E Center | 21 |
| Table 20. | Early season hybrids at CMREC-Clarksville | 22 |
| Table 21. | Mid-season hybrids at CMREC-Clarksville | 23 |
| Table 22. | Full-season hybrids at CMREC-Clarksville | 24 |
| Table 23. | Relative yield summary for early season hybrids | 25 |
| Table 24. | Relative yield summary for mid-season hybrids | 26 |
| Table 25. | Relative yield summary for full-season hybrids | 27 |

Table 1. Production management practices used and other pertinent information for the locations of the 2014 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 | 3 May: 43 lb N/a as 30% UAN 10 June: 130 lb N/a as 30% UAN Total: 173-0-0 | 6 May Pre-Plant Gly Star Plus @ 1 qt/a 13 May Pre-Emerge Lexar @ 3 qt/a No Insecticide | No-till with aid of trash wheels on planter | Plant 9 May Harvest 24 September | Joe Street Donny Murphy |
| Lower Eastern Shore R&E Center-Poplar Hill Quantico, MD | Mattapeake silt loam Soybean followed by wheat cover crop | 11 April: 250 lb/a 0-5-45-10S-0.5B 28 April: 37 lb N/a as 30% UAN 3 June: 120 lb N/a as 30% UAN Total: 157-12.5-113-25S-1.25 B | 23 April Pre-Plant Gramoxone SL @ 1 qt/A 820 Surfactant @ 5 fl oz/A 22 May Post-Emerge Lexar @ 3 qt/A No Insecticide | No-till into cover crop with aid of trash wheels on planter | Plant 27 April Harvest 18 September | David Armentrout Fred Senkbeil |
| Lower Eastern Shore R&E Center-Salisbury Salisbury, MD | Fort Mott loamy sand Soybean followed by wheat cover crop | 10 April: 250 lb/a 0-5-45-10S-0.5B 28 April: 36 lb N/a as 30% UAN 27 May: 100 lb N/a as 30% UAN 4 June: 100 lb N/a as 30% UAN Total: 236-12.5-113-25S-1.25B | 18 April Pre-Plant Gramoxone SL @ 1 qt/A 820 Surfactant @ 5 fl oz/A 22 May Post-Emerge Lumax @ 2.5 qt/a Roundup PowerMax @ 1 pt/a No Insecticide | No-till into cover crop with aid of trash wheels on planter | Plant 27 April Harvest 16 September | David Armentrout Mike Kelly James Lynch Vivian Calder David Long Robert Miller |
| Central Maryland R&E Center - Clarksville Clarksville, MD | Delanco silt loam Soybean | 23 April: 300 lb/a as 5-14-40 19 May: 130 lb N/a as 30% UAN 19 June: 40 lb N/a as 30% UAN Total: 185-42-120 | 19 May Pre-Emerge Bicep II Mag @ 2 qt/a Gramoxone Inteon @ 1.5 pt/a 80/20 Surfactant @ 1 pt/a 16 June Post-Emerge Status @ 4.5 oz/a 0.25 oz/a Accent Q No Insecticide | No-till with aid of trash wheels on planter | Plant 15 May Harvest 20 October | David Justice Michael Gray |
| Western Maryland R&E Center Keedysville, MD | Hagerstown silt loam Soybean | 13 May: 130 lb N/a as 30% UAN Total: 130-0-0 | 13 May Pre-Plant Lumax @ 3 qt/a Weedone.LV4 @1 pt/a Gramoxone Inteon @1 qt/a 14 June Post-Emerge Northstar @ 5 oz/acre No Insecticide | No-till with aid of trash wheels on planter | Plant 20 May Harvest 8 October | Timothy Ellis Douglas Price |

Table 2. Seed brands and companies represented in the 2013 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 |
| FS InVISION | Growmark FS LLC., 308 N.E. Front Street, Milford, DE 19963 |
| 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 2014.

| Month | Wye | Poplar Hill | Salisbury ¹ | Keedysville | Clarksville |
|-----------------------------|------------------|--------------|------------------------|--------------|--------------|
| | -----Inches----- | | | | |
| April | 5.19 | 3.55 | 4.45 (0.0) | 3.17 | 9.77 |
| May | 3.65 | 2.54 | 2.70 (0.4) | 4.79 | 4.83 |
| June | 2.76 | 3.31 | 0.95 (3.0) | 2.94 | 3.09 |
| July | 5.58 | 3.65 | 3.45 (2.2) | 3.58 | 3.5 |
| August | 6.75 | 5.23 | 5.05 (0.3) | 2.57 | 5.22 |
| September | 2.62 | 4.42 | 4.40 (0.0) | 1.64 | 1.89 |
| 2014 Total (6 month) | 26.55 | 22.7 | 21.0 (5.9) | 18.69 | 28.3 |
| 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 that was applied to the tests.

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. |
| Agrisure Viptera or Viptera3111 | Designates multi-pest control via 14 above and below ground insects plus glyphosate and glufosinate herbicide tolerance. |
| Artesian | Contains multiple genes for season-long drought protection, responding to water stress with multiple modes of action—at virtually any stage of growth |
| Avicta 500 or A500 | A nematicide seed treatment. |
| Avicta Corn Complete | A nematicide/insecticide/fungicide seed treatment combination. |
| Conventional | Indicates a hybrid with no biotechnology linked genetic enhancement. |
| Cruiser 250 and 1250 | A neonicotinoid based insecticide seed treatment. |
| Duracade RW | Active against Western, Northern and Mexican corn rootworm |
| 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 | 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. |
| GT3000 | 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. |
| HXX | Designates the inclusion of both the Herculex I (HX1) trait and the Herculex RW (HXRW) trait that confer resistance to European and Southwestern corn borer, black cutworm, fall armyworm, western bean cutworm, lesser corn stalk borer, southern corn stalk borer, and sugarcane borer; suppresses corn earworm; and also provides protection from larval injury caused by western corn rootworm, northern corn rootworm and Mexican corn rootworm. |
| 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. |
| PPST 250 | A standard seed treatment that contains a fungicide, an insecticide, and a biological |
| RIB | Has non-Bt seed blended in the bag creating refuge in the bag |
| RR2 | Designates the second generation event for glyphosate herbicide tolerance. |
| RW | Designates protection against corn rootworm. |
| SmartStax and 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. |
| 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. |
| YGCB, CB, and HX1 | Contains a <i>Bacillus thuringiensis</i> (Bt) event for protection against European corn borer. |

Table 5. Relative maturity, genetic traits, and seed treatments for early-season hybrids tested in Maryland during 2014.

| BRAND/COMPANY NAME | HYBRID NAME | RELATIVE MATURITY | GENETIC TRAITS ¹ | SEED TREATMENT |
|----------------------------|--------------------|-------------------|--------------------------------|----------------------|
| Augusta² | A3354 | 104 | GENVT2PRIB | Poncho 500 |
| Augusta | A5457 | 107 | GT | Cruiser 250 |
| Dekalb | DKC50-84RIB | 100 | GENVT2PRIB | A500/Votivo |
| Dekalb | DKC52-30RIB | 102 | GENSSRIB | A500/Votivo |
| Dekalb | DKC52-84RIB | 102 | GENSSRIB | A500/Votivo |
| Dekalb | DKC54-40RIB | 104 | GENVT2PRIB | A500/Votivo |
| Dekalb | DKC57-75RIB | 107 | GENSSRIB | A500/Votivo |
| Dekalb² | DKC57-92RIB | 107 | GENSSRIB | A500/Votivo |
| Doebler's | RPM® 563HXR™ | 105 | HX1/LL/RR2 | Poncho1250/Votivo500 |
| Hubner | H4359RC2P | 107 | GENVT2PRIB | A500/Votivo |
| Mycogen | 2R602 | 106 | CONVENTIONAL | Cruiser 250 |
| NK | N59B 3111A Brand | 107 | Agrisure Viptera + Artesian | Avicta Complete Corn |
| NK | N60F 3111 Brand | 107 | Viptera | Avicta Complete Corn |
| Pioneer² | P0210AM | 102 | AMLLRR2 | PPST 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 6. Relative maturity, genetic traits, and seed treatments for mid-season hybrids tested in Maryland during 2014.

| BRAND/ COMPANY | HYBRID NAME | RELATIVE MATURITY | GENETIC TRAITS ¹ | SEED TREATMENT |
|----------------------------|--------------------|----------------------|-----------------------------|-----------------------|
| Augusta | A3958 | 108 | | |
| Augusta | A4258 | 108 | GENVT3PRIB | Cruiser 250 |
| Augusta | A4361 | 111 | | |
| Augusta | A4461 | 111 | GENVT3PRIB | Cruiser 250 |
| Augusta² | A5262 | 112 | GTCBLLC | Avicta 500 |
| Augusta | A5562 | 112 | GENVT2PRIB | Cruiser 250 |
| Dekalb | DKC60-67RIB | 110 | GENSSRIB | A500/Votivo |
| Dekalb² | DKC61-89RIB | 111 | GENVT2PRIB | A500/Votivo |
| Dekalb | DKC62-08RIB | 112 | GENSSRIB | A500/Votivo |
| Dekalb | DKC62-77RIB | 112 | GENSSRIB | A500/Votivo |
| Doebler's | RPM® 629AMXT™ | 109 | RW/YGCB/HXX/LL/RR2 | Poncho 1250/Votivo500 |
| Doebler's | RPM® 5015AM™ | 110 | YGCB/HX1/LL/RR2 | Poncho 1250/Votivo500 |
| Doebler's | RPM® 5115AM™ | 111 | YGCB/HX1/LL/RR2 | Poncho 1250/Votivo500 |
| Dyna-Gro | D48SS38 | 108 | GENSSRIB | A500/Votivo |
| Dyna-Gro | D50SS43 | 110 | GENSSRIB | A500/Votivo |
| Dyna-Gro | D52SS91 | 112 | GENSSRIB | A500/Votivo |
| FSInvision | FS 60R36SS | 110 | GENSSRIB | Poncho/Votivo 500 |
| FSInvision | FS 6243VT3P | 112 | GENVT3PRIB | Acceleron 250 |
| Hubner | H5420RC3P | 110 | GENVT3PRIB | A500/Votivo |
| Mycogen | 2V717 | 111 | SSXRA | Cruiser 250 |
| Mycogen | 2V709 | 110 | SSXRA | Cruiser 250 |
| NK | N70J 3011 Brand | 112 | Artesian | Avicta Complete Corn |
| NK | N75H 5122 Brand | 112 | Duracade RW, Artesian | Avicta Complete Corn |
| Pioneer² | P1184AM | 111 | AMLLRR2 | PPST 250 |
| T.A Seeds | TA583-22DPRIB | 108 | VT2PRIB | Cruiser 250 |
| T.A Seeds | TA625-31 | 110 | VIPTERA3111 | Cruiser 250 |
| T.A Seeds | TA647-22DPRIB | 111 | VT2PRIB | Cruiser 250 |
| T.A Seeds | TA683-13VPRIB | 112 | VT3PRIB | 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 2014.

| Brand/ Company Name | Hybrid Name | Relative Maturity | Genetic Traits ¹ | Seed Treatment |
|----------------------------|--------------------|-------------------|-----------------------------|------------------------|
| Augusta | A5565 | 115 | GENVT2PRIB | Cruiser 1250 |
| Augusta | A5664 | 114 | GT3000 | Cruiser 1250 |
| Augusta | A6664 | 114 | GENVT2PRIB | Poncho 500 |
| Augusta | A8064 | 114 | GENVT2PRIB | Poncho 250 |
| Augusta² | A8868 | 118 | GENVT3PRIB | Poncho 250 |
| Dekalb | DKC63-35RIB | 113 | GENVT2PRIB | A500/Votivo |
| Dekalb | DKC64-89RIB | 114 | GENVT2PRIB | A500/Votivo |
| Dekalb² | DKC65-19RIB | 115 | GENVT3PRIB | A500/Votivo |
| Dekalb | DKC66-40RIB | 116 | GENSSRIB | A500/Votivo |
| Doebler's® | RPM® 5315AMXT™ | 113 | RW/YGCB/HXX/LL/RR2 | Poncho 1250/Votivo 500 |
| Doebler's® | 5615GRQ | 116 | GT/CB/LL/RW | CruiserMAX 250 |
| Dyna-Gro | D54DC94 | 114 | GENVT2PRIB | A500/Votivo |
| Dyna-Gro | D55VP77 | 115 | GENVT3PRIB | A500/Votivo |
| Dyna-Gro | D57VP51 | 117 | GENVT3PRIB | A500/Votivo |
| FSInvision | FS 63R29SS | 113 | GENSSRIB | Poncho/Votivo 500 |
| FSInvision | FS 64R46SS | 114 | GENSSRIB | Poncho/Votivo 500 |
| Hubner | H4663RC2P | 113 | GENVT2PRIB | A500/Votivo |
| Hubner | H4744RC2P | 113 | GENVT2PRIB | A500/Votivo |
| Mycogen | 2C788 | 114 | SSXRA | Cruiser 250 |
| Mycogen | 2C799 | 113 | SSXRA | Cruiser 250 |
| Mycogen | 2V779 | 113 | SSXRA | Cruiser 250 |
| Mycogen | 2Y767 | 113 | SSXRA | Cruiser 250 |
| Pioneer² | P1319HR | 113 | HX1LLRR2 | PPST 250 |
| T.A Seeds | TA744-13VPRIB | 114 | VT3PRIB | Cruiser 250 |
| T.A Seeds | TA753-22DPRIB | 115 | VT2PRIB | Cruiser 250 |
| T.A Seeds | TA774-13VPRIB | 115 | VT3PRIB | 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 Wye Research and Education Center, Queenstown, MD during 2014.

| Entry Number | Brand/Company Name | Hybrid Name ¹ | Yield (bu/A) ² | Relative Yield | Moisture % | Lodging ³ % | Test Weight | Population (plants/A) |
|---------------------------|----------------------------|--------------------------|---------------------------|----------------|-------------|-------------------------|-------------|-------------------------|
| 1 | NK | N59B 3111A Brand | 178.6 | 92.5 | 21.1 | 1.2 | 55.4 | 29040 |
| 2 | NK | N60F 3111 Brand | 193.4* | 100.1 | 18.7 | 0.0 | 54.8 | 28496 |
| 5 | Dekalb | DKC50-84RIB | 183.0* | 94.8 | 15.7 | 0.0 | 55.1 | 28314 |
| 6 | Dekalb | DKC52-30RIB | 215.0* | 111.3 | 17.7 | 0.6 | 57.0 | 29948 |
| 7 | Dekalb | DKC52-84RIB | 179.6 | 93.0 | 16.3 | 0.0 | 53.9 | 29403 |
| 8 | Dekalb | DKC54-40RIB | 170.0 | 88.0 | 16.9 | 0.0 | 57.3 | 30129 |
| 9 | Dekalb | DKC57-75RIB | 196.9* | 102.0 | 18.6 | 0.0 | 55.3 | 29585 |
| 10 | Dekalb⁴ | DKC57-92RIB | 211.2* | 109.4 | 18.3 | 0.7 | 57.6 | 27588 |
| 32 | Augusta | A5457 | 187.6* | 97.1 | 19.4 | 0.7 | 59.2 | 28051 |
| 41 | Augusta⁴ | A3354 | 181.0 | 93.7 | 17.3 | 0.0 | 58.0 | 28677 |
| 45 | Hubner | H4359RC2P | 178.7 | 92.6 | 18.9 | 0.0 | 56.8 | 27770 |
| 55 | Mycogen | 2R602 | 209.7* | 108.6 | 18.4 | 0.0 | 54.8 | 28496 |
| 56 | Doebler's | RPM® 563HXR™ | 201.5* | 104.4 | 18.0 | 0.6 | 54.8 | 28255 |
| 66 | Pioneer⁴ | P0210AM | 218.0 | 112.9 | 16.4 | 0.7 | 54.9 | 27705 |
| Trial Mean | | | 193.1 | | 18.0 | 0.3 | 56.1 | 28675 |
| LSD_{0.05} | | | 35.5 | | 0.98 | N.S.⁵ | 2.4 | N.S.⁵ |
| CV% | | | 10.9 | | 3.2 | 284 | 2.6 | 3.8 |

¹See Table 5 for trait designations for early-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.

⁵N.S. indicates that no statistically significant difference (p=0.05) 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** at this location.

Table 9. Performance of mid-season maturity hybrids evaluated at Wye R&E Center, Queenstown, MD during 2014.

| Entry Number | Brand/Company Name | Hybrid Name ¹ | Yield (bu/A) ² | Relative Yield | Moisture % | Lodging ³ % | Test Weight | Population (plants/A) |
|---------------------------|----------------------------|--------------------------|---------------------------|----------------|-------------|-------------------------|-------------|-----------------------|
| 3 | NK | N70J 3011 Brand | 247.0* | 111.1 | 23.7 | 0.0 | 57.3 | 29222 |
| 4 | NK | N75H 5122 Brand | 251.4 | 113.1 | 25.9 | 0.0 | 54.9 | 28314 |
| 11 | Dekalb | DKC60-67RIB | 204.4 | 91.9 | 21.6 | 0.0 | 59.1 | 29585 |
| 12 | Dekalb⁴ | DKC61-89RIB | 233.5* | 105.0 | 21.8 | 0.7 | 57.3 | 28859 |
| 13 | Dekalb | DKC62-08RIB | 229.7 | 103.3 | 23.5 | 0.0 | 57.4 | 29872 |
| 14 | Dekalb | DKC62-77RIB | 225.2 | 101.3 | 22.0 | 0.0 | 56.7 | 27898 |
| 19 | Dyna-Gro | D48SS38 | 222.1 | 99.9 | 21.4 | 0.0 | 58.6 | 28859 |
| 20 | Dyna-Gro | D50SS43 | 210.5 | 94.7 | 22.1 | 1.3 | 57.8 | 28859 |
| 21 | Dyna-Gro | D52SS91 | 210.9 | 94.9 | 24.0 | 0.0 | 59.6 | 30088 |
| 25 | T.A Seeds | TA583-22DPRIB | 203.3 | 91.4 | 19.9 | 0.0 | 55.8 | 28133 |
| 26 | T.A Seeds | TA683-13VPRIB | 206.6 | 92.9 | 22.6 | 0.0 | 58.5 | 28133 |
| 27 | T.A Seeds | TA647-22DPRIB | 218.1 | 98.1 | 20.2 | 0.6 | 58.6 | 28311 |
| 31 | T.A Seeds | TA 625-31 | 226.8 | 102.0 | 22.3 | 0.0 | 55.6 | 29040 |
| 33 | Augusta | A3958 | 226.1 | 101.7 | 20.1 | 0.0 | 56.9 | 28133 |
| 34 | Augusta | A4361 | 214.4 | 96.4 | 19.7 | 1.2 | 54.6 | 29403 |
| 35 | Augusta | A4461 | 222.6 | 100.1 | 22.7 | 0.7 | 57.2 | 28931 |
| 36 | Augusta | A5562 | 241.6* | 108.7 | 22.5 | 0.0 | 59.5 | 30492 |
| 42 | Augusta⁴ | A5262 | 219.3 | 98.6 | 23.6 | 0.0 | 54.0 | 29585 |
| 44 | Augusta | A4258 | 213.3 | 96.0 | 22.5 | 0.0 | 59.1 | 30123 |
| 46 | Hubner | H5420RC3P | 238.2* | 107.1 | 21.5 | 0.0 | 57.9 | 28134 |
| 53 | Mycogen | 2V717 | 220.9 | 99.4 | 21.8 | 0.6 | 54.9 | 28496 |
| 54 | Mycogen | 2V709 | 216.7 | 97.5 | 21.9 | 0.0 | 56.7 | 29222 |
| 57 | Doebler's | RPM® 629AMX | 209.1 | 94.1 | 20.8 | 0.0 | 58.8 | 28613 |
| 58 | Doebler's | RPM® 5015AM | 233.6* | 105.1 | 21.3 | 1.9 | 56.7 | 28618 |
| 59 | Doebler's | RPM® 5115AM | 226.3 | 101.8 | 19.7 | 0.0 | 56.2 | 27512 |
| 62 | FSInvision | FS 60R36SS | 217.5 | 97.9 | 21.7 | 0.0 | 57.1 | 28314 |
| 63 | FSInvision | FS 6243VT3P | 226.2 | 101.7 | 23.1 | 0.0 | 57.7 | 28314 |
| 67 | Pioneer⁴ | P1184AM | 210.2 | 94.6 | 20.6 | 0.6 | 59.0 | 29585 |
| Trial Mean | | | 222.0 | | 21.9 | 0.27 | 57.3 | 28880 |
| LSD_{0.05} | | | 18.3 | | 1.4 | N.S.⁵ | 1.2 | 1457 |
| CV% | | | 5.0 | | 3.9 | 312 | 1.2 | 3.1 |

¹See Table 6 for hybrid 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.

⁵N.S. indicates that no statistically significant difference (p=0.05) 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** at this location.

Table 10. Performance of full season hybrids evaluated at Wye Research and Education Center, Queenstown, MD during 2014.

| 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) |
|---------------------------|----------------------------|--------------------------|---------------------------|----------------|-------------|-------------------------|---------------------|-------------------------|
| 15 | Dekalb | DKC63-35RIB | 231.4* | 101.9 | 21.8 | 0.0 | 57.2 | 28976 |
| 16 | Dekalb | DKC64-89RIB | 238.1* | 104.9 | 22.4 | 0.0 | 57.4 | 29374 |
| 17 | Dekalb⁴ | DKC65-19RIB | 242.5* | 106.8 | 23.8 | 0.0 | 58.4 | 27407 |
| 18 | Dekalb | DKC66-40RIB | 212.0 | 93.4 | 24.8 | 0.0 | 57.0 | 27770 |
| 22 | Dyna-Gro | D54DC94 | 229.5* | 101.1 | 23.8 | 1.4 | 56.1 | 27588 |
| 23 | Dyna-Gro | D55VP77 | 213.7 | 94.1 | 23.4 | 3.7 | 57.5 | 28859 |
| 24 | Dyna-Gro | D57VP51 | 240.7* | 106.1 | 23.9 | 1.2 | 57.5 | 30082 |
| 28 | T.A Seeds | TA753-22DPRIB | 225.2* | 99.2 | 23.0 | 0.0 | 59.5 | 28824 |
| 29 | T.A Seeds | TA744-13VPRIB | 227.2* | 100.1 | 24.8 | 3.3 | 58.0 | 27951 |
| 30 | T.A Seeds | TA774-13VPRIB | 232.5* | 102.4 | 26.1 | 0.0 | 56.5 | 27951 |
| 37 | Augusta | A5664 | 252.9 | 111.4 | 23.9 | 0.0 | 54.7 | 28725 |
| 38 | Augusta | A6664 | 243.2* | 107.1 | 23.9 | 0.0 | 56.8 | 28595 |
| 39 | Augusta | A8064 | 203.6 | 89.7 | 23.2 | 1.9 | 60.0 | 29040 |
| 40 | Augusta | A5565 | 223.2* | 98.3 | 24.5 | 0.6 | 58.2 | 28133 |
| 43 | Augusta⁴ | A8868 | 232.1* | 102.3 | 24.5 | 0.0 | 56.6 | 29040 |
| 47 | Hubner | H4663RC2P | 235.2* | 103.6 | 24.4 | 0.0 | 55.7 | 28859 |
| 48 | Hubner | H4744RC2P | 241.1* | 106.2 | 24.5 | 0.0 | 57.6 | 28677 |
| 49 | Mycogen | 2C799 | 228.8* | 100.8 | 24.4 | 0.0 | 56.1 | 29371 |
| 50 | Mycogen | 2C788 | 234.0* | 103.1 | 26.4 | 0.0 | 58.0 | 29003 |
| 51 | Mycogen | 2V779 | 192.8 | 84.9 | 24.0 | 0.0 | 55.7 | 28314 |
| 52 | Mycogen | 2Y767 | 211.1 | 93.0 | 24.0 | 0.6 | 54.4 | 29040 |
| 60 | Doebler's | RPM® 5315AMXT | 234.1* | 103.1 | 23.2 | 0.7 | 56.1 | 28859 |
| 61 | Doebler's | 5615GRQ | 230.3* | 101.5 | 24.6 | 0.0 | 54.5 | 29222 |
| 64 | FsInvision | FS 63R29SS | 217.0 | 95.6 | 25.4 | 1.3 | 60.8 | 28133 |
| 65 | FsInvision | FS 64R46SS | 223.3* | 98.4 | 23.7 | 0.0 | 58.5 | 28976 |
| 68 | Pioneer⁴ | P1319HR | 207.9 | 91.6 | 22.5 | 0.6 | 59.0 | 29585 |
| Trial Mean | | | 227.0 | | 24.0 | 0.6 | 57.2 | 28706 |
| LSD_{0.05} | | | 31.7 | | 1.4 | N.S.⁵ | 1.8 | N.S.⁵ |
| CV% | | | 8.5 | | 3.5 | 252 | 1.9 | 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.

⁵N.S. indicates that no statistically significant difference (p=0.05) 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** at this location.

Table 11. Performance of early season hybrids at Lower Eastern Shore R&E Center- Poplar Hill Facility, Quantico, MD during 2014.

| 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) |
|---------------------------|----------------------------|--------------------------|---------------------------|----------------|-------------|------------------------|---------------------|-----------------------|
| 1 | NK | N59B 3111A Brand | 191.2* | 116.7 | 22.8 | 0.8 | 54.1 | 23958 |
| 2 | NK | N60F 3111 Brand | 196.3 | 119.8 | 21.0 | 0.0 | 54.0 | 25229 |
| 5 | Dekalb | DKC50-84RIB | 111.9 | 68.3 | 17.8 | 21.8 | 54.0 | 16880 |
| 6 | Dekalb | DKC52-30RIB | 170.4* | 104.0 | 20.4 | 1.4 | 56.2 | 22869 |
| 7 | Dekalb | DKC52-84RIB | 101.4 | 61.9 | 19.3 | 19.5 | 53.9 | 19324 |
| 8 | Dekalb | DKC54-40RIB | 163.9 | 100.1 | 19.2 | 1.6 | 57.5 | 23777 |
| 9 | Dekalb | DKC57-75RIB | 167.1 | 102.0 | 20.2 | 0.8 | 53.5 | 23051 |
| 10 | Dekalb⁴ | DKC57-92RIB | 180.0* | 109.9 | 20.3 | 0.0 | 54.9 | 22869 |
| 32 | Augusta | A5457 | 181.2* | 110.6 | 21.0 | 3.2 | 57.7 | 22506 |
| 41 | Augusta⁴ | A3354 | 166.4 | 101.6 | 19.7 | 2.5 | 56.8 | 23595 |
| 45 | Hubner | H4359RC2P | 141.2 | 86.2 | 20.9 | 0.0 | 54.9 | 17243 |
| 55 | Mycogen | 2R602 | 173.5* | 105.9 | 20.8 | 4.9 | 54.3 | 20994 |
| 56 | Doebler's | RPM® 563HXR™ | 168.3 | 102.8 | 19.4 | 0.0 | 55.8 | 21417 |
| 66 | Pioneer⁴ | P0210AM | 179.9* | 109.8 | 17.8 | 2.5 | 55.3 | 21962 |
| Trial Mean | | | 165.0 | | 20.1 | 4.2 | 55.2 | 21844 |
| LSD_{0.05} | | | 26.8 | | 0.98 | 8.5 | 1.9 | 3989 |
| CV% | | | 9.7 | | 2.9 | 120 | 2.1 | 10.9 |

¹See Table 5 for trait designations for early-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.

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

Table 12. Performance of mid-season hybrids evaluated at Lower Eastern Shore R&E Center- Poplar Hill Facility, Quantico, MD during 2014.

| 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) |
|---------------------------|----------------------------|--------------------------|---------------------------|----------------|-------------|-------------------------|---------------------|-------------------------|
| 3 | NK | N70J 3011 Brand | 202.6 | 99.5 | 23.8 | 0.0 | 55.4 | 23051 |
| 4 | NK | N75H 5122 Brand | 212.5* | 104.4 | 26.7 | 0.0 | 53.3 | 23414 |
| 11 | Dekalb | DKC60-67RIB | 200.6 | 98.5 | 22.2 | 0.8 | 57.5 | 24866 |
| 12 | Dekalb⁴ | DKC61-89RIB | 204.1 | 100.2 | 21.9 | 0.0 | 56.6 | 26681 |
| 13 | Dekalb | DKC62-08RIB | 235.6 | 115.7 | 23.3 | 0.0 | 55.6 | 26681 |
| 14 | Dekalb | DKC62-77RIB | 197.9 | 97.2 | 23.0 | 0.0 | 56.0 | 21599 |
| 19 | Dyna-Gro | D48SS38 | 194.7 | 95.6 | 23.1 | 0.0 | 56.2 | 23051 |
| 20 | Dyna-Gro | D50SS43 | 197.5 | 97.0 | 22.4 | 0.0 | 55.9 | 24140 |
| 21 | Dyna-Gro | D52SS91 | 211.3* | 103.8 | 24.6 | 0.0 | 57.6 | 24684 |
| 25 | T.A Seeds | TA583-22DPRIB | 196.5 | 96.5 | 21.0 | 0.0 | 55.2 | 22869 |
| 26 | T.A Seeds | TA683-13VPRIB | 190.3 | 93.4 | 23.3 | 2.1 | 56.4 | 22688 |
| 27 | T.A Seeds | TA647-22DPRIB | 195.1 | 95.8 | 21.6 | 0.0 | 56.5 | 25229 |
| 31 | T.A Seeds | TA 625-31 | 226.5* | 111.3 | 23.1 | 0.0 | 55.4 | 24321 |
| 33 | Augusta | A3958 | 209.9* | 103.1 | 21.0 | 0.0 | 56.3 | 25761 |
| 34 | Augusta | A4361 | 203.5 | 99.9 | 20.1 | 0.8 | 53.5 | 26499 |
| 35 | Augusta | A4461 | 218.5* | 107.3 | 23.0 | 0.0 | 55.4 | 25229 |
| 36 | Augusta | A5562 | 207.0* | 101.7 | 22.0 | 0.0 | 57.1 | 24503 |
| 42 | Augusta⁴ | A5262 | 209.1* | 102.7 | 24.4 | 2.3 | 53.6 | 23958 |
| 44 | Augusta | A4258 | 189.8 | 93.2 | 23.2 | 0.8 | 57.0 | 23414 |
| 46 | Hubner | H5420RC3P | 199.6 | 98.1 | 23.1 | 0.0 | 56.3 | 22143 |
| 53 | Mycogen | 2V717 | 183.1 | 89.9 | 22.5 | 0.8 | 53.7 | 21054 |
| 54 | Mycogen | 2V709 | 211.7* | 104.0 | 23.4 | 1.3 | 55.7 | 28677 |
| 57 | Doebler's | RPM [®] 629AMX | 191.9 | 94.2 | 21.2 | 0.8 | 56.9 | 22688 |
| 58 | Doebler's | RPM [®] 5015AM | 222.7* | 109.4 | 20.9 | 2.3 | 55.4 | 25047 |
| 59 | Doebler's | RPM [®] 5115AM | 193.8 | 95.2 | 20.9 | 0.0 | 55.7 | 22688 |
| 62 | FsInvision | FS 60R36SS | 198.0 | 97.3 | 22.4 | 0.0 | 56.3 | 25592 |
| 63 | FsInvision | FS 6243VT3P | 200.5 | 98.5 | 23.3 | 0.0 | 55.4 | 22143 |
| 67 | Pioneer⁴ | P1184AM | 198.2 | 97.3 | 21.6 | 0.7 | 58.4 | 25047 |
| Trial Mean | | | 203.5 | | 22.6 | 0.45 | 55.9 | 24204 |
| LSD_{0.05} | | | 29.7 | | 0.8 | N.S.⁵ | 0.8 | N.S.⁵ |
| CV% | | | 8.9 | | 2.1 | 302 | 0.84 | 11.6 |

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.

⁵N.S. indicates that no statistically significant difference (p=0.05) 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** at this location.

Table 13. Performance of full season hybrids evaluated at Lower Eastern Shore R&E Center- Poplar Hill Facility, Quantico, MD during 2014.

| 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) |
|---------------------------|----------------------------|--------------------------|---------------------------|----------------|-------------|-------------------------|---------------------|-------------------------|
| 15 | Dekalb | DKC63-35RIB | 204.8 | 99.1 | 22.7 | 0.0 | 56.3 | 23595 |
| 16 | Dekalb | DKC64-89RIB | 219.1* | 106.0 | 22.6 | 0.7 | 57.0 | 26318 |
| 17 | Dekalb⁴ | DKC65-19RIB | 207.3 | 100.3 | 24.0 | 0.0 | 57.7 | 21054 |
| 18 | Dekalb | DKC66-40RIB | 196.1 | 94.9 | 24.4 | 0.0 | 56.4 | 21962 |
| 22 | Dyna-Gro | D54DC94 | 211.7* | 102.4 | 24.2 | 17.5 | 55.8 | 24140 |
| 23 | Dyna-Gro | D55VP77 | 198.8 | 96.2 | 23.4 | 0.7 | 56.0 | 21599 |
| 24 | Dyna-Gro | D57VP51 | 237.5 | 114.9 | 24.0 | 0.0 | 56.7 | 23232 |
| 28 | T.A Seeds | TA753-22DPRIB | 199.3 | 96.4 | 22.8 | 0.0 | 58.3 | 22143 |
| 29 | T.A Seeds | TA744-13VPRIB | 212.8* | 103.0 | 24.7 | 0.0 | 56.3 | 21054 |
| 30 | T.A Seeds | TA774-13VPRIB | 219.7* | 106.3 | 25.9 | 0.7 | 55.1 | 22143 |
| 37 | Augusta | A5664 | 202.6 | 98.0 | 23.7 | 0.0 | 54.6 | 23777 |
| 38 | Augusta | A6664 | 207.9 | 100.6 | 23.9 | 0.0 | 56.5 | 23051 |
| 39 | Augusta | A8064 | 195.2 | 94.4 | 22.2 | 0.8 | 57.8 | 21599 |
| 40 | Augusta | A5565 | 196.4 | 95.0 | 24.5 | 9.3 | 56.3 | 21054 |
| 43 | Augusta⁴ | A8868 | 210.5* | 101.8 | 25.7 | 4.3 | 56.3 | 23414 |
| 47 | Hubner | H4663RC2P | 224.8* | 108.8 | 24.1 | 0.0 | 54.2 | 25773 |
| 48 | Hubner | H4744RC2P | 228.4* | 110.5 | 23.9 | 0.0 | 56.9 | 25047 |
| 49 | Mycogen | 2C799 | 184.0 | 89.0 | 24.2 | 0.0 | 55.0 | 21236 |
| 50 | Mycogen | 2C788 | 181.9 | 88.0 | 25.3 | 0.0 | 55.4 | 22325 |
| 51 | Mycogen | 2V779 | 187.4 | 90.7 | 23.8 | 0.0 | 54.6 | 23958 |
| 52 | Mycogen | 2Y767 | 192.3 | 93.0 | 24.6 | 0.0 | 54.9 | 21962 |
| 60 | Doebler's | RPM® 5315AMXT | 231.2* | 111.9 | 23.3 | 0.8 | 55.8 | 24503 |
| 61 | Doebler's | 5615GRQ | 208.7 | 101.0 | 24.0 | 0.7 | 55.4 | 25229 |
| 64 | FslInvision | FS 63R29SS | 198.6 | 96.1 | 23.5 | 0.8 | 57.9 | 24140 |
| 65 | FslInvision | FS 64R46SS | 180.7 | 87.4 | 24.8 | 0.0 | 58.5 | 20873 |
| 68 | Pioneer⁴ | P1319HR | 235.8* | 114.1 | 23.2 | 0.0 | 59.1 | 26862 |
| Trial Mean | | | 206.7 | | 24.0 | 1.4 | 56.3 | 23155 |
| LSD_{0.05} | | | 27.2 | | 0.95 | N.S.⁵ | 1.2 | N.S.⁵ |
| CV% | | | 8.0 | | 2.4 | 432 | 1.3 | 0.5 |

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.

⁵N.S. indicates that no statistically significant difference (p=0.05) 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** at this location.

Table 14. Performance of early-season hybrids evaluated at Lower Eastern Shore Research and Education Center, Salisbury Facility, Salisbury, MD during 2014.

| 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) |
|---------------------------|----------------------------|--------------------------|---------------------------|----------------|-------------|-------------------------|---------------------|-----------------------|
| 1 | NK | N59B 3111A Brand | 214.6* | 106.5 | 20.7 | 0.0 | 56.3 | 28987 |
| 2 | NK | N60F 3111 Brand | 204.7* | 101.7 | 20.0 | 0.7 | 56.4 | 28496 |
| 5 | Dekalb | DKC50-84RIB | 179.0 | 88.9 | 16.5 | 0.0 | 54.8 | 28314 |
| 6 | Dekalb | DKC52-30RIB | 200.4* | 99.5 | 18.2 | 0.0 | 56.6 | 28133 |
| 7 | Dekalb | DKC52-84RIB | 197.2 | 97.9 | 17.3 | 0.7 | 54.9 | 27770 |
| 8 | Dekalb | DKC54-40RIB | 199.6* | 99.1 | 17.4 | 0.0 | 57.6 | 28859 |
| 9 | Dekalb | DKC57-75RIB | 211.0* | 104.8 | 18.6 | 0.0 | 56.7 | 29766 |
| 10 | Dekalb⁴ | DKC57-92RIB | 210.2* | 104.4 | 19.3 | 0.0 | 57.1 | 29040 |
| 32 | Augusta | A5457 | 207.1* | 102.8 | 19.9 | 0.0 | 59.3 | 27588 |
| 41 | Augusta⁴ | A3354 | 195.0 | 96.8 | 19.1 | 0.0 | 58.2 | 27887 |
| 45 | Hubner | H4359RC2P | 187.3 | 93.0 | 18.7 | 0.0 | 57.1 | 25773 |
| 55 | Mycogen | 2R602 | 215.1 | 106.8 | 19.6 | 0.0 | 54.7 | 27588 |
| 56 | Doebler's | RPM®563HXR™ | 200.0* | 99.3 | 18.7 | 0.0 | 57.1 | 27407 |
| 66 | Pioneer⁴ | P0210AM | 198.6* | 98.6 | 16.8 | 0.0 | 55.3 | 28314 |
| Trial Mean | | | 201.4 | | 18.6 | 0.1 | 56.6 | 28137 |
| LSD_{0.05} | | | 17.3 | | 0.8 | N.S.⁵ | 1.1 | 1920 |
| CV% | | | 5.1 | | 2.5 | 440 | 1.2 | 0.5 |

¹See Table 5 for trait designations for early-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.

⁵N.S. indicates that no statistically significant difference (p=0.05) 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** at this location.

Table 15. Performance of mid-season hybrids evaluated at Lower Eastern Shore R&E Center, Salisbury Facility, Salisbury, MD during 2014.

| Test Entry No. | Brand/Company | Hybrid Name ¹ | Yield (bu/A) ² | Relative Yield | Moisture % | Lodging ³ % | Test Weight (lb/bu) | Population plants/A |
|---------------------------|----------------------------|--------------------------|---------------------------|----------------|-------------|------------------------|---------------------|-------------------------|
| 3 | NK | N70J 3011 Brand | 216.1* | 100.9 | 19.8 | 0.0 | 57.3 | 28425 |
| 4 | NK | N75H 5122 Brand | 220.1* | 102.8 | 22.5 | 0.0 | 53.5 | 27044 |
| 11 | Dekalb | DKC60-67RIB | 220.1* | 102.8 | 19.6 | 0.0 | 59.3 | 29222 |
| 12 | Dekalb⁴ | DKC61-89RIB | 224.6* | 104.9 | 20.0 | 0.0 | 58.2 | 29222 |
| 13 | Dekalb | DKC62-08RIB | 218.3* | 101.9 | 20.8 | 0.0 | 57.8 | 29040 |
| 14 | Dekalb | DKC62-77RIB | 226.1* | 105.5 | 20.2 | 0.0 | 56.2 | 29403 |
| 19 | Dyna-Gro | D48SS38 | 211.7* | 98.8 | 20.4 | 0.0 | 58.6 | 28496 |
| 20 | Dyna-Gro | D50SS43 | 207.4* | 96.8 | 20.3 | 0.0 | 55.9 | 29040 |
| 21 | Dyna-Gro | D52SS91 | 226.7* | 105.8 | 21.4 | 0.0 | 59.0 | 29766 |
| 25 | T.A Seeds | TA583-22DPRIB | 214.4* | 100.1 | 19.8 | 0.0 | 56.6 | 27407 |
| 26 | T.A Seeds | TA683-13VPRIB | 195.9 | 91.5 | 20.3 | 0.0 | 59.5 | 28859 |
| 27 | T.A Seeds | TA647-22DPRIB | 221.5* | 103.4 | 20.0 | 0.7 | 58.6 | 28133 |
| 31 | T.A Seeds | TA 625-31 | 218.2* | 101.9 | 21.6 | 0.0 | 56.8 | 29585 |
| 33 | Augusta | A3958 | 210.8* | 98.4 | 18.9 | 0.0 | 57.2 | 29403 |
| 34 | Augusta | A4361 | 206.5* | 96.4 | 18.7 | 0.0 | 54.2 | 27407 |
| 35 | Augusta | A4461 | 214.3* | 100.0 | 20.8 | 0.0 | 56.7 | 28613 |
| 36 | Augusta | A5562 | 210.5* | 98.3 | 19.8 | 0.0 | 59.3 | 28238 |
| 42 | Augusta⁴ | A5262 | 206.0* | 96.2 | 21.2 | 0.0 | 53.6 | 28750 |
| 44 | Augusta | A4258 | 216.0* | 100.8 | 20.9 | 0.0 | 58.2 | 29585 |
| 46 | Hubner | H5420RC3P | 209.8* | 97.9 | 20.4 | 0.0 | 58.2 | 28437 |
| 53 | Mycogen | 2V717 | 226.1* | 105.6 | 20.5 | 0.0 | 55.8 | 29040 |
| 54 | Mycogen | 2V709 | 207.1* | 96.7 | 20.6 | 0.0 | 57.7 | 29339 |
| 57 | Doebler's | RPM® 629AMX | 222.8* | 104.0 | 20.0 | 0.0 | 58.8 | 28859 |
| 58 | Doebler's | RPM® 5015AM | 220.8* | 103.1 | 19.8 | 0.0 | 57.6 | 27225 |
| 59 | Doebler's | RPM® 5115AM | 196.0 | 91.5 | 19.5 | 0.0 | 57.3 | 27044 |
| 62 | FsInvision | FS 60R36SS | 189.0 | 88.2 | 20.3 | 0.0 | 56.6 | 27248 |
| 63 | FsInvision | FS 6243VT3P | 228.7* | 106.8 | 21.4 | 0.0 | 57.8 | 27588 |
| 67 | Pioneer⁴ | P1184AM | 213.3* | 99.6 | 19.6 | 0.0 | 59.0 | 28677 |
| Trial Mean | | | 214.2 | | 20.3 | 0.05 | 57.3 | 28539 |
| LSD_{0.05} | | | 26.6 | | 0.7 | 0.35 | 1.6 | N.S.⁵ |
| CV% | | | 7.6 | | 2.1 | 461 | 0.8 | 0.4 |

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.

⁵N.S. indicates that no statistically significant difference (p=0.05) 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** at this location.

Table 16. Performance of full season hybrids evaluated at Lower Eastern Shore R&E Center, Salisbury Facility, Salisbury, MD during 2014.

| 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) |
|---------------------------|----------------------------|--------------------------|---------------------------|----------------|-------------|-------------------------|---------------------|-----------------------|
| 15 | Dekalb | DKC63-35RIB | 247.9* | 107.1 | 19.6 | 0.0 | 58.4 | 28859 |
| 16 | Dekalb | DKC64-89RIB | 214.6 | 92.7 | 19.6 | 0.0 | 57.1 | 26910 |
| 17 | Dekalb⁴ | DKC65-19RIB | 234.0* | 101.1 | 21.1 | 0.0 | 59.2 | 26136 |
| 18 | Dekalb | DKC66-40RIB | 235.8* | 101.9 | 21.8 | 0.0 | 55.5 | 29040 |
| 22 | Dyna-Gro | D54DC94 | 233.5* | 100.9 | 21.6 | 0.0 | 54.7 | 28496 |
| 23 | Dyna-Gro | D55VP77 | 230.3* | 99.5 | 20.9 | 0.0 | 56.6 | 27225 |
| 24 | Dyna-Gro | D57VP51 | 242.8* | 104.9 | 21.4 | 0.0 | 56.2 | 30311 |
| 28 | T.A Seeds | TA753-22DPRIB | 224.2* | 96.9 | 20.4 | 0.7 | 57.6 | 28133 |
| 29 | T.A Seeds | TA744-13VPRIB | 223.2* | 96.4 | 21.8 | 0.0 | 57.4 | 27770 |
| 30 | T.A Seeds | TA774-13VPRIB | 240.5* | 103.9 | 23.0 | 0.0 | 54.9 | 27951 |
| 37 | Augusta | A5664 | 227.8* | 98.5 | 21.6 | 0.0 | 55.8 | 29222 |
| 38 | Augusta | A6664 | 249.5* | 107.8 | 21.1 | 0.0 | 56.7 | 27993 |
| 39 | Augusta | A8064 | 189.8 | 82.0 | 21.1 | 0.0 | 58.9 | 26862 |
| 40 | Augusta | A5565 | 228.6* | 98.8 | 21.5 | 0.0 | 57.0 | 27109 |
| 43 | Augusta⁴ | A8868 | 233.8* | 101.0 | 22.6 | 0.0 | 55.1 | 28613 |
| 47 | Hubner | H4663RC2P | 241.3* | 104.3 | 20.5 | 0.0 | 56.7 | 28314 |
| 48 | Hubner | H4744RC2P | 251.1* | 108.5 | 21.0 | 0.0 | 57.7 | 27225 |
| 49 | Mycogen | 2C799 | 231.9* | 100.2 | 21.3 | 0.0 | 55.1 | 28375 |
| 50 | Mycogen | 2C788 | 227.9* | 98.5 | 22.6 | 0.0 | 54.6 | 29040 |
| 51 | Mycogen | 2V779 | 216.6 | 93.6 | 21.4 | 0.0 | 54.4 | 27407 |
| 52 | Mycogen | 2Y767 | 211.5 | 91.4 | 20.9 | 0.0 | 53.2 | 28859 |
| 60 | Doebler's | RPM® 5315AMXT | 242.4* | 104.7 | 21.1 | 0.0 | 55.6 | 28859 |
| 61 | Doebler's | 5615GRQ | 224.5* | 97.0 | 21.5 | 0.0 | 56.1 | 27588 |
| 64 | FsInvision | FS 63R29SS | 233.4* | 100.9 | 21.5 | 0.0 | 58.0 | 28133 |
| 65 | FsInvision | FS 64R46SS | 240.0* | 103.7 | 21.2 | 0.0 | 58.4 | 27588 |
| 68 | Pioneer⁴ | P1319HR | 238.7* | 103.1 | 20.9 | 0.0 | 58.8 | 28677 |
| Trial Mean | | | 231.4 | | 21.3 | 0.03 | 56.5 | 28103 |
| LSD_{0.05} | | | 28.3 | | 0.7 | N.S.⁵ | 1.6 | 1783 |
| CV% | | | 7.5 | | 0.9 | 883 | 1.8 | 3.9 |

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.

⁵N.S. indicates that no statistically significant difference (p=0.05) 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** at this location.

Table 17. Performance of early season hybrids evaluated at Western Maryland Research and Education Center, Keedysville, MD during 2014.

| 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) |
|---------------------|----------------------------|---|---------------------------|----------------|-------------|-------------------------|---------------------|-------------------------|
| 1 | NK | N59B 3111A Brand | 195.1* | 105.8 | 25.7 | 0.0 | 52.6 | 26862 |
| 2 | NK | N60F 3111 Brand | 198.2* | 107.5 | 25.0 | 0.0 | 53.8 | 29040 |
| 5 | Dekalb | DKC50-84RIB | 185.8* | 100.8 | 20.2 | 0.0 | 54.8 | 28859 |
| 6 | Dekalb | DKC52-30RIB | 181.3 | 98.4 | 20.8 | 0.0 | 57.0 | 26499 |
| 7 | Dekalb | DKC52-84RIB | 167.2 | 90.7 | 20.3 | 1.3 | 55.7 | 28496 |
| 8 | Dekalb | DKC54-40RIB | 171.3 | 93.0 | 21.3 | 0.0 | 56.7 | 26136 |
| 9 | Dekalb | DKC57-75RIB | 180.8 | 98.1 | 22.4 | 1.3 | 55.7 | 28859 |
| 10 | Dekalb⁴ | DKC57-92RIB | 180.8 | 98.1 | 22.2 | 0.0 | 56.1 | 27588 |
| 32 | Augusta | A5457 | 180.3 | 97.8 | 23.7 | 1.3 | 58.0 | 28677 |
| 41 | Augusta⁴ | A3354 | 175.9 | 95.5 | 21.6 | 1.9 | 58.2 | 28496 |
| 45 | Hubner | H4359RC2P | 179.5 | 97.4 | 23.7 | 0.0 | 55.6 | 27588 |
| 55 | Mycogen | 2R602 | 194.8* | 105.7 | 22.1 | 1.4 | 53.1 | 26862 |
| 56 | Doebler's | RPM[®] 563HXR[™] | 206.6 | 112.1 | 24.6 | 1.3 | 56.6 | 27951 |
| 66 | Pioneer⁴ | P0210AM | 182.6 | 99.1 | 20.6 | 0.6 | 55.3 | 27407 |
| Trial Mean | | | 184.3 | | 22.5 | 0.7 | 55.7 | 27808 |
| LSD _{0.05} | | | 22.2 | | 1.5 | N.S.⁵ | 1.0 | N.S.⁵ |
| CV% | | | 7.2 | | 4.1 | 217 | 0.9 | 5.4 |

¹See Table 5 for trait designations for early-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.

⁵N.S. indicates that no statistically significant difference (p=0.05) 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 18. Performance of mid-season hybrids evaluated at Western Maryland Research and Education Center, Keedysville, MD during 2014.

| Test Entry No. | Brand/Company | Hybrid Name ¹ | Yield (bu/A) ² | Relative Yield | Moisture % | Lodging ³ % | Test Weight (lb/bu) | Population (plants/A) |
|---------------------------|----------------------------|--------------------------|---------------------------|----------------|-------------|------------------------|---------------------|-------------------------|
| 3 | NK | N70J 3011 Brand | 193.1* | 102.6 | 26.5 | 1.2 | 53.4 | 28677 |
| 4 | NK | N75H 5122 Brand | 203.8* | 108.3 | 27.2 | 0.6 | 52.0 | 28496 |
| 11 | Dekalb | DKC60-67RIB | 211.0* | 112.1 | 24.6 | 0.7 | 56.7 | 28677 |
| 12 | Dekalb⁴ | DKC61-89RIB | 201.0* | 106.8 | 24.6 | 1.2 | 55.5 | 29403 |
| 13 | Dekalb | DKC62-08RIB | 172.0 | 91.4 | 26.1 | 1.9 | 55.6 | 29403 |
| 14 | Dekalb | DKC62-77RIB | 170.1 | 90.4 | 23.0 | 1.4 | 56.6 | 27682 |
| 19 | Dyna-Gro | D48SS38 | 174.5 | 92.7 | 22.8 | 0.0 | 56.4 | 28677 |
| 20 | Dyna-Gro | D50SS43 | 197.6* | 105.0 | 25.2 | 4.3 | 55.1 | 29222 |
| 21 | Dyna-Gro | D52SS91 | 204.0* | 108.4 | 26.7 | 1.4 | 56.7 | 28133 |
| 25 | T.A Seeds | TA583-22DPRIB | 175.4 | 93.1 | 22.9 | 2.1 | 54.5 | 25955 |
| 26 | T.A Seeds | TA683-13VPRIB | 184.4 | 97.9 | 23.9 | 0.6 | 55.8 | 27319 |
| 27 | T.A Seeds | TA647-22DPRIB | 177.7 | 94.4 | 24.3 | 4.1 | 55.3 | 26499 |
| 31 | T.A Seeds | TA 625-31 | 168.9 | 89.7 | 25.0 | 0.7 | 51.5 | 28133 |
| 33 | Augusta | A3958 | 183.1 | 97.2 | 23.5 | 2.1 | 55.6 | 25773 |
| 34 | Augusta | A4361 | 175.6 | 93.3 | 21.7 | 1.4 | 52.6 | 27044 |
| 35 | Augusta | A4461 | 182.3 | 96.8 | 24.4 | 0.7 | 54.2 | 26318 |
| 36 | Augusta | A5562 | 186.3* | 98.9 | 24.4 | 0.6 | 56.4 | 27951 |
| 42 | Augusta⁴ | A5262 | 217.6 | 115.5 | 26.2 | 0.6 | 49.7 | 28496 |
| 44 | Augusta | A4258 | 185.1 | 98.3 | 24.0 | 1.3 | 57.1 | 28677 |
| 46 | Hubner | H5420RC3P | 197.7* | 105.0 | 25.2 | 0.0 | 54.8 | 27770 |
| 53 | Mycogen | 2V717 | 188.5* | 100.1 | 25.7 | 2.8 | 53.8 | 27225 |
| 54 | Mycogen | 2V709 | 192.8* | 102.4 | 24.7 | 1.3 | 54.0 | 26862 |
| 57 | Doebler's | RPM [®] 629AMX | 171.3 | 91.0 | 24.0 | 0.7 | 57.0 | 27588 |
| 58 | Doebler's | RPM [®] 5015AM | 201.8* | 107.2 | 24.2 | 0.7 | 54.7 | 27588 |
| 59 | Doebler's | RPM [®] 5115AM | 214.7* | 114.0 | 23.9 | 2.8 | 54.9 | 26593 |
| 62 | FsInvision | FS 60R36SS | 186.0* | 98.8 | 24.9 | 2.9 | 56.3 | 25955 |
| 63 | FsInvision | FS 6243VT3P | 193.2* | 102.6 | 26.8 | 1.4 | 56.0 | 27044 |
| 67 | Pioneer⁴ | P1184AM | 163.2 | 86.7 | 23.9 | 1.9 | 57.0 | 29040 |
| Trial Mean | | | 188.3 | | 24.6 | 1.5 | 55.0 | 27721 |
| LSD_{0.05} | | | 31.9 | | 1.6 | 4.0 | 1.6 | N.S.⁵ |
| CV% | | | 10.3 | | 3.8 | 165 | 1.8 | 5.5 |

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.

⁵N.S. indicates that no statistically significant difference (p=0.05) 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 19. Performance of full season hybrids evaluated at Western Maryland Research and Education Center, Keedysville, MD during 2014.

| 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) |
|---------------------------|----------------------------|--------------------------|---------------------------|----------------|-------------|------------------------|---------------------|-------------------------|
| 15 | Dekalb | DKC63-35RIB | 210.0 | 99.2 | 23.6 | 3.1 | 56.4 | 27225 |
| 16 | Dekalb | DKC64-89RIB | 205.1 | 96.8 | 24.7 | 5.1 | 55.8 | 28314 |
| 17 | Dekalb⁴ | DKC65-19RIB | 219.8* | 103.8 | 26.6 | 0.0 | 56.6 | 26031 |
| 18 | Dekalb | DKC66-40RIB | 221.4* | 104.5 | 27.8 | 5.0 | 56.4 | 29707 |
| 22 | Dyna-Gro | D54DC94 | 227.3* | 107.3 | 27.8 | 1.2 | 56.9 | 30129 |
| 23 | Dyna-Gro | D55VP77 | 200.9 | 94.9 | 25.0 | 3.2 | 54.1 | 28133 |
| 24 | Dyna-Gro | D57VP51 | 212.4 | 100.3 | 24.6 | 3.3 | 55.7 | 29222 |
| 28 | T.A Seeds | TA753-22DPRIB | 215.6* | 101.8 | 26.2 | 4.6 | 58.5 | 27407 |
| 29 | T.A Seeds | TA744-13VPRIB | 209.3 | 98.8 | 26.8 | 6.6 | 55.3 | 27770 |
| 30 | T.A Seeds | TA774-13VPRIB | 217.3* | 102.6 | 27.8 | 2.0 | 55.6 | 27342 |
| 37 | Augusta | A5664 | 229.9* | 108.5 | 25.7 | 0.6 | 53.7 | 27588 |
| 38 | Augusta | A6664 | 226.4* | 106.9 | 26.0 | 3.7 | 55.5 | 28314 |
| 39 | Augusta | A8064 | 206.0 | 97.3 | 25.6 | 0.0 | 57.6 | 27770 |
| 40 | Augusta | A5565 | 205.8 | 97.2 | 26.3 | 2.9 | 55.6 | 26474 |
| 43 | Augusta⁴ | A8868 | 214.3* | 101.2 | 27.8 | 1.3 | 56.2 | 27951 |
| 47 | Hubner | H4663RC2P | 212.3 | 100.2 | 25.8 | 1.3 | 53.5 | 28089 |
| 48 | Hubner | H4744RC2P | 232.9 | 110.0 | 26.3 | 0.0 | 56.6 | 27588 |
| 49 | Mycogen | 2C799 | 213.4 | 100.8 | 26.1 | 1.9 | 53.6 | 27770 |
| 50 | Mycogen | 2C788 | 214.9* | 101.5 | 27.9 | 0.0 | 55.0 | 27987 |
| 51 | Mycogen | 2V779 | 200.3 | 94.5 | 25.8 | 0.7 | 53.6 | 26862 |
| 52 | Mycogen | 2Y767 | 212.6 | 100.4 | 26.3 | 0.0 | 53.3 | 28314 |
| 60 | Doebler's | RPM® 5315AMXT | 178.9 | 84.5 | 24.1 | 2.6 | 55.3 | 28133 |
| 61 | Doebler's | 5615GRQ | 211.7 | 100.0 | 25.6 | 0.0 | 52.8 | 28496 |
| 64 | FsInvision | FS 63R29SS | 214.4* | 101.2 | 26.7 | 1.3 | 58.1 | 29403 |
| 65 | FsInvision | FS 64R46SS | 208.1 | 98.2 | 25.2 | 4.9 | 57.0 | 26587 |
| 68 | Pioneer⁴ | P1319HR | 186.1 | 87.9 | 24.7 | 1.9 | 58.1 | 28677 |
| Trial Mean | | | 211.8 | | 26.0 | 2.2 | 55.7 | 27972 |
| LSD_{0.05} | | | 19.2 | | 1.2 | 4.0 | 1.7 | N.S.⁵ |
| CV% | | | 5.5 | | 2.9 | 111 | 1.8 | 5.6 |

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.

⁵N.S. indicates that no statistically significant difference (p=0.05) 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 20. Performance of early hybrids evaluated at Central Maryland Research and Education Center, Clarksville, MD during 2014.

| 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) |
|---------------------------|----------------------------|--------------------------|---------------------------|----------------|-------------|-------------------------|---------------------|-------------------------|
| 1 | NK | N59B 3111A Brand | 239.8 | 114.9 | 20.8 | 0.0 | 54.2 | 27534 |
| 2 | NK | N60F 3111 Brand | 219.2* | 105.0 | 19.9 | 1.4 | 54.5 | 26862 |
| 5 | Dekalb | DKC50-84RIB | 177.0 | 84.8 | 17.1 | 2.0 | 55.6 | 27225 |
| 6 | Dekalb | DKC52-30RIB | 211.8* | 101.5 | 17.8 | 0.0 | 55.5 | 28314 |
| 7 | Dekalb | DKC52-84RIB | 187.4 | 89.8 | 16.8 | 2.1 | 53.5 | 27951 |
| 8 | Dekalb | DKC54-40RIB | 215.8* | 103.4 | 18.4 | 1.3 | 57.0 | 28677 |
| 9 | Dekalb | DKC57-75RIB | 224.9* | 107.7 | 19.1 | 0.6 | 55.4 | 28677 |
| 10 | Dekalb⁴ | DKC57-92RIB | 222.0* | 106.4 | 18.2 | 0.0 | 56.1 | 27044 |
| 32 | Augusta | A5457 | 206.4 | 98.9 | 19.6 | 0.7 | 57.9 | 27143 |
| 41 | Augusta⁴ | A3354 | 194.4 | 93.1 | 18.9 | 0.0 | 57.6 | 28677 |
| 45 | Hubner | H4359RC2P | 175.9 | 84.3 | 20.5 | 1.4 | 56.1 | 25912 |
| 55 | Mycogen | 2R602 | 208.6 | 99.9 | 18.7 | 0.7 | 53.8 | 26042 |
| 56 | Doebler's | RPM® 563HXR™ | 215.2* | 103.1 | 19.1 | 0.7 | 56.3 | 26681 |
| 66 | Pioneer⁴ | P0210AM | 223.3* | 107.0 | 17.3 | 1.3 | 55.4 | 28098 |
| Trial Mean | | | 208.7 | | 18.7 | 0.9 | 55.6 | 27806 |
| LSD_{0.05} | | | 29.1 | | 0.9 | N.S.⁵ | 1.3 | N.S.⁵ |
| CV% | | | 8.3 | | 3.0 | 170 | 1.4 | 7.8 |

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

⁵N.S. indicates that no statistically significant difference (p=0.05) 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 21. Performance of mid-season hybrids evaluated at Central Maryland Research and Education Center, Clarksville, MD during 2014.

| Test Entry No. | Brand/Company | Hybrid Name ¹ | Yield (bu/A) ² | Relative Yield | Moisture % | Lodging ³ % | Test Weight (lb/bu) | Population (plants/A) |
|---------------------------|----------------------------|--------------------------|---------------------------|----------------|-------------|-------------------------|---------------------|-------------------------|
| 3 | NK | N70J 3011 Brand | 235.2* | 103.0 | 21.2 | 0.0 | 56.1 | 27407 |
| 4 | NK | N75H 5122 Brand | 239.7* | 104.9 | 24.9 | 1.4 | 54.0 | 26318 |
| 11 | Dekalb | DKC60-67RIB | 235.1* | 102.9 | 20.0 | 0.7 | 57.8 | 28595 |
| 12 | Dekalb⁴ | DKC61-89RIB | 247.2 | 108.2 | 20.5 | 0.0 | 56.9 | 28976 |
| 13 | Dekalb | DKC62-08RIB | 241.0* | 105.5 | 21.7 | 0.0 | 57.1 | 27770 |
| 14 | Dekalb | DKC62-77RIB | 217.3 | 95.1 | 20.8 | 0.7 | 56.8 | 27951 |
| 19 | Dyna-Gro | D48SS38 | 201.6 | 88.3 | 20.3 | 0.0 | 58.3 | 27735 |
| 20 | Dyna-Gro | D50SS43 | 223.6 | 97.9 | 20.9 | 0.7 | 56.5 | 27225 |
| 21 | Dyna-Gro | D52SS91 | 241.0* | 105.5 | 22.8 | 2.0 | 57.8 | 28496 |
| 25 | T.A Seeds | TA583-22DPRIB | 201.6 | 88.3 | 19.4 | 0.7 | 56.5 | 24778 |
| 26 | T.A Seeds | TA683-13VPRIB | 226.6* | 99.2 | 21.3 | 0.6 | 58.2 | 27951 |
| 27 | T.A Seeds | TA647-22DPRIB | 217.7 | 95.3 | 20.6 | 1.6 | 58.1 | 26318 |
| 31 | T.A Seeds | TA 625-31 | 222.4 | 97.4 | 23.8 | 0.7 | 55.2 | 27644 |
| 33 | Augusta | A3958 | 233.1* | 102.1 | 19.7 | 0.6 | 56.3 | 28496 |
| 34 | Augusta | A4361 | 220.3 | 96.5 | 18.8 | 2.8 | 53.8 | 26418 |
| 35 | Augusta | A4461 | 221.9 | 97.1 | 20.8 | 0.7 | 55.8 | 28168 |
| 36 | Augusta | A5562 | 237.1* | 103.8 | 21.2 | 0.0 | 59.4 | 29409 |
| 42 | Augusta⁴ | A5262 | 234.2* | 102.5 | 22.8 | 0.7 | 52.6 | 26417 |
| 44 | Augusta | A4258 | 220.2 | 96.4 | 21.0 | 0.0 | 58.1 | 27261 |
| 46 | Hubner | H5420RC3P | 238.2* | 104.3 | 21.3 | 0.0 | 57.2 | 28314 |
| 53 | Mycogen | 2V717 | 221.7 | 97.1 | 21.6 | 1.4 | 55.1 | 26767 |
| 54 | Mycogen | 2V709 | 234.1* | 102.5 | 22.0 | 0.0 | 56.9 | 28314 |
| 57 | Doebler's | RPM® 629AMX | 228.6* | 100.1 | 20.5 | 0.0 | 57.3 | 28677 |
| 58 | Doebler's | RPM® 5015AM | 242.9* | 106.4 | 20.0 | 0.0 | 56.9 | 27951 |
| 59 | Doebler's | RPM® 5115AM | 233.5* | 102.2 | 20.1 | 0.0 | 54.8 | 25718 |
| 62 | FsInvision | FS 60R36SS | 211.4 | 92.6 | 21.0 | 0.7 | 56.9 | 27225 |
| 63 | FsInvision | FS 6243VT3P | 241.5* | 105.8 | 22.2 | 0.6 | 57.6 | 28496 |
| 67 | Pioneer⁴ | P1184AM | 227.3* | 99.5 | 20.0 | 0.7 | 59.7 | 27770 |
| Trial Mean | | | 228.4 | | 21.1 | 0.6 | 56.7 | 27592 |
| LSD_{0.05} | | | 21.7 | | 1.0 | N.S.⁵ | 1.0 | N.S.⁵ |
| CV% | | | 5.8 | | 2.8 | 198 | 1.1 | 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.

⁵N.S. indicates that no statistically significant difference (p=0.05) 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 22. Performance of full season hybrids evaluated at Central Maryland Research and Education Center-Clarksville Facility, Clarksville, MD during 2014.

| 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) |
|---------------------------|----------------------------|--------------------------|---------------------------|----------------|-------------|-------------------------|---------------------|-----------------------|
| 15 | Dekalb | DKC63-35RIB | 239.4* | 104.3 | 20.2 | 0.0 | 57.5 | 28677 |
| 16 | Dekalb | DKC64-89RIB | 226.0* | 98.5 | 20.5 | 0.0 | 56.9 | 26985 |
| 17 | Dekalb⁴ | DKC65-19RIB | 235.3* | 102.5 | 23.1 | 0.0 | 57.4 | 25032 |
| 18 | Dekalb | DKC66-40RIB | 226.0* | 98.5 | 22.7 | 0.0 | 55.3 | 26874 |
| 22 | Dyna-Gro | D54DC94 | 242.8* | 105.8 | 23.9 | 0.0 | 56.5 | 27588 |
| 23 | Dyna-Gro | D55VP77 | 221.5* | 96.5 | 22.3 | 0.0 | 55.3 | 26599 |
| 24 | Dyna-Gro | D57VP51 | 244.5 | 106.5 | 21.6 | 0.0 | 56.6 | 29040 |
| 28 | T.A Seeds | TA753-22DPRIB | 217.8 | 94.9 | 20.8 | 0.0 | 58.9 | 25592 |
| 29 | T.A Seeds | TA744-13VPRIB | 229.2* | 99.9 | 22.5 | 0.0 | 57.3 | 26975 |
| 30 | T.A Seeds | TA774-13VPRIB | 228.9* | 99.8 | 24.1 | 0.0 | 55.4 | 24684 |
| 37 | Augusta | A5664 | 235.1* | 102.4 | 23.0 | 0.0 | 54.0 | 27623 |
| 38 | Augusta | A6664 | 245.3* | 106.9 | 22.9 | 0.0 | 56.6 | 28126 |
| 39 | Augusta | A8064 | 229.0* | 99.8 | 20.8 | 0.7 | 58.1 | 27879 |
| 40 | Augusta | A5565 | 232.8* | 101.4 | 23.1 | 0.8 | 55.3 | 26421 |
| 43 | Augusta⁴ | A8868 | 217.1 | 94.6 | 23.1 | 0.0 | 56.3 | 27588 |
| 47 | Hubner | H4663RC2P | 242.4* | 105.6 | 22.0 | 0.6 | 55.7 | 28118 |
| 48 | Hubner | H4744RC2P | 232.6* | 101.4 | 22.8 | 0.0 | 57.2 | 25410 |
| 49 | Mycogen | 2C799 | 228.0* | 99.3 | 22.6 | 0.0 | 55.9 | 29294 |
| 50 | Mycogen | 2C788 | 219.7* | 95.7 | 23.4 | 0.0 | 55.6 | 28031 |
| 51 | Mycogen | 2V779 | 226.0* | 98.5 | 21.4 | 0.0 | 53.1 | 28314 |
| 52 | Mycogen | 2Y767 | 228.8* | 99.7 | 22.3 | 0.0 | 53.6 | 28250 |
| 60 | Doebler's | RPM® 5315AMXT | 218.2 | 95.1 | 20.4 | 1.4 | 56.7 | 27834 |
| 61 | Doebler's | 5615GRQ | 231.0* | 100.6 | 23.4 | 0.7 | 54.1 | 27185 |
| 64 | FsInvision | FS 63R29SS | 221.2* | 96.4 | 21.0 | 0.0 | 58.0 | 27641 |
| 65 | FsInvision | FS 64R46SS | 214.2 | 93.3 | 22.2 | 0.8 | 58.1 | 25135 |
| 68 | Pioneer⁴ | P1319HR | 233.0* | 101.5 | 20.5 | 0.0 | 58.4 | 29866 |
| Trial Mean | | | 229.5 | | 22.2 | 0.2 | 56.3 | 27337 |
| LSD_{0.05} | | | 25.1 | | 1.3 | N.S.⁵ | 1.2 | 2238 |
| CV% | | | 6.7 | | 3.7 | 310 | 1.3 | 5.0 |

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.

⁵N.S. indicates that no statistically significant difference (p=0.05) 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 23. Relative yield scores for early season hybrids evaluated in Maryland during 2014.

| Entry No. | Brand/ Company Name | Hybrid | Relative Yield | | | | | |
|-----------------------------|----------------------------|--------------------|----------------|--------------|--------------|--------------|--------------|--------------|
| | | | Avg. 5 Sites | Wye | Poplar Hill | Salisbury | Clarksville | Keedysville |
| 1 ³ | NK | N59B 3111A Brand | 107.3 | 92.5 | 116.7 | 106.5 | 114.9 | 105.8 |
| 2 ² | NK | N60F 3111 Brand | 106.8 | 100.1 | 119.8 | 101.7 | 105.0 | 107.5 |
| 5 | Dekalb | DKC50-84RIB | 87.5 | 94.8 | 68.3 | 88.9 | 84.8 | 100.8 |
| 6 | Dekalb | DKC52-30RIB | 102.9 | 111.3 | 104.0 | 99.5 | 101.5 | 98.4 |
| 7 | Dekalb | DKC52-84RIB | 86.7 | 93.0 | 61.9 | 97.9 | 89.8 | 90.7 |
| 8 | Dekalb | DKC54-40RIB | 96.7 | 88.0 | 100.1 | 99.1 | 103.4 | 93.0 |
| 9 ³ | Dekalb | DKC57-75RIB | 102.9 | 102.0 | 102.0 | 104.8 | 107.7 | 98.1 |
| 10³ | Dekalb | DKC57-92RIB | 105.6 | 109.4 | 109.9 | 104.4 | 106.4 | 98.1 |
| 32 | Augusta | A5457 | 101.4 | 97.1 | 110.6 | 102.8 | 98.9 | 97.8 |
| 41 | Augusta¹ | A3354 | 96.1 | 93.7 | 101.6 | 96.8 | 93.1 | 95.5 |
| 45 | Hubner | H4359RC2P | 90.7 | 92.6 | 86.2 | 93.0 | 84.3 | 97.4 |
| 55 ³ | Mycogen | 2R602 | 105.4 | 108.6 | 105.9 | 106.8 | 99.9 | 105.7 |
| 56 ³ | Doebler's | RPM® 563HXR™ | 104.3 | 104.4 | 102.8 | 99.3 | 103.1 | 112.1 |
| 66 | Pioneer¹ | P0210AM | 105.5 | 112.9 | 109.8 | 98.6 | 107.0 | 99.1 |
| Trial Mean (bu/acre) | | | 190.5 | 193.1 | 165.0 | 201.4 | 208.7 | 184.3 |

¹Hybrids in **bold** are check hybrids. They are included through funding provided by the Maryland Grain Producers' Utilization Board.

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

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

Table 24. Relative yield scores for mid-season hybrids evaluated in Maryland during 2014.

| Test Entry No. | Brand/Company Name | Hybrid Name | Relative Yield % | | | | | |
|-----------------------------|----------------------------|-------------------------|------------------|--------------|--------------|--------------|--------------|--------------|
| | | | Avg. 5 sites | Wye | Poplar Hill | Salisbury | Clarksville | Keedysville |
| 3 ³ | NK | N70J 3011 Brand | 103.4 | 111.1 | 99.5 | 100.9 | 103.0 | 102.6 |
| 4 ² | NK | N75H 5122 Brand | 106.7 | 113.1 | 104.4 | 102.8 | 104.9 | 108.3 |
| 11 | Dekalb | DKC60-67RIB | 101.6 | 91.9 | 98.5 | 102.8 | 102.9 | 112.1 |
| 12² | Dekalb¹ | DKC61-89RIB | 105.0 | 105.0 | 100.2 | 104.9 | 108.2 | 106.8 |
| 13 ³ | Dekalb | DKC62-08RIB | 103.6 | 103.3 | 115.7 | 101.9 | 105.5 | 91.4 |
| 14 | Dekalb | DKC62-77RIB | 97.9 | 101.3 | 97.2 | 105.5 | 95.1 | 90.4 |
| 19 | Dyna-Gro | D48SS38 | 95.1 | 99.9 | 95.6 | 98.8 | 88.3 | 92.7 |
| 20 | Dyna-Gro | D50SS43 | 98.3 | 94.7 | 97.0 | 96.8 | 97.9 | 105.0 |
| 21 ³ | Dyna-Gro | D52SS91 | 103.7 | 94.9 | 103.8 | 105.8 | 105.5 | 108.4 |
| 25 | T.A Seeds | TA583-22DPRIB | 93.9 | 91.4 | 96.5 | 100.1 | 88.3 | 93.1 |
| 26 | T.A Seeds | TA683-13VPRIB | 95.0 | 92.9 | 93.4 | 91.5 | 99.2 | 97.9 |
| 27 | T.A Seeds | TA647-22DPRIB | 97.4 | 98.1 | 95.8 | 103.4 | 95.3 | 94.4 |
| 31 | T.A Seeds | TA 625-31 | 100.5 | 102.0 | 111.3 | 101.9 | 97.4 | 89.7 |
| 33 | Augusta | A3958 | 100.5 | 101.7 | 103.1 | 98.4 | 102.1 | 97.2 |
| 34 | Augusta | A4361 | 96.5 | 96.4 | 99.9 | 96.4 | 96.5 | 93.3 |
| 35 | Augusta | A4461 | 100.3 | 100.1 | 107.3 | 100.0 | 97.1 | 96.8 |
| 36 | Augusta | A5562 | 102.3 | 108.7 | 101.7 | 98.3 | 103.8 | 98.9 |
| 42 | Augusta¹ | A5262 | 103.1 | 98.6 | 102.7 | 96.2 | 102.5 | 115.5 |
| 44 | Augusta | A4258 | 96.9 | 96.0 | 93.2 | 100.8 | 96.4 | 98.3 |
| 46 | Hubner | H5420RC3P | 102.5 | 107.1 | 98.1 | 97.9 | 104.3 | 105.0 |
| 53 | Mycogen | 2V717 | 98.4 | 99.4 | 89.9 | 105.6 | 97.1 | 100.1 |
| 54 | Mycogen | 2V709 | 100.6 | 97.5 | 104.0 | 96.7 | 102.5 | 102.4 |
| 57 | Doebler's | RPM [®] 629AMX | 96.7 | 94.1 | 94.2 | 104.0 | 100.1 | 91.0 |
| 58 ² | Doebler's | RPM [®] 5015AM | 106.2 | 105.1 | 109.4 | 103.1 | 106.4 | 107.2 |
| 59 | Doebler's | RPM [®] 5115AM | 100.9 | 101.8 | 95.2 | 91.5 | 102.2 | 114.0 |
| 62 | FsInvision | FS 60R36SS | 95.0 | 97.9 | 97.3 | 88.2 | 92.6 | 98.8 |
| 63 ³ | FsInvision | FS 6243VT3P | 103.1 | 101.7 | 98.5 | 106.8 | 105.8 | 102.6 |
| 67 | Pioneer¹ | P1184AM | 95.5 | 94.6 | 97.3 | 99.6 | 99.5 | 86.7 |
| Trial Mean (bu/acre) | | | 211.3 | 222.0 | 203.5 | 214.2 | 228.4 | 188.3 |

¹Hybrids in **bold** are check hybrids. They are included through funding provided by the Maryland Grain Producers' Utilization Board.

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

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

Table 25. Relative yield scores for full-season hybrids evaluated in Maryland during 2014.

| Test Entry No. | Brand/ Company Name | Hybrid Name | Relative Yield % | | | | | |
|-----------------------------|----------------------------|--------------------|------------------|--------------|--------------|--------------|--------------|--------------|
| | | | Avg. 5 Sites | Wye | Poplar Hill | Salisbury | Clarksville | Keedysville |
| 15 | Dekalb | DKC63-35RIB | 102.3 | 101.9 | 99.1 | 107.1 | 104.3 | 99.2 |
| 16 | Dekalb | DKC64-89RIB | 99.8 | 104.9 | 106.0 | 92.7 | 98.5 | 96.8 |
| 17² | Dekalb¹ | DKC65-19RIB | 102.9 | 106.8 | 100.3 | 101.1 | 102.5 | 103.8 |
| 18 | Dekalb | DKC66-40RIB | 98.6 | 93.4 | 94.9 | 101.9 | 98.5 | 104.5 |
| 22 ² | Dyna-Gro | D54DC94 | 103.5 | 101.1 | 102.4 | 100.9 | 105.8 | 107.3 |
| 23 | Dyna-Gro | D55VP77 | 96.2 | 94.1 | 96.2 | 99.5 | 96.5 | 94.9 |
| 24 ² | Dyna-Gro | D57VP51 | 106.5 | 106.1 | 114.9 | 104.9 | 106.5 | 100.3 |
| 28 | T.A Seeds | TA753-22DPRIB | 97.8 | 99.2 | 96.4 | 96.9 | 94.9 | 101.8 |
| 29 | T.A Seeds | TA744-13VPRIB | 99.6 | 100.1 | 103.0 | 96.4 | 99.9 | 98.8 |
| 30 ³ | T.A Seeds | TA774-13VPRIB | 103.0 | 102.4 | 106.3 | 103.9 | 99.8 | 102.6 |
| 37 | Augusta | A5664 | 103.8 | 111.4 | 98.0 | 98.5 | 102.4 | 108.5 |
| 38 ² | Augusta | A6664 | 105.9 | 107.1 | 100.6 | 107.8 | 106.9 | 106.9 |
| 39 | Augusta | A8064 | 92.6 | 89.7 | 94.4 | 82.0 | 99.8 | 97.3 |
| 40 | Augusta | A5565 | 98.1 | 98.3 | 95.0 | 98.8 | 101.4 | 97.2 |
| 43³ | Augusta¹ | A8868 | 100.2 | 102.3 | 101.8 | 101.0 | 94.6 | 101.2 |
| 47 ² | Hubner | H4663RC2P | 104.5 | 103.6 | 108.8 | 104.3 | 105.6 | 100.2 |
| 48 ² | Hubner | H4744RC2P | 107.3 | 106.2 | 110.5 | 108.5 | 101.4 | 110.0 |
| 49 | Mycogen | 2C799 | 98.0 | 100.8 | 89.0 | 100.2 | 99.3 | 100.8 |
| 50 | Mycogen | 2C788 | 97.4 | 103.1 | 88.0 | 98.5 | 95.7 | 101.5 |
| 51 | Mycogen | 2V779 | 92.4 | 84.9 | 90.7 | 93.6 | 98.5 | 94.5 |
| 52 | Mycogen | 2Y767 | 95.5 | 93.0 | 93.0 | 91.4 | 99.7 | 100.4 |
| 60 | Doebler's | RPM® 5315AMXT | 99.9 | 103.1 | 111.9 | 104.7 | 95.1 | 84.5 |
| 61 ³ | Doebler's | 5615GRQ | 100.0 | 101.5 | 101.0 | 97.0 | 100.6 | 100.0 |
| 64 | FsInvision | FS 63R29SS | 98.0 | 95.6 | 96.1 | 100.9 | 96.4 | 101.2 |
| 65 | FsInvision | FS 64R46SS | 96.2 | 98.4 | 87.4 | 103.7 | 93.3 | 98.2 |
| 68 | Pioneer¹ | P1319HR | 99.6 | 91.6 | 114.1 | 103.1 | 101.5 | 87.9 |
| Trial Mean (bu/acre) | | | 221.3 | 227.0 | 206.7 | 231.4 | 229.5 | 211.8 |

¹Hybrids in **bold** are check hybrids. They are included through funding provided by the Maryland Grain Producers' Utilization Board.

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

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