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VIRGINIA SOYBEAN PERFORMANCE TESTS

2015

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Tidewater Agricultural Research and Extension Center

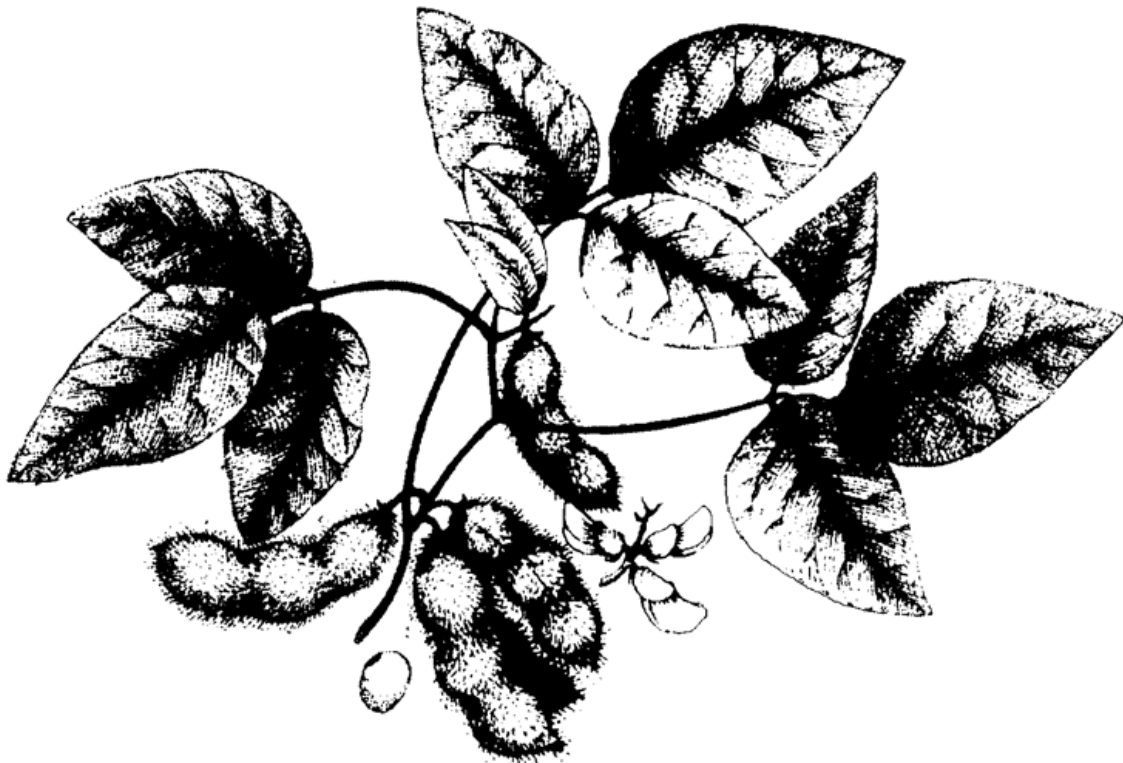
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| Great Heart Seed | UniSouth Genetics, Inc. |
| Growmark FS, LLC | University of Arkansas |
| Meherrin Ag & Chemical Co | USDA-ARS |
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All County Extension Agents for an excellent job of disseminating this information

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INTRODUCTION

The purpose of this publication is to provide performance data of the many soybean varieties offered for sale in Virginia. These data should be of benefit to producers and agribusinesses in making selections of varieties for their use. It is realized that not all varieties that are offered for sale in Virginia are included in these tests. There is no implication that varieties not included are inferior in any way, but only that they have not been tested.

MATERIALS AND METHODS

Soybean varieties were entered by commercial seed companies, universities, and crop improvement associations. Performance tests were conducted under full-season (May-planted) and/or double-crop (planted June to early-July) systems in the Northern Piedmont (Orange), Southern Piedmont (Blackstone), Northern Coastal Plain (Warsaw), Southern Coastal Plain (Suffolk), and Eastern Shore (Painter) regions of Virginia. All double-crop tests were no-till planted following barley or wheat harvest or at a comparable timing following application of herbicide during the small grain heading stage. Recommended cultural practices were used and data were collected from a uniform set of instructions. Details of cultural practices used and soil types are listed on the table on page 4. Fertilizer was applied according to Virginia Tech soil test recommendations. A fungicide seed treatment was used on all seed. Seeding rates were the equivalent to 165,000 seed per acre in full-season tests and 220,000 seed per acre in double-crop tests. All tests were maintained weed free with preemergence and/or postemergence herbicides and hand weeding. Insecticides were applied if insect pests approach economic thresholds. Fungicides were applied if disease was present and conditions were favorable for further disease progress. Tests were harvested as near to the date of first harvest maturity as work schedules and weather would permit. Plots were end-trimmed to prevent alley effects. The interior rows of all plots were harvested with a small-plot combine equipped with weigh scales, moisture meter, and on-board computer. A small seed sample was collected from each plot to evaluate seed characteristics. Data were collected using the following methods:

Maturity was measured at the date when 95% of the pods turned brown (R8).

Lodging was visually estimated using a 1 to 5 scale according to the following criteria:

- 1.0 = almost all plants erect
- 2.0 = either all plants leaning slightly, or a few plants down
- 3.0 = either all plants leaning moderately (45° angle), or 25 to 50% down
- 4.0 = either all plants leaning considerably or 50 to 80% down
- 5.0 = all plants down

Plant Height was determined at maturity (R8) by measuring and averaging 3 to 5 randomly chosen plants. Height was measured from the ground to the uppermost main-stem node of the plant at maturity.

Purple Seed Stain (PSS) is the percentage of seed from a 100-seed sample that are affected with that disease.

Seed Quality (SQ) ratings may represent *Phomopsis* seed decay or other seed disease. The following scale was used:

1.0 = very good; 2.0 = good; 3.0 = fair; 4.0 = poor; 5.0 = very poor.

Seed Size (SS) was obtained from the weight of a 100-seed sample then converted to number of seed per pound.

Yield (bushels/acre) was measured as pounds or grams per plot, adjusted to 13% moisture, and then converted to bushels per acre. A bushel weight of 60 pounds (at 13% moisture) was used to determine yield.

The experimental design was a randomized complete block design with three replications per site. Due to the number of entries, it was necessary to separate the varieties by maturity in all locations. To facilitate field operations and to allow for more accurate comparison, maturity group IV and V varieties were separated into early (RMG 4.0-4.6; 5.0-5.4) and late (RMG 4.7-4.9; 5.6-5.9) tests. Data were subjected to analysis of variance and means were separated with Fisher's Protected LSD test ($p = 0.10$).

INTERPRETING THE RESULTS

Tables 1a-1i contain yield summaries over all sites. Past analysis of test data indicated that variety selection should be made from multiple years and sites. More sites result in information that is more reliable. Not all varieties are tested in full-season and double-crop systems. Therefore, one should not use averages across full-season and double-crop systems to compare varieties. Varieties are ranked by average yield across sites in descending order.

The remaining pages contain detailed yield and other performance data from each site. The highest average yielding varieties are listed first in each table. It is not statistically correct to compare varieties from different maturity groups. However, it is recommended that producers select two to three of the highest yielding varieties from each maturity group adapted to his region in order to spread out harvesting time and yield risks associated with timing of summer rainfall patterns. Because of year-to-year variability in variety performance, it is suggested that data for varieties with less than six site-years be considered preliminary. The average performance of a variety over multiple environments is more reliable than its performance in one test. Multiple-year data can be obtained from the authors. Other traits shown in the tables are maturity, lodging, height, seed quality, purple stain, and seed size. After examining these results, the producer may want to plant limited quantities of several new better performing varieties to observe how they perform on his farm and under his management conditions.

Within maturity groups at each location, LSD (least significant difference) was calculated at the 10% probability level. The LSD is a statistical test to assist the reader in comparing the yield differences among varieties within a particular maturity group. When two entries are compared and the difference between them is greater than the calculated LSD value, the varieties are considered significantly different. The coefficient of variation (CV) is a relative measure of variation and is an indicator of the degree of precision associated with the test. CV values less than 15% indicates that the precision of the test was good in distinguishing differences between varieties.

| Location | Planting Date | Tillage System | Herbicides | Date Applied | Insecticide/ Fungicides | Soil Type | Row Width | Rows Planted | Rows Harvested | Row Length Harvested |
|---------------|-------------------|----------------|---|----------------------|-------------------------------|------------------------|-----------|--------------|----------------|----------------------|
| Blackstone-FS | 5/12 | No-Till | BroadAxe | 5/5 | None | Madison clay loam | 15" | 5 | 4 | 17' |
| Orange-FS | 5/6 | No-Till | Dual II Mag Sonic Reflex | 5/6 6/11 | None | Tatum silt loam | 15" | 5 | 4 | 17' |
| Painter-FS | 6/10 (replant) | Conv. | Dual II Mag, TriCor DF Reflex Basagran | 5/21 6/22 7/2 | Mustang Max 9/4 | Bojac sandy loam | 15" | 5 | 4 | 17' |
| Suffolk-FS | 5/13 | No-Till | Dual II Mag, Sonic Select Basagran | 5/15 6/17 6/19 | Belt, Baythroid XL 8/20 | Eunola loamy fine sand | 15" | 5 | 4 | 17' |
| Warsaw-FS | 5/25 | Conv. | Medal II, First Rate | 5/13 | None | Kempsville loam | 30" | 4 | 2 | 12' |
| Blackstone-DC | 6/24 | No-Till | Dual II Mag, Sonic Select | 6/24 8/27 | None | Appling sandy loam | 15" | 5 | 4 | 17' |
| Orange-DC | 6/11 | No-Till | Dual II Mag Sonic | 6/11 | None | Tatum silt loam | 15" | 5 | 4 | 17' |
| Painter-DC | 7/9 | No-Till | Dual II Mag TriCor DF | 7/12 | None | Bojac sandy loam | 15" | 5 | 4 | 17' |
| Suffolk-DC | 6/22 | No-Till | Dual II Mag, Sonic Select | 6/23 7/13 | Belt, Baythroid XL 8/27 | Eunola loamy fine sand | 15" | 5 | 4 | 17' |
| Warsaw-DC | 6/30 | No-Till | Medal II | 6/30 | None | Kempsville loam | 7.5" | 5 | 5 | 12' |



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MONTHLY PRECIPITATION (INCHES) AND AVERAGE RAINFALL MAY - OCTOBER

| Location | | May | June | July | Aug. | Sept. | Oct. | Total |
|------------|-------------|------|------|------|------|-------|------|-------|
| Blackstone | 2015 | 1.70 | 7.15 | 4.61 | 3.34 | 6.69 | 5.17 | 28.21 |
| | 64-yr Avg. | 3.90 | 3.90 | 4.72 | 4.11 | 3.96 | 3.41 | 24.00 |
| Orange | 2015 | 1.65 | 5.24 | 2.43 | 0.79 | 3.11 | 2.18 | 15.40 |
| | 73-yr. Avg. | 3.93 | 3.82 | 4.34 | 3.82 | 3.84 | 3.52 | 23.27 |
| Painter | 2015 | 2.90 | 5.29 | 4.85 | 2.69 | 2.52 | 3.98 | 22.23 |
| | 75-yr Avg. | 3.38 | 3.75 | 4.54 | 4.34 | 4.34 | 3.57 | 23.92 |
| Suffolk | 2015 | .55 | 7.48 | 4.62 | 2.62 | 5.33 | 3.56 | 24.16 |
| | 81-yr. Avg. | 3.88 | 4.23 | 3.48 | 5.74 | 4.31 | 3.52 | 25.16 |
| Warsaw | 2015 | 1.60 | 8.92 | 4.49 | 3.50 | 4.64 | 4.04 | 27.19 |
| | 47-yr Avg. | 4.03 | 4.00 | 4.19 | 4.45 | 4.29 | 3.45 | 24.41 |

| SUPPLIERS OF SOYBEAN VARIETIES TESTED | | |
|---|-----------------------|---|
| SUPPLIER | BRAND | VARIETIES |
| Monsanto 800 N. Lindbergh Blvd. St. Louis, MO 63167 | Asgrow | AG4135, AG4232, AG4336, AG4632, AG4633, AG4835, AG4934, AG5233, AG5335, AG5533 |
| Bayer Crop Science 1502 Clarksville Dr. Scotland Neck, NC 27874 | CZ, HBK | 3560RY, 3991RY, 4181RY, 4590RY, 4959RY, 3737LL, 3841LL, 3945LL, 4044LL, 4105LL, 4222LL, 4540LL, LL4653, 4748LL, 4818LL, LL4950, LL4953, 5150LL, 5147LL, 5242LL, 5225LL, 5445LL, 5727LL |
| Channel Bio 800 N. Lindbergh Blvd. St. Louis, MO 63167 | Channel | 4009R2, 4107R2, 4209R2, 4508R2/SR, 4806R2/STS |
| Coastal AgroBusiness PO Box 856 Greenville, NC 27835 | Stine | 47RF32, 51RH20, 61RF00, 49LD02, 54LE23, 58LC23 |
| Crop Production Services 1140 Sweet Road East Aurora, NY 14052 | Dyna-Gro | S42RY46, 31RY45, 39RY43, S48RS53, S49RY25, 32RY55, S46RY85, S52RY75, S56RY84 |
| Dabblers PA Hybrids Inc. 202 Tiadaghton Avenue Jersey Shore, PA 17740 | RPM | RPMD3516R, RPMD3815R, RPMD4715RR, RPMD5416R, RPMD5710RR |
| Dupont Pioneer 59 Greif Parkway, Suite 200 Delaware, OH 43015 | Pioneer | P39T67R, P46T21R, P48T53R, P49T80R, P50T15BR, P52T50R, P56T29R2 |
| Great Heart Seed 220 W. Washington St. Paris, IL 61944 | Great Heart | GT-474CRS, GT-500CR2S |
| Growmark FS, LLC 1571 Blackiston Church Rd. Clayton, DEL 19938 | Growmark FS- HiSoy | HS 47T12, HS 49T14 |
| Meherrin Ag & Chemical Co 4020 Wake Forest Rd., Suite 110 Raleigh, NC 27609 | Southern Harvest | SH 4913 LL, SH 5215 LL, SH 5515 LL, SH 5912 LL, SH 5912 LL, SH 6215 LL |
| Mid-Atlantic Seeds 204 ST. Charles Way 163E York, PA 17403 | Mid-Atlantic | MAS3889RR2/STS, MAS3815RR2, MAS3415RR2, MAS4315RR2/STS, MAS4222nRR2, MAS3516nRR2, MAS4355RR2/STS, MAS4614RR2/STS, MA4722RR2/STS |
| Montague Farms 35212 Tidewater Trail Center Cross, VA 22437 | Montague | MFS-561, MFS-56P5 |
| Mycogen Seeds 300 Pine Tree Road Selma, NC 27375-8424 | Mycogen Seeds | 5N479R2, 5N550R2, 5N522R2 |

| | | |
|--|------------------------|---|
| Progeny Ag Products 1529 Hwy. 193 Wynne, AR 72396 | Progeny | P 4613RYS, P 4757RY, P 4788RY, P 4850RYS, P 4900RY, P 5213RY, P 5226RYS, P 5333RY, P 5460LL, P 5555RY, P 5610RY, P 5960LL, P 5752RY, P 5414LLS, P 6355LL, P6215RY, P 6710RY |
| Southern States Coop 6606 W Broad St Richmond, VA 23230 | Southern States | SS3813NR2, SS3914NSR2, SS4215NSR2, SS4414NR2, SS4514NR2, SS4714NSR2, SS4725NSR2, SS4915NSR2, SS4917NR2, SS5213NR2, SS5215NSR2, SS5511NR2, SS5513NR2, SS5615NR2, SS5711R2, SS5911NR2 |
| Syngenta Seeds, Inc. 11055 Wayzata Blvd Minnetonka, MN 55305 | NK | S39-C4, S41-J6, S45-R7, S48-P4 |
| T.A. Seeds 39 Seeds Lane Jersey Shore, PA 17740 | T.A. Seeds | TS4269R2S, TS4469R2S, TS4669R2, TS4869R2S |
| Terral Seed Inc. 117 Ellington Dr Rayville, LA 71269 | Terral Seed | REV 38R10, REV 39A35, REV 47R34, REV 49R94, REV 51A56, REV 55R53, REV 56R63, REV 57R21 |
| Tidewater Seed, LLC 210 Marlboro Ave. Suite 25- #398 Easton, MD 21601 | AXIS | 4516NR, 4716NRS, 4916NR |
| UniSouth Genetics, Inc. 3205C Hwy 46 S Dickson, TN 37055 | USG | 73P93R, 74F24RS, 74A74RS, 74G23L, 74D32R, 74B42R, 74F53R, 74G63L, 74G74LS, 74A79R, 74B83RS, 74D95RS, 75T40, 75J45R, 75Q52R, Ellis, 75G24L, 75B75R, 75J90R, 76G15L, 75G95LS, 74K95RS |
| University of Arkansas 115 Plant Science Building Fayetteville, AR 72701 | University of Arkansas | UA 5014C, Osage, UA 5612, UA 5213C, R09-430, R09-1589 |
| USDA-ARS 605 Airways Blvd Jackson, TN 38301 | USDA-ARS | JTN-5110 |
| Virginia Tech 509 Latham Hall Blacksburg, VA 24060 | Virginia | V09-0610, V11-2149, V10-1687, V11-0730, V10-0262, Md0708WN 120, V11-2263, Md99-6626, V12-0253R2, V12-0045R2, V08-1924 |

Table 1a. Yield summaries of Full-Season maturity group III entries.

| Brand | Variety | Herb Resist | Relative Maturity | | | | | 2-Year | 3-Year |
|-----------------|---------------|-------------|-------------------|------|------|------|------|--------|--------|
| | | | | ORG | PTR | WAR | AVG | Avg. | Avg. |
| Terral Seed | REV39A35 | RR | 3.9 | 64.8 | 26.5 | 76.2 | 55.8 | | |
| CZ | 3991RY | RR2Y | 3.9 | 62.0 | 28.0 | 75.1 | 55.0 | | |
| USG | 73P93R | RR2Y | 3.9 | 57.2 | 27.9 | 79.6 | 54.9 | | |
| CZ | 3945LL | LL | 3.9 | 63.0 | 25.9 | 72.2 | 53.7 | | |
| Terral Seed | REV38R10 | RR | 3.8 | 63.7 | 24.7 | 69.6 | 52.7 | | |
| Southern States | SS3914NSR2 | RR2Y/STS | 3.9 | 63.9 | 22.3 | 69.4 | 51.9 | 49.9 | |
| Pioneer | P39T67R | RR | 3.9 | 66.5 | 23.7 | 64.7 | 51.6 | 49.9 | |
| Doebler's | RPMDDB3815RR | RR | 3.8 | 55.6 | 23.8 | 74.1 | 51.2 | 49.4 | |
| Mid-Atlantic | MA3815RR2 | RR2Y | 3.8 | 54.6 | 25.2 | 72.8 | 50.9 | | |
| Mid-Atlantic | MA3415RR2 | RR2Y | 3.4 | 50.1 | 27.3 | 75.0 | 50.8 | | |
| CZ | 3560RY | RR2Y | 3.5 | 51.1 | 26.1 | 72.7 | 50.0 | | |
| Doebler's | RPMDDB3516R | RR | 3.5 | 56.5 | 24.8 | 65.2 | 48.8 | | |
| Mid-Atlantic | MAS3516nRR2 | RR2Y | 3.5 | 55.2 | 24.4 | 65.6 | 48.4 | | |
| CZ | 3841LL | LL | 3.8 | 53.7 | 24.0 | 66.8 | 48.2 | 47.2 | |
| Southern States | SS3813NR2 | RR2Y | 3.8 | 52.6 | 22.5 | 69.2 | 48.1 | 47.3 | 51.7 |
| CZ | 3737LL | LL | 3.7 | 53.8 | 23.7 | 66.6 | 48.0 | | |
| NK | S39-C4 | RR2Y | 3.9 | 54.9 | 22.3 | 66.0 | 47.7 | | |
| Mid-Atlantic | MA3889RR2/STS | RR2/STS | 3.8 | 48.9 | 22.4 | 71.5 | 47.6 | | |
| LSD P=.10 | | | | 8.5 | 4.2 | 6.0 | --- | --- | --- |
| CV | | | | 10.7 | 12.4 | 6.2 | --- | --- | --- |
| Grand Mean | | | | 57.1 | 24.7 | 70.7 | 50.8 | 48.74 | 51.7 |

Table 1b. Yield Summaries of Full-Season early maturity group IV entries.

| Brand | Variety | Herb Resist | Relative Maturity | Yield | | | | | | | 2-Year Avg. | 3-Year Avg. |
|-----------------|---------------|-------------|-------------------|-------|------|------|------|------|------|------|-------------|-------------|
| | | | | BLK | ORG | PTR | SUF | WAR | AVG | | | |
| Hubner Seed | H45-16 | RR2Y | 4.6 | 60.5 | 60.2 | 34.2 | 63.1 | 61.1 | 55.8 | | | |
| T.A. Seeds | TS4469R2S | RR2Y/STS | 4.4 | 54.8 | 57.3 | 32.4 | 63.9 | 57.2 | 53.1 | | | |
| Pioneer | P46T21R | RR | 4.6 | 55.3 | 56.8 | 30.4 | 68.2 | 54.2 | 53.0 | 56.2 | | |
| USG | Ellis | CONV | 4.9 | 64.7 | 43.1 | 33.2 | 73.8 | 50.0 | 53.0 | | | |
| Dyna-Gro | 39RY43 | RR2Y | 4.3 | 50.5 | 56.6 | 34.1 | 58.4 | 63.9 | 52.7 | 56.1 | | |
| Asgrow | AG4135 | RR2Y/STS | 4.1 | 49.6 | 60.9 | 30.3 | 59.8 | 62.7 | 52.7 | | | |
| Mid-Atlantic | MA4355RR2/STS | RR2Y/STS | 4.3 | 53.7 | 54.0 | 34.9 | 65.7 | 54.2 | 52.5 | | | |
| Channel | 4209R2 | RR2Y | 4.2 | 64.4 | 53.4 | 30.3 | 59.9 | 53.2 | 52.2 | | | |
| USG | 74F24RS | RR2Y/STS | 4.2 | 47.2 | 59.0 | 34.6 | 64.4 | 55.4 | 52.1 | | | |
| Asgrow | AG4336 | RR2Y | 4.3 | 50.4 | 50.6 | 34.3 | 67.1 | 57.8 | 52.0 | | | |
| Mid-Atlantic | MA4222nRR2 | RR2Y | 4.2 | 51.4 | 54.6 | 33.4 | 64.8 | 56.0 | 52.0 | | | |
| Progeny Ag | P4613RYS | RR2Y/STS | 4.6 | 51.5 | 57.1 | 37.6 | 63.9 | 49.6 | 51.9 | 54.5 | 59.0 | |
| T.A. Seeds | TS4669R2 | RR2Y | 4.6 | 52.5 | 54.5 | 34.7 | 64.6 | 52.3 | 51.7 | | | |
| Channel | 4009R2 | RR2Y | 4.0 | 52.4 | 59.1 | 34.6 | 50.4 | 60.8 | 51.5 | | | |
| CZ | 4181RY | RR2Y | 4.1 | 47.3 | 56.4 | 34.2 | 59.7 | 59.4 | 51.4 | 55.4 | | |
| CZ | 4590RY | RR2Y | 4.5 | 46.8 | 62.0 | 27.3 | 66.9 | 52.7 | 51.1 | | | |
| CZ | 4105LL | LL | 4.1 | 54.2 | 56.2 | 29.2 | 58.7 | 57.2 | 51.1 | | | |
| Mid-Atlantic | MA4315RR2/STS | RR2/STS | 4.3 | 48.0 | 54.1 | 37.3 | 63.2 | 52.1 | 50.9 | | | |
| Channel | 4508R2/SR | RR2Y/SR | 4.5 | 44.8 | 61.8 | 32.2 | 56.5 | 59.2 | 50.9 | 54.7 | | |
| T.A. Seeds | TS4269R2S | RR2Y/STS | 4.2 | 49.3 | 59.0 | 32.4 | 59.7 | 52.9 | 50.7 | | | |
| Southern States | SS4414NR2 | RR2Y | 4.4 | 53.9 | 54.2 | 27.9 | 69.6 | 47.0 | 50.5 | | | |
| Dyna-Gro | 31RY45 | RR2Y | 4.5 | 46.6 | 44.6 | 40.7 | 68.7 | 47.9 | 49.7 | 56.1 | | |
| Mid-Atlantic | MA4614RR2/STS | RR2/STS | 4.6 | 44.1 | 52.1 | 33.7 | 70.8 | 46.1 | 49.4 | | | |
| Southern States | SS4514NR2 | RR2Y | 4.5 | 45.7 | 49.5 | 41.0 | 62.5 | 46.7 | 49.1 | 54.0 | | |
| Southern States | SS4215NSR2 | RR2Y/STS | 4.2 | 47.9 | 51.3 | 30.2 | 57.7 | 58.3 | 49.1 | | | |
| CZ | 4044LL | LL | 4.0 | 40.0 | 53.4 | 31.5 | 55.8 | 60.1 | 48.2 | | | |
| Asgrow | AG4632 | RR2Y/STS | 4.6 | 47.4 | 43.3 | 25.4 | 62.6 | 60.5 | 47.8 | 56.2 | 58.0 | |
| NK | S41-J6 | RR2Y | 4.1 | 51.5 | 44.3 | 25.2 | 57.5 | 59.0 | 47.5 | | | |
| Asgrow | AG4232 | RR2Y/STS | 4.2 | 44.7 | 48.3 | 33.3 | 62.0 | 48.3 | 47.3 | 53.1 | | |
| CZ | 4540LL | LL | 4.5 | 46.5 | 48.2 | 32.4 | 61.6 | 47.3 | 47.2 | | | |
| Asgrow | AG4633 | RR2Y | 4.6 | 45.3 | 46.2 | 29.2 | 63.1 | 51.1 | 47.0 | 52.0 | 56.2 | |
| NK | S45R7 | RR2Y/STS | 4.5 | 52.0 | 45.9 | 26.2 | 54.3 | 55.8 | 46.8 | | | |
| Dyna-Gro | S46RY85 | RR2Y | 4.6 | 42.6 | 43.7 | 33.0 | 64.6 | 49.7 | 46.7 | 54.6 | | |
| CZ | 4222LL | LL | 4.2 | 29.5 | 47.9 | 33.3 | 58.1 | 62.0 | 46.2 | | | |
| Virginia Tech | Md0708WN120 | CONV | 4.3 | 43.8 | 46.9 | 30.9 | 50.2 | 58.7 | 46.1 | | | |
| HBK | LL4653 | LL | 4.6 | 49.3 | 50.1 | 31.2 | 46.4 | 49.0 | 45.2 | 51.1 | 52.3 | |
| AXIS | 4516NR | RR2Y | 4.5 | 33.9 | 40.8 | 33.2 | 67.7 | 49.2 | 45.0 | | | |
| Channel | 4107R2 | RR2Y | 4.1 | 30.6 | 47.4 | 33.0 | 60.0 | 52.9 | 44.8 | | | |
| Dyna-Gro | S42RY46 | RR2Y | 4.2 | 31.7 | 47.2 | 34.3 | 56.1 | 51.6 | 44.2 | | | |
| LSD P=.10 | | | | 9.1 | 9.1 | 5.7 | 7.8 | 8.1 | --- | --- | --- | |
| CV | | | | 14.0 | 12.9 | 12.9 | 9.3 | 10.9 | --- | --- | --- | |
| Grand Mean | | | | 48.1 | 52.1 | 32.5 | 61.6 | 54.4 | 49.7 | 51.2 | 51.2 | |

Table 1c. Yield summaries of Full-Season late maturity group IV entries.

| Brand | Variety | Herb Resist | Relative Maturity | | | | | | | 2-Year | 3-Year |
|-------------------|-------------|-------------|-------------------|------|------|------|------|------|------|--------|--------|
| | | | | BLK | ORG | PTR | SUF | WAR | AVG | Avg. | Avg. |
| Southern States | SS4915NSR2 | RR2Y/STS | 4.9 | 56.5 | 49.1 | 31.2 | 80.1 | 57.9 | 60.9 | | |
| Doebler's | RPMDB4715RR | RR | 4.7 | 59.1 | 51.2 | 25.6 | 70.4 | 58.9 | 59.9 | 60.4 | |
| USG | 74K95RS | RR2Y/STS | 4.9 | 63.9 | 42.4 | 17.9 | 77.8 | 53.4 | 59.4 | | |
| Mycogen Seeds | 5N479R2 | RR2Y | 4.7 | 59.2 | 52.0 | 23.0 | 75.8 | 49.9 | 59.2 | | |
| Progeny Ag | P4757RY | RR2Y | 4.7 | 62.5 | 50.9 | 18.9 | 66.3 | 54.2 | 58.5 | | |
| Asgrow | AG4835 | RR2Y/STS | 4.8 | 61.1 | 46.8 | 25.0 | 72.7 | 52.8 | 58.4 | 62.6 | |
| Channel | 4806R2/STS | RR2Y/STS | 4.8 | 57.4 | 49.4 | 23.5 | 75.5 | 51.1 | 58.4 | 60.7 | 64.0 |
| Southern States | SS4917NR2 | RR2Y | 4.9 | 57.9 | 56.7 | 27.6 | 67.1 | 48.5 | 57.6 | 58.4 | 61.7 |
| USG | Ellis | CONV | 4.9 | 62.1 | 39.1 | 38.5 | 71.6 | 55.8 | 57.2 | 62.0 | |
| AXIS | 4716NRS | RR2/STS | 4.7 | 49.1 | 49.4 | 25.1 | 73.6 | 56.3 | 57.1 | | |
| Hubner Seed | H48-13 | RR2Y/SR | 4.8 | 58.0 | 53.2 | 23.8 | 70.4 | 46.6 | 57.1 | 57.0 | 60.5 |
| USG | 74A74RS | RR2Y/STS | 4.7 | 47.7 | 59.2 | 26.5 | 71.9 | 48.7 | 56.9 | | |
| Asgrow | AG4934 | RR2Y/STS | 4.9 | 53.8 | 49.0 | 38.9 | 73.3 | 51.1 | 56.8 | 60.5 | 62.5 |
| Growmark FS-HiSoy | HS47T12 | RR2Y/STS | 4.7 | 59.4 | 40.9 | 24.8 | 71.3 | 55.0 | 56.7 | | |
| Progeny Ag | P4850RYS | RR2Y/STS | 4.8 | 52.1 | 45.8 | 25.4 | 71.6 | 57.0 | 56.6 | 60.4 | 65.1 |
| NK | S48-P4 | RR2Y/STS | 4.8 | 60.5 | 52.3 | 22.9 | 66.5 | 46.8 | 56.5 | | |
| Southern States | SS4725NSR2 | RR2Y/STS | 4.7 | 59.9 | 43.1 | 23.0 | 70.7 | 50.9 | 56.2 | 59.1 | |
| CZ | 4748LL | LL | 4.7 | 51.6 | 52.1 | 25.9 | 63.1 | 56.5 | 55.8 | 60.8 | |
| Pioneer | P49T80R | RR | 4.9 | 60.3 | 41.7 | 26.2 | 68.4 | 50.3 | 55.2 | 58.3 | 64.4 |
| AXIS | 4916NR | RR2/STS | 4.9 | 54.3 | 36.1 | 23.5 | 77.1 | 53.1 | 55.2 | | |
| T.A. Seeds | TS4869R2S | RR2Y/STS | 4.8 | 55.1 | 42.0 | 17.6 | 75.4 | 47.1 | 54.9 | | |
| Terral Seed | REV47R34 | RR | 4.7 | 54.0 | 43.9 | 26.3 | 67.1 | 54.6 | 54.9 | | |
| Dyna-Gro | S49RY25 | RR2Y | 4.9 | 56.4 | 47.4 | 20.3 | 64.1 | 49.5 | 54.4 | 57.4 | |
| CZ | 4959RY | RR2Y | 4.9 | 58.5 | 42.9 | 26.2 | 62.6 | 52.4 | 54.1 | 56.7 | |

| Table 1c. Yield summaries of Full-Season late maturity group IV entries. | | | | | | | | | | | |
|--|---------------|-------------|-------------------|------|------|------|------|------|------|--------|--------|
| Brand | Variety | Herb Resist | Relative Maturity | | | | | | | 2-Year | 3-Year |
| | | | | BLK | ORG | PTR | SUF | WAR | AVG | Avg. | Avg. |
| Southern States | SS4714NSR2 | RR2Y/STS | 4.7 | 51.8 | 43.9 | 27.0 | 69.3 | 50.8 | 54.0 | 58.3 | |
| HBK | LL4953 | LL | 4.9 | 61.4 | 36.0 | 20.7 | 67.4 | 49.9 | 53.7 | 59.0 | |
| Terral Seed | REV49R94 | RR | 4.9 | 59.3 | 38.9 | 28.4 | 63.6 | 52.7 | 53.6 | | |
| Stine | 49LD02 | LL | 4.9 | 56.7 | 41.8 | 30.9 | 69.2 | 44.7 | 53.1 | 60.1 | |
| Stine | 47RF32 | RR2Y | 4.7 | 50.0 | 49.9 | 24.5 | 59.6 | 52.2 | 52.9 | | |
| HBK | LL4950 | LL | 4.9 | 50.5 | 41.0 | 22.4 | 64.6 | 55.4 | 52.9 | 59.4 | |
| Dyna-Gro | S48RS53 | RR2Y/STS | 4.8 | 54.8 | 43.3 | 24.8 | 65.3 | 45.4 | 52.2 | 57.7 | 61.3 |
| Pioneer | P48T53R | RR | 4.8 | 56.0 | 48.1 | 30.2 | 54.2 | 49.7 | 52.0 | 57.3 | 62.9 |
| Virginia Tech | V09-0610 | STS | 4.7 | 51.2 | 36.4 | 29.7 | 69.0 | 50.4 | 51.8 | 57.5 | |
| USG | 74D95RS | RR2Y/STS | 4.9 | 51.0 | 44.7 | 26.1 | 64.3 | 45.5 | 51.4 | | |
| Progeny Ag | P4900RY | RR2Y | 4.9 | 47.1 | 42.0 | 17.8 | 65.9 | 45.9 | 50.2 | 56.6 | |
| Southern Harvest | SH4913 LL | LL | 4.9 | 59.2 | 33.0 | 25.9 | 64.4 | 42.0 | 49.7 | 57.2 | 58.9 |
| Progeny Ag | P4788RY | RR2Y | 4.7 | 49.3 | 40.0 | 19.0 | 62.5 | 46.5 | 49.6 | 53.4 | |
| Virginia Tech | V11-2149 | CONV | 4.7 | 46.0 | 43.6 | 21.1 | 56.4 | 50.7 | 49.2 | 51.8 | |
| HBK | LL4653 | LL | 4.6 | 50.8 | 41.3 | 19.7 | 47.6 | 55.9 | 48.9 | | |
| CZ | 4818 LL | LL | 4.8 | 47.4 | 36.2 | 18.7 | 60.4 | 49.2 | 48.3 | | |
| Mid-Atlantic | MA4722RR2/STS | RR2Y/STS | 4.7 | 43.5 | 43.6 | 23.2 | 62.9 | 42.0 | 48.0 | | |
| USG | 74B83RS | RR2Y/STS | 4.8 | 45.5 | 35.3 | 26.6 | 60.1 | 50.1 | 47.8 | 56.7 | 58.7 |
| University of Arkansas | R09-1589 | CONV | 4.9 | 48.7 | 29.8 | 24.4 | 53.6 | 53.8 | 46.5 | | |
| Growmark FS-HiSoy | HS49T14 | RR2Y/STS | 4.9 | 36.0 | 42.2 | 19.4 | 61.4 | 43.9 | 45.9 | | |
| CZ | 4044LL | LL | 4.0 | 35.2 | 45.3 | 26.3 | 46.4 | 56.5 | 45.9 | | |
| Virginia Tech | V11-2263 | CONV | 4.7 | 37.8 | 44.5 | 18.4 | 54.1 | 46.9 | 45.8 | | |
| LSD P=.10 | | | | 9.1 | 9.3 | 8.1 | 8.1 | 8.6 | --- | --- | --- |
| CV | | | | 12.5 | 15.4 | 24.2 | 8.9 | 12.5 | --- | --- | --- |
| Grand Mean | | | | 53.6 | 44.5 | 24.6 | 66.3 | 50.7 | 53.8 | 49.2 | 49.6 |
| *PTR data is not included in AVG due to low yields and high variability | | | | | | | | | | | |

Table 1d. Yield summaries of Full-Season early maturity group V entries.

| Brand | Variety | Herb Resist | Relative Maturity | | | | | | | 2-Year | 3-Year |
|---|------------|-------------|-------------------|------|------|-------|------|------|------|--------|--------|
| | | | | BLK | ORG | PTR | SUF | WAR | AVG | Avg. | Avg. |
| Southern Harvest | SH5215LL | LL | 5.2 | 57.7 | 60.6 | 8.0 | 72.5 | 52.2 | 60.8 | 62.92 | |
| USG | 75J45R | RR2Y | 5.4 | 57.8 | 53.6 | 20.1 | 69.3 | 58.6 | 59.8 | | |
| Stine | 54LE23 | LL | 5.4 | 62.7 | 55.0 | 14.4 | 54.9 | 59.8 | 58.1 | 65.5 | |
| Progeny Ag | P5460LL | LL | 5.4 | 57.9 | 55.3 | 13.1 | 64.9 | 51.0 | 57.3 | 62.58 | 60.6 |
| Hubner Seed | H56-16 | RR2Y | 5.6 | 68.4 | 43.8 | 14.4 | 57.8 | 58.0 | 57.0 | | |
| Virginia Tech | V11-0730 | CONV | 5.3 | 50.5 | 56.4 | 10.2 | 61.8 | 56.9 | 56.4 | 69.08 | |
| Southern States | SS5215NSR2 | RR2Y/STS | 5.2 | 55.3 | 57.1 | 10.8 | 67.8 | 44.8 | 56.3 | | |
| Doebler's | RPMDB5416R | RR | 5.4 | 52.9 | 41.7 | 14.9 | 75.2 | 52.8 | 55.7 | | |
| Southern States | SS5213NR2 | RR2Y | 5.2 | 52.9 | 45.3 | 14.6 | 68.0 | 55.5 | 55.4 | 63.22 | 58.7 |
| Virginia Tech | V12-0045R2 | RR2 | 5.3 | 55.5 | 44.0 | 20.6 | 59.0 | 63.0 | 55.4 | | |
| CZ | 5150LL | LL | 5.1 | 63.4 | 45.8 | 12.3 | 63.1 | 47.9 | 55.1 | 57.62 | |
| CZ | 5445LL | LL | 5.4 | 50.5 | 50.2 | 19.5 | 57.0 | 61.5 | 54.8 | | |
| Virginia Tech | V10-1687 | CONV | 5.3 | 54.7 | 36.3 | 9.9 | 70.8 | 54.9 | 54.2 | 67.96 | |
| Terral Seed | REV51A56 | RR | 5.1 | 54.5 | 49.5 | 13.7 | 55.0 | 57.7 | 54.2 | | |
| Progeny Ag | P5213RY | RR2Y | 5.2 | 56.5 | 46.1 | 12.4 | 68.3 | 45.2 | 54.0 | 61.52 | 58.7 |
| Virginia Tech | Md99-6626 | CONV | 5.3 | 52.8 | 38.4 | 14.6 | 61.5 | 63.3 | 54.0 | | |
| PUBLIC | GLENN | CONV | 5.6 | 52.2 | 46.5 | 9.0 | 64.7 | 51.8 | 53.8 | 62.84 | 59.1 |
| Progeny Ag | P5226RYS | RR2Y/STS | 5.2 | 49.4 | 55.1 | 11.8 | 68.4 | 41.6 | 53.6 | | |
| USG | 75G24L | LL | 5.2 | 52.6 | 47.4 | 9.6 | 64.8 | 49.3 | 53.5 | | |
| USG | 75T40 | RR | 5.4 | 54.2 | 39.3 | 12.5 | 64.5 | 54.6 | 53.2 | | |
| Asgrow | AG5335 | RR2Y/STS | 5.3 | 54.2 | 60.3 | 16.5 | 55.0 | 41.9 | 52.9 | 56.84 | |
| Pioneer | P52T50R | RR | 5.2 | 49.1 | 41.2 | 13.5 | 66.4 | 53.6 | 52.6 | 61.34 | |
| CZ | 5242LL | LL | 5.2 | 53.8 | 47.5 | 18.1 | 56.1 | 52.4 | 52.5 | 57.66 | |
| Stine | 51RH00 | RR2Y | 5.1 | 47.3 | 54.9 | 12.7 | 59.0 | 45.8 | 51.8 | | |
| CZ | 5225LL | LL | 5.2 | 55.1 | 40.2 | 21.4 | 48.8 | 59.9 | 51.0 | | |
| University of Arkansas | R09-430 | CONV | 5.0 | 51.8 | 32.2 | 14.0 | 58.6 | 60.3 | 50.7 | | |
| Pioneer | P50T15BR | STS/RR | 5.0 | 52.5 | 50.6 | 12.8 | 47.6 | 51.8 | 50.6 | | |
| Virginia Tech | V12-0253R2 | RR2 | 5.3 | 53.2 | 39.9 | 12.2 | 51.4 | 57.4 | 50.5 | | |
| Progeny Ag | P5333RY | RR2Y | 5.3 | 51.5 | 31.3 | 13.1 | 62.2 | 53.6 | 49.7 | 62.42 | 55.6 |
| University of Arkansas | UA5213C | CONV | 5.2 | 53.1 | 36.4 | 15.1 | 48.0 | 58.0 | 48.9 | 66.74 | 54.9 |
| University of Arkansas | UA5014C | CONV | 5.0 | 50.7 | 37.1 | 7.7 | 56.3 | 50.7 | 48.7 | | |
| CZ | 5147LL | LL | 5.1 | 52.0 | 32.0 | 17.7 | 58.1 | 49.7 | 48.0 | | |
| UA | UA5414RR | RR | 5.4 | 51.7 | 46.5 | 14.8 | 41.0 | 48.9 | 47.0 | | |
| Progeny Ag | P5414LLS | LL, STS | 5.4 | 38.5 | 38.4 | 9.2 | 52.8 | 49.4 | 44.8 | | |
| Asgrow | AG5233 | RR2Y/STS | 5.2 | 42.9 | 37.8 | 11.3 | 52.0 | 43.5 | 44.1 | | |
| LSD P=.10 | | | | 9.2 | 8.7 | 5.1 | 9.3 | 6.3 | --- | --- | --- |
| CV | | | | 12.7 | 13.7 | 22.0 | 11.3 | 8.7 | --- | --- | --- |
| Grand Mean | | | | 53.4 | 46.4 | 13.61 | 60.1 | 53.1 | 53.2 | 46.3 | 47.4 |
| *PTR data is not included in AVG due to yield yields and high variability | | | | | | | | | | | |

Table 1e. Yield summaries of Full-Season late maturity group V entries.

| Brand | Variety | Herb Resist | Relative Maturity | | | | | | | | 2-Year | 3-Year |
|------------------------|------------|-------------|-------------------|------|------|------|------|------|------|------|--------|--------|
| | | | | BLK | ORG | PTR | SUF | WAR | AVG | Avg. | Avg. | |
| Virginia Tech | V10-0262 | Conv | 5.8 | 65.1 | 43.4 | 27.2 | 68.3 | 59.4 | 52.7 | 57.2 | | |
| Hubner Seed | H58-12 | RR2Y | 5.8 | 65.1 | 33.0 | 24.9 | 74.6 | 64.7 | 52.5 | 56.3 | 56.4 | |
| Pioneer | P56T29R2 | RR2Y | 5.6 | 65.0 | 40.9 | 22.9 | 74.4 | 57.2 | 52.1 | | | |
| Southern States | SS5615NR2 | RR2Y | 5.6 | 59.9 | 33.3 | 25.6 | 77.7 | 57.6 | 50.8 | | | |
| Southern Harvest | SH5912LL | LL | 5.9 | 63.2 | 45.1 | 33.1 | 56.0 | 53.6 | 50.2 | | | |
| Hubner Seed | H56-16 | RR2Y | 5.6 | 59.9 | 33.1 | 25.3 | 74.8 | 57.7 | 50.2 | | | |
| Southern States | SS5511NR2 | RR2Y | 5.5 | 54.7 | 32.2 | 23.8 | 80.8 | 59.3 | 50.2 | 54.4 | 55.7 | |
| Mycogen Seeds | 5N550R2 | RR2Y | 5.5 | 57.1 | 40.1 | 24.3 | 71.7 | 54.2 | 49.5 | | | |
| Progeny Ag | P5752RY | RR2Y | 5.7 | 51.7 | 38.1 | 26.1 | 77.5 | 53.5 | 49.4 | | | |
| USG | 76G15L | LL | 6.1 | 60.4 | 36.8 | 27.2 | 70.0 | 50.7 | 49.0 | | | |
| Progeny Ag | P5555RY | RR2Y | 5.5 | 50.2 | 34.9 | 28.8 | 75.5 | 53.5 | 48.6 | 54.8 | 56.5 | |
| Terral Seed | REV56R63 | RR | 5.6 | 58.6 | 39.6 | 25.6 | 59.5 | 58.7 | 48.4 | | | |
| USG | 75B75R | RR2Y | 5.7 | 58.4 | 35.1 | 20.8 | 75.7 | 51.2 | 48.2 | | | |
| Asgrow | AG5533 | RR2Y/STS | 5.5 | 55.1 | 33.5 | 22.6 | 73.4 | 52.9 | 47.5 | | | |
| Dyna-Gro | 32RY55 | RR2Y | 5.5 | 54.0 | 31.8 | 25.0 | 65.3 | 58.5 | 46.9 | 53.5 | | |
| Progeny Ag | P5610RY | RR2Y | 5.6 | 47.6 | 34.1 | 27.5 | 66.1 | 59.0 | 46.9 | 54.0 | 55.9 | |
| USG | 75J90R | RR2Y | 5.9 | 54.0 | 31.8 | 20.6 | 71.8 | 54.7 | 46.6 | 53.2 | | |
| CZ | 5727LL | LL | 5.7 | 50.4 | 33.5 | 25.8 | 69.2 | 53.1 | 46.4 | | | |
| Progeny Ag | P6355LL | LL | 6.3 | 50.0 | 33.2 | 27.7 | 67.6 | 52.8 | 46.3 | | | |
| Stine | 61RF00 | RR2Y | 6.1 | 56.3 | 32.6 | 26.9 | 62.7 | 52.6 | 46.2 | | | |
| Southern States | SS5711R2 | RR2Y | 5.7 | 48.6 | 36.3 | 22.3 | 71.0 | 52.2 | 46.1 | 52.3 | 54.5 | |
| USG | 75Q52R | RR2Y | 5.5 | 58.4 | 36.0 | 21.1 | 61.2 | 53.5 | 46.0 | 52.6 | | |
| Terral Seed | REV57R21 | RR | 5.7 | 55.5 | 31.9 | 26.5 | 67.3 | 48.4 | 45.9 | | | |
| University of Arkansas | UA5612 | Conv | 5.6 | 54.1 | 32.4 | 30.4 | 63.2 | 48.6 | 45.7 | 52.5 | 55.5 | |
| Southern States | SS5513NR2 | RR2Y | 5.5 | 52.1 | 31.2 | 23.8 | 69.7 | 51.6 | 45.7 | 51.2 | 54.1 | |
| University of Arkansas | Osage | Conv | 5.6 | 64.2 | 34.1 | 26.8 | 50.6 | 51.9 | 45.5 | | | |
| Doebler's | RPMD5710RR | RR | 5.7 | 51.0 | 30.4 | 26.7 | 66.7 | 51.5 | 45.3 | | | |
| Progeny Ag | P6710RY | RR2Y | 6.7 | 47.1 | 28.8 | 27.7 | 66.9 | 54.3 | 45.0 | | | |
| Southern Harvest | SH5515LL | LL | 5.5 | 57.5 | 33.7 | 24.8 | 57.5 | 50.2 | 44.7 | 51.5 | | |
| Southern States | SS5911NR2 | RR2Y | 5.9 | 58.3 | 31.3 | 26.5 | 48.6 | 57.9 | 44.5 | 51.2 | 52.6 | |
| Progeny Ag | P5960LL | LL | 5.9 | 47.9 | 41.1 | 22.7 | 62.3 | 45.5 | 43.9 | 50.5 | 53.6 | |
| Terral Seed | REV55R53 | RR | 5.5 | 50.3 | 34.5 | 25.7 | 58.1 | 47.2 | 43.2 | | | |
| PUBLIC | GLENN | CONV | 5.1 | 52.1 | 34.3 | 18.3 | 56.2 | 53.7 | 42.9 | 47.8 | | |
| Stine | 58LC23 | LL | 5.8 | 50.1 | 34.4 | 19.7 | 55.3 | 51.0 | 42.1 | | | |
| Southern Harvest | SH5915LL | LL | 5.9 | 47.6 | 27.2 | 24.1 | 60.8 | 50.1 | 42.0 | | | |
| USDA-ARS | JTN-5110 | Conv | 5.5 | 48.4 | 28.5 | 23.7 | 57.0 | 45.1 | 40.5 | 48.1 | 50.8 | |
| USG | 75G95LS | LL/STS | 5.9 | 42.3 | 24.0 | 24.5 | 58.4 | 46.1 | 39.1 | | | |
| Montague | MFS-56P5 | Conv | 5.6 | 48.9 | 35.2 | 21.6 | 42.5 | 46.2 | 38.9 | 46.0 | | |
| Montague | MFS-561 | Conv | 5.6 | 41.5 | 29.1 | 24.8 | 50.2 | 39.9 | 37.1 | 44.3 | 45.0 | |
| Virginia Tech | V08-1924 | Conv | 5.8 | 43.7 | 21.6 | 20.9 | 45.8 | 39.0 | 34.2 | | | |
| Progeny Ag | P6215RY | RR2Y | 6.2 | 29.6 | 19.1 | 27.4 | 55.8 | 30.3 | 32.4 | | | |
| LSD P=.10 | | | | 9.8 | 8.6 | 6.2 | 10.3 | 8.4 | --- | --- | --- | |
| CV | | | | 13.5 | 18.8 | 18.3 | 11.8 | 11.9 | --- | --- | --- | |
| Grand Mean | | | | 53.3 | 33.4 | 24.9 | 64.3 | 51.9 | 50.8 | 57.8 | 64.8 | |

Table 1f. Yield summaries of Double-Crop early maturity group IV entries.

| Brand | Variety | Herb Resist | Relative Maturity | | | | | | | 2-Year | 3-Year |
|--|---------------|-------------|-------------------|------|------|------|------|------|------|--------|--------|
| | | | | BLK | ORG | PTR | SUF | WAR | AVG | Avg. | Avg. |
| Progeny Ag | P 4613RYS | RR2Y/STS | 4.6 | 14.8 | 58.2 | 37.6 | 48.7 | 54.6 | 49.8 | 52.5 | 53.7 |
| Dyna-Gro | 31RY45 | RR2Y | 4.5 | 12.1 | 55.8 | 37.5 | 46.1 | 55.8 | 48.8 | 53.1 | 55.4 |
| Mid-Atlantic | MA4315RR2/STS | RR2/STS | 4.3 | 11.2 | 63.0 | 33.7 | 45.6 | 52.1 | 48.6 | | |
| Asgrow | AG4633 | RR2Y | 4.6 | 14.2 | 59.6 | 34.1 | 43.7 | 51.5 | 47.2 | 50.2 | 51.0 |
| Mid-Atlantic | MA4614RR2/STS | RR2Y/STS | 4.6 | 14.9 | 50.0 | 39.4 | 45.2 | 53.9 | 47.1 | 52.0 | |
| USG | Ellis | CONV | 4.1 | 14.9 | 43.6 | 38.9 | 47.0 | 58.8 | 47.1 | | |
| Mid-Atlantic | MA4355RR2/STS | RR2Y/STS | 4.3 | 14.8 | 47.7 | 38.7 | 45.0 | 52.6 | 46.0 | 51.7 | |
| NK | S41-J6 | RR2Y | 4.1 | 12.7 | 53.5 | 36.3 | 41.5 | 50.7 | 45.5 | | |
| AXIS | 4516NR | RR2Y | 4.5 | 13.5 | 51.6 | 33.6 | 45.5 | 49.1 | 45.0 | | |
| CZ | 4590 RY | RR2Y | 4.5 | 14.0 | 48.6 | 34.6 | 42.6 | 50.1 | 44.0 | | |
| Hubner Seed | H45-16 | RR2Y | 4.5 | 11.3 | 51.7 | 32.7 | 41.3 | 48.7 | 43.6 | | |
| NK | S45 R7 | RR2Y/STS | 4.5 | 12.8 | 48.2 | 34.3 | 41.4 | 50.3 | 43.6 | | |
| Channel | 4508R2/SR | RR2Y/SR | 4.5 | 11.9 | 49.8 | 34.8 | 39.8 | 48.7 | 43.3 | 47.7 | |
| Pioneer | P46T21R | RR | 4.6 | 10.6 | 43.7 | 33.6 | 41.7 | 52.5 | 42.9 | 49.7 | |
| Asgrow | AG4232 | RR2Y/STS | 4.2 | 11.8 | 43.0 | 36.3 | 40.6 | 50.9 | 42.7 | 49.2 | |
| Asgrow | AG4632 | RR2Y/STS | 4.6 | 15.3 | 39.4 | 34.8 | 43.7 | 51.8 | 42.4 | 48.9 | 50.7 |
| Asgrow | AG4336 | RR2Y | 4.3 | 12.8 | 51.1 | 31.9 | 41.0 | 43.6 | 41.9 | | |
| Asgrow | AG4135 | RR2Y/STS | 4.1 | 11.5 | 50.6 | 31.5 | 40.3 | 45.1 | 41.9 | | |
| Dyna-Gro | S42RY46 | RR2Y | 4.2 | 10.8 | 46.4 | 34.8 | 35.6 | 49.0 | 41.5 | | |
| HBK | LL4653 | LL | 4.6 | 13.2 | 48.3 | 32.4 | 37.3 | 45.0 | 40.8 | | |
| Virginia Tech | Md0708WN 120 | CONV | 4.3 | 9.7 | 48.8 | 31.5 | 35.5 | 41.5 | 39.3 | | |
| CZ | 4105 LL | LL | 4.1 | 12.8 | 50.4 | 29.8 | 34.5 | 36.1 | 37.7 | | |
| LSD P=.10 | | | | 4.3 | 9.3 | 5.3 | 6.3 | 8.9 | --- | --- | --- |
| CV | | | | 24.4 | 13.5 | 11.1 | 11.0 | 13.0 | --- | --- | --- |
| Grand Mean | | | | 12.8 | 50.1 | 34.7 | 42.0 | 49.7 | 44.1 | 51.1 | 56.1 |
| *BLK data is not included in AVG due low yields and high variability | | | | | | | | | | | |

Table 1g. Yield summaries of Double-Crop late maturity group IV entries.

| Brand | Variety | Herb Resist | Relative Maturity | Yield (BLK, ORG, PTR, SUF, WAR, AVG) | | | | | | 2-Year | 3-Year |
|--|---------------|-------------|-------------------|--------------------------------------|------|------|------|------|------|--------|--------|
| | | | | BLK | ORG | PTR | SUF | WAR | AVG | Avg. | Avg. |
| Dyna-Gro | S48RS53 | RR2Y/STS | 4.8 | 15.5 | 43.2 | 43.3 | 55.1 | 68.8 | 52.6 | | |
| Southern States | SS4915NSR2 | RR2Y/STS | 4.9 | 25.0 | 44.7 | 41.6 | 57.7 | 61.7 | 51.4 | | |
| USG | 74K95RS | RR2Y/STS | 4.9 | 22.3 | 40.8 | 44.6 | 52.6 | 64.8 | 50.7 | | |
| Asgrow | AG4934 | RR2Y/STS | 4.9 | 20.4 | 44.4 | 37.9 | 56.0 | 61.2 | 49.9 | 56.5 | 60.7 |
| HBK | LL4950 | LL | 4.9 | 23.9 | 41.7 | 40.9 | 54.6 | 61.2 | 49.6 | 58.2 | 61.2 |
| Progeny Ag | P4850RYS | RR2Y/STS | 4.8 | 22.3 | 38.8 | 36.7 | 57.2 | 65.6 | 49.6 | 55.6 | 59.9 |
| USG | Ellis | CONV | 4.9 | 17.8 | 41.9 | 38.4 | 53.4 | 64.5 | 49.6 | 57.3 | |
| AXIS | 4716NRS | RR2Y/STS | 4.7 | 22.5 | 43.6 | 41.2 | 50.9 | 62.4 | 49.5 | | |
| Dyna-Gro | S49RY25 | RR2Y | 4.9 | 19.0 | 39.2 | 41.4 | 53.8 | 62.9 | 49.3 | | |
| Southern Harvest | SH4913LL | LL | 4.9 | 21.1 | 39.3 | 39.6 | 58.8 | 58.9 | 49.2 | 57.9 | 61.1 |
| AXIS | 4916NR | RR2Y/STS | 4.9 | 19.5 | 40.9 | 37.1 | 55.6 | 61.2 | 48.7 | | |
| CZ | 4748 LL | LL | 4.7 | 18.9 | 41.7 | 43.5 | 53.0 | 56.2 | 48.6 | | |
| Asgrow | AG4835 | RR2Y/STS | 4.8 | 17.9 | 40.4 | 41.1 | 51.7 | 60.3 | 48.4 | 57.7 | |
| Terral Seed | REV49R94 | RR | 4.9 | 18.2 | 39.1 | 40.9 | 51.0 | 61.6 | 48.2 | | |
| USG | 74A74RS | RR2Y/STS | 4.7 | 15.5 | 42.2 | 41.5 | 49.1 | 58.3 | 47.8 | | |
| Southern States | SS4714NSR2 | RR2Y/STS | 4.7 | 17.3 | 39.0 | 39.6 | 53.3 | 59.2 | 47.8 | 56.9 | |
| Southern States | SS4725NSR2 | RR2Y/STS | 4.7 | 18.5 | 40.6 | 39.2 | 51.7 | 58.4 | 47.5 | 53.9 | |
| Channel | 4806R2/STS | RR2Y/STS | 4.8 | 16.8 | 41.2 | 37.1 | 50.4 | 60.3 | 47.3 | 56.6 | 60.0 |
| Progeny Ag | P4757RY | RR2Y | 4.7 | 11.4 | 39.3 | 39.8 | 51.4 | 58.4 | 47.2 | | |
| USG | 74B83RS | RR2Y/STS | 4.8 | 15.2 | 39.0 | 37.8 | 49.8 | 60.5 | 46.8 | 55.4 | 56.6 |
| Progeny Ag | P4788RY | RR2Y | 4.7 | 14.4 | 42.7 | 34.9 | 50.9 | 58.5 | 46.8 | 52.5 | |
| Mid-Atlantic | MA4722RR2/STS | RR2Y/STS | 4.7 | 14.8 | 38.1 | 38.1 | 55.0 | 55.4 | 46.7 | 53.0 | |
| USG | 74D95RS | RR2Y/STS | 4.9 | 16.6 | 40.9 | 31.9 | 49.7 | 63.4 | 46.5 | | |
| NK | S48-P4 | RR2Y/STS | 4.8 | 22.1 | 38.1 | 38.9 | 46.0 | 62.8 | 46.5 | | |
| Virginia Tech | V09-0610 | STS | 4.7 | 14.1 | 34.9 | 39.4 | 53.6 | 57.2 | 46.3 | 51.0 | |
| Pioneer | P49T80R | RR | 4.9 | 18.4 | 41.7 | 39.7 | 46.5 | 56.1 | 46.0 | 55.6 | 59.4 |
| Hubner Seed | H45-16 | RR2Y | 4.5 | 11.7 | 43.7 | 38.1 | 46.4 | 54.2 | 45.6 | | |
| CZ | 4959RY | RR2Y | 4.9 | 18.7 | 35.6 | 40.9 | 48.2 | 55.9 | 45.2 | | |
| Southern States | SS4917NR2 | RR2Y | 4.9 | 16.3 | 40.0 | 40.6 | 41.9 | 54.6 | 44.3 | 51.8 | 55.6 |
| Pioneer | P48T53R | RR | 4.8 | 15.4 | 39.7 | 37.7 | 42.3 | 55.7 | 43.9 | 51.7 | |
| Progeny Ag | P4900RY | RR2Y | 4.9 | 12.8 | 33.5 | 39.4 | 47.0 | 54.7 | 43.7 | 48.6 | 53.6 |
| Terral Seed | REV47R34 | RR | 4.7 | 16.2 | 37.3 | 34.1 | 45.6 | 56.7 | 43.4 | | |
| Virginia Tech | V11-2149 | CONV | 4.7 | 13.6 | 29.6 | 37.1 | 49.0 | 54.1 | 42.5 | 51.8 | |
| Doebler's | RPMDDB4715RR | RR | 4.7 | 12.3 | 37.7 | 35.9 | 43.6 | 52.1 | 42.3 | 50.8 | |
| Virginia Tech | V11-2263 | CONV | 4.7 | 7.5 | 33.3 | 34.4 | 39.9 | 48.1 | 38.9 | | |
| HBK | LL4653 | LL | 4.9 | 10.1 | 31.8 | 33.4 | 38.0 | 48.3 | 37.9 | | |
| HBK | LL4953 | LL | 4.9 | 17.3 | 34.0 | 36.5 | 49.4 | 30.2 | 37.5 | 51.4 | |
| LSD P=.10 | | | | 5.5 | 4.3 | 5.6 | 5.7 | 6.1 | --- | --- | --- |
| CV | | | | 23.7 | 8.1 | 10.7 | 8.3 | 7.7 | --- | --- | --- |
| Grand Mean | | | | 17.1 | 39.3 | 38.8 | 50.3 | 58.0 | 46.6 | 53.6 | 59.6 |
| *BLK data is not included in AVG due to high variability | | | | | | | | | | | |

Table 1h. Yield summaries of Double-Crop early maturity group V entries.

| Brand | Variety | Herb Resist | Relative Maturity | | | | | | | 2-Year | 3-Year |
|---|------------|-------------|-------------------|------|------|------|------|------|------|--------|--------|
| | | | | BLK | PTR | SUF | WAR | AVG | Avg. | Avg. | |
| Southern Harvest | SH5215LL | LL | 5.2 | 28.7 | 34.4 | 55.6 | 65.0 | 51.7 | 60.3 | | |
| Dyna-Gro | S52RY75 | RR2Y | 5.2 | 22.7 | 38.1 | 54.5 | 62.1 | 51.6 | 57.1 | | |
| Southern States | SS5215NSR2 | RR2Y/STS | 5.2 | 16.8 | 42.1 | 57.5 | 55.1 | 51.6 | | | |
| CZ | 5150LL | LL | 5.1 | 23.3 | 35.2 | 52.4 | 64.9 | 50.8 | 59.1 | | |
| Progeny Ag | P5226RYS | RR2Y/STS | 5.2 | 24.2 | 32.9 | 55.6 | 64.0 | 50.8 | | | |
| USG | 75T40 | RR | 5.4 | 25.4 | 42.0 | 48.1 | 61.2 | 50.4 | | | |
| Virginia Tech | V12-0045R2 | RR2 | 5.3 | 16.5 | 36.8 | 50.9 | 63.6 | 50.4 | | | |
| USG | 75J45R | RR2Y | 5.4 | 22.0 | 38.7 | 50.8 | 61.6 | 50.4 | | | |
| Virginia Tech | V11-0730 | CONV | 5.3 | 24.5 | 36.4 | 50 | 63.8 | 50.1 | 56.8 | | |
| Doebler's | RPMD5416R | RR | 5.4 | 19.5 | 36.1 | 55.2 | 55.8 | 49.0 | | | |
| Virginia Tech | V10-1687 | CONV | 5.3 | 20.5 | 38.1 | 47.3 | 61.1 | 48.8 | 57.7 | | |
| CZ | 5242LL | LL | 5.2 | 25.6 | 32.7 | 50.6 | 62.8 | 48.7 | 56.0 | | |
| Asgrow | AG5335 | RR2Y/STS | 5.3 | 21.8 | 35.5 | 54.1 | 56.3 | 48.6 | 55.9 | | |
| Channel | 5307R2 | RR2Y | 5.3 | 18.0 | 35.3 | 49.2 | 59.9 | 48.1 | 56.5 | 58.6 | |
| Progeny Ag | P5213RY | RR2Y | 5.2 | 22.3 | 41.4 | 44.9 | 56.1 | 47.5 | 55.4 | 57.3 | |
| Progeny Ag | P5333RY | RR2Y | 5.3 | 17.4 | 43.1 | 44.2 | 54.7 | 47.3 | 54.7 | 55.4 | |
| Pioneer | P53T73SR | RR/STS | 5.3 | 16.7 | 35.6 | 49.5 | 56.7 | 47.3 | 55.5 | | |
| Southern States | SS5213NR2 | RR2Y | 5.2 | 21.5 | 38.5 | 48.8 | 54.3 | 47.2 | 56.7 | 58.4 | |
| Progeny Ag | P5460LL | LL | 5.4 | 23.6 | 38.6 | 54.4 | 48.2 | 47.1 | 55.2 | 57.2 | |
| Pioneer | P52T50R | RR | 5.2 | 23.3 | 36.5 | 46.1 | 57.4 | 46.7 | | | |
| Virginia Tech | V12-0253R2 | RR2 | 5.3 | 15.3 | 36.7 | 45.3 | 56.9 | 46.3 | | | |
| Mycogen Seeds | 5N522R2 | RR2Y | 5.2 | 20.6 | 32.4 | 50.3 | 55.6 | 46.1 | | | |
| Virginia Tech | Md99-6626 | CONV | 5.3 | 16.4 | 37.6 | 45.9 | 54.1 | 45.9 | | | |
| Terral Seed | REV51A56 | RR | 5.1 | 18.2 | 43.5 | 41.9 | 49.5 | 45.0 | | | |
| Asgrow | AG5233 | RR2Y/STS | 5.2 | 16.9 | 31.2 | 49.9 | 53.0 | 44.7 | | | |
| Progeny Ag | P5414LLS | LL, STS | 5.4 | 22.3 | 37.7 | 44.5 | 51.4 | 44.5 | | | |
| PUBLIC | GLENN | CONV | 5.1 | 20.7 | 28.3 | 47.2 | 57.8 | 44.4 | 52.7 | | |
| UA | UA5414RR | RR | 5.4 | 18.7 | 43.0 | 45.2 | 44.4 | 44.2 | | | |
| Pioneer | P50T15BR | STS/RR | 5 | 21.1 | 28.9 | 43.9 | 57.8 | 43.5 | | | |
| CZ | 5445LL | LL | 5.4 | 14.1 | 38.9 | 36.5 | 39.5 | 38.3 | | | |
| CZ | 5225LL | LL | 5.2 | 19.5 | 34.8 | 41.3 | 32.1 | 36.1 | | | |
| LSD P=.10 | | | | 5.3 | 4.9 | 5.5 | 7.6 | --- | --- | --- | |
| CV | | | | 18.8 | 9.8 | 8.3 | 9.9 | --- | --- | --- | |
| Grand Mean | | | | 20.6 | 36.8 | 48.8 | 56.0 | 47.2 | 50.3 | 50.4 | |
| *BLK data is not included in AVG due to low yields and high variability | | | | | | | | | | | |

Table 1i. Yield summaries of Double-Crop late maturity group V entries.

| Brand | Variety | Herb Resist | Relative Maturity | | | | | | 2-Year | 3-Year |
|--|-----------|-------------|-------------------|------|------|-------|------|------|--------|--------|
| | | | | BLK | PTR | SUF | WAR | AVG | Avg. | Avg. |
| Virginia Tech | V10-0262 | Conv | 5.8 | 25.3 | 42.1 | 52.9 | 61.5 | 52.2 | 57.6 | |
| Mycogen Seeds | 5N550R2 | RR2Y | 5.5 | 18.6 | 39.9 | 51.3 | 59.4 | 50.2 | | |
| Dyna-Gro | S56RY84 | RR2Y | 5.6 | 19.7 | 40.6 | 50.8 | 58.0 | 49.8 | 55.7 | 58.4 |
| USDA-ARS | JTN-5110 | Conv | 5.5 | 21.7 | 37.0 | 51.7 | 57.1 | 48.6 | 55.4 | 55.9 |
| Southern Harvest | SH5515LL | LL | 5.5 | 32.9 | 36.0 | 51.1 | 58.2 | 48.4 | 58.4 | |
| Progeny Ag | P5610RY | RR2Y | 5.6 | 21.3 | 36.4 | 49.7 | 58.9 | 48.3 | 56.6 | 57.0 |
| Pioneer | P56T29R2 | RR2Y | 5.6 | 21.7 | 33.4 | 54.6 | 56.6 | 48.2 | | |
| Progeny Ag | P5555RY | RR2Y | 5.5 | 24.9 | 37.1 | 52.1 | 54.3 | 47.8 | 54.9 | 57.9 |
| Asgrow | AG5533 | RR2Y/STS | 5.5 | 19.9 | 36.4 | 49.6 | 57.3 | 47.8 | | |
| Pioneer | P53T73SR | RR/STS | 5.3 | 14.5 | 37.2 | 45.7 | 59.7 | 47.5 | | |
| Terral Seed | REV55R53 | RR | 5.5 | 31.5 | 30.8 | 53.6 | 57.4 | 47.3 | | |
| Southern States | SS5615NR2 | RR2Y | 5.6 | 23.9 | 38.9 | 46.9 | 54.7 | 46.8 | | |
| Southern States | SS5513NR2 | RR2Y | 5.5 | 22.2 | 33.8 | 46.5 | 59.7 | 46.7 | 55.3 | 56.7 |
| Progeny Ag | P5960LL | LL | 5.9 | 20.1 | 37.1 | 44.6 | 56.5 | 46.1 | 52.8 | 53.3 |
| Dyna-Gro | 32RY55 | RR2Y | 5.5 | 31.1 | 38.1 | 46 | 53.7 | 45.9 | 52.0 | 54.2 |
| Progeny Ag | P5752RY | RR2Y | 5.7 | 17.7 | 37.5 | 45.4 | 54.5 | 45.8 | | |
| PUBLIC | GLENN | Conv | 5.6 | 28.7 | 38.2 | 44.8 | 54.3 | 45.8 | 52.7 | |
| Southern Harvest | SH5912LL | LL | 5.9 | 24.8 | 33.3 | 46.6 | 57.3 | 45.7 | 53.8 | 54.8 |
| Southern States | SS5511NR2 | RR2Y | 5.5 | 30.3 | 36.4 | 48.8 | 52.0 | 45.7 | 54.6 | 56.6 |
| Southern Harvest | SH6215 LL | LL | 6.2 | 24.8 | 36.4 | 52.2 | 48.4 | 45.7 | | |
| Terral Seed | REV57R21 | RR | 5.7 | 13.8 | 33.4 | 51.4 | 51.5 | 45.4 | | |
| Terral Seed | REV56R63 | RR | 5.6 | 23.4 | 34.7 | 48.7 | 51.1 | 44.8 | | |
| Southern Harvest | SH5915LL | LL | 5.9 | 24.3 | 35.3 | 48 | 50.1 | 44.5 | | |
| Montague | MFS-561 | Conv | 5.6 | 20.0 | 37.3 | 41.2 | 48.3 | 42.3 | 49.0 | 48.4 |
| Virginia Tech | V08-1924 | Conv | 5.8 | 18.4 | 36.7 | 38.6 | 48.2 | 41.2 | | |
| Montague | MFS-56P5 | Conv | 5.6 | 24.6 | 32.8 | 42.5 | 47.6 | 41.0 | | |
| LSD P=.10 | | | | 8.8 | 5.8 | 5.7 | 6.1 | --- | --- | --- |
| CV | | | | 27.9 | 11.7 | 8.6 | 8.2 | --- | --- | --- |
| Grand Mean | | | | 23.1 | 36.4 | 48.28 | 54.9 | 45.6 | 51.6 | 57.6 |
| *BLK data is not included in AVG due to high variability | | | | | | | | | | |

Table 2a. Performance of Full-Season Maturity Group III Entries at Orange, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | |
|-----------------|---------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | Yield (Bu/A) |
| Pioneer | P39T67R | RR | 3.9 | 9-Sep | 3.2 | 39 | 0 | 2.5 | 3433 | 66.5 |
| Terral Seed | REV39A35 | RR | 3.9 | 9-Sep | 3.2 | 45 | 1 | 2.7 | 3091 | 64.8 |
| Southern States | SS3914NSR2 | RR2Y/STS | 3.9 | 9-Sep | 2.3 | 42 | 0 | 2.3 | 3440 | 63.9 |
| Terral Seed | REV38R10 | RR | 3.8 | 9-Sep | 3.7 | 46 | 1 | 3.0 | 2985 | 63.7 |
| CZ | 3945LL | LL | 3.9 | 9-Sep | 3.0 | 41 | 0 | 2.3 | 3167 | 63.0 |
| CZ | 3991RY | RR2Y | 3.9 | 9-Sep | 2.0 | 38 | 0 | 2.0 | 3347 | 62.0 |
| USG | 73P93R | RR2Y | 3.9 | 18-Sep | 2.2 | 41 | 1 | 2.3 | 3319 | 57.2 |
| Doebler's | RPMDDB3516R | RR | 3.5 | 9-Sep | 2.3 | 37 | 1 | 3.3 | 2997 | 56.5 |
| Doebler's | RPMDDB3815RR | RR | 3.8 | 9-Sep | 4.2 | 42 | 1 | 2.7 | 3142 | 55.6 |
| Mid-Atlantic | MAS3516nRR2 | RR2Y | 3.5 | 9-Sep | 3.5 | 40 | 1 | 3.0 | 3343 | 55.2 |
| NK | S39-C4 | RR2Y | 3.9 | 9-Sep | 2.7 | 44 | 0 | 2.7 | 3608 | 54.9 |
| Mid-Atlantic | MA3815RR2 | RR2Y | 3.8 | 9-Sep | 2.2 | 42 | 1 | 3.0 | 3223 | 54.6 |
| CZ | 3737LL | LL | 3.7 | 9-Sep | 4.3 | 41 | 1 | 3.0 | 3142 | 53.8 |
| CZ | 3841LL | LL | 3.8 | 9-Sep | 4.2 | 43 | 1 | 2.3 | 3103 | 53.7 |
| Southern States | SS3813NR2 | RR2Y | 3.8 | 9-Sep | 3.8 | 37 | 0 | 2.0 | 3544 | 52.6 |
| CZ | 3560RY | RR2Y | 3.5 | 9-Sep | 4.0 | 42 | 0 | 3.0 | 3419 | 51.1 |
| Mid-Atlantic | MA3415RR2 | RR2Y | 3.4 | 9-Sep | 4.2 | 42 | 0 | 2.3 | 3494 | 50.1 |
| Mid-Atlantic | MA3889RR2/STS | RR2/STS | 3.8 | 9-Sep | 3.3 | 43 | 0 | 2.7 | 3517 | 48.9 |
| LSD P=.10 | | | | 0 | 0.9 | 3 | 1 | 0.7 | 235 | 8.5 |
| CV | | | | 0 | 19.1 | 5 | 177 | 19.9 | 5 | 10.7 |
| Grand Mean | | | | 9-Sep | 3.2 | 41 | 0 | 2.6 | 3295 | 57.1 |

Table 2b. Performance of Full-Season Maturity Group III Entries at Painter, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | |
|-----------------|---------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | Yield (Bu/A) |
| CZ | 3991RY | RR2Y | 3.9 | | 1 | 26 | 5 | 2.7 | 3794 | 27.9 |
| USG | 73P93R | RR2Y | 3.9 | | 1 | 28 | 5 | 3.0 | 3281 | 27.8 |
| Mid-Atlantic | MA3415RR2 | RR2Y | 3.4 | | 1 | 26 | 3 | 3.0 | 3726 | 27.3 |
| Terral Seed | REV39A35 | RR | 3.9 | | 1 | 28 | 5 | 3.0 | 3651 | 26.9 |
| CZ | 3560RY | RR2Y | 3.5 | | 1 | 25.7 | 1.3 | 2.3 | 3324 | 26.4 |
| CZ | 3945LL | LL | 3.9 | | 1 | 24 | 6 | 3.3 | 3495 | 26.3 |
| Mid-Atlantic | MA3815RR2 | RR2Y | 3.8 | | 1 | 24 | 3 | 3.0 | 3569 | 25.5 |
| Doebler's | RPMD3516R | RR | 3.5 | | 1 | 27 | 6 | 3.7 | 3456 | 25.3 |
| Terral Seed | REV38R10 | RR | 3.8 | | 1 | 28 | 3 | 3.0 | 3685 | 25.1 |
| Mid-Atlantic | MAS3516nRR2 | RR2Y | 3.5 | | 1 | 25 | 1 | 3.0 | 3722 | 24.8 |
| CZ | 3841LL | LL | 3.8 | | 1 | 26.3 | 7.7 | 3.3 | 3643 | 24.5 |
| Pioneer | P39T67R | RR | 3.9 | | 1 | 26 | 11 | 3.3 | 3495 | 24.4 |
| Doebler's | RPMD3815RR | RR | 3.8 | | 1 | 26 | 2 | 2.7 | 3800 | 24.3 |
| CZ | 3737LL | LL | 3.7 | | 1 | 25.3 | 1.3 | 3 | 3882 | 24 |
| Southern States | SS3813NR2 | RR2Y | 3.8 | | 1 | 23 | 1 | 3.0 | 3986 | 23.2 |
| Mid-Atlantic | MA3889RR2/STS | RR2/STS | 3.8 | | 1 | 28 | 2 | 3.0 | 4332 | 23.0 |
| NK | S39-C4 | RR2Y | 3.9 | | 1 | 26 | 3 | 2.7 | 4041 | 22.8 |
| Southern States | SS3914NSR2 | RR2Y/STS | 3.9 | | 1 | 26 | 5 | 3.0 | 3885 | 22.8 |
| LSD P=.10 | | | | | 0 | 4 | 5 | 0.5 | 409 | 3.8 |
| CV | | | | | 0 | 10 | 99 | 12.8 | 7.99 | 11.0 |
| Grand Mean | | | | | 1 | 26 | 4 | 3.0 | 3709.2 | 25.1 |

Table 2c. Performance of Full-Season Maturity Group III Entries at Warsaw, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | |
|-----------------|---------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | Yield (Bu/A) |
| USG | 73P93R | RR2Y | 3.9 | 19-Sep | 1.3 | 42 | 2 | 2.0 | 3023 | 78.6 |
| Terral Seed | REV39A35 | RR | 3.9 | 16-Sep | 1.7 | 46 | 1.3 | 1.7 | 2942 | 75.9 |
| CZ | 3991RY | RR2Y | 3.9 | 16-Sep | 1.4 | 42 | 1 | 1.3 | 3190 | 74.8 |
| Mid-Atlantic | MA3415RR2 | RR2Y | 3.4 | 15-Sep | 1.7 | 41 | 0 | 2.3 | 3301 | 74.8 |
| Doebler's | RPMDDB3815RR | RR | 3.8 | 16-Sep | 1.8 | 41 | 0 | 2.0 | 3293 | 73.5 |
| CZ | 3560RY | RR2Y | 3.5 | 12-Sep | 1.3 | 40 | 1 | 2.0 | 3178 | 72.6 |
| Mid-Atlantic | MA3815RR2 | RR2Y | 3.8 | 20-Sep | 1.2 | 41 | 2 | 2.0 | 3137 | 71.9 |
| CZ | 3945LL | LL | 3.9 | 18-Sep | 1.4 | 41 | 1 | 2.0 | 2975 | 71.7 |
| Mid-Atlantic | MA3889RR2/STS | RR2/STS | 3.8 | 13-Sep | 1.6 | 41 | 0 | 2.0 | 3285 | 71.1 |
| Terral Seed | REV38R10 | RR | 3.8 | 14-Sep | 1.8 | 45 | 1 | 2.0 | 2994 | 69.5 |
| Southern States | SS3813NR2 | RR2Y | 3.8 | 15-Sep | 1.4 | 37 | 0 | 1.7 | 3291 | 69.2 |
| Southern States | SS3914NSR2 | RR2Y/STS | 3.9 | 15-Sep | 1.4 | 38 | 0 | 1.7 | 3229 | 69.2 |
| CZ | 3841LL | LL | 3.8 | 15-Sep | 1.7 | 39 | 0.7 | 1.3 | 2991 | 66.5 |
| CZ | 3737LL | LL | 3.7 | 11-Sep | 1.8 | 37 | 2 | 2.0 | 2780 | 66.2 |
| NK | S39-C4 | RR2Y | 3.9 | 13-Sep | 1.4 | 41 | 0 | 1.0 | 3398 | 65.9 |
| Mid-Atlantic | MAS3516nRR2 | RR2Y | 3.5 | 13-Sep | 1.3 | 37 | 0 | 1.0 | 3246 | 65.4 |
| Doebler's | RPMDDB3516R | RR | 3.5 | 15-Sep | 1.3 | 40 | 2 | 2.0 | 2887 | 65.0 |
| Pioneer | P39T67R | RR | 3.9 | 14-Sep | 1.3 | 37 | 0.3 | 1.3 | 3531 | 64.8 |
| LSD P=.10 | | | | 3.31 | 0.3 | 3 | 1 | 0.5 | 138 | 5.9 |
| CV | | | | 15.71 | 14.1 | 6 | 139 | 20.2 | 3 | 6.1 |
| Grand Mean | | | | 15-Sep | 1.5 | 40 | 1 | 1.7 | 3148 | 70.4 |

Table 3a. Performance of Full-Season Early Maturity Group IV Entries at Blackstone, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | |
|-----------------|---------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | Yield (Bu/A) |
| USG | Ellis | CONV | 4.9 | | 3.7 | 42 | 11 | 3.0 | 3732 | 64.7 |
| Channel | 4209R2 | RR2Y | 4.2 | | 3.5 | 50 | 2 | 4.0 | 3389 | 64.4 |
| Hubner Seed | H45-16 | RR2Y | 4.6 | | 3.2 | 46 | 3 | 4.3 | 3484 | 60.5 |
| Pioneer | P46T21R | RR | 4.6 | | 3.3 | 47 | 2 | 4.3 | 3554 | 55.3 |
| T.A. Seeds | TS4469R2S | RR2Y/STS | 4.4 | | 4.0 | 48 | 3 | 4.3 | 3696 | 54.8 |
| CZ | 4105LL | LL | 4.1 | | 2.8 | 45 | 1 | 4.0 | 3087 | 54.2 |
| Southern States | SS4414NR2 | RR2Y | 4.4 | | 4.7 | 46 | 1 | 4.7 | 4164 | 53.9 |
| Mid-Atlantic | MA4355RR2/STS | RR2Y/STS | 4.3 | | 4.5 | 48 | 1 | 4.3 | 3314 | 53.7 |
| T.A. Seeds | TS4669R2 | RR2Y | 4.6 | | 3.3 | 46 | 2 | 4.0 | 3473 | 52.5 |
| Channel | 4009R2 | RR2Y | 4.0 | | 2.7 | 46 | 2 | 4.0 | 3387 | 52.4 |
| NK | S45R7 | RR2Y/STS | 4.5 | | 3.2 | 47 | 2 | 4.3 | 3200 | 52.0 |
| Progeny Ag | P4613RYS | RR2Y/STS | 4.6 | | 3.7 | 48 | 3 | 4.3 | 3283 | 51.5 |
| NK | S41-J6 | RR2Y | 4.1 | | 3.2 | 49 | 2 | 5.0 | 3560 | 51.5 |
| Mid-Atlantic | MA4222nRR2 | RR2Y | 4.2 | | 3.8 | 50 | 2 | 4.0 | 3357 | 51.4 |
| Dyna-Gro | 39RY43 | RR2Y | 4.3 | | 3.3 | 47 | 1 | 4.3 | 3390 | 50.5 |
| Asgrow | AG4336 | RR2Y | 4.3 | | 3.5 | 46 | 1 | 4.3 | 3468 | 50.4 |
| Asgrow | AG4135 | RR2Y/STS | 4.1 | | 4.2 | 44 | 2 | 4.0 | 3381 | 49.6 |
| T.A. Seeds | TS4269R2S | RR2Y/STS | 4.2 | | 5.0 | 49 | 1 | 4.3 | 3086 | 49.3 |
| HBK | LL4653 | LL | 4.6 | | 4.7 | 45 | 1 | 5.0 | 3712 | 49.3 |
| Mid-Atlantic | MA4315RR2/STS | RR2/STS | 4.3 | | 2.8 | 46 | 2 | 4.0 | 3307 | 48.0 |
| Southern States | SS4215NSR2 | RR2Y/STS | 4.2 | | 2.7 | 47 | 2 | 4.0 | 3736 | 47.9 |
| Asgrow | AG4632 | RR2Y/STS | 4.6 | | 4.7 | 47 | 2 | 4.3 | 3216 | 47.4 |
| CZ | 4181RY | RR2Y | 4.1 | | 4.0 | 47 | 3 | 4.0 | 3271 | 47.3 |
| USG | 74F24RS | RR2Y/STS | 4.2 | | 3.5 | 45 | 2 | 4.3 | 3516 | 47.2 |
| CZ | 4590RY | RR2Y | 4.5 | | 3.7 | 49 | 2 | 4.0 | 3925 | 46.8 |
| Dyna-Gro | 31RY45 | RR2Y | 4.5 | | 5.0 | 51 | 5 | 4.3 | 3226 | 46.6 |
| CZ | 4540LL | LL | 4.5 | | 4.3 | 47 | 5 | 4.0 | 3394 | 46.5 |
| Southern States | SS4514NR2 | RR2Y | 4.5 | | 4.0 | 45 | 2 | 4.0 | 3737 | 45.7 |
| Asgrow | AG4633 | RR2Y | 4.6 | | 3.8 | 47 | 1 | 4.7 | 3468 | 45.3 |
| Channel | 4508R2/SR | RR2Y/SR | 4.5 | | 3.3 | 47 | 3 | 5.0 | 3308 | 44.8 |
| Asgrow | AG4232 | RR2Y/STS | 4.2 | | 3.2 | 47 | 1 | 3.7 | 3743 | 44.7 |
| Mid-Atlantic | MA4614RR2/STS | RR2/STS | 4.6 | | 4.3 | 50 | 2 | 3.7 | 3493 | 44.1 |
| Virginia Tech | Md0708WN120 | CONV | 4.3 | | 4.5 | 46 | 4 | 4.0 | 3467 | 43.8 |
| Dyna-Gro | S46RY85 | RR2Y | 4.6 | | 3.8 | 45 | 3 | 4.0 | 3768 | 42.6 |
| CZ | 4044LL | LL | 4.0 | | 4.8 | 45 | 3 | 4.7 | 3327 | 40.0 |
| AXIS | 4516NR | RR2Y | 4.5 | | 4.5 | 42 | 2 | 4.3 | 3926 | 33.9 |
| Dyna-Gro | S42RY46 | RR2Y | 4.2 | | 3.8 | 48 | 2 | 5.0 | 3513 | 31.7 |
| Channel | 4107R2 | RR2Y | 4.1 | | 4.8 | 46 | 1 | 4.3 | 3760 | 30.6 |
| CZ | 4222LL | LL | 4.2 | | 4.7 | 46 | 2 | 4.3 | 3334 | 29.5 |
| LSD P=.10 | | | | | 0.9 | 5 | 2 | 0.7 | 263 | 9.1 |
| CV | | | | | 17.0 | 7 | 71 | 12.2 | 6 | 14.0 |
| Grand Mean | | | | | 3.9 | 47 | 2 | 4.2 | 3491 | 48.1 |

Table 3b. Performance of Full-Season Early Maturity Group IV Entries at Orange, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | |
|-----------------|---------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | Yield (Bu/A) |
| CZ | 4590RY | RR2Y | 4.5 | 18-Sep | 2.3 | 52 | 1 | 2.7 | 3850 | 62.0 |
| Channel | 4508R2/SR | RR2Y/SR | 4.5 | 23-Sep | 3.5 | 51 | 1 | 2.7 | 3169 | 61.8 |
| Asgrow | AG4135 | RR2Y/STS | 4.1 | 9-Sep | 2.7 | 44 | 1 | 3.0 | 3210 | 60.9 |
| Hubner Seed | H45-16 | RR2Y | 4.6 | 18-Sep | 2.8 | 49 | 0 | 3.0 | 3616 | 60.2 |
| Channel | 4009R2 | RR2Y | 4.0 | 23-Sep | 3.2 | 43 | 1 | 3.0 | 3198 | 59.1 |
| USG | 74F24RS | RR2Y/STS | 4.2 | 23-Sep | 2.8 | 50 | 1 | 3.7 | 3177 | 59.0 |
| T.A. Seeds | TS4269R2S | RR2Y/STS | 4.2 | 9-Sep | 3.8 | 49 | 2 | 3.0 | 3137 | 59.0 |
| T.A. Seeds | TS4469R2S | RR2Y/STS | 4.4 | 23-Sep | 3.8 | 46 | 1 | 3.0 | 3718 | 57.3 |
| Progeny Ag | P4613RYS | RR2Y/STS | 4.6 | 18-Sep | 3.7 | 51 | 1 | 3.0 | 3390 | 57.1 |
| Pioneer | P46T21R | RR | 4.6 | 23-Sep | 3.0 | 47 | 1 | 3.0 | 3656 | 56.8 |
| Dyna-Gro | 39RY43 | RR2Y | 4.3 | 18-Sep | 3.5 | 45 | 1 | 2.3 | 3151 | 56.6 |
| CZ | 4181RY | RR2Y | 4.1 | 23-Sep | 3.7 | 49 | 1 | 3.0 | 2989 | 56.4 |
| CZ | 4105LL | LL | 4.1 | 23-Sep | 2.8 | 45 | 0 | 3.0 | 2942 | 56.2 |
| Mid-Atlantic | MA4222nRR2 | RR2Y | 4.2 | 18-Sep | 2.5 | 47 | 0 | 3.0 | 3343 | 54.6 |
| T.A. Seeds | TS4669R2 | RR2Y | 4.6 | 18-Sep | 2.5 | 50 | 1 | 3.0 | 3335 | 54.5 |
| Southern States | SS4414NR2 | RR2Y | 4.4 | 23-Sep | 2.3 | 49 | 1 | 3.0 | 4153 | 54.2 |
| Mid-Atlantic | MA4315RR2/STS | RR2/STS | 4.3 | 23-Sep | 3.5 | 45 | 1 | 2.7 | 3553 | 54.1 |
| Mid-Atlantic | MA4355RR2/STS | RR2Y/STS | 4.3 | 18-Sep | 3.0 | 47 | 1 | 3.0 | 3436 | 54.0 |
| Channel | 4209R2 | RR2Y | 4.2 | 12-Sep | 3.3 | 50 | 0 | 3.0 | 3395 | 53.4 |
| CZ | 4044LL | LL | 4.0 | 23-Sep | 3.8 | 42 | 0 | 2.7 | 3213 | 53.4 |
| Mid-Atlantic | MA4614RR2/STS | RR2/STS | 4.6 | 26-Sep | 2.3 | 47 | 1 | 3.0 | 3433 | 52.1 |
| Southern States | SS4215NSR2 | RR2Y/STS | 4.2 | 23-Sep | 3.0 | 50 | 1 | 3.0 | 3972 | 51.3 |
| Asgrow | AG4336 | RR2Y | 4.3 | 9-Sep | 1.8 | 50 | 0 | 2.3 | 3566 | 50.6 |
| HBK | LL4653 | LL | 4.6 | 23-Sep | 3.7 | 48 | 0 | 3.0 | 3585 | 50.1 |
| Southern States | SS4514NR2 | RR2Y | 4.5 | 18-Sep | 4.0 | 49 | 0 | 3.0 | 3737 | 49.5 |
| Asgrow | AG4232 | RR2Y/STS | 4.2 | 23-Sep | 4.0 | 45 | 0 | 2.7 | 3696 | 48.3 |
| CZ | 4540LL | LL | 4.5 | 23-Sep | 3.3 | 50 | 2 | 3.0 | 3314 | 48.2 |
| CZ | 4222LL | LL | 4.2 | 23-Sep | 4.3 | 43 | 0 | 3.0 | 3425 | 47.9 |
| Channel | 4107R2 | RR2Y | 4.1 | 23-Sep | 4.3 | 46 | 1 | 3.0 | 3593 | 47.4 |
| Dyna-Gro | S42RY46 | RR2Y | 4.2 | 23-Sep | 3.8 | 47 | 0 | 2.7 | 3507 | 47.2 |
| Virginia Tech | Md0708WN120 | CONV | 4.3 | 23-Sep | 4.7 | 46 | 1 | 3.0 | 3374 | 46.9 |
| Asgrow | AG4633 | RR2Y | 4.6 | 12-Sep | 3.0 | 45 | 1 | 3.0 | 3328 | 46.2 |
| NK | S45R7 | RR2Y/STS | 4.5 | 23-Sep | 2.8 | 45 | 0 | 3.0 | 3388 | 45.9 |
| Dyna-Gro | 31RY45 | RR2Y | 4.5 | 23-Sep | 3.7 | 46 | 2 | 3.0 | 3656 | 44.6 |
| NK | S41-J6 | RR2Y | 4.1 | 23-Sep | 3.5 | 51 | 0 | 3.0 | 3671 | 44.3 |
| Dyna-Gro | S46RY85 | RR2Y | 4.6 | 23-Sep | 3.8 | 45 | 0 | 3.0 | 3905 | 43.7 |
| Asgrow | AG4632 | RR2Y/STS | 4.6 | 23-Sep | 3.3 | 46 | 2 | 3.0 | 3931 | 43.3 |
| USG | Ellis | CONV | 4.9 | 10-Oct | 3.0 | 37 | 5 | 2.7 | 4100 | 43.1 |
| AXIS | 4516NR | RR2Y | 4.5 | 23-Sep | 4.0 | 45 | 3 | 2.7 | 4088 | 40.8 |
| LSD P=.10 | | | | 2.0 | 0.8 | 4 | 2 | 0.5 | 308 | 9.1 |
| CV | | | | 7.0 | 17.3 | 6 | 128 | 12.1 | 6 | 12.9 |
| Grand Mean | | | | 20-Sep | 3.3 | 47 | 1 | 2.9 | 3510 | 52.1 |

Table 3c. Performance of Full-Season Early Maturity Group IV Entries at Painter, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | |
|-----------------|---------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | Yield (Bu/A) |
| Southern States | SS4514NR2 | RR2Y | 4.5 | | 1.3 | 31 | 3 | 2.7 | 3708 | 41.0 |
| Dyna-Gro | 31RY45 | RR2Y | 4.5 | | 1.0 | 32 | 8 | 3.3 | 3770 | 40.7 |
| Progeny Ag | P4613RYS | RR2Y/STS | 4.6 | | 1.0 | 32 | 6 | 3.0 | 3397 | 37.6 |
| Mid-Atlantic | MA4315RR2/STS | RR2/STS | 4.3 | | 1.3 | 31 | 3 | 2.3 | 3387 | 37.3 |
| Mid-Atlantic | MA4355RR2/STS | RR2Y/STS | 4.3 | | 1.0 | 33 | 5 | 3.3 | 3495 | 34.9 |
| T.A. Seeds | TS4669R2 | RR2Y | 4.6 | | 1.0 | 32 | 0 | 2.3 | 4312 | 34.7 |
| USG | 74F24RS | RR2Y/STS | 4.2 | | 1.0 | 32 | 3 | 3.7 | 3329 | 34.6 |
| Channel | 4009R2 | RR2Y | 4.0 | | 1.0 | 28 | 0 | 2.3 | 3826 | 34.6 |
| Asgrow | AG4336 | RR2Y | 4.3 | | 1.0 | 31 | 0 | 2.0 | 3706 | 34.3 |
| Dyna-Gro | S42RY46 | RR2Y | 4.2 | | 1.0 | 31 | 6 | 2.7 | 3246 | 34.3 |
| Hubner Seed | H45-16 | RR2Y | 4.6 | | 1.0 | 33 | 0 | 2.3 | 3942 | 34.2 |
| CZ | 4181RY | RR2Y | 4.1 | | 1.5 | 32 | 3 | 2.7 | 3683 | 34.2 |
| Dyna-Gro | 39RY43 | RR2Y | 4.3 | | 1.0 | 28 | 6 | 3.3 | 3524 | 34.1 |
| Mid-Atlantic | MA4614RR2/STS | RR2/STS | 4.6 | | 1.0 | 32 | 8 | 3.7 | 3432 | 33.7 |
| Mid-Atlantic | MA4222nRR2 | RR2Y | 4.2 | | 1.0 | 29 | 2 | 2.7 | 3750 | 33.4 |
| Asgrow | AG4232 | RR2Y/STS | 4.2 | | 1.0 | 33 | 2 | 2.7 | 4298 | 33.3 |
| CZ | 4222LL | LL | 4.2 | | 1.0 | 29 | 0 | 2.0 | 4033 | 33.3 |
| AXIS | 4516NR | RR2Y | 4.5 | | 1.0 | 31 | 6 | 2.7 | 3815 | 33.2 |
| USG | Ellis | CONV | 4.9 | | 1.0 | 31 | 8 | 3.3 | 3663 | 33.2 |
| Dyna-Gro | S46RY85 | RR2Y | 4.6 | | 1.0 | 28 | 5 | 2.3 | 3728 | 33.0 |
| Channel | 4107R2 | RR2Y | 4.1 | | 1.0 | 30 | 1 | 3.0 | 3886 | 33.0 |
| CZ | 4540LL | LL | 4.5 | | 1.0 | 31 | 9 | 3.7 | 3522 | 32.4 |
| T.A. Seeds | TS4269R2S | RR2Y/STS | 4.2 | | 1.0 | 31 | 1 | 3.0 | 3569 | 32.4 |
| T.A. Seeds | TS4469R2S | RR2Y/STS | 4.4 | | 1.0 | 29 | 4 | 3.0 | 4065 | 32.4 |
| Channel | 4508R2/SR | RR2Y/SR | 4.5 | | 1.0 | 29 | 0 | 3.3 | 3876 | 32.2 |
| CZ | 4044LL | LL | 4.0 | | 1.0 | 29 | 2 | 2.7 | 3587 | 31.5 |
| HBK | LL4653 | LL | 4.6 | | 1.0 | 27 | 6 | 3.7 | 3988 | 31.2 |
| Virginia Tech | Md0708WN120 | CONV | 4.3 | | 1.0 | 28 | 1 | 2.7 | 3890 | 30.9 |
| Pioneer | P46T21R | RR | 4.6 | | 1.0 | 32 | 1 | 3.5 | 4087 | 30.4 |
| Asgrow | AG4135 | RR2Y/STS | 4.1 | | 1.0 | 31 | 3 | 3.3 | 3790 | 30.3 |
| Channel | 4209R2 | RR2Y | 4.2 | | 1.0 | 32 | 1 | 2.7 | 3905 | 30.3 |
| Southern States | SS4215NSR2 | RR2Y/STS | 4.2 | | 1.0 | 28 | 2 | 3.3 | 3914 | 30.2 |
| Asgrow | AG4633 | RR2Y | 4.6 | | 1.0 | 29 | 2 | 2.7 | 3579 | 29.2 |
| CZ | 4105LL | LL | 4.1 | | 1.0 | 29 | 4 | 2.7 | 3641 | 29.2 |
| Southern States | SS4414NR2 | RR2Y | 4.4 | | 1.0 | 31 | 2 | 3.0 | 4527 | 27.9 |
| CZ | 4590RY | RR2Y | 4.5 | | 1.0 | 29 | 4 | 3.7 | 4331 | 27.3 |
| NK | S45R7 | RR2Y/STS | 4.5 | | 1.0 | 29 | 0 | 3.0 | 4092 | 26.2 |
| Asgrow | AG4632 | RR2Y/STS | 4.6 | | 1.0 | 34 | 3 | 3.0 | 4207 | 25.4 |
| NK | S41-J6 | RR2Y | 4.1 | | 1.0 | 32 | 1 | 3.0 | 4226 | 25.2 |
| LSD P=.10 | | | | | 0.3 | 4 | 4.05 | 1.0 | 375 | 5.7 |
| CV | | | | | 15.7 | 10 | 94.3 | 24.3 | 7 | 12.9 |
| Grand Mean | | | | | 1.0 | 31 | 3.16 | 2.9 | 3814 | 32.5 |

Table 3d. Performance of Full-Season Early Maturity Group IV Entries at Suffolk, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | |
|-----------------|---------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | Yield (Bu/A) |
| USG | Ellis | CONV | 4.9 | 13-Oct | 3.3 | 29.7 | 12 | 3.3 | 3154 | 73.8 |
| Mid-Atlantic | MA4614RR2/STS | RR2/STS | 4.6 | 11-Oct | 2.7 | 38.3 | 11 | 4.3 | 2617 | 70.8 |
| Southern States | SS4414NR2 | RR2Y | 4.4 | 25-Sep | 2.5 | 41.0 | 4 | 4.0 | 3110 | 69.6 |
| Dyna-Gro | 31RY45 | RR2Y | 4.5 | 30-Sep | 2.8 | 40.3 | 7 | 4.0 | 2806 | 68.7 |
| Pioneer | P46T21R | RR | 4.6 | 7-Oct | 3.2 | 37.0 | 2 | 4.0 | 2872 | 68.2 |
| AXIS | 4516NR | RR2Y | 4.5 | 9-Oct | 2.5 | 37.7 | 10 | 4.7 | 2714 | 67.7 |
| Asgrow | AG4336 | RR2Y | 4.3 | 23-Sep | 2.8 | 40.7 | 2 | 3.7 | 2895 | 67.1 |
| CZ | 4590RY | RR2Y | 4.5 | 2-Oct | 2.3 | 40.0 | 5 | 4.7 | 3205 | 66.9 |
| Mid-Atlantic | MA4355RR2/STS | RR2Y/STS | 4.3 | 30-Sep | 2.8 | 46.3 | 2 | 4.3 | 2719 | 65.7 |
| Mid-Atlantic | MA4222nRR2 | RR2Y | 4.2 | 25-Sep | 2.8 | 39.3 | 3 | 4.0 | 2814 | 64.8 |
| T.A. Seeds | TS4669R2 | RR2Y | 4.6 | 4-Oct | 2.5 | 36.3 | 6 | 4.3 | 3034 | 64.6 |
| Dyna-Gro | S46RY85 | RR2Y | 4.6 | 27-Sep | 2.8 | 37.3 | 4 | 4.0 | 2943 | 64.6 |
| USG | 74F24RS | RR2Y/STS | 4.2 | 25-Sep | 2.3 | 42.7 | 8 | 4.7 | 2701 | 64.4 |
| Progeny Ag | P4613RYS | RR2Y/STS | 4.6 | 14-Oct | 3.3 | 43.3 | 7 | 4.3 | 2661 | 63.9 |
| T.A. Seeds | TS4469R2S | RR2Y/STS | 4.4 | 25-Sep | 1.8 | 36.7 | 5 | 3.7 | 2814 | 63.9 |
| Mid-Atlantic | MA4315RR2/STS | RR2/STS | 4.3 | 2-Oct | 2.2 | 36.0 | 7 | 4.3 | 2615 | 63.2 |
| Hubner Seed | H45-16 | RR2Y | 4.6 | 30-Sep | 3.2 | 41.3 | 5 | 4.3 | 3073 | 63.1 |
| Asgrow | AG4633 | RR2Y | 4.6 | 25-Sep | 2.2 | 36.3 | 5 | 4.3 | 2633 | 63.1 |
| Asgrow | AG4632 | RR2Y/STS | 4.6 | 25-Sep | 2.8 | 39.3 | 5 | 4.0 | 2776 | 62.6 |
| Southern States | SS4514NR2 | RR2Y | 4.5 | 2-Oct | 2.7 | 36.7 | 6 | 4.3 | 2812 | 62.5 |
| Asgrow | AG4232 | RR2Y/STS | 4.2 | 27-Sep | 2.5 | 35.7 | 2 | 4.0 | 3007 | 62.0 |
| CZ | 4540LL | LL | 4.5 | 7-Oct | 2.3 | 40.7 | 9 | 4.3 | 2844 | 61.6 |
| Channel | 4107R2 | RR2Y | 4.1 | 27-Sep | 2.3 | 37.0 | 2 | 4.0 | 2775 | 60.0 |
| Channel | 4209R2 | RR2Y | 4.2 | 23-Sep | 2.2 | 38.7 | 4 | 4.0 | 2833 | 59.9 |
| Asgrow | AG4135 | RR2Y/STS | 4.1 | 30-Sep | 1.7 | 37.0 | 3 | 4.0 | 2720 | 59.8 |
| T.A. Seeds | TS4269R2S | RR2Y/STS | 4.2 | 25-Sep | 3.2 | 41.7 | 7 | 4.3 | 2552 | 59.7 |
| CZ | 4181RY | RR2Y | 4.1 | 26-Sep | 2.7 | 40.0 | 7 | 4.0 | 2565 | 59.7 |
| CZ | 4105LL | LL | 4.1 | 23-Sep | 2.3 | 37.3 | 2 | 4.0 | 2538 | 58.7 |
| Dyna-Gro | 39RY43 | RR2Y | 4.3 | 2-Oct | 1.8 | 38.0 | 6 | 4.3 | 2800 | 58.4 |
| CZ | 4222LL | LL | 4.2 | 27-Sep | 3.2 | 40.3 | 4 | 4.7 | 2850 | 58.1 |
| Southern States | SS4215NSR2 | RR2Y/STS | 4.2 | 25-Sep | 1.5 | 35.7 | 3 | 4.0 | 2774 | 57.7 |
| NK | S41-J6 | RR2Y | 4.1 | 23-Sep | 3.0 | 37.0 | 3 | 4.0 | 2876 | 57.5 |
| Channel | 4508R2/SR | RR2Y/SR | 4.5 | 16-Oct | 2.7 | 39.0 | 9 | 4.7 | 2758 | 56.5 |
| Dyna-Gro | S42RY46 | RR2Y | 4.2 | 27-Sep | 2.5 | 39.0 | 6 | 4.7 | 2914 | 56.1 |
| CZ | 4044LL | LL | 4.0 | 30-Sep | 2.7 | 36.0 | 1 | 4.3 | 2904 | 55.8 |
| NK | S45R7 | RR2Y/STS | 4.5 | 23-Sep | 2.3 | 35.7 | 3 | 4.0 | 2682 | 54.3 |
| Channel | 4009R2 | RR2Y | 4.0 | 23-Sep | 3.2 | 36.7 | 5 | 4.3 | 2834 | 50.4 |
| Virginia Tech | Md0708WN120 | CONV | 4.3 | 23-Sep | 3.2 | 35.7 | 2 | 4.0 | 2972 | 50.2 |
| HBK | LL4653 | LL | 4.6 | 2-Oct | 1.3 | 35.7 | 5 | 4.3 | 3117 | 46.4 |
| LSD P=.10 | | | | 6.44 | 1.0 | 4.3 | 4 | 0.6 | 135 | 7.8 |
| CV | | | | 15.86 | 27.8 | 8.3 | 52 | 10.6 | 4 | 9.3 |
| Grand Mean | | | | 29-Sep | 2.6 | 38.3 | 5 | 4.2 | 2828 | 61.6 |

Table 3e. Performance of Full-Season Early Maturity Group IV Entries at Warsaw, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | |
|-----------------|---------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | Yield (Bu/A) |
| Dyna-Gro | 39RY43 | RR2Y | 4.3 | 19-Sep | 1.5 | 40 | 2 | 2.0 | 3394 | 63.9 |
| Asgrow | AG4135 | RR2Y/STS | 4.1 | 15-Sep | 1.4 | 40 | 3 | 2.0 | 3171 | 62.7 |
| CZ | 4222LL | LL | 4.2 | 16-Sep | 1.2 | 36 | 0 | 1.0 | 3223 | 62.0 |
| Hubner Seed | H45-16 | RR2Y | 4.6 | 22-Sep | 1.9 | 45 | 1 | 1.3 | 3740 | 61.1 |
| Channel | 4009R2 | RR2Y | 4.0 | 15-Sep | 1.4 | 38 | 1 | 1.0 | 3243 | 60.8 |
| Asgrow | AG4632 | RR2Y/STS | 4.6 | 22-Sep | 1.8 | 45 | 0 | 1.0 | 3731 | 60.5 |
| CZ | 4044LL | LL | 4.0 | 16-Sep | 1.3 | 37 | 1 | 1.0 | 3220 | 60.1 |
| CZ | 4181RY | RR2Y | 4.1 | 15-Sep | 1.6 | 43 | 4 | 2.0 | 3190 | 59.4 |
| Channel | 4508R2/SR | RR2Y/SR | 4.5 | 19-Sep | 1.7 | 46 | 1 | 1.3 | 3298 | 59.2 |
| NK | S41-J6 | RR2Y | 4.1 | 18-Sep | 1.8 | 45 | 2 | 1.0 | 3675 | 59.0 |
| Virginia Tech | Md0708WN120 | CONV | 4.3 | 16-Sep | 2.2 | 41 | 1 | 1.0 | 3583 | 58.7 |
| Southern States | SS4215NSR2 | RR2Y/STS | 4.2 | 16-Sep | 1.5 | 42 | 1 | 1.0 | 3949 | 58.3 |
| Asgrow | AG4336 | RR2Y | 4.3 | 17-Sep | 1.7 | 42 | 1 | 1.7 | 3697 | 57.8 |
| T.A. Seeds | TS4469R2S | RR2Y/STS | 4.4 | 18-Sep | 1.4 | 41 | 2 | 1.0 | 3871 | 57.2 |
| CZ | 4105LL | LL | 4.1 | 18-Sep | 1.2 | 36 | 0 | 1.0 | 2917 | 57.2 |
| Mid-Atlantic | MA4222nRR2 | RR2Y | 4.2 | 16-Sep | 1.8 | 42 | 0 | 1.7 | 3401 | 56.0 |
| NK | S45R7 | RR2Y/STS | 4.5 | 14-Sep | 1.6 | 39 | 1 | 1.0 | 3579 | 55.8 |
| USG | 74F24RS | RR2Y/STS | 4.2 | 18-Sep | 2.1 | 44 | 2 | 2.0 | 3505 | 55.4 |
| Mid-Atlantic | MA4355RR2/STS | RR2Y/STS | 4.3 | 19-Sep | 1.9 | 46 | 1 | 1.3 | 3547 | 54.2 |
| Pioneer | P46T21R | RR | 4.6 | 18-Sep | 1.4 | 42 | 1 | 1.0 | 4207 | 54.2 |
| Channel | 4209R2 | RR2Y | 4.2 | 16-Sep | 1.7 | 43 | 1 | 1.3 | 3840 | 53.2 |
| T.A. Seeds | TS4269R2S | RR2Y/STS | 4.2 | 16-Sep | 1.7 | 43 | 3 | 2.0 | 3257 | 52.9 |
| Channel | 4107R2 | RR2Y | 4.1 | 17-Sep | 1.6 | 42 | 0 | 1.0 | 3568 | 52.9 |
| CZ | 4590RY | RR2Y | 4.5 | 20-Sep | 1.5 | 46 | 1 | 1.0 | 4356 | 52.7 |
| T.A. Seeds | TS4669R2 | RR2Y | 4.6 | 19-Sep | 1.7 | 42 | 1 | 1.0 | 3937 | 52.3 |
| Mid-Atlantic | MA4315RR2/STS | RR2/STS | 4.3 | 18-Sep | 1.6 | 42 | 0 | 1.0 | 3682 | 52.1 |
| Dyna-Gro | S42RY46 | RR2Y | 4.2 | 19-Sep | 1.7 | 42 | 2 | 1.0 | 3471 | 51.6 |
| Asgrow | AG4633 | RR2Y | 4.6 | 18-Sep | 1.3 | 35 | 0 | 1.3 | 3604 | 51.1 |
| USG | Ellis | CONV | 4.9 | 4-Oct | 1.9 | 39 | 3 | 1.7 | 4558 | 50.0 |
| Dyna-Gro | S46RY85 | RR2Y | 4.6 | 17-Sep | 1.5 | 40 | 0 | 1.0 | 4044 | 49.7 |
| Progeny Ag | P4613RYS | RR2Y/STS | 4.6 | 19-Sep | 1.8 | 45 | 2 | 1.3 | 3743 | 49.6 |
| AXIS | 4516NR | RR2Y | 4.5 | 17-Sep | 1.7 | 41 | 0 | 1.0 | 4191 | 49.2 |
| HBK | LL4653 | LL | 4.6 | 19-Sep | 1.4 | 39 | 0 | 1.3 | 4090 | 49.0 |
| Asgrow | AG4232 | RR2Y/STS | 4.2 | 18-Sep | 2.1 | 46 | 1 | 1.0 | 4008 | 48.3 |
| Dyna-Gro | 31RY45 | RR2Y | 4.5 | 20-Sep | 1.4 | 45 | 0 | 1.0 | 4078 | 47.9 |
| CZ | 4540LL | LL | 4.5 | 23-Sep | 1.7 | 46 | 2 | 1.3 | 3785 | 47.3 |
| Southern States | SS4414NR2 | RR2Y | 4.4 | 18-Sep | 1.5 | 44 | 1 | 1.3 | 4621 | 47.0 |
| Southern States | SS4514NR2 | RR2Y | 4.5 | 18-Sep | 1.7 | 41 | 1 | 1.3 | 4260 | 46.7 |
| Mid-Atlantic | MA4614RR2/STS | RR2/STS | 4.6 | 21-Sep | 1.5 | 45 | 4 | 1.0 | 3768 | 46.1 |
| LSD P=.10 | | | | 2.51 | 0.2 | 3 | 1 | 0.5 | 203 | 8.1 |
| CV | | | | 9.88 | 10.4 | 5 | 84 | 26.4 | 4 | 10.9 |
| Grand Mean | | | | 18-Sep | 1.6 | 42 | 1 | 1.3 | 3718 | 54.4 |

Table 3f. Performance of Double-Crop Early Maturity Group IV Entries at Blackstone, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | Yield (Bu/A) |
|---------------|---------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | |
| Asgrow | AG4632 | RR2Y/STS | 4.6 | | 1.0 | 21 | 1 | 3.0 | 2747 | 15.3 |
| USG | Ellis | CONV | 4.1 | | 1.0 | 18 | 1 | 2.0 | 3653 | 14.9 |
| Mid-Atlantic | MA4614RR2/STS | RR2Y/STS | 4.6 | | 1.0 | 20 | 1 | 2.0 | 2805 | 14.9 |
| Mid-Atlantic | MA4355RR2/STS | RR2Y/STS | 4.3 | | 1.0 | 21 | 1 | 2.0 | 2572 | 14.8 |
| Progeny Ag | P 4613RYS | RR2Y/STS | 4.6 | | 1.0 | 21 | 2 | 2.7 | 2605 | 14.8 |
| Asgrow | AG4633 | RR2Y | 4.6 | | 1.0 | 18 | 0 | 3.0 | 2706 | 14.2 |
| CZ | 4590 RY | RR2Y | 4.5 | | 1.0 | 21 | 2 | 2.3 | 2981 | 14.0 |
| AXIS | 4516NR | RR2Y | 4.5 | | 1.0 | 16 | 0 | 3.0 | 2721 | 13.5 |
| HBK | LL4653 | LL | 4.6 | | 1.0 | 20 | 1 | 2.3 | 2892 | 13.2 |
| Asgrow | AG4336 | RR2Y | 4.3 | | 1.0 | 20 | 1 | 3.0 | 2817 | 12.8 |
| NK | S45 R7 | RR2Y/STS | 4.5 | | 1.0 | 21 | 1 | 3.0 | 2662 | 12.8 |
| CZ | 4105 LL | LL | 4.1 | | 1.0 | 19 | 1 | 2.3 | 2651 | 12.8 |
| NK | S41-J6 | RR2Y | 4.1 | | 1.0 | 22 | 3 | 3.0 | 2655 | 12.7 |
| Dyna-Gro | 31RY45 | RR2Y | 4.5 | | 1.0 | 19 | 0 | 2.7 | 2641 | 12.1 |
| Channel | 4508R2/SR | RR2Y/SR | 4.5 | | 1.0 | 22 | 1 | 3.0 | 2661 | 11.9 |
| Asgrow | AG4232 | RR2Y/STS | 4.2 | | 1.0 | 20 | 0 | 2.0 | 3014 | 11.8 |
| Asgrow | AG4135 | RR2Y/STS | 4.1 | | 1.0 | 19 | 0 | 2.7 | 2785 | 11.5 |
| Hubner Seed | H45-16 | RR2Y | 4.5 | | 1.0 | 21 | 1 | 3.0 | 2943 | 11.3 |
| Mid-Atlantic | MA4315RR2/STS | RR2/STS | 4.3 | | 1.0 | 21 | 1 | 2.3 | 3018 | 11.2 |
| Dyna-Gro | S42RY46 | RR2Y | 4.2 | | 1.0 | 17 | 2 | 3.0 | 2678 | 10.8 |
| Pioneer | P46T21R | RR | 4.6 | | 1.0 | 20 | 0 | 3.0 | 2847 | 10.6 |
| Virginia Tech | Md0708WN 120 | CONV | 4.3 | | 1.0 | 21 | 1 | 3.0 | 2840 | 9.7 |
| LSD P=.10 | | | | | 0.0 | 3 | 1 | 0.4 | 198 | 4.3 |
| CV | | | | | 0.0 | 11 | 99 | 11.9 | 5 | 24.4 |
| Grand Mean | | | | | 1.0 | 20 | 1 | 2.7 | 2813 | 12.8 |

Table 3g. Performance of Double-Crop Early Maturity Group IV Entries at Orange, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | |
|---------------|---------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | Yield (Bu/A) |
| Mid-Atlantic | MA4315RR2/STS | RR2/STS | 4.3 | 30-Sep | 1.3 | 40 | 2 | 2.7 | 3370 | 63.0 |
| Asgrow | AG4633 | RR2Y | 4.6 | 2-Oct | 1.5 | 39 | 2 | 2.3 | 3389 | 59.6 |
| Progeny Ag | P 4613RYS | RR2Y/STS | 4.6 | 6-Oct | 1.3 | 43 | 2 | 2.7 | 3168 | 58.2 |
| Dyna-Gro | 31RY45 | RR2Y | 4.5 | 11-Oct | 1.5 | 41 | 5 | 2.7 | 3442 | 55.8 |
| NK | S41-J6 | RR2Y | 4.1 | 25-Sep | 1.5 | 40 | 2 | 2.3 | 3494 | 53.5 |
| Hubner Seed | H45-16 | RR2Y | 4.5 | 3-Oct | 1.3 | 41 | 2 | 3.0 | 3398 | 51.7 |
| AXIS | 4516NR | RR2Y | 4.5 | 5-Oct | 1.7 | 40 | 9 | 3.0 | 3400 | 51.6 |
| Asgrow | AG4336 | RR2Y | 4.3 | 23-Sep | 1.2 | 42 | 1 | 2.3 | 3543 | 51.1 |
| Asgrow | AG4135 | RR2Y/STS | 4.1 | 23-Sep | 1.2 | 39 | 0 | 2.0 | 3558 | 50.6 |
| CZ | 4105 LL | LL | 4.1 | 23-Sep | 1.0 | 38 | 1 | 2.0 | 3082 | 50.4 |
| Mid-Atlantic | MA4614RR2/STS | RR2Y/STS | 4.6 | 11-Oct | 1.3 | 41 | 3 | 3.0 | 3168 | 50.0 |
| Channel | 4508R2/SR | RR2Y/SR | 4.5 | 2-Oct | 1.2 | 43 | 2 | 2.7 | 3282 | 49.8 |
| Virginia Tech | Md0708WN 120 | CONV | 4.3 | 23-Sep | 2.2 | 38 | 1 | 2.0 | 3698 | 48.8 |
| CZ | 4590 RY | RR2Y | 4.5 | 30-Sep | 1.0 | 40 | 4 | 3.0 | 3919 | 48.6 |
| HBK | LL4653 | LL | 4.6 | 3-Oct | 1.2 | 38 | 4 | 2.3 | 3613 | 48.3 |
| NK | S45 R7 | RR2Y/STS | 4.5 | 23-Sep | 1.0 | 39 | 2 | 2.3 | 3394 | 48.2 |
| Mid-Atlantic | MA4355RR2/STS | RR2Y/STS | 4.3 | 8-Oct | 1.0 | 44 | 1 | 3.0 | 3113 | 47.7 |
| Dyna-Gro | S42RY46 | RR2Y | 4.2 | 29-Sep | 1.2 | 39 | 4 | 3.0 | 3213 | 46.4 |
| Pioneer | P46T21R | RR | 4.6 | 26-Sep | 1.0 | 37 | 1 | 2.3 | 3765 | 43.7 |
| USG | Ellis | CONV | 4.1 | 31-Aug | 2.0 | 39 | 0 | 2.0 | 3715 | 43.6 |
| Asgrow | AG4232 | RR2Y/STS | 4.2 | 5-Oct | 1.8 | 42 | 3 | 3.0 | 3514 | 43.0 |
| Asgrow | AG4632 | RR2Y/STS | 4.6 | 9-Oct | 1.3 | 40 | 7 | 3.0 | 3341 | 39.4 |
| LSD P=.10 | | | | 3.37 | 0.4 | 3 | 3 | 0.5 | 158 | 9.3 |
| CV | | | | 7.87 | 22.4 | 6 | 72 | 15.2 | 3 | 13.5 |
| Grand Mean | | | | 1-Oct | 1.3 | 40 | 3 | 2.6 | 3435 | 50.1 |

Table 3h. Performance of Double-Crop Early Maturity Group IV Entries at Painter, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | Yield (Bu/A) |
|---------------|---------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | |
| Mid-Atlantic | MA4614RR2/STS | RR2Y/STS | 4.6 | 30-Oct | 1.0 | 26 | 0 | 2.0 | 2747 | 39.4 |
| USG | Ellis | CONV | 4.1 | 30-Oct | 1.0 | 28 | 1 | 2.0 | 3671 | 38.9 |
| Mid-Atlantic | MA4355RR2/STS | RR2Y/STS | 4.3 | 26-Oct | 1.0 | 26 | 0 | 2.0 | 2650 | 38.7 |
| Progeny Ag | P 4613RYS | RR2Y/STS | 4.6 | 25-Oct | 1.0 | 29 | 1 | 2.0 | 2831 | 37.6 |
| Dyna-Gro | 31RY45 | RR2Y | 4.5 | 30-Oct | 1.0 | 26 | 0 | 2.0 | 2702 | 37.5 |
| NK | S41-J6 | RR2Y | 4.1 | 22-Oct | 1.0 | 25 | 0 | 2.0 | 3024 | 36.3 |
| Asgrow | AG4232 | RR2Y/STS | 4.2 | 22-Oct | 1.0 | 27 | 0 | 2.0 | 3213 | 36.3 |
| Asgrow | AG4632 | RR2Y/STS | 4.6 | 26-Oct | 1.0 | 27 | 1 | 2.0 | 2817 | 34.8 |
| Channel | 4508R2/SR | RR2Y/SR | 4.5 | 26-Oct | 1.0 | 27 | 1 | 2.0 | 2793 | 34.8 |
| Dyna-Gro | S42RY46 | RR2Y | 4.2 | 28-Oct | 1.0 | 25 | 1 | 2.0 | 2781 | 34.8 |
| CZ | 4590 RY | RR2Y | 4.5 | 25-Oct | 1.0 | 24 | 0 | 2.0 | 3183 | 34.6 |
| NK | S45 R7 | RR2Y/STS | 4.5 | 21-Oct | 1.0 | 26 | 0 | 2.0 | 2848 | 34.3 |
| Asgrow | AG4633 | RR2Y | 4.6 | 22-Oct | 1.0 | 23 | 1 | 2.0 | 3005 | 34.1 |
| Mid-Atlantic | MA4315RR2/STS | RR2/STS | 4.3 | 28-Oct | 1.0 | 24 | 0 | 2.0 | 2992 | 33.7 |
| AXIS | 4516NR | RR2Y | 4.5 | 24-Oct | 1.0 | 26 | 1 | 2.0 | 2881 | 33.6 |
| Pioneer | P46T21R | RR | 4.6 | 28-Oct | 1.0 | 27 | 1 | 2.0 | 2901 | 33.6 |
| Hubner Seed | H45-16 | RR2Y | 4.5 | 23-Oct | 1.0 | 28 | 0 | 1.0 | 3191 | 32.7 |
| HBK | LL4653 | LL | 4.6 | 31-Oct | 1.0 | 23 | 0 | 2.0 | 2763 | 32.4 |
| Asgrow | AG4336 | RR2Y | 4.3 | 24-Oct | 1.0 | 26 | 1 | 2.0 | 3002 | 31.9 |
| Asgrow | AG4135 | RR2Y/STS | 4.1 | 22-Oct | 1.0 | 24 | 2 | 2.0 | 2954 | 31.5 |
| Virginia Tech | Md0708WN 120 | CONV | 4.3 | 21-Oct | 1.0 | 23 | 4 | 2.0 | 2775 | 31.5 |
| CZ | 4105 LL | LL | 4.1 | 21-Oct | 1.0 | 25 | 1 | 2.0 | 2636 | 29.8 |
| LSD P=.10 | | | | 3.65 | 0.0 | 3 | 1 | 0.0 | 152 | 5.3 |
| CV | | | | 4.79 | 0.0 | 9 | 129 | 0.0 | 4 | 11.1 |
| Grand Mean | | | | 25-Oct | 1.0 | 26 | 1 | 2.0 | 2926 | 34.7 |

Table 3i. Performance of Double-Crop Early Maturity Group IV Entries at Suffolk, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | Yield (Bu/A) |
|---------------|---------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | |
| Progeny Ag | P 4613RYS | RR2Y/STS | 4.6 | 16-Oct | 1.2 | 28 | 4 | 3.0 | 2667 | 48.7 |
| USG | Ellis | CONV | 4.1 | 20-Oct | 1.0 | 26 | 0 | 2.0 | 3638 | 47.0 |
| Dyna-Gro | 31RY45 | RR2Y | 4.5 | 16-Oct | 1.0 | 26 | 1 | 3.0 | 2677 | 46.1 |
| Mid-Atlantic | MA4315RR2/STS | RR2/STS | 4.3 | 18-Oct | 1.0 | 27 | 7 | 3.3 | 2615 | 45.6 |
| AXIS | 4516NR | RR2Y | 4.5 | 16-Oct | 1.0 | 25 | 3 | 3.0 | 2561 | 45.5 |
| Mid-Atlantic | MA4614RR2/STS | RR2Y/STS | 4.6 | 23-Oct | 1.0 | 27 | 0 | 2.3 | 2617 | 45.2 |
| Mid-Atlantic | MA4355RR2/STS | RR2Y/STS | 4.3 | 18-Oct | 1.2 | 30 | 3 | 3.0 | 2650 | 45.0 |
| Asgrow | AG4632 | RR2Y/STS | 4.6 | 16-Oct | 1.0 | 27 | 2 | 3.0 | 2786 | 43.7 |
| Asgrow | AG4633 | RR2Y | 4.6 | 15-Oct | 1.0 | 24 | 2 | 3.3 | 2595 | 43.7 |
| CZ | 4590 RY | RR2Y | 4.5 | 14-Oct | 1.0 | 25 | 5 | 3.0 | 3259 | 42.6 |
| Pioneer | P46T21R | RR | 4.6 | 17-Oct | 1.0 | 27 | 4 | 4.0 | 2987 | 41.7 |
| NK | S41-J6 | RR2Y | 4.1 | 14-Oct | 1.0 | 27 | 3 | 3.3 | 2810 | 41.5 |
| NK | S45 R7 | RR2Y/STS | 4.5 | 14-Oct | 1.0 | 24 | 10 | 3.3 | 2575 | 41.4 |
| Hubner Seed | H45-16 | RR2Y | 4.5 | 14-Oct | 1.0 | 27 | 2 | 2.7 | 3184 | 41.3 |
| Asgrow | AG4336 | RR2Y | 4.3 | 14-Oct | 1.0 | 27 | 6 | 3.3 | 2615 | 41.0 |
| Asgrow | AG4232 | RR2Y/STS | 4.2 | 15-Oct | 1.0 | 26 | 0 | 3.0 | 2886 | 40.6 |
| Asgrow | AG4135 | RR2Y/STS | 4.1 | 11-Oct | 1.2 | 26 | 22 | 5.0 | 2827 | 40.3 |
| Channel | 4508R2/SR | RR2Y/SR | 4.5 | 19-Oct | 1.0 | 28 | 2 | 3.0 | 2758 | 39.8 |
| HBK | LL4653 | LL | 4.6 | 16-Oct | 1.0 | 23 | 3 | 3.0 | 2864 | 37.3 |
| Dyna-Gro | S42RY46 | RR2Y | 4.2 | 16-Oct | 1.0 | 26 | 3 | 3.0 | 2623 | 35.6 |
| Virginia Tech | Md0708WN 120 | CONV | 4.3 | 10-Oct | 1.0 | 25 | 10 | 4.7 | 2677 | 35.5 |
| CZ | 4105 LL | LL | 4.1 | 11-Oct | 1.0 | 26 | 8 | 3.0 | 2744 | 34.5 |
| LSD P=.10 | | | | 4.37 | 0.1 | 3 | 4 | 0.5 | 164 | 6.3 |
| CV | | | | 6.93 | 9.9 | 8 | 64 | 10.2 | 4 | 11.0 |
| Grand Mean | | | | 15-Oct | 1.0 | 26 | 5 | 3.2 | 2801 | 42.0 |

Table 3j. Performance of Double-Crop Early Maturity Group IV Entries at Warsaw, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | Yield (Bu/A) |
|---------------|---------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | |
| USG | Ellis | CONV | 4.1 | 30-Oct | 1.8 | 31 | 0 | 1.0 | 3849 | 58.8 |
| Dyna-Gro | 31RY45 | RR2Y | 4.5 | 20-Oct | 1.1 | 29 | 0 | 1.0 | 2892 | 55.8 |
| Progeny Ag | P 4613RYS | RR2Y/STS | 4.6 | 20-Oct | 1.4 | 31 | 1 | 1.3 | 2844 | 54.6 |
| Mid-Atlantic | MA4614RR2/STS | RR2Y/STS | 4.6 | 21-Oct | 1.4 | 28 | 0 | 1.3 | 2810 | 53.9 |
| Mid-Atlantic | MA4355RR2/STS | RR2Y/STS | 4.3 | 20-Oct | 1.1 | 33 | 1 | 1.3 | 2844 | 52.6 |
| Pioneer | P46T21R | RR | 4.6 | 20-Oct | 1.2 | 29 | 0 | 1.0 | 3245 | 52.5 |
| Mid-Atlantic | MA4315RR2/STS | RR2/STS | 4.3 | 18-Oct | 1.3 | 27 | 1 | 1.3 | 2844 | 52.1 |
| Asgrow | AG4632 | RR2Y/STS | 4.6 | 18-Oct | 1.3 | 30 | 1 | 1.0 | 2937 | 51.8 |
| Asgrow | AG4633 | RR2Y | 4.6 | 16-Oct | 1.2 | 27 | 1 | 2.0 | 3078 | 51.5 |
| Asgrow | AG4232 | RR2Y/STS | 4.2 | 18-Oct | 1.2 | 28 | 0 | 1.3 | 3279 | 50.9 |
| NK | S41-J6 | RR2Y | 4.1 | 18-Oct | 1.2 | 27 | 1 | 1.7 | 2987 | 50.7 |
| NK | S45 R7 | RR2Y/STS | 4.5 | 17-Oct | 1.1 | 26 | 2 | 1.7 | 2758 | 50.3 |
| CZ | 4590 RY | RR2Y | 4.5 | 17-Oct | 1.0 | 26 | 1 | 1.0 | 3380 | 50.1 |
| AXIS | 4516NR | RR2Y | 4.5 | 19-Oct | 1.2 | 25 | 2 | 1.7 | 2899 | 49.1 |
| Dyna-Gro | S42RY46 | RR2Y | 4.2 | 20-Oct | 1.1 | 28 | 0 | 1.7 | 2826 | 49.0 |
| Hubner Seed | H45-16 | RR2Y | 4.5 | 19-Oct | 1.3 | 30 | 0 | 1.0 | 3448 | 48.7 |
| Channel | 4508R2/SR | RR2Y/SR | 4.5 | 19-Oct | 1.4 | 30 | 0 | 1.7 | 2880 | 48.7 |
| Asgrow | AG4135 | RR2Y/STS | 4.1 | 17-Oct | 1.3 | 29 | 10 | 2.0 | 2926 | 45.1 |
| HBK | LL4653 | LL | 4.6 | 20-Oct | 1.1 | 24 | 1 | 1.0 | 3117 | 45.0 |
| Asgrow | AG4336 | RR2Y | 4.3 | 16-Oct | 1.2 | 28 | 0 | 1.0 | 3035 | 43.6 |
| Virginia Tech | Md0708WN 120 | CONV | 4.3 | 15-Oct | 1.2 | 27 | 5 | 2.0 | 2984 | 41.5 |
| CZ | 4105 LL | LL | 4.1 | 15-Oct | 1.1 | 24 | 3 | 2.0 | 2814 | 36.1 |
| LSD P=.10 | | | | 1.28 | 0.3 | 3 | 2 | 0.7 | 177 | 8.9 |
| CV | | | | 1.9 | 16.6 | 8 | 112 | 34.4 | 4 | 13.0 |
| Grand Mean | | | | 19-Oct | 1.2 | 28 | 1 | 1.4 | 3031 | 49.7 |

Table 4a. Performance of Full-Season Late Maturity Group IV Entries at Blackstone, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | Yield (Bu/A) |
|------------------------|---------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | |
| USG | 74K95RS | RR2Y/STS | 4.9 | | 3.2 | 51 | 4.0 | 3.7 | 3464 | 63.9 |
| Progeny Ag | P4757RY | RR2Y | 4.7 | | 4.2 | 48 | 3.3 | 4.0 | 3372 | 62.5 |
| USG | Ellis | CONV | 4.9 | | 2.0 | 40 | 6.3 | 3.0 | 3679 | 62.1 |
| HBK | LL4953 | LL | 4.9 | | 2.8 | 53 | 5.0 | 2.7 | 3414 | 61.4 |
| Asgrow | AG4835 | RR2Y/STS | 4.8 | | 3.2 | 50 | 2.3 | 3.0 | 3940 | 61.1 |
| NK | S48-P4 | RR2Y/STS | 4.8 | | 3.3 | 45 | 1.3 | 3.7 | 3385 | 60.5 |
| Pioneer | P49T80R | RR | 4.9 | | 3.3 | 43 | 3.0 | 3.7 | 3570 | 60.3 |
| Southern States | SS4725NSR2 | RR2Y/STS | 4.7 | | 2.8 | 53 | 3.3 | 3.0 | 3245 | 59.9 |
| Growmark FS-HiSoy | HS47T12 | RR2Y/STS | 4.7 | | 3.0 | 51 | 5.7 | 3.0 | 3212 | 59.4 |
| Terral Seed | REV49R94 | RR | 4.9 | | 3.2 | 48 | 7.0 | 3.7 | 3216 | 59.3 |
| Mycogen Seeds | 5N479R2 | RR2Y | 4.7 | | 2.5 | 54 | 5.0 | 3.3 | 3238 | 59.2 |
| Southern Harvest | SH4913 LL | LL | 4.9 | | 3.2 | 50 | 7.3 | 3.3 | 3332 | 59.2 |
| Doebler's | RPMD4715RR | RR | 4.7 | | 3.5 | 50 | 2.0 | 3.0 | 3162 | 59.1 |
| CZ | 4959RY | RR2Y | 4.9 | | 3.3 | 53 | 4.0 | 3.7 | 3018 | 58.5 |
| Hubner Seed | H48-13 | RR2Y/SR | 4.8 | | 2.6 | 53 | 3.5 | 3.6 | 3417 | 58.0 |
| Southern States | SS4917NR2 | RR2Y | 4.9 | | 3.2 | 51 | 3.7 | 3.3 | 3070 | 57.9 |
| Channel | 4806R2/STS | RR2Y/STS | 4.8 | | 2.5 | 50 | 2.7 | 3.0 | 3578 | 57.4 |
| Stine | 49LD02 | LL | 4.9 | | 2.5 | 49 | 7.0 | 2.7 | 3469 | 56.7 |
| Southern States | SS4915NSR2 | RR2Y/STS | 4.9 | | 2.7 | 53 | 5.0 | 3.3 | 3407 | 56.5 |
| Dyna-Gro | S49RY25 | RR2Y | 4.9 | | 2.2 | 52 | 3.3 | 3.3 | 3388 | 56.4 |
| Pioneer | P48T53R | RR | 4.8 | | 3.3 | 45 | 2.3 | 3.3 | 3331 | 56.0 |
| T.A. Seeds | TS4869R2S | RR2Y/STS | 4.8 | | 2.7 | 54 | 5.3 | 3.7 | 3482 | 55.1 |
| Dyna-Gro | S48RS53 | RR2Y/STS | 4.8 | | 2.2 | 54 | 1.7 | 3.0 | 3390 | 54.8 |
| AXIS | 4916NR | RR2/STS | 4.9 | | 2.8 | 51 | 4.0 | 3.3 | 3597 | 54.3 |
| Terral Seed | REV47R34 | RR | 4.7 | | 4.3 | 47 | 2.3 | 3.3 | 3616 | 54.0 |
| Asgrow | AG4934 | RR2Y/STS | 4.9 | | 3.0 | 54 | 4.3 | 3.0 | 3466 | 53.8 |
| Progeny Ag | P4850RYS | RR2Y/STS | 4.8 | | 1.8 | 54 | 3.0 | 3.0 | 3324 | 52.1 |
| Southern States | SS4714NSR2 | RR2Y/STS | 4.7 | | 2.7 | 51 | 2.0 | 3.7 | 3614 | 51.8 |
| CZ | 4748LL | LL | 4.7 | | 3.2 | 48 | 2.3 | 3.3 | 3134 | 51.6 |
| Virginia Tech | V09-0610 | STS | 4.7 | | 4.0 | 40 | 2.7 | 3.3 | 2950 | 51.2 |
| USG | 74D95RS | RR2Y/STS | 4.9 | | 3.5 | 52 | 1.7 | 3.7 | 3311 | 51.0 |
| HBK | LL4653 | LL | 4.6 | | 3.3 | 45 | 2.3 | 4.3 | 3735 | 50.8 |
| HBK | LL4950 | LL | 4.9 | | 3.3 | 49 | 6.0 | 2.0 | 3245 | 50.5 |
| Stine | 47RF32 | RR2Y | 4.7 | | 3.8 | 45 | 1.0 | 3.7 | 3723 | 50.0 |
| Progeny Ag | P4788RY | RR2Y | 4.7 | | 2.8 | 54 | 3.0 | 3.7 | 2874 | 49.3 |
| AXIS | 4716NRS | RR2/STS | 4.7 | | 3.2 | 46 | 2.3 | 3.3 | 3414 | 49.1 |
| University of Arkansas | R09-1589 | CONV | 4.9 | | 2.8 | 41 | 3.0 | 3.0 | 3471 | 48.7 |
| USG | 74A74RS | RR2Y/STS | 4.7 | | 3.2 | 51 | 1.7 | 3.0 | 3550 | 47.7 |
| CZ | 4818 LL | LL | 4.8 | | 3.7 | 53 | 1.7 | 3.7 | 3441 | 47.4 |
| Progeny Ag | P4900RY | RR2Y | 4.9 | | 2.7 | 46 | 1.7 | 3.3 | 3055 | 47.1 |
| Virginia Tech | V11-2149 | CONV | 4.7 | | 3.5 | 51 | 1.0 | 4.3 | 3732 | 46.0 |
| USG | 74B83RS | RR2Y/STS | 4.8 | | 3.8 | 46 | 3.7 | 3.0 | 3457 | 45.5 |
| Mid-Atlantic | MA4722RR2/STS | RR2Y/STS | 4.7 | | 3.7 | 45 | 2.0 | 3.7 | 3415 | 43.5 |
| Virginia Tech | V11-2263 | CONV | 4.7 | | 2.7 | 44 | 2.7 | 4.7 | 3407 | 37.8 |
| Growmark FS-HiSoy | HS49T14 | RR2Y/STS | 4.9 | | 4.5 | 47 | 3.0 | 3.7 | 3597 | 36.0 |
| CZ | 4044LL | LL | 4.0 | | 2.8 | 42 | 1.0 | 5.0 | 3178 | 35.2 |
| LSD P=.10 | | | | | 0.9 | 5 | 3.2 | 0.8 | 260 | 9.1 |
| CV | | | | | 20.3 | 7 | 70.0 | 16.9 | 6 | 12.5 |
| Grand Mean | | | | | 3.1 | 49 | 3.3 | 3.4 | 3394 | 53.6 |

Table 4b. Performance of Full-Season Late Maturity Group IV Entries at Orange, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | Yield (Bu/A) |
|------------------------|---------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | |
| USG | 74A74RS | RR2Y/STS | 4.7 | 28-Sep | 2.0 | 47 | 4 | 2.3 | 3271 | 59.2 |
| Southern States | SS4917NR2 | RR2Y | 4.9 | 23-Sep | 2.5 | 47 | 4 | 2.3 | 3179 | 56.7 |
| Hubner Seed | H48-13 | RR2Y/SR | 4.8 | 23-Sep | 2.6 | 47 | 3 | 2.5 | 3287 | 53.2 |
| NK | S48-P4 | RR2Y/STS | 4.8 | 25-Sep | 3.0 | 51 | 0 | 2.3 | 3611 | 52.3 |
| CZ | 4748LL | LL | 4.7 | 23-Sep | 2.8 | 45 | 2 | 2.3 | 3447 | 52.1 |
| Mycogen Seeds | 5N479R2 | RR2Y | 4.7 | 28-Sep | 2.7 | 50 | 4 | 2.0 | 3618 | 52.0 |
| Doebler's | RPMDDB4715RR | RR | 4.7 | 22-Sep | 3.0 | 46 | 3 | 2.0 | 3429 | 51.2 |
| Progeny Ag | P4757RY | RR2Y | 4.7 | 23-Sep | 4.0 | 50 | 1 | 3.7 | 3749 | 50.9 |
| Stine | 47RF32 | RR2Y | 4.7 | 23-Sep | 3.2 | 48 | 2 | 2.7 | 4109 | 49.9 |
| AXIS | 4716NRS | RR2/STS | 4.7 | 21-Sep | 2.0 | 47 | 2 | 2.0 | 3561 | 49.4 |
| Channel | 4806R2/STS | RR2Y/STS | 4.8 | 23-Sep | 2.5 | 51 | 3 | 3.0 | 7309 | 49.4 |
| Southern States | SS4915NSR2 | RR2Y/STS | 4.9 | 23-Sep | 2.8 | 51 | 2 | 2.0 | 3917 | 49.1 |
| Asgrow | AG4934 | RR2Y/STS | 4.9 | 24-Sep | 2.5 | 52 | 2 | 2.3 | 3783 | 49.0 |
| Pioneer | P48T53R | RR | 4.8 | 21-Sep | 4.3 | 48 | 0 | 2.7 | 3653 | 48.1 |
| Dyna-Gro | S49RY25 | RR2Y | 4.9 | 23-Sep | 2.5 | 51 | 1 | 1.7 | 3743 | 47.4 |
| Asgrow | AG4835 | RR2Y/STS | 4.8 | 25-Sep | 3.3 | 50 | 2 | 2.3 | 4208 | 46.8 |
| Progeny Ag | P4850RYS | RR2Y/STS | 4.8 | 28-Sep | 2.5 | 53 | 3 | 2.3 | 3764 | 45.8 |
| CZ | 4044LL | LL | 4.0 | 21-Sep | 4.7 | 43 | 2 | 2.7 | 3163 | 45.3 |
| USG | 74D95RS | RR2Y/STS | 4.9 | 23-Sep | 3.3 | 50 | 1 | 2.0 | 3439 | 44.7 |
| Virginia Tech | V11-2263 | CONV | 4.7 | 21-Sep | 2.7 | 41 | 2 | 2.7 | 3434 | 44.5 |
| Terral Seed | REV47R34 | RR | 4.7 | 23-Sep | 4.7 | 52 | 1 | 1.3 | 3985 | 43.9 |
| Southern States | SS4714NSR2 | RR2Y/STS | 4.7 | 23-Sep | 2.2 | 51 | 1 | 2.3 | 3764 | 43.9 |
| Virginia Tech | V11-2149 | CONV | 4.7 | 23-Sep | 3.3 | 47 | 1 | 3.3 | 4320 | 43.6 |
| Mid-Atlantic | MA4722RR2/STS | RR2Y/STS | 4.7 | 27-Sep | 4.2 | 43 | 1 | 2.6 | 3892 | 43.6 |
| Dyna-Gro | S48RS53 | RR2Y/STS | 4.8 | 23-Sep | 2.7 | 53 | 2 | 2.3 | 4389 | 43.3 |
| Southern States | SS4725NSR2 | RR2Y/STS | 4.7 | 22-Sep | 3.5 | 49 | 2 | 2.3 | 3789 | 43.1 |
| CZ | 4959RY | RR2Y | 4.9 | 22-Sep | 2.5 | 45 | 1 | 3.0 | 3797 | 42.9 |
| USG | 74K95RS | RR2Y/STS | 4.9 | 24-Sep | 3.7 | 52 | 0 | 2.7 | 4387 | 42.4 |
| Growmark FS-HiSoy | HS49T14 | RR2Y/STS | 4.9 | 23-Sep | 3.7 | 43 | 2 | 2.7 | 3976 | 42.2 |
| T.A. Seeds | TS4869R2S | RR2Y/STS | 4.8 | 29-Sep | 3.5 | 53 | 3 | 2.3 | 3890 | 42.0 |
| Progeny Ag | P4900RY | RR2Y | 4.9 | 23-Sep | 3.5 | 42 | 2 | 2.3 | 3198 | 42.0 |
| Stine | 49LD02 | LL | 4.9 | 5-Oct | 2.0 | 48 | 4 | 2.7 | 3731 | 41.8 |
| Pioneer | P49T80R | RR | 4.9 | 22-Sep | 3.8 | 53 | 1 | 2.7 | 3806 | 41.7 |
| HBK | LL4653 | LL | 4.6 | 21-Sep | 3.3 | 45 | 1 | 2.7 | 3646 | 41.3 |
| HBK | LL4950 | LL | 4.9 | 6-Oct | 2.3 | 52 | 5 | 2.7 | 3478 | 41.0 |
| Growmark FS-HiSoy | HS47T12 | RR2Y/STS | 4.7 | 23-Sep | 3.0 | 53 | 2 | 2.0 | 4024 | 40.9 |
| Progeny Ag | P4788RY | RR2Y | 4.7 | 27-Sep | 3.2 | 51 | 4 | 2.7 | 3199 | 40.0 |
| USG | Ellis | CONV | 4.9 | 2-Oct | 3.5 | 39 | 4 | 2.3 | 4211 | 39.1 |
| Terral Seed | REV49R94 | RR | 4.9 | 21-Sep | 4.0 | 46 | 1 | 2.0 | 3968 | 38.9 |
| Virginia Tech | V09-0610 | STS | 4.7 | 1-Oct | 3.7 | 39 | 7 | 3.0 | 2886 | 36.4 |
| CZ | 4818 LL | LL | 4.8 | 23-Sep | 5.0 | 53 | 0 | 2.3 | 3835 | 36.2 |
| AXIS | 4916NR | RR2/STS | 4.9 | 24-Sep | 3.0 | 52 | 4 | 2.0 | 4278 | 36.1 |
| HBK | LL4953 | LL | 4.9 | 30-Sep | 1.7 | 49 | 6 | 2.0 | 3887 | 36.0 |
| USG | 74B83RS | RR2Y/STS | 4.8 | 28-Sep | 4.2 | 45 | 4 | 3.0 | 3819 | 35.3 |
| Southern Harvest | SH4913 LL | LL | 4.9 | 4-Oct | 2.5 | 50 | 7 | 2.7 | 3774 | 33.0 |
| University of Arkansas | R09-1589 | CONV | 4.9 | 30-Sep | 4.0 | 36 | 4 | 2.7 | 3444 | 29.8 |
| LSD P=.10 | | | | 5.56 | 0.9 | 4 | 3 | 0.7 | 1351 | 9.3 |
| CV | | | | 16.19 | 21.9 | 6 | 100 | 21.7 | 26 | 15.4 |
| Grand Mean | | | | 25-Sep | 3.1 | 48 | 2 | 2.5 | 3794 | 44.5 |

Table 4c. Performance of Full-Season Late Maturity Group IV Entries at Painter, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | |
|------------------------|---------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | Yield (Bu/A) |
| Asgrow | AG4934 | RR2Y/STS | 4.9 | 8-Oct | 1.0 | 34 | 14 | 3.7 | 3467 | 38.9 |
| USG | Ellis | CONV | 4.9 | 14-Oct | 1.0 | 36 | 9 | 4.0 | 3732 | 38.5 |
| Southern States | SS4915NSR2 | RR2Y/STS | 4.9 | 9-Oct | 1.2 | 38 | 11 | 3.7 | 3455 | 31.2 |
| Stine | 49LD02 | LL | 4.9 | 15-Oct | 1.0 | 32 | 4 | 4.0 | 3309 | 30.9 |
| Pioneer | P48T53R | RR | 4.8 | 2-Oct | 1.0 | 31 | 4 | 3.7 | 3755 | 30.2 |
| Virginia Tech | V09-0610 | STS | 4.7 | 11-Oct | 1.7 | 35 | 3 | 4.3 | 3034 | 29.7 |
| Terral Seed | REV49R94 | RR | 4.9 | 7-Oct | 1.0 | 34 | 9 | 4.3 | 3197 | 28.4 |
| Southern States | SS4917NR2 | RR2Y | 4.9 | 3-Oct | 1.0 | 30 | 9 | 5.0 | 3205 | 27.6 |
| Southern States | SS4714NSR2 | RR2Y/STS | 4.7 | 4-Oct | 1.0 | 36 | 15 | 3.7 | 3433 | 27.0 |
| USG | 74B83RS | RR2Y/STS | 4.8 | 12-Oct | 1.0 | 31 | 12 | 3.0 | 3684 | 26.6 |
| USG | 74A74RS | RR2Y/STS | 4.7 | 13-Oct | 1.0 | 36 | 12 | 4.0 | 3369 | 26.5 |
| CZ | 4044LL | LL | 4.0 | 30-Sep | 1.3 | 28 | 6 | 4.0 | 3473 | 26.3 |
| Terral Seed | REV47R34 | RR | 4.7 | 1-Oct | 1.0 | 39 | 11 | 4.0 | 3759 | 26.3 |
| Pioneer | P49T80R | RR | 4.9 | 5-Oct | 1.0 | 34 | 8 | 4.3 | 3579 | 26.2 |
| CZ | 4959RY | RR2Y | 4.9 | 12-Oct | 1.0 | 29 | 10 | 4.0 | 3017 | 26.2 |
| USG | 74D95RS | RR2Y/STS | 4.9 | 14-Oct | 1.0 | 31 | 17 | 4.0 | 3135 | 26.1 |
| CZ | 4748LL | LL | 4.7 | 4-Oct | 1.0 | 30 | 21 | 4.0 | 3695 | 25.9 |
| Southern Harvest | SH4913 LL | LL | 4.9 | 16-Oct | 1.0 | 34 | 10 | 3.0 | 3443 | 25.9 |
| Doebler's | RPMDB4715RR | RR | 4.7 | 2-Oct | 1.0 | 29 | 13 | 4.0 | 3547 | 25.6 |
| Progeny Ag | P4850RYS | RR2Y/STS | 4.8 | 4-Oct | 1.0 | 34 | 14 | 3.3 | 3739 | 25.4 |
| AXIS | 4716NRS | RR2/STS | 4.7 | 7-Oct | 1.0 | 32 | 5 | 4.0 | 3372 | 25.1 |
| Asgrow | AG4835 | RR2Y/STS | 4.8 | 8-Oct | 1.0 | 34 | 4 | 4.3 | 3865 | 25.0 |
| Growmark FS-HiSoy | S47T12 | RR2Y/STS | 4.7 | 2-Oct | 1.0 | 34 | 8 | 4.3 | 3683 | 24.8 |
| Dyna-Gro | S48RS53 | RR2Y/STS | 4.8 | 7-Oct | 1.0 | 37 | 7 | 3.3 | 3545 | 24.8 |
| Stine | 47RF32 | RR2Y | 4.7 | 2-Oct | 1.0 | 27 | 21 | 3.3 | 3331 | 24.5 |
| University of Arkansas | R09-1589 | CONV | 4.9 | 13-Oct | 1.0 | 35 | 3 | 3.3 | 3138 | 24.4 |
| Hubner Seed | H48-13 | RR2Y/SR | 4.8 | 5-Oct | 1.0 | 36 | 6 | 4.0 | 3712 | 23.8 |
| Channel | 4806R2/STS | RR2Y/STS | 4.8 | 5-Oct | 1.0 | 34 | 8 | 4.0 | 3668 | 23.5 |
| AXIS | 4916NR | RR2/STS | 4.9 | 5-Oct | 1.0 | 40 | 13 | 3.0 | 3705 | 23.5 |
| Mid-Atlantic | MA4722RR2/STS | RR2Y/STS | 4.7 | 12-Oct | 1.0 | 32 | 19 | 3.3 | 3444 | 23.2 |
| Mycogen Seeds | 5N479R2 | RR2Y | 4.7 | 6-Oct | 1.0 | 34 | 9 | 4.0 | 3517 | 23.0 |
| Southern States | SS4725NSR2 | RR2Y/STS | 4.7 | 1-Oct | 1.0 | 32 | 11 | 3.7 | 3617 | 23.0 |
| NK | S48-P4 | RR2Y/STS | 4.8 | 3-Oct | 1.0 | 36 | 8 | 4.3 | 3505 | 22.9 |
| HBK | LL4950 | LL | 4.9 | 16-Oct | 1.0 | 33 | 5 | 4.0 | 3250 | 22.4 |
| Virginia Tech | V11-2149 | CONV | 4.7 | 27-Sep | 1.0 | 31 | 8 | 4.5 | 3667 | 21.1 |
| HBK | LL4953 | LL | 4.9 | 15-Oct | 1.0 | 28 | 10 | 3.3 | 3550 | 20.7 |
| Dyna-Gro | S49RY25 | RR2Y | 4.9 | 8-Oct | 1.0 | 30 | 21 | 4.0 | 3299 | 20.3 |
| HBK | LL4653 | LL | 4.6 | 3-Oct | 1.0 | 30 | 11 | 5.0 | 4056 | 19.7 |
| Growmark FS-HiSoy | HS49T14 | RR2Y/STS | 4.9 | 9-Oct | 1.0 | 31 | 16 | 4.0 | 3600 | 19.4 |
| Progeny Ag | P4788RY | RR2Y | 4.7 | 3-Oct | 1.0 | 28 | 17 | 4.7 | 3214 | 19.0 |
| Progeny Ag | P4757RY | RR2Y | 4.7 | 4-Oct | 1.0 | 34 | 6 | 3.7 | 3832 | 18.9 |
| CZ | 4818 LL | LL | 4.8 | 1-Oct | 1.0 | 34 | 6 | 3.0 | 3863 | 18.7 |
| Virginia Tech | V11-2263 | CONV | 4.7 | 28-Sep | 1.0 | 30 | 2 | 4.0 | 3850 | 18.4 |
| USG | 74K95RS | RR2Y/STS | 4.9 | 6-Oct | 1.0 | 34 | 15 | 4.0 | 3738 | 17.9 |
| Progeny Ag | P4900RY | RR2Y | 4.9 | 11-Oct | 1.0 | 28 | 15 | 4.0 | 3037 | 17.8 |
| T.A. Seeds | TS4869R2S | RR2Y/STS | 4.8 | 6-Oct | 1.0 | 33 | 15 | 4.0 | 3618 | 17.6 |
| LSD P=.10 | | | | 4.93 | 0.2 | 6 | 8 | 0.5 | 291 | 8.1 |
| CV | | | | 9.84 | 12.2 | 13 | 57 | 10.0 | 6 | 24.2 |
| Grand Mean | | | | 6-Oct | 1.0 | 33 | 10 | 3.9 | 3520 | 24.6 |

Table 4d. Performance of Full-Season Late Maturity Group IV Entries at Suffolk, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | Seed | | | Yield (Bu/A) |
|-------------------|---------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | PSS (%) | Quality (1-5) | Seed Size (Seed/lb) | |
| Southern States | SS4915NSR2 | RR2Y/STS | 4.9 | 9-Oct | 2.7 | 42 | 6 | 3.3 | 2715 | 80.1 |
| USG | 74K95RS | RR2Y/STS | 4.9 | 7-Oct | 2.7 | 43 | 5 | 2.3 | 2754 | 77.8 |
| AXIS | 4916NR | RR2/STS | 4.9 | 7-Oct | 2.7 | 45 | 6 | 2.7 | 2708 | 77.1 |
| Mycogen Seeds | 5N479R2 | RR2Y | 4.7 | 7-Oct | 2.7 | 41 | 2 | 4.0 | 2791 | 75.8 |
| Channel | 4806R2/STS | RR2Y/STS | 4.8 | 9-Oct | 2.2 | 45 | 5 | 3.0 | 2651 | 75.5 |
| T.A. Seeds | TS4869R2S | RR2Y/STS | 4.8 | 2-Oct | 2.5 | 45 | 8 | 2.7 | 2710 | 75.4 |
| AXIS | 4716NRS | RR2/STS | 4.7 | 11-Oct | 2.2 | 42 | 6 | 4.0 | 2587 | 73.6 |
| Asgrow | AG4934 | RR2Y/STS | 4.9 | 9-Oct | 2.5 | 45 | 4 | 3.7 | 2704 | 73.3 |
| Asgrow | AG4835 | RR2Y/STS | 4.8 | 4-Oct | 2.0 | 43 | 1 | 3.0 | 3139 | 72.7 |
| USG | 74A74RS | RR2Y/STS | 4.7 | 15-Oct | 2.2 | 43 | 4 | 4.7 | 2621 | 71.9 |
| USG | Ellis | CONV | 4.9 | 16-Oct | 2.7 | 35 | 1 | 2.3 | 3167 | 71.6 |
| Progeny Ag | P4850RYS | RR2Y/STS | 4.8 | 7-Oct | 3.2 | 39 | 5 | 2.7 | 2720 | 71.6 |
| Growmark FS-HiS | HS47T12 | RR2Y/STS | 4.7 | 7-Oct | 2.3 | 46 | 4 | 3.3 | 2692 | 71.3 |
| Southern States | SS4725NSR2 | RR2Y/STS | 4.7 | 4-Oct | 2.5 | 44 | 6 | 3.3 | 2683 | 70.7 |
| Hubner Seed | H48-13 | RR2Y/SR | 4.8 | 10-Oct | 2.2 | 42 | 5 | 3.5 | 2727 | 70.4 |
| Doebler's | RPMD4715RR | RR | 4.7 | 25-Sep | 2.5 | 40 | 1 | 4.0 | 2759 | 70.4 |
| Southern States | SS4714NSR2 | RR2Y/STS | 4.7 | 7-Oct | 2.0 | 40 | 4 | 4.0 | 2682 | 69.3 |
| Stine | 49LD02 | LL | 4.9 | 16-Oct | 3.0 | 44 | 2 | 1.7 | 2923 | 69.2 |
| Virginia Tech | V09-0610 | STS | 4.7 | 12-Oct | 3.2 | 33 | 3 | 2.0 | 2369 | 69.0 |
| Pioneer | P49T80R | RR | 4.9 | 12-Oct | 2.3 | 41 | 8 | 3.7 | 2638 | 68.4 |
| HBK | LL4953 | LL | 4.9 | 14-Oct | 2.8 | 43 | 3 | 1.7 | 3035 | 67.4 |
| Southern States | SS4917NR2 | RR2Y | 4.9 | 30-Sep | 2.5 | 40 | 5 | 4.3 | 2688 | 67.1 |
| Terral Seed | REV47R34 | RR | 4.7 | 25-Sep | 3.5 | 43 | 5 | 4.0 | 2946 | 67.1 |
| NK | S48-P4 | RR2Y/STS | 4.8 | 25-Sep | 1.8 | 46 | 0 | 2.7 | 2776 | 66.5 |
| Progeny Ag | P4757RY | RR2Y | 4.7 | 5-Oct | 2.7 | 42 | 5 | 3.3 | 2699 | 66.3 |
| Progeny Ag | P4900RY | RR2Y | 4.9 | 14-Oct | 2.0 | 34 | 4 | 3.0 | 2495 | 65.9 |
| Dyna-Gro | S48RS53 | RR2Y/STS | 4.8 | 7-Oct | 2.3 | 43 | 8 | 2.3 | 2742 | 65.3 |
| HBK | LL4950 | LL | 4.9 | 18-Oct | 3.7 | 45 | 1 | 2.0 | 2948 | 64.6 |
| Southern Harvest | SH4913 LL | LL | 4.9 | 15-Oct | 2.7 | 45 | 4 | 2.3 | 2757 | 64.4 |
| USG | 74D95RS | RR2Y/STS | 4.9 | 15-Oct | 2.7 | 44 | 2 | 2.0 | 2482 | 64.3 |
| Dyna-Gro | S49RY25 | RR2Y | 4.9 | 7-Oct | 2.8 | 46 | 7 | 2.3 | 2713 | 64.1 |
| Terral Seed | REV49R94 | RR | 4.9 | 7-Oct | 3.7 | 42 | 5 | 4.0 | 2787 | 63.6 |
| CZ | 4748LL | LL | 4.7 | 4-Oct | 2.5 | 41 | 6 | 4.0 | 2693 | 63.1 |
| Mid-Atlantic | MA4722RR2/STS | RR2Y/STS | 4.7 | 9-Oct | 3.5 | 36 | 6 | 3.7 | 2722 | 62.9 |
| CZ | 4959RY | RR2Y | 4.9 | 7-Oct | 2.2 | 41 | 5 | 4.0 | 2667 | 62.6 |
| Progeny Ag | P4788RY | RR2Y | 4.7 | 27-Sep | 1.5 | 43 | 3 | 4.0 | 2278 | 62.5 |
| Growmark FS-HiS | HS49T14 | RR2Y/STS | 4.9 | 9-Oct | 3.5 | 38 | 5 | 2.3 | 2734 | 61.4 |
| CZ | 4818 LL | LL | 4.8 | 27-Sep | 2.7 | 44 | 1 | 3.7 | 3044 | 60.4 |
| USG | 74B83RS | RR2Y/STS | 4.8 | 11-Oct | 3.2 | 34 | 5 | 3.0 | 2874 | 60.1 |
| Stine | 47RF32 | RR2Y | 4.7 | 23-Sep | 1.5 | 36 | 3 | 3.7 | 2791 | 59.6 |
| Virginia Tech | V11-2149 | CONV | 4.7 | 23-Sep | 2.7 | 35 | 3 | 4.3 | 2998 | 56.4 |
| Pioneer | P48T53R | RR | 4.8 | 23-Sep | 2.3 | 39 | 2 | 4.3 | 2906 | 54.2 |
| Virginia Tech | V11-2263 | CONV | 4.7 | 27-Sep | 2.3 | 34 | 1 | 4.3 | 2982 | 54.1 |
| University of Ark | R09-1589 | CONV | 4.9 | 21-Oct | 3.7 | 36 | 4 | 3.0 | 2803 | 53.6 |
| HBK | LL4653 | LL | 4.6 | 2-Oct | 2.8 | 36 | 1 | 4.0 | 3003 | 47.6 |
| CZ | 4044LL | LL | 4.0 | 23-Sep | 3.7 | 38 | 0 | 4.7 | 2892 | 46.4 |
| LSD P=.10 | | | | 6.78 | 1.0 | 4 | 4 | 1.2 | 152 | 8.1 |
| CV | | | | 13.69 | 27.7 | 7 | 68 | 27.7 | 4 | 8.9 |
| Grand Mean | | | | 6-Oct | 2.6 | 41 | 4 | 3.3 | 2764 | 66.3 |

Table 4e. Performance of Full-Season Late Maturity Group IV Entries at Warsaw, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | |
|------------------------|---------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | Yield (Bu/A) |
| Doebler's | RPMDDB4715RR | RR | 4.7 | 23-Sep | 1.7 | 46 | 2 | 2.0 | 3363 | 58.9 |
| Southern States | SS4915NSR2 | RR2Y/STS | 4.9 | 30-Sep | 2.1 | 52 | 6 | 2.0 | 3773 | 57.9 |
| Progeny Ag | P4850RYS | RR2Y/STS | 4.8 | 30-Sep | 1.8 | 49 | 3 | 2.0 | 3340 | 57.0 |
| CZ | 4044LL | LL | 4.0 | 16-Sep | 1.4 | 40 | 1 | 2.0 | 3190 | 56.5 |
| CZ | 4748LL | LL | 4.7 | 23-Sep | 1.7 | 40 | 3 | 2.0 | 3575 | 56.5 |
| AXIS | 4716NRS | RR2/STS | 4.7 | 26-Sep | 1.9 | 47 | 3 | 2.0 | 3497 | 56.3 |
| HBK | LL4653 | LL | 4.6 | 20-Sep | 1.9 | 42 | 1 | 2.0 | 3847 | 55.9 |
| USG | Ellis | CONV | 4.9 | 9-Oct | 2.7 | 38 | 5 | 2.0 | 3966 | 55.8 |
| HBK | LL4950 | LL | 4.9 | 11-Oct | 2.0 | 49 | 6 | 2.3 | 3340 | 55.4 |
| Growmark FS-HiSoy | HS47T12 | RR2Y/STS | 4.7 | 26-Sep | 1.8 | 49 | 3 | 2.0 | 3814 | 55.0 |
| Terral Seed | REV47R34 | RR | 4.7 | 23-Sep | 3.3 | 53 | 1 | 2.0 | 3897 | 54.6 |
| Progeny Ag | P4757RY | RR2Y | 4.7 | 25-Sep | 2.4 | 47 | 3 | 2.0 | 3672 | 54.2 |
| University of Arkansas | R09-1589 | CONV | 4.9 | 5-Oct | 3.0 | 41 | 2 | 2.0 | 3325 | 53.8 |
| USG | 74K95RS | RR2Y/STS | 4.9 | 30-Sep | 1.9 | 49 | 5 | 2.7 | 3816 | 53.4 |
| AXIS | 4916NR | RR2/STS | 4.9 | 30-Sep | 2.0 | 49 | 3 | 2.0 | 3723 | 53.1 |
| Asgrow | AG4835 | RR2Y/STS | 4.8 | 28-Sep | 1.9 | 48 | 2 | 2.0 | 4257 | 52.8 |
| Terral Seed | REV49R94 | RR | 4.9 | 24-Sep | 1.8 | 45 | 4 | 2.0 | 3870 | 52.7 |
| CZ | 4959RY | RR2Y | 4.9 | 30-Sep | 1.7 | 43 | 6 | 3.0 | 3399 | 52.4 |
| Stine | 47RF32 | RR2Y | 4.7 | 20-Sep | 1.5 | 43 | 2 | 2.0 | 3858 | 52.2 |
| Channel | 4806R2/STS | RR2Y/STS | 4.8 | 26-Sep | 1.7 | 49 | 5 | 2.0 | 3905 | 51.1 |
| Asgrow | AG4934 | RR2Y/STS | 4.9 | 1-Oct | 1.8 | 49 | 6 | 2.3 | 3664 | 51.1 |
| Southern States | SS4725NSR2 | RR2Y/STS | 4.7 | 25-Sep | 2.0 | 47 | 6 | 2.0 | 3716 | 50.9 |
| Southern States | SS4714NSR2 | RR2Y/STS | 4.7 | 25-Sep | 1.7 | 45 | 2 | 2.3 | 3701 | 50.8 |
| Virginia Tech | V11-2149 | CONV | 4.7 | 17-Sep | 1.6 | 41 | 0 | 2.7 | 3995 | 50.7 |
| Virginia Tech | V09-0610 | STS | 4.7 | 1-Oct | 2.4 | 44 | 3 | 2.3 | 3397 | 50.4 |
| Pioneer | P49T80R | RR | 4.9 | 23-Sep | 1.9 | 48 | 6 | 2.0 | 3795 | 50.3 |
| USG | 74B83RS | RR2Y/STS | 4.8 | 2-Oct | 2.8 | 45 | 8 | 2.7 | 3708 | 50.1 |
| Mycogen Seeds | 5N479R2 | RR2Y | 4.7 | 28-Sep | 1.9 | 47 | 6 | 3.0 | 3787 | 49.9 |
| HBK | LL4953 | LL | 4.9 | 10-Oct | 1.7 | 44 | 6 | 2.7 | 3616 | 49.9 |
| Pioneer | P48T53R | RR | 4.8 | 20-Sep | 1.5 | 40 | 1 | 2.0 | 4020 | 49.7 |
| Dyna-Gro | S49RY25 | RR2Y | 4.9 | 28-Sep | 1.6 | 45 | 6 | 3.0 | 3797 | 49.5 |
| CZ | 4818 LL | LL | 4.8 | 25-Sep | 2.4 | 50 | 1 | 2.0 | 3906 | 49.2 |
| USG | 74A74RS | RR2Y/STS | 4.7 | 28-Sep | 2.0 | 45 | 3 | 2.0 | 3681 | 48.7 |
| Southern States | SS4917NR2 | RR2Y | 4.9 | 22-Sep | 1.6 | 42 | 2 | 2.3 | 3532 | 48.5 |
| T.A. Seeds | TS4869R2S | RR2Y/STS | 4.8 | 28-Sep | 1.7 | 47 | 5 | 2.0 | 4067 | 47.1 |
| Virginia Tech | V11-2263 | CONV | 4.7 | 18-Sep | 1.3 | 36 | 2 | 2.0 | 3623 | 46.9 |
| NK | S48-P4 | RR2Y/STS | 4.8 | 21-Sep | 1.9 | 48 | 0 | 2.0 | 3747 | 46.8 |
| Hubner Seed | H48-13 | RR2Y/SR | 4.8 | 15-Sep | 1.4 | 35 | 2 | 2.5 | 3178 | 46.6 |
| Progeny Ag | P4788RY | RR2Y | 4.7 | 22-Sep | 1.5 | 43 | 2 | 2.3 | 3331 | 46.5 |
| Progeny Ag | P4900RY | RR2Y | 4.9 | 25-Sep | 1.6 | 41 | 2 | 2.0 | 3358 | 45.9 |
| USG | 74D95RS | RR2Y/STS | 4.9 | 25-Sep | 1.7 | 43 | 5 | 2.7 | 3359 | 45.5 |
| Dyna-Gro | S48RS53 | RR2Y/STS | 4.8 | 28-Sep | 1.7 | 45 | 5 | 2.0 | 4027 | 45.4 |
| Stine | 49LD02 | LL | 4.9 | 7-Oct | 1.6 | 42 | 7 | 2.0 | 3765 | 44.7 |
| Growmark FS-HiSoy | HS49T14 | RR2Y/STS | 4.9 | 29-Sep | 2.2 | 44 | 6 | 2.0 | 4008 | 43.9 |
| Mid-Atlantic | MA4722RR2/STS | RR2Y/STS | 4.7 | 29-Sep | 1.7 | 42 | 3 | 2.7 | 4007 | 42.0 |
| Southern Harvest | SH4913 LL | LL | 4.9 | 8-Oct | 1.6 | 47 | 6 | 2.3 | 3903 | 42.0 |
| LSD P=.10 | | | | 3.22 | 0.5 | 4 | 3 | 0.4 | 258 | 8.6 |
| CV | | | | 8.8 | 19.1 | 6 | 60 | 13.7 | 5 | 12.5 |
| Grand Mean | | | | 26-Sep | 1.9 | 45 | 4 | 2.2 | 3687 | 50.7 |

Table 4f. Performance of Double-Crop Late Maturity Group IV Entries at Blackstone, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | Yield (Bu/A) |
|------------------|---------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | |
| Southern States | SS4915NSR2 | RR2Y/STS | 4.9 | | 1.0 | 23 | 2 | 2.0 | 2618 | 25.0 |
| HBK | LL4950 | LL | 4.9 | | 1.0 | 22 | 1 | 1.7 | 3149 | 23.9 |
| AXIS | 4716NRS | RR2Y/STS | 4.7 | | 1.0 | 22 | 3 | 2.0 | 2577 | 22.5 |
| Progeny Ag | P4850RYS | RR2Y/STS | 4.8 | | 1.0 | 22 | 1 | 2.0 | 2804 | 22.3 |
| USG | 74K95RS | RR2Y/STS | 4.9 | | 1.0 | 24 | 1 | 2.0 | 2590 | 22.3 |
| NK | S48-P4 | RR2Y/STS | 4.8 | | 1.0 | 22 | 1 | 2.0 | 2816 | 22.1 |
| Southern Harvest | SH4913LL | LL | 4.9 | | 1.0 | 21 | 1 | 2.0 | 3103 | 21.1 |
| Asgrow | AG4934 | RR2Y/STS | 4.9 | | 1.0 | 21 | 0 | 2.0 | 2643 | 20.4 |
| AXIS | 4916NR | RR2Y/STS | 4.9 | | 1.0 | 21 | 2 | 1.7 | 2822 | 19.5 |
| Dyna-Gro | S49RY25 | RR2Y | 4.9 | | 1.0 | 19 | 2 | 2.0 | 2856 | 19.0 |
| CZ | 4748 LL | LL | 4.7 | | 1.0 | 20 | 2 | 2.0 | 2651 | 18.9 |
| CZ | 4959RY | RR2Y | 4.9 | | 1.0 | 19 | 2 | 2.0 | 2646 | 18.7 |
| Southern States | SS4725NSR2 | RR2Y/STS | 4.7 | | 1.0 | 20 | 6 | 2.0 | 2689 | 18.5 |
| Pioneer | P49T80R | RR | 4.9 | | 1.0 | 21 | 0 | 2.0 | 2848 | 18.4 |
| Terral Seed | REV49R94 | RR | 4.9 | | 1.0 | 22 | 2 | 2.0 | 2934 | 18.2 |
| Asgrow | AG4835 | RR2Y/STS | 4.8 | | 1.0 | 21 | 1 | 2.0 | 3051 | 17.9 |
| USG | Ellis | CONV | 4.9 | | 1.0 | 19 | 1 | 2.0 | 4079 | 17.8 |
| Southern States | SS4714NSR2 | RR2Y/STS | 4.7 | | 1.0 | 22 | 1 | 2.0 | 2512 | 17.3 |
| HBK | LL4953 | LL | 4.9 | | 1.0 | 26 | 0 | 2.0 | 3570 | 17.3 |
| Channel | 4806R2/STS | RR2Y/STS | 4.8 | | 1.0 | 21 | 4 | 2.0 | 2757 | 16.8 |
| USG | 74D95RS | RR2Y/STS | 4.9 | | 1.0 | 17 | 4 | 1.3 | 2635 | 16.6 |
| Southern States | SS4917NR2 | RR2Y | 4.9 | | 1.0 | 21 | 0 | 2.0 | 2441 | 16.3 |
| Terral Seed | REV47R34 | RR | 4.7 | | 1.0 | 22 | 1 | 2.0 | 2778 | 16.2 |
| USG | 74A74RS | RR2Y/STS | 4.7 | | 1.0 | 19 | 1 | 2.0 | 2546 | 15.5 |
| Dyna-Gro | S48RS53 | RR2Y/STS | 4.8 | | 1.0 | 19 | 2 | 2.0 | 2781 | 15.5 |
| Pioneer | P48T53R | RR | 4.8 | | 1.0 | 20 | 1 | 2.0 | 2945 | 15.4 |
| USG | 74B83RS | RR2Y/STS | 4.8 | | 1.0 | 20 | 1 | 2.0 | 2845 | 15.2 |
| Mid-Atlantic | MA4722RR2/STS | RR2Y/STS | 4.7 | | 1.0 | 20 | 1 | 2.0 | 2859 | 14.8 |
| Progeny Ag | P4788RY | RR2Y | 4.7 | | 1.0 | 19 | 4 | 2.0 | 2327 | 14.4 |
| Virginia Tech | V09-0610 | STS | 4.7 | | 1.0 | 19 | 0 | 1.3 | 3072 | 14.1 |
| Virginia Tech | V11-2149 | CONV | 4.7 | | 1.0 | 18 | 3 | 2.0 | 2876 | 13.6 |
| Progeny Ag | P4900RY | RR2Y | 4.9 | | 1.0 | 16 | 1 | 2.0 | 2498 | 12.8 |
| Doebler's | RPMDDB4715RR | RR | 4.7 | | 1.0 | 19 | 0 | 2.0 | 2756 | 12.3 |
| Hubner Seed | H45-16 | RR2Y | 4.5 | | 1.0 | 18 | 1 | 2.0 | 2923 | 11.7 |
| Progeny Ag | P4757RY | RR2Y | 4.7 | | 1.0 | 19 | 2 | 2.3 | 2681 | 11.4 |
| HBK | LL4653 | LL | 4.9 | | 1.0 | 16 | 1 | 2.0 | 3002 | 10.1 |
| Virginia Tech | V11-2263 | CONV | 4.7 | | 1.0 | 17 | 1 | 2.0 | 3259 | 7.5 |
| LSD P=.10 | | | | | 0.0 | 4 | 2 | 0.3 | 243 | 5.5 |
| CV | | | | | 0.0 | 13 | 88 | 10.6 | 6 | 23.7 |
| Grand Mean | | | | | 1.0 | 20 | 2 | 2.0 | 2836 | 17.1 |

Table 4g. Performance of Double-Crop Late Maturity Group IV Entries at Orange, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | Yield (Bu/A) |
|------------------|---------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | |
| Southern States | SS4915NSR2 | RR2Y/STS | 4.9 | 13-Oct | 1.2 | 48 | 2 | 2.0 | 3257 | 44.7 |
| Asgrow | AG4934 | RR2Y/STS | 4.9 | 13-Oct | 1.0 | 43 | 3 | 2.0 | 3055 | 44.4 |
| Hubner Seed | H45-16 | RR2Y | 4.5 | 1-Oct | 1.7 | 42 | 2 | 3.0 | 3306 | 43.7 |
| AXIS | 4716NRS | RR2Y/STS | 4.7 | 11-Oct | 1.7 | 45 | 3 | 2.0 | 3055 | 43.6 |
| Dyna-Gro | S48RS53 | RR2Y/STS | 4.8 | 13-Oct | 1.5 | 45 | 5 | 1.7 | 3229 | 43.2 |
| Progeny Ag | P4788RY | RR2Y | 4.7 | 3-Oct | 1.5 | 43 | 7 | 3.0 | 2918 | 42.7 |
| USG | 74A74RS | RR2Y/STS | 4.7 | 11-Oct | 1.2 | 43 | 5 | 2.0 | 3110 | 42.2 |
| USG | Ellis | CONV | 4.9 | | 2.7 | 41 | 2 | 1.0 | 3692 | 41.9 |
| Pioneer | P49T80R | RR | 4.9 | 11-Oct | 1.2 | 49 | 4 | 2.0 | 3542 | 41.7 |
| CZ | 4748 LL | LL | 4.7 | 10-Oct | 1.0 | 40 | 4 | 3.0 | 3411 | 41.7 |
| HBK | LL4950 | LL | 4.9 | | 1.0 | 47 | 0 | 2.7 | 3047 | 41.7 |
| Channel | 4806R2/STS | RR2Y/STS | 4.8 | 12-Oct | 1.3 | 44 | 3 | 2.0 | 3233 | 41.2 |
| AXIS | 4916NR | RR2Y/STS | 4.9 | 13-Oct | 1.2 | 45 | 2 | 2.0 | 3274 | 40.9 |
| USG | 74D95RS | RR2Y/STS | 4.9 | 11-Oct | 1.5 | 44 | 3 | 2.3 | 3201 | 40.9 |
| USG | 74K95RS | RR2Y/STS | 4.9 | 13-Oct | 1.5 | 47 | 0 | 2.0 | 3405 | 40.8 |
| Southern States | SS4725NSR2 | RR2Y/STS | 4.7 | 10-Oct | 1.3 | 47 | 3 | 2.0 | 3412 | 40.6 |
| Asgrow | AG4835 | RR2Y/STS | 4.8 | 13-Oct | 1.8 | 46 | 1 | 1.3 | 3670 | 40.4 |
| Southern States | SS4917NR2 | RR2Y | 4.9 | 7-Oct | 1.2 | 40 | 2 | 2.3 | 3075 | 40.0 |
| Pioneer | P48T53R | RR | 4.8 | 25-Sep | 2.3 | 41 | 1 | 2.0 | 3550 | 39.7 |
| Progeny Ag | P4757RY | RR2Y | 4.7 | 10-Oct | 2.5 | 42 | 4 | 2.3 | 3348 | 39.3 |
| Southern Harvest | SH4913LL | LL | 4.9 | | 1.2 | 45 | 1 | 1.7 | 3024 | 39.3 |
| Dyna-Gro | S49RY25 | RR2Y | 4.9 | 10-Oct | 1.5 | 45 | 3 | 2.3 | 3388 | 39.2 |
| Terral Seed | REV49R94 | RR | 4.9 | 4-Oct | 1.0 | 42 | 2 | 2.0 | 3482 | 39.1 |
| Southern States | SS4714NSR2 | RR2Y/STS | 4.7 | 8-Oct | 1.5 | 43 | 4 | 2.0 | 3315 | 39.0 |
| USG | 74B83RS | RR2Y/STS | 4.8 | 13-Oct | 1.5 | 40 | 2 | 2.0 | 3083 | 39.0 |
| Progeny Ag | P4850RYS | RR2Y/STS | 4.8 | 13-Oct | 1.2 | 48 | 4 | 2.0 | 3298 | 38.8 |
| NK | S48-P4 | RR2Y/STS | 4.8 | 9-Oct | 2.7 | 49 | 3 | 2.0 | 3306 | 38.1 |
| Mid-Atlantic | MA4722RR2/STS | RR2Y/STS | 4.7 | 13-Oct | 1.2 | 39 | 2 | 2.0 | 3131 | 38.1 |
| Doebler's | RPMDDB4715RR | RR | 4.7 | 4-Oct | 1.3 | 44 | 2 | 2.0 | 3334 | 37.7 |
| Terral Seed | REV47R34 | RR | 4.7 | 8-Oct | 2.5 | 44 | 4 | 2.0 | 3448 | 37.3 |
| CZ | 4959RY | RR2Y | 4.9 | 7-Oct | 1.0 | 42 | 3 | 2.0 | 3056 | 35.6 |
| Virginia Tech | V09-0610 | STS | 4.7 | 13-Oct | 3.3 | 44 | 0 | 2.0 | 2793 | 34.9 |
| HBK | LL4953 | LL | 4.9 | | 1.8 | 39 | 0 | 1.0 | 2901 | 34.0 |
| Progeny Ag | P4900RY | RR2Y | 4.9 | 7-Oct | 1.2 | 43 | 1 | 3.0 | 3283 | 33.5 |
| Virginia Tech | V11-2263 | CONV | 4.7 | 25-Sep | 1.2 | 37 | 1 | 2.0 | 3440 | 33.3 |
| HBK | LL4653 | LL | 4.9 | 28-Sep | 1.2 | 40 | 3 | 2.0 | 3560 | 31.8 |
| Virginia Tech | V11-2149 | CONV | 4.7 | 23-Sep | 1.2 | 42 | 2 | 2.0 | 3874 | 29.6 |
| LSD P=.10 | | | | 4.87 | 0.5 | 5 | 2 | 0.4 | 194 | 4.3 |
| CV | | | | 9.33 | 25.6 | 8 | 56 | 12.6 | 4 | 8.1 |
| Grand Mean | | | | 8-Oct | 1.5 | 43 | 3 | 2.1 | 3284 | 39.3 |

Table 4h. Performance of Double-Crop Late Maturity Group IV Entries at Painter, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | Yield (Bu/A) |
|------------------|---------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | |
| USG | 74K95RS | RR2Y/STS | 4.9 | 31-Oct | 1.0 | 28 | 2 | 2.0 | 2904 | 44.6 |
| CZ | 4748 LL | LL | 4.7 | 1-Nov | 1.0 | 28 | 1 | 2.0 | 2771 | 43.5 |
| Dyna-Gro | S48RS53 | RR2Y/STS | 4.8 | 31-Oct | 1.0 | 30 | 2 | 2.3 | 2806 | 43.3 |
| Southern States | SS4915NSR2 | RR2Y/STS | 4.9 | 31-Oct | 1.0 | 31 | 1 | 2.0 | 2826 | 41.6 |
| USG | 74A74RS | RR2Y/STS | 4.7 | 31-Oct | 1.0 | 27 | 1 | 2.0 | 3000 | 41.5 |
| Dyna-Gro | S49RY25 | RR2Y | 4.9 | 31-Oct | 1.0 | 31 | 0 | 2.0 | 2948 | 41.4 |
| AXIS | 4716NRS | RR2Y/STS | 4.7 | 30-Oct | 1.0 | 28 | 1 | 2.0 | 2747 | 41.2 |
| Asgrow | AG4835 | RR2Y/STS | 4.8 | 31-Oct | 1.0 | 24 | 0 | 2.0 | 3323 | 41.1 |
| Terral Seed | REV49R94 | RR | 4.9 | 30-Oct | 1.0 | 28 | 0 | 2.0 | 3106 | 40.9 |
| CZ | 4959RY | RR2Y | 4.9 | 30-Oct | 1.0 | 26 | 1 | 2.0 | 2666 | 40.9 |
| HBK | LL4950 | LL | 4.9 | 3-Nov | 1.0 | 32 | 1 | 2.3 | 2936 | 40.9 |
| Southern States | SS4917NR2 | RR2Y | 4.9 | 26-Oct | 1.3 | 24 | 0 | 2.0 | 2688 | 40.6 |
| Progeny Ag | P4757RY | RR2Y | 4.7 | 31-Oct | 1.0 | 26 | 0 | 2.0 | 2672 | 39.8 |
| Pioneer | P49T80R | RR | 4.9 | 31-Oct | 1.0 | 28 | 0 | 2.0 | 3041 | 39.7 |
| Southern States | SS4714NSR2 | RR2Y/STS | 4.7 | 30-Oct | 1.0 | 28 | 1 | 2.0 | 2725 | 39.6 |
| Southern Harvest | SH4913LL | LL | 4.9 | 3-Nov | 1.0 | 29 | 1 | 2.0 | 2888 | 39.6 |
| Virginia Tech | V09-0610 | STS | 4.7 | 31-Oct | 1.0 | 28 | 0 | 2.0 | 2811 | 39.4 |
| Progeny Ag | P4900RY | RR2Y | 4.9 | 31-Oct | 1.0 | 25 | 0 | 2.0 | 2982 | 39.4 |
| Southern States | SS4725NSR2 | RR2Y/STS | 4.7 | 30-Oct | 1.0 | 29 | 3 | 2.0 | 2869 | 39.2 |
| NK | S48-P4 | RR2Y/STS | 4.8 | 30-Oct | 1.0 | 32 | 0 | 2.0 | 2881 | 38.9 |
| USG | Ellis | CONV | 4.9 | 1-Nov | 1.0 | 27 | 1 | 2.0 | 3830 | 38.4 |
| Hubner Seed | H45-16 | RR2Y | 4.5 | 28-Oct | 1.0 | 25 | 0 | 2.0 | 3208 | 38.1 |
| Mid-Atlantic | MA4722RR2/STS | RR2Y/STS | 4.7 | 31-Oct | 1.0 | 24 | 1 | 2.3 | 2943 | 38.1 |
| Asgrow | AG4934 | RR2Y/STS | 4.9 | 1-Nov | 1.0 | 28 | 1 | 2.0 | 2797 | 37.9 |
| USG | 74B83RS | RR2Y/STS | 4.8 | 1-Nov | 1.0 | 23 | 1 | 2.0 | 2898 | 37.8 |
| Pioneer | P48T53R | RR | 4.8 | 30-Oct | 1.0 | 25 | 0 | 2.0 | 3097 | 37.7 |
| Channel | 4806R2/STS | RR2Y/STS | 4.8 | 31-Oct | 1.0 | 28 | 5 | 2.3 | 2987 | 37.1 |
| Virginia Tech | V11-2149 | CONV | 4.7 | 25-Oct | 1.0 | 25 | 0 | 2.0 | 3095 | 37.1 |
| AXIS | 4916NR | RR2Y/STS | 4.9 | 1-Nov | 1.0 | 29 | 2 | 2.0 | 2911 | 37.1 |
| Progeny Ag | P4850RYS | RR2Y/STS | 4.8 | 1-Nov | 1.0 | 28 | 5 | 2.0 | 2936 | 36.7 |
| HBK | LL4953 | LL | 4.9 | 8-Nov | 1.0 | 26 | 1 | 2.0 | 3061 | 36.5 |
| Doebler's | RPMD4715RR | RR | 4.7 | 24-Oct | 1.0 | 25 | 1 | 2.0 | 2936 | 35.9 |
| Progeny Ag | P4788RY | RR2Y | 4.7 | 25-Oct | 1.0 | 26 | 1 | 2.0 | 2500 | 34.9 |
| Virginia Tech | V11-2263 | CONV | 4.7 | 24-Oct | 1.0 | 24 | 0 | 2.0 | 3057 | 34.4 |
| Terral Seed | REV47R34 | RR | 4.7 | 22-Oct | 1.0 | 29 | 0 | 2.0 | 3378 | 34.1 |
| HBK | LL4653 | LL | 4.9 | 31-Oct | 1.0 | 24 | 1 | 2.0 | 2988 | 33.4 |
| USG | 74D95RS | RR2Y/STS | 4.9 | 1-Nov | 1.0 | 25 | 3 | 2.0 | 2696 | 31.9 |
| LSD P=.10 | | | | 3.04 | 0.1 | 4 | 2 | 0.3 | 151 | 5.6 |
| CV | | | | 3.69 | 9.4 | 10 | 116 | 9.2 | 4 | 10.7 |
| Grand Mean | | | | 30-Oct | 1.0 | 27 | 1 | 2.0 | 2943 | 38.8 |

Table 4i. Performance of Double-Crop Late Maturity Group IV Entries at Suffolk, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | Yield (Bu/A) |
|------------------|---------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | |
| Southern Harvest | SH4913LL | LL | 4.9 | 28-Oct | 1.0 | 33 | 0 | 3.0 | 3321 | 58.8 |
| Southern States | SS4915NSR2 | RR2Y/STS | 4.9 | 26-Oct | 1.0 | 30 | 1 | 3.0 | 2844 | 57.7 |
| Progeny Ag | P4850RYS | RR2Y/STS | 4.8 | 25-Oct | 1.0 | 32 | 0 | 3.0 | 2869 | 57.2 |
| Asgrow | AG4934 | RR2Y/STS | 4.9 | 23-Oct | 1.0 | 32 | 1 | 3.0 | 2798 | 56.0 |
| AXIS | 4916NR | RR2Y/STS | 4.9 | 26-Oct | 1.0 | 31 | 0 | 3.0 | 2898 | 55.6 |
| Dyna-Gro | S48RS53 | RR2Y/STS | 4.8 | 25-Oct | 1.2 | 33 | 0 | 3.0 | 2933 | 55.1 |
| Mid-Atlantic | MA4722RR2/STS | RR2Y/STS | 4.7 | 23-Oct | 1.0 | 29 | 0 | 3.0 | 2844 | 55.0 |
| HBK | LL4950 | LL | 4.9 | 30-Oct | 1.0 | 31 | 0 | 3.0 | 3266 | 54.6 |
| Dyna-Gro | S49RY25 | RR2Y | 4.9 | 25-Oct | 1.0 | 26 | 0 | 3.0 | 2730 | 53.8 |
| Virginia Tech | V09-0610 | STS | 4.7 | 24-Oct | 1.5 | 28 | 0 | 3.0 | 2683 | 53.6 |
| USG | Ellis | CONV | 4.9 | 24-Oct | 1.3 | 28 | 0 | 3.0 | 3588 | 53.4 |
| Southern States | SS4714NSR2 | RR2Y/STS | 4.7 | 24-Oct | 1.2 | 30 | 0 | 2.0 | 2570 | 53.3 |
| CZ | 4748 LL | LL | 4.7 | 21-Oct | 1.0 | 30 | 1 | 4.0 | 2928 | 53.0 |
| USG | 74K95RS | RR2Y/STS | 4.9 | 24-Oct | 1.0 | 32 | 0 | 3.0 | 2980 | 52.6 |
| Southern States | SS4725NSR2 | RR2Y/STS | 4.7 | 23-Oct | 1.0 | 30 | 0 | 3.0 | 2850 | 51.7 |
| Asgrow | AG4835 | RR2Y/STS | 4.8 | 23-Oct | 1.0 | 29 | 0 | 3.0 | 3167 | 51.7 |
| Progeny Ag | P4757RY | RR2Y | 4.7 | 21-Oct | 1.0 | 31 | 2 | 3.0 | 2714 | 51.4 |
| Terral Seed | REV49R94 | RR | 4.9 | 23-Oct | 1.2 | 31 | 0 | 3.0 | 2911 | 51.0 |
| AXIS | 4716NRS | RR2Y/STS | 4.7 | 25-Oct | 1.2 | 30 | 0 | 3.0 | 2625 | 50.9 |
| Progeny Ag | P4788RY | RR2Y | 4.7 | 21-Oct | 1.0 | 30 | 2 | 3.0 | 2318 | 50.9 |
| Channel | 4806R2/STS | RR2Y/STS | 4.8 | 23-Oct | 1.0 | 30 | 0 | 3.0 | 2827 | 50.4 |
| USG | 74B83RS | RR2Y/STS | 4.8 | 26-Oct | 1.0 | 29 | 1 | 3.0 | 2846 | 49.8 |
| USG | 74D95RS | RR2Y/STS | 4.9 | 25-Oct | 1.0 | 31 | 0 | 3.0 | 2510 | 49.7 |
| HBK | LL4953 | LL | 4.9 | 29-Oct | 1.2 | 28 | 0 | 3.0 | 3097 | 49.4 |
| USG | 74A74RS | RR2Y/STS | 4.7 | 23-Oct | 1.0 | 30 | 1 | 3.0 | 2651 | 49.1 |
| Virginia Tech | V11-2149 | CONV | 4.7 | 17-Oct | 1.0 | 30 | 1 | 4.0 | 3008 | 49.0 |
| CZ | 4959RY | RR2Y | 4.9 | 23-Oct | 1.0 | 27 | 1 | 3.0 | 2731 | 48.2 |
| Progeny Ag | P4900RY | RR2Y | 4.9 | 23-Oct | 1.0 | 28 | 0 | 3.0 | 2429 | 47.0 |
| Pioneer | P49T80R | RR | 4.9 | 23-Oct | 1.0 | 28 | 0 | 3.0 | 2857 | 46.5 |
| Hubner Seed | H45-16 | RR2Y | 4.5 | 16-Oct | 1.0 | 31 | 0 | 3.0 | 3176 | 46.4 |
| NK | S48-P4 | RR2Y/STS | 4.8 | 22-Oct | 1.0 | 30 | 1 | 3.0 | 2719 | 46.0 |
| Terral Seed | REV47R34 | RR | 4.7 | 15-Oct | 1.0 | 27 | 0 | 3.0 | 3315 | 45.6 |
| Doebler's | RPMDDB4715RR | RR | 4.7 | 21-Oct | 1.0 | 27 | 0 | 3.0 | 2666 | 43.6 |
| Pioneer | P48T53R | RR | 4.8 | 14-Oct | 1.0 | 27 | 1 | 3.0 | 3007 | 42.3 |
| Southern States | SS4917NR2 | RR2Y | 4.9 | 18-Oct | 1.0 | 27 | 0 | 3.0 | 2666 | 41.9 |
| Virginia Tech | V11-2263 | CONV | 4.7 | 15-Oct | 1.0 | 28 | 5 | 3.0 | 2958 | 39.9 |
| HBK | LL4653 | LL | 4.9 | 18-Oct | 1.0 | 27 | 1 | 3.0 | 3062 | 38.0 |
| LSD P=.10 | | | | 3.35 | 0.2 | 3 | 1 | 0.0 | 122 | 5.7 |
| CV | | | | 4.66 | 15.3 | 7 | 146 | 0.0 | 3 | 8.3 |
| Grand Mean | | | | 22-Oct | 1.0 | 29 | 1 | 3.0 | 2875 | 50.3 |

Table 4j. Performance of Double-Crop Late Maturity Group IV Entries at Warsaw, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | |
|------------------|---------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | Yield (Bu/A) |
| Dyna-Gro | S48RS53 | RR2Y/STS | 4.8 | 28-Oct | 2.0 | 35 | 1 | 1.0 | 3063 | 68.8 |
| Progeny Ag | P4850RYS | RR2Y/STS | 4.8 | 28-Oct | 1.7 | 37 | 0 | 1.0 | 3041 | 65.6 |
| USG | 74K95RS | RR2Y/STS | 4.9 | 24-Oct | 1.7 | 35 | 0 | 1.0 | 3068 | 64.8 |
| USG | Ellis | CONV | 4.9 | 28-Oct | 2.2 | 33 | 0 | 1.0 | 3886 | 64.5 |
| USG | 74D95RS | RR2Y/STS | 4.9 | 28-Oct | 1.6 | 32 | 0 | 1.0 | 2627 | 63.4 |
| Dyna-Gro | S49RY25 | RR2Y | 4.9 | 25-Oct | 1.5 | 34 | 0 | 1.0 | 2971 | 62.9 |
| NK | S48-P4 | RR2Y/STS | 4.8 | 21-Oct | 1.8 | 37 | 1 | 1.0 | 2976 | 62.8 |
| AXIS | 4716NRS | RR2Y/STS | 4.7 | 22-Oct | 1.7 | 32 | 0 | 1.0 | 2703 | 62.4 |
| Southern States | SS4915NSR2 | RR2Y/STS | 4.9 | 26-Oct | 1.6 | 36 | 0 | 1.0 | 3040 | 61.7 |
| Terral Seed | REV49R94 | RR | 4.9 | 22-Oct | 1.7 | 32 | 0 | 1.0 | 3075 | 61.6 |
| AXIS | 4916NR | RR2Y/STS | 4.9 | 25-Oct | 1.7 | 36 | 0 | 1.0 | 3073 | 61.2 |
| Asgrow | AG4934 | RR2Y/STS | 4.9 | 24-Oct | 1.7 | 37 | 0 | 1.0 | 2975 | 61.2 |
| HBK | LL4950 | LL | 4.9 | 3-Nov | 1.4 | 33 | 1 | 1.0 | 2974 | 61.2 |
| USG | 74B83RS | RR2Y/STS | 4.8 | 25-Oct | 1.8 | 32 | 0 | 1.0 | 2924 | 60.5 |
| Channel | 4806R2/STS | RR2Y/STS | 4.8 | 25-Oct | 1.6 | 36 | 0 | 1.0 | 3039 | 60.3 |
| Asgrow | AG4835 | RR2Y/STS | 4.8 | 22-Oct | 1.4 | 33 | 0 | 1.0 | 3236 | 60.3 |
| Southern States | SS4714NSR2 | RR2Y/STS | 4.7 | 22-Oct | 1.3 | 31 | 0 | 1.0 | 2844 | 59.2 |
| Southern Harvest | SH4913LL | LL | 4.9 | 2-Nov | 1.4 | 34 | 1 | 1.0 | 3168 | 58.9 |
| Progeny Ag | P4788RY | RR2Y | 4.7 | 18-Oct | 1.5 | 32 | 2 | 1.3 | 2395 | 58.5 |
| Southern States | SS4725NSR2 | RR2Y/STS | 4.7 | 23-Oct | 6.1 | 32 | 0 | 1.0 | 3078 | 58.4 |
| Progeny Ag | P4757RY | RR2Y | 4.7 | 21-Oct | 1.5 | 34 | 0 | 1.0 | 2881 | 58.4 |
| USG | 74A74RS | RR2Y/STS | 4.7 | 25-Oct | 1.8 | 32 | 0 | 1.0 | 2756 | 58.3 |
| Virginia Tech | V09-0610 | STS | 4.7 | 30-Oct | 2.3 | 33 | 0 | 1.0 | 2967 | 57.2 |
| Terral Seed | REV47R34 | RR | 4.7 | 20-Oct | 1.7 | 34 | 0 | 1.0 | 3253 | 56.7 |
| CZ | 4748 LL | LL | 4.7 | 22-Oct | 1.4 | 31 | 0 | 1.0 | 2880 | 56.2 |
| Pioneer | P49T80R | RR | 4.9 | 28-Oct | 1.6 | 35 | 0 | 1.3 | 3217 | 56.1 |
| CZ | 4959RY | RR2Y | 4.9 | 22-Oct | 1.5 | 32 | 0 | 1.0 | 2892 | 55.9 |
| Pioneer | P48T53R | RR | 4.8 | 22-Oct | 1.4 | 30 | 0 | 1.0 | 3299 | 55.7 |
| Mid-Atlantic | MA4722RR2/STS | RR2Y/STS | 4.7 | 26-Oct | 1.6 | 29 | 0 | 1.0 | 3014 | 55.4 |
| Progeny Ag | P4900RY | RR2Y | 4.9 | 22-Oct | 1.4 | 29 | 0 | 1.0 | 2617 | 54.7 |
| Southern States | SS4917NR2 | RR2Y | 4.9 | 20-Oct | 1.7 | 31 | 0 | 1.0 | 2940 | 54.6 |
| Hubner Seed | H45-16 | RR2Y | 4.5 | 20-Oct | 1.7 | 33 | 0 | 1.0 | 3406 | 54.2 |
| Virginia Tech | V11-2149 | CONV | 4.7 | 21-Oct | 1.5 | 30 | 0 | 1.0 | 3356 | 54.1 |
| Doebler's | RPMDDB4715RR | RR | 4.7 | 21-Oct | 1.4 | 30 | 0 | 1.0 | 2942 | 52.1 |
| HBK | LL4653 | LL | 4.9 | 22-Oct | 1.3 | 28 | 0 | 1.0 | 3168 | 48.3 |
| Virginia Tech | V11-2263 | CONV | 4.7 | 20-Oct | 1.4 | 29 | 0 | 1.0 | 3176 | 48.1 |
| HBK | LL4953 | LL | 4.9 | 2-Nov | 2.4 | 28 | 0 | 1.0 | 3364 | 30.2 |
| LSD P=.10 | | | | 2.88 | 1.8 | 3 | 1 | 0.2 | 140 | 6.1 |
| CV | | | | 3.87 | 74.2 | 8 | 264 | 13.3 | 3 | 7.7 |
| Grand Mean | | | | 24-Oct | 1.8 | 33 | 0 | 1.0 | 3035 | 58.0 |

Table 5a. Performance of Full-Season Early Maturity Group V Entries at Blackstone, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | Yield (Bu/A) |
|------------------------|------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | |
| Hubner Seed | H56-16 | RR2Y | 5.6 | | 2.7 | 46 | 3 | 2.0 | 2770 | 68.4 |
| CZ | 5150LL | LL | 5.1 | | 2.7 | 50 | 6 | 2.7 | 3531 | 63.4 |
| Stine | 54LE23 | LL | 5.4 | | 4.3 | 52 | 6 | 2.0 | 3103 | 62.7 |
| Progeny Ag | P5460LL | LL | 5.4 | | 2.5 | 52 | 9 | 2.7 | 3601 | 57.9 |
| USG | 75J45R | RR2Y | 5.4 | | 3.3 | 46 | 5 | 2.3 | 3041 | 57.8 |
| Southern Harvest | SH5215LL | LL | 5.2 | | 2.8 | 51 | 5 | 3.0 | 3309 | 57.7 |
| Progeny Ag | P5213RY | RR2Y | 5.2 | | 2.2 | 57 | 2 | 3.3 | 3576 | 56.5 |
| Virginia Tech | V12-0045R2 | RR2 | 5.3 | | 2.5 | 36 | 7 | 2.7 | 2698 | 55.5 |
| Southern States | SS5215NSR2 | RR2Y/STS | 5.2 | | 3.8 | 49 | 4 | 2.7 | 2943 | 55.3 |
| CZ | 5225LL | LL | 5.2 | | 3.2 | 36 | 4 | 2.0 | 3192 | 55.1 |
| Virginia Tech | V10-1687 | CONV | 5.3 | | 4.0 | 36 | 6 | 2.7 | 3198 | 54.7 |
| Terral Seed | REV51A56 | RR | 5.1 | | 2.7 | 50 | 1 | 3.7 | 3227 | 54.5 |
| USG | 75T40 | RR | 5.4 | | 2.3 | 45 | 5 | 2.7 | 3477 | 54.2 |
| Asgrow | AG5335 | RR2Y/STS | 5.3 | | 1.8 | 48 | 5 | 2.7 | 3401 | 54.2 |
| CZ | 5242LL | LL | 5.2 | | 4.0 | 47 | 7 | 2.3 | 3395 | 53.8 |
| Virginia Tech | V12-0253R2 | RR2 | 5.3 | | 4.2 | 37 | 4 | 3.3 | 3303 | 53.2 |
| University of Arkansas | UA5213C | CONV | 5.2 | | 4.7 | 37 | 6 | 2.5 | 3567 | 53.1 |
| Doebler's | RPMDB5416R | RR | 5.4 | | 3.5 | 47 | 7 | 3.0 | 2974 | 52.9 |
| Southern States | SS5213NR2 | RR2Y | 5.2 | | 3.0 | 44 | 7 | 2.3 | 2968 | 52.9 |
| Virginia Tech | Md99-6626 | CONV | 5.3 | | 3.5 | 42 | 4 | 2.7 | 3218 | 52.8 |
| USG | 75G24L | LL | 5.2 | | 4.0 | 49 | 8 | 2.3 | 3580 | 52.6 |
| Pioneer | P50T15BR | STS/RR | 5.0 | | 3.8 | 49 | 6 | 3.0 | 3167 | 52.5 |
| PUBLIC | GLENN | CONV | 5.6 | | 4.2 | 37 | 5 | 2.7 | 3327 | 52.2 |
| CZ | 5147LL | LL | 5.1 | | 3.0 | 37 | 5 | 2.3 | 3285 | 52.0 |
| University of Arkansas | R09-430 | CONV | 5.0 | | 3.3 | 35 | 6 | 2.7 | 3253 | 51.8 |
| UA | UA5414RR | RR | 5.4 | | 4.2 | 44 | 5 | 2.3 | 3319 | 51.7 |
| Progeny Ag | P5333RY | RR2Y | 5.3 | | 3.5 | 45 | 8 | 2.3 | 3622 | 51.5 |
| University of Arkansas | UA5014C | CONV | 5.0 | | 3.2 | 40 | 3 | 3.0 | 2993 | 50.7 |
| Virginia Tech | V11-0730 | CONV | 5.3 | | 2.3 | 32 | 7 | 2.7 | 3190 | 50.5 |
| CZ | 5445LL | LL | 5.4 | | 2.3 | 36 | 3 | 2.0 | 3111 | 50.5 |
| Progeny Ag | P5226RYS | RR2Y/STS | 5.2 | | 3.5 | 51 | 4 | 3.0 | 3149 | 49.4 |
| Pioneer | P52T50R | RR | 5.2 | | 3.0 | 44 | 3 | 2.3 | 3412 | 49.1 |
| Stine | 51RH00 | RR2Y | 5.1 | | 3.3 | 55 | 3 | 3.3 | 3616 | 47.3 |
| Asgrow | AG5233 | RR2Y/STS | 5.2 | | 3.5 | 49 | 2 | 3.0 | 4207 | 42.9 |
| Progeny Ag | P5414LLS | LL, STS | 5.4 | | 4.2 | 51 | 5 | 3.0 | 3683 | 38.5 |
| LSD P=.10 | | | | | 0.8 | 5 | 4 | 0.7 | 247 | 9.2 |
| CV | | | | | 18.8 | 7 | 58 | 19.8 | 5 | 12.7 |
| Grand Mean | | | | | 3.3 | 45 | 5 | 2.7 | 3297 | 53.4 |

Table 5b. Performance of Full-Season Early Maturity Group V Entries at Orange, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | Yield (Bu/A) |
|------------------------|------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | |
| Southern Harvest | SH5215LL | LL | 5.2 | 11-Oct | 2.8 | 48 | 4 | 3.0 | 3002 | 60.6 |
| Asgrow | AG5335 | RR2Y/STS | 5.3 | 26-Sep | 2.3 | 48 | 2 | 2.0 | 3145 | 60.3 |
| Southern States | SS5215NSR2 | RR2Y/STS | 5.2 | 8-Oct | 3.0 | 49 | 4 | 2.3 | 2896 | 57.1 |
| Virginia Tech | V11-0730 | CONV | 5.3 | 7-Oct | 3.2 | 37 | 1 | 2.3 | 2849 | 56.4 |
| Progeny Ag | P5460LL | LL | 5.4 | 5-Oct | 2.3 | 51 | 4 | 2.0 | 3159 | 55.3 |
| Progeny Ag | P5226RYS | RR2Y/STS | 5.2 | 1-Oct | 2.7 | 47 | 2 | 2.3 | 2816 | 55.1 |
| Stine | 54LE23 | LL | 5.4 | 13-Oct | 3.5 | 45 | 4 | 2.0 | 2964 | 55.0 |
| Stine | 51RH00 | RR2Y | 5.1 | 28-Sep | 2.7 | 51 | 1 | 2.0 | 3242 | 54.9 |
| USG | 75J45R | RR2Y | 5.4 | 13-Oct | 4.0 | 48 | 1 | 2.0 | 2957 | 53.6 |
| Pioneer | P50T15BR | STS/RR | 5.0 | 29-Sep | 3.5 | 42 | 1 | 2.0 | 2882 | 50.6 |
| CZ | 5445LL | LL | 5.4 | 10-Oct | 2.3 | 40 | 1 | 2.0 | 2904 | 50.2 |
| Terral Seed | REV51A56 | RR | 5.1 | 24-Sep | 3.7 | 49 | 1 | 2.3 | 2912 | 49.5 |
| CZ | 5242LL | LL | 5.2 | 11-Oct | 3.0 | 48 | 3 | 2.3 | 2991 | 47.5 |
| USG | 75G24L | LL | 5.2 | 9-Oct | 2.8 | 47 | 2 | 2.3 | 3276 | 47.4 |
| UA | UA5414RR | RR | 5.4 | 10-Oct | 3.7 | 41 | 4 | 2.3 | 3128 | 46.5 |
| PUBLIC | GLENN | CONV | 5.6 | 8-Oct | 4.2 | 39 | 2 | 2.0 | 3258 | 46.5 |
| Progeny Ag | P5213RY | RR2Y | 5.2 | 30-Sep | 2.8 | 55 | 2 | 2.3 | 3449 | 46.1 |
| CZ | 5150LL | LL | 5.1 | 12-Oct | 2.2 | 47 | 3 | 2.7 | 3074 | 45.8 |
| Southern States | SS5213NR2 | RR2Y | 5.2 | 13-Oct | 3.2 | 46 | 2 | 2.3 | 2615 | 45.3 |
| Virginia Tech | V12-0045R2 | RR2 | 5.3 | 13-Oct | 3.3 | 41 | 7 | 2.0 | 2960 | 44.0 |
| Hubner Seed | H56-16 | RR2Y | 5.6 | 12-Oct | 3.3 | 45 | 2 | 1.7 | 2711 | 43.8 |
| Doebler's | RPMD5416R | RR | 5.4 | 13-Oct | 3.0 | 44 | 4 | 2.0 | 2767 | 41.7 |
| Pioneer | P52T50R | RR | 5.2 | 13-Oct | 3.7 | 45 | 3 | 2.0 | 3248 | 41.2 |
| CZ | 5225LL | LL | 5.2 | 6-Oct | 2.2 | 41 | 2 | 2.0 | 2981 | 40.2 |
| Virginia Tech | V12-0253R2 | RR2 | 5.3 | 4-Oct | 3.3 | 41 | 3 | 3.0 | 3216 | 39.9 |
| USG | 75T40 | RR | 5.4 | 13-Oct | 2.8 | 44 | 3 | 2.0 | 2851 | 39.3 |
| Virginia Tech | Md99-6626 | CONV | 5.3 | 6-Oct | 3.0 | 39 | 3 | 2.7 | 3378 | 38.4 |
| Progeny Ag | P5414LLS | LL, STS | 5.4 | 4-Oct | 3.8 | 46 | 5 | 2.0 | 3295 | 38.4 |
| Asgrow | AG5233 | RR2Y/STS | 5.2 | 26-Sep | 3.0 | 44 | 1 | 2.7 | 3599 | 37.8 |
| University of Arkansas | UA5014C | CONV | 5.0 | 5-Oct | 3.7 | 42 | 3 | 2.3 | 2665 | 37.1 |
| University of Arkansas | UA5213C | CONV | 5.2 | 12-Oct | 4.0 | 40 | 2 | 2.0 | 3148 | 36.4 |
| Virginia Tech | V10-1687 | CONV | 5.3 | 30-Sep | 3.7 | 42 | 2 | 2.7 | 3580 | 36.3 |
| University of Arkansas | R09-430 | CONV | 5.0 | 11-Oct | 3.8 | 37 | 4 | 2.0 | 3020 | 32.2 |
| CZ | 5147LL | LL | 5.1 | 10-Oct | 3.5 | 39 | 1 | 2.3 | 2946 | 32.0 |
| Progeny Ag | P5333RY | RR2Y | 5.3 | 12-Oct | 3.8 | 44 | 4 | 2.7 | 3458 | 31.3 |
| LSD P=.10 | | | | 5.52 | 0.9 | 6 | 3 | 0.6 | 395 | 8.7 |
| CV | | | | 10.85 | 19.8 | 10 | 69 | 18.0 | 9 | 13.7 |
| Grand Mean | | | | 7-Oct | 3.2 | 44 | 3 | 2.3 | 3067 | 46.4 |

Table 5c. Performance of Full-Season Early Maturity Group V Entries at Painter, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | Yield (Bu/A) |
|------------------------|------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | |
| CZ | 5225LL | LL | 5.2 | 24-Oct | 1.3 | 29 | 3 | 2.7 | 3329 | 21.4 |
| Virginia Tech | V12-0045R2 | RR2 | 5.3 | 22-Oct | 1.2 | 32 | 4 | 3.0 | 2593 | 20.6 |
| USG | 75J45R | RR2Y | 5.4 | 26-Oct | 1.0 | 35 | 4 | 3.0 | 2987 | 20.1 |
| CZ | 5445LL | LL | 5.4 | | 1.8 | 30 | 3 | 3.0 | 3163 | 19.5 |
| CZ | 5242LL | LL | 5.2 | 1-Nov | 1.0 | 24 | 12 | 3.0 | 3286 | 18.1 |
| CZ | 5147LL | LL | 5.1 | 23-Oct | 1.0 | 28 | 3 | 3.0 | 3028 | 17.7 |
| Asgrow | AG5335 | RR2Y/STS | 5.3 | 21-Oct | 1.0 | 30 | 16 | 4.0 | 3154 | 16.5 |
| University of Arkansas | UA5213C | CONV | 5.2 | 22-Oct | 1.3 | 33 | 4 | 3.0 | 3220 | 15.1 |
| Doebler's | RPMDB5416R | RR | 5.4 | 27-Oct | 1.0 | 36 | 7 | 3.0 | 3075 | 14.9 |
| UA | UA5414RR | RR | 5.4 | 3-Nov | 1.3 | 28 | 12 | 3.0 | 3199 | 14.8 |
| Virginia Tech | Md99-6626 | CONV | 5.3 | 15-Oct | 1.0 | 27 | 7 | 3.0 | 3215 | 14.6 |
| Southern States | SS5213NR2 | RR2Y | 5.2 | 20-Oct | 1.3 | 31 | 17 | 2.3 | 3190 | 14.6 |
| Stine | 54LE23 | LL | 5.4 | 22-Oct | 1.0 | 31 | 8 | 3.0 | 3134 | 14.4 |
| Hubner Seed | H56-16 | RR2Y | 5.6 | 25-Oct | 1.0 | 38 | 6 | 2.7 | 3173 | 14.4 |
| University of Arkansas | R09-430 | CONV | 5.0 | 20-Oct | 1.0 | 28 | 6 | 3.0 | 2999 | 14.0 |
| Terral Seed | REV51A56 | RR | 5.1 | 12-Oct | 1.0 | 33 | 30 | 5.0 | 3083 | 13.7 |
| Pioneer | P52T50R | RR | 5.2 | 21-Oct | 1.0 | 29 | 4 | 3.0 | 3316 | 13.5 |
| Progeny Ag | P5460LL | LL | 5.4 | 14-Oct | 1.0 | 29 | 12 | 3.0 | 3415 | 13.1 |
| Progeny Ag | P5333RY | RR2Y | 5.3 | 25-Oct | 1.3 | 35 | 10 | 3.0 | 3601 | 13.1 |
| Pioneer | P50T15BR | STS/RR | 5.0 | 14-Oct | 1.0 | 27 | 26 | 4.7 | 3205 | 12.8 |
| Stine | 51RH00 | RR2Y | 5.1 | 14-Oct | 1.0 | 27 | 24 | 4.0 | 3009 | 12.7 |
| USG | 75T40 | RR | 5.4 | 26-Oct | 1.0 | 34 | 8 | 3.7 | 3089 | 12.5 |
| Progeny Ag | P5213RY | RR2Y | 5.2 | 17-Oct | 1.0 | 31 | 22 | 5.0 | 3213 | 12.4 |
| CZ | 5150LL | LL | 5.1 | 27-Oct | 1.0 | 28 | 12 | 2.7 | 3389 | 12.3 |
| Virginia Tech | V12-0253R2 | RR2 | 5.3 | 14-Oct | 1.0 | 25 | 13 | 3.3 | 3397 | 12.2 |
| Progeny Ag | P5226RYS | RR2Y/STS | 5.2 | 17-Oct | 1.0 | 28 | 6 | 3.0 | 2921 | 11.8 |
| Asgrow | AG5233 | RR2Y/STS | 5.2 | 9-Oct | 1.0 | 27 | 14 | 4.0 | 3631 | 11.3 |
| Southern States | SS5215NSR2 | RR2Y/STS | 5.2 | 23-Oct | 1.0 | 30 | 22 | 3.7 | 3153 | 10.8 |
| Virginia Tech | V11-0730 | CONV | 5.3 | 11-Oct | 1.0 | 27 | 9 | 4.7 | 3429 | 10.2 |
| Virginia Tech | V10-1687 | CONV | 5.3 | 11-Oct | 1.3 | 26 | 4 | 3.0 | 3362 | 9.9 |
| USG | 75G24L | LL | 5.2 | 18-Oct | 1.0 | 23 | 9 | 3.0 | 3338 | 9.6 |
| Progeny Ag | P5414LLS | LL, STS | 5.4 | 17-Oct | 1.0 | 28 | 23 | 3.3 | 3567 | 9.2 |
| PUBLIC | GLENN | CONV | 5.6 | 14-Oct | 1.0 | 30 | 11 | 3.0 | 3450 | 9.0 |
| Southern Harvest | SH5215LL | LL | 5.2 | 20-Oct | 1.0 | 25 | 8 | 3.3 | 3486 | 8.0 |
| University of Arkansas | UA5014C | CONV | 5.0 | 15-Oct | 1.0 | 28 | 5 | 4.7 | 3308 | 7.7 |
| LSD P=.10 | | | | 5.99 | 0.3 | 4 | 7 | 0.6 | 199 | 5.1 |
| CV | | | | 8.8 | 23.3 | 11 | 50 | 13.4 | 5 | 22.0 |
| Grand Mean | | | | 19-Oct | 1.1 | 29 | 11 | 3.4 | 3232 | 13.6 |

Table 5d. Performance of Full-Season Early Maturity Group V Entries at Suffolk, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | Yield (Bu/A) |
|------------------------|------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | |
| Doebler's | RPMDB5416R | RR | 5.4 | 17-Oct | 3.2 | 45 | 4 | 3.3 | 2579 | 75.2 |
| Southern Harvest | SH5215LL | LL | 5.2 | 16-Oct | 3.0 | 47 | 1 | 3.0 | 2945 | 72.5 |
| Virginia Tech | V10-1687 | CONV | 5.3 | 9-Oct | 2.3 | 28 | 3 | 2.0 | 2693 | 70.8 |
| USG | 75J45R | RR2Y | 5.4 | 19-Oct | 4.3 | 43 | 1 | 3.0 | 2678 | 69.3 |
| Progeny Ag | P5226RYS | RR2Y/STS | 5.2 | 14-Oct | 3.7 | 43 | 1 | 4.0 | 2581 | 68.4 |
| Progeny Ag | P5213RY | RR2Y | 5.2 | 7-Oct | 2.2 | 49 | 0 | 5.0 | 3252 | 68.3 |
| Southern States | SS5213NR2 | RR2Y | 5.2 | 14-Oct | 3.5 | 41 | 2 | 2.0 | 2635 | 68.0 |
| Southern States | SS5215NSR2 | RR2Y/STS | 5.2 | 12-Oct | 2.7 | 45 | 2 | 3.0 | 2556 | 67.8 |
| Pioneer | P52T50R | RR | 5.2 | 7-Oct | 3.3 | 36 | 1 | 3.0 | 3124 | 66.4 |
| Progeny Ag | P5460LL | LL | 5.4 | 14-Oct | 3.0 | 46 | 4 | 2.3 | 2981 | 64.9 |
| USG | 75G24L | LL | 5.2 | 14-Oct | 4.2 | 43 | 0 | 2.0 | 2963 | 64.8 |
| PUBLIC | GLENN | CONV | 5.6 | 16-Oct | 1.8 | 31 | 3 | 3.0 | 2748 | 64.7 |
| USG | 75T40 | RR | 5.4 | 15-Oct | 3.3 | 36 | 4 | 3.3 | 2797 | 64.5 |
| CZ | 5150LL | LL | 5.1 | 17-Oct | 2.3 | 41 | 2 | 2.3 | 2994 | 63.1 |
| Progeny Ag | P5333RY | RR2Y | 5.3 | 15-Oct | 4.3 | 39 | 2 | 2.0 | 3124 | 62.2 |
| Virginia Tech | V11-0730 | CONV | 5.3 | 11-Oct | 2.0 | 31 | 0 | 4.3 | 2982 | 61.8 |
| Virginia Tech | Md99-6626 | CONV | 5.3 | 16-Oct | 2.5 | 31 | 3 | 3.0 | 2561 | 61.5 |
| Stine | 51RH00 | RR2Y | 5.1 | 4-Oct | 3.2 | 44 | 1 | 5.0 | 2971 | 59.0 |
| Virginia Tech | V12-0045R2 | RR2 | 5.3 | 16-Oct | 3.7 | 37 | 2 | 2.0 | 2337 | 59.0 |
| University of Arkansas | R09-430 | CONV | 5.0 | 15-Oct | 3.3 | 37 | 1 | 4.0 | 2671 | 58.6 |
| CZ | 5147LL | LL | 5.1 | 14-Oct | 4.0 | 31 | 1 | 3.0 | 2742 | 58.1 |
| Hubner Seed | H56-16 | RR2Y | 5.6 | 15-Oct | 3.3 | 45 | 0 | 2.0 | 2594 | 57.8 |
| CZ | 5445LL | LL | 5.4 | 17-Oct | 3.7 | 34 | 1 | 2.0 | 2732 | 57.0 |
| University of Arkansas | UA5014C | CONV | 5.0 | 11-Oct | 3.0 | 37 | 0 | 4.7 | 2646 | 56.3 |
| CZ | 5242LL | LL | 5.2 | 16-Oct | 4.3 | 44 | 1 | 2.0 | 3048 | 56.1 |
| Asgrow | AG5335 | RR2Y/STS | 5.3 | 14-Oct | 2.7 | 47 | 1 | 4.0 | 3277 | 55.0 |
| Terral Seed | REV51A56 | RR | 5.1 | 27-Sep | 2.8 | 46 | 1 | 5.0 | 3079 | 55.0 |
| Stine | 54LE23 | LL | 5.4 | 12-Oct | 4.8 | 44 | 2 | 3.0 | 2911 | 54.9 |
| Progeny Ag | P5414LLS | LL, STS | 5.4 | 23-Sep | 4.3 | 48 | 0 | 3.0 | 3414 | 52.8 |
| Asgrow | AG5233 | RR2Y/STS | 5.2 | 9-Oct | 2.7 | 37 | 2 | 4.0 | 3410 | 52.0 |
| Virginia Tech | V12-0253R2 | RR2 | 5.3 | 7-Oct | 3.8 | 37 | 5 | 4.0 | 2871 | 51.4 |
| CZ | 5225LL | LL | 5.2 | 11-Oct | 3.7 | 36 | 2 | 2.3 | 2748 | 48.8 |
| University of Arkansas | UA5213C | CONV | 5.2 | 15-Oct | 5.0 | 38 | 1 | 3.0 | 3017 | 48.0 |
| Pioneer | P50T15BR | STS/RR | 5.0 | 9-Oct | 3.2 | 41 | 0 | 5.0 | 3066 | 47.6 |
| UA | UA5414RR | RR | 5.4 | 11-Oct | 5.0 | 38 | 2 | 3.0 | 3081 | 41.0 |
| LSD P=.10 | | | | 5.59 | 0.9 | 5 | 2 | 0.5 | 188 | 9.3 |
| CV | | | | 9.75 | 19.8 | 9 | 75 | 11.0 | 5 | 11.3 |
| Grand Mean | | | | 12-Oct | 3.4 | 40 | 2 | 3.2 | 2880 | 60.1 |

Table 5e. Performance of Full-Season Early Maturity Group V Entries at Warsaw, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | Yield (Bu/A) |
|------------------------|------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | |
| Virginia Tech | Md99-6626 | CONV | 5.3 | 5-Oct | 3.2 | 37 | 2 | 2.0 | 3237 | 63.3 |
| Virginia Tech | V12-0045R2 | RR2 | 5.3 | 13-Oct | 1.9 | 40 | 8 | 1.7 | 2704 | 63.0 |
| CZ | 5445LL | LL | 5.4 | 13-Oct | 1.9 | 37 | 0 | 1.3 | 3223 | 61.5 |
| University of Arkansas | R09-430 | CONV | 5.0 | 10-Oct | 2.5 | 39 | 1 | 1.7 | 3239 | 60.3 |
| CZ | 5225LL | LL | 5.2 | 12-Oct | 1.9 | 39 | 2 | 2.0 | 3139 | 59.9 |
| Stine | 54LE23 | LL | 5.4 | 17-Oct | 2.8 | 46 | 0 | 1.0 | 3307 | 59.8 |
| USG | 75J45R | RR2Y | 5.4 | 14-Oct | 2.8 | 48 | 0 | 1.0 | 3110 | 58.6 |
| University of Arkansas | UA5213C | CONV | 5.2 | 12-Oct | 4.4 | 38 | 3 | 2.0 | 3704 | 58.0 |
| Hubner Seed | H56-16 | RR2Y | 5.6 | 14-Oct | 2.2 | 50 | 1 | 2.0 | 3054 | 58.0 |
| Terral Seed | REV51A56 | RR | 5.1 | 29-Sep | 2.5 | 46 | 6 | 3.0 | 3184 | 57.7 |
| Virginia Tech | V12-0253R2 | RR2 | 5.3 | 3-Oct | 2.0 | 37 | 2 | 2.7 | 3856 | 57.4 |
| Virginia Tech | V11-0730 | CONV | 5.3 | 4-Oct | 1.6 | 35 | 2 | 2.7 | 3632 | 56.9 |
| Southern States | SS5213NR2 | RR2Y | 5.2 | 15-Oct | 2.5 | 46 | 2 | 2.7 | 3086 | 55.5 |
| Virginia Tech | V10-1687 | CONV | 5.3 | 1-Oct | 2.3 | 35 | 3 | 2.0 | 3770 | 54.9 |
| USG | 75T40 | RR | 5.4 | 16-Oct | 2.2 | 48 | 1 | 2.7 | 3259 | 54.6 |
| Pioneer | P52T50R | RR | 5.2 | 10-Oct | 2.0 | 45 | 1 | 2.0 | 3733 | 53.6 |
| Progeny Ag | P5333RY | RR2Y | 5.3 | 11-Oct | 3.6 | 46 | 10 | 3.0 | 3873 | 53.6 |
| Doebler's | RPMDB5416R | RR | 5.4 | 16-Oct | 3.8 | 49 | 3 | 3.0 | 3096 | 52.8 |
| CZ | 5242LL | LL | 5.2 | 12-Oct | 2.2 | 45 | 1 | 2.7 | 3600 | 52.4 |
| Southern Harvest | SH5215LL | LL | 5.2 | 10-Oct | 1.5 | 47 | 2 | 2.3 | 3755 | 52.2 |
| Pioneer | P50T15BR | STS/RR | 5.0 | 1-Oct | 1.7 | 47 | 11 | 3.0 | 3511 | 51.8 |
| PUBLIC | GLENN | CONV | 5.6 | 5-Oct | 2.8 | 35 | 1 | 2.0 | 3796 | 51.8 |
| Progeny Ag | P5460LL | LL | 5.4 | 11-Oct | 1.7 | 46 | 5 | 2.0 | 3799 | 51.0 |
| University of Arkansas | UA5014C | CONV | 5.0 | 4-Oct | 2.0 | 39 | 1 | 3.0 | 3202 | 50.7 |
| CZ | 5147LL | LL | 5.1 | 11-Oct | 2.3 | 41 | 0 | 1.3 | 3436 | 49.7 |
| Progeny Ag | P5414LLS | LL, STS | 5.4 | 5-Oct | 2.3 | 48 | 10 | 2.7 | 3444 | 49.4 |
| USG | 75G24L | LL | 5.2 | 8-Oct | 1.9 | 45 | 3 | 2.0 | 2454 | 49.3 |
| UA | UA5414RR | RR | 5.4 | 13-Oct | 3.9 | 42 | 6 | 2.0 | 3502 | 48.9 |
| CZ | 5150LL | LL | 5.1 | 12-Oct | 1.4 | 45 | 2 | 3.0 | 3705 | 47.9 |
| Stine | 51RH00 | RR2Y | 5.1 | 3-Oct | 1.7 | 49 | 4 | 2.3 | 3677 | 45.8 |
| Progeny Ag | P5213RY | RR2Y | 5.2 | 6-Oct | 1.8 | 52 | 9 | 3.0 | 3765 | 45.2 |
| Southern States | SS5215NSR2 | RR2Y/STS | 5.2 | 6-Oct | 2.1 | 47 | 1 | 3.0 | 3293 | 44.8 |
| Asgrow | AG5233 | RR2Y/STS | 5.2 | 2-Oct | 2.0 | 45 | 2 | 3.0 | 4109 | 43.5 |
| Asgrow | AG5335 | RR2Y/STS | 5.3 | 7-Oct | 1.6 | 48 | 7 | 3.0 | 3496 | 41.9 |
| Progeny Ag | P5226RYS | RR2Y/STS | 5.2 | 5-Oct | 2.0 | 48 | 3 | 2.0 | 3594 | 41.6 |
| LSD P=.10 | | | | 4.37 | 0.5 | 2 | 4 | 0.5 | 580 | 6.3 |
| CV | | | | 8.24 | 16.8 | 4 | 85 | 16.2 | 12 | 8.7 |
| Grand Mean | | | | 8-Oct | 2.3 | 44 | 3 | 2.3 | 3438 | 53.1 |

Table 5f. Performance of Double-Crop Early Maturity Group V Entries at Blackstone, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | Yield (Bu/A) |
|------------------|------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | |
| Southern Harvest | SH5215LL | LL | 5.2 | | 1.0 | 20 | 1 | 1.0 | 3035 | 28.7 |
| CZ | 5242LL | LL | 5.2 | | 1.0 | 22 | 1 | 1.3 | 3225 | 25.6 |
| USG | 75T40 | RR | 5.4 | | 1.0 | 20 | 0 | 1.0 | 3210 | 25.4 |
| Virginia Tech | V11-0730 | CONV | 5.3 | | 1.0 | 21 | 0 | 1.0 | 3440 | 24.5 |
| Progeny Ag | P5226RYS | RR2Y/STS | 5.2 | | 1.0 | 18 | 2 | 1.0 | 2680 | 24.2 |
| Progeny Ag | P5460LL | LL | 5.4 | | 1.0 | 20 | 2 | 1.0 | 3243 | 23.6 |
| Pioneer | P52T50R | RR | 5.2 | | 1.0 | 20 | 1 | 1.7 | 3135 | 23.3 |
| CZ | 5150LL | LL | 5.1 | | 1.0 | 20 | 1 | 1.7 | 3075 | 23.3 |
| Dyna-Gro | S52RY75 | RR2Y | 5.2 | | 1.0 | 22 | 1 | 1.0 | 3127 | 22.7 |
| Progeny Ag | P5213RY | RR2Y | 5.2 | | 1.0 | 23 | 1 | 1.0 | 1995 | 22.3 |
| Progeny Ag | P5414LLS | LL, STS | 5.4 | | 1.0 | 20 | 0 | 1.0 | 3477 | 22.3 |
| USG | 75J45R | RR2Y | 5.4 | | 1.0 | 24 | 1 | 1.0 | 2923 | 22.0 |
| Asgrow | AG5335 | RR2Y/STS | 5.3 | | 1.0 | 18 | 3 | 2.0 | 3007 | 21.8 |
| Southern States | SS5213NR2 | RR2Y | 5.2 | | 1.0 | 21 | 3 | 1.3 | 2979 | 21.5 |
| Pioneer | P50T15BR | STS/RR | 5.0 | | 1.0 | 18 | 2 | 2.0 | 2704 | 21.1 |
| PUBLIC | GLENN | CONV | 5.1 | | 1.0 | 19 | 1 | 1.0 | 3364 | 20.7 |
| Mycogen Seeds | 5N522R2 | RR2Y | 5.2 | | 1.0 | 21 | 0 | 1.0 | 3144 | 20.6 |
| Virginia Tech | V10-1687 | CONV | 5.3 | | 1.0 | 17 | 1 | 1.3 | 3490 | 20.5 |
| Doebler's | RPMDB5416R | RR | 5.4 | | 1.0 | 23 | 1 | 1.0 | 3306 | 19.5 |
| CZ | 5225LL | LL | 5.2 | | 1.0 | 21 | 2 | 1.0 | 3475 | 19.5 |
| UA | UA5414RR | RR | 5.4 | | 1.0 | 22 | 1 | 1.0 | 2381 | 18.7 |
| Terral Seed | REV51A56 | RR | 5.1 | | 1.0 | 19 | 1 | 1.0 | 2708 | 18.2 |
| Channel | 5307R2 | RR2Y | 5.3 | | 1.0 | 18 | 0 | 1.0 | 3060 | 18.0 |
| Progeny Ag | P5333RY | RR2Y | 5.3 | | 1.0 | 23 | 1 | 1.3 | 3522 | 17.4 |
| Asgrow | AG5233 | RR2Y/STS | 5.2 | | 1.0 | 18 | 0 | 1.0 | 3044 | 16.9 |
| Southern States | SS5215NSR2 | RR2Y/STS | 5.2 | | 1.0 | 20 | 2 | 1.7 | 2764 | 16.8 |
| Pioneer | P53T73SR | RR/STS | 5.3 | | 1.0 | 19 | 1 | 1.3 | 3196 | 16.7 |
| Virginia Tech | V12-0045R2 | RR2 | 5.3 | | 1.0 | 19 | 3 | 2.0 | 2798 | 16.5 |
| Virginia Tech | Md99-6626 | CONV | 5.3 | | 1.0 | 19 | 1 | 1.7 | 3206 | 16.4 |
| Virginia Tech | V12-0253R2 | RR2 | 5.3 | | 1.0 | 17 | 1 | 1.0 | 3229 | 15.3 |
| CZ | 5445LL | LL | 5.4 | | 1.0 | 20 | 1 | 1.0 | 3854 | 14.1 |
| LSD P=.10 | | | | | 0.0 | 3 | 1 | 0.4 | 630 | 5.3 |
| CV | | | | | 0.0 | 9 | 76 | 25.3 | 15 | 18.8 |
| Grand Mean | | | | | 1.0 | 20 | 1 | 1.2 | 3090 | 20.6 |

Table 5g. Performance of Double-Crop Early Maturity Group V Entries at Painter, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | Yield (Bu/A) |
|------------------|------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | |
| Virginia Tech | V12-0045R2 | RR2 | 5.3 | 4-Nov | 1.0 | 28 | 3 | 3.0 | 2363 | 43.5 |
| Progeny Ag | P5460LL | LL | 5.4 | 4-Nov | 1.0 | 24 | 1 | 3.0 | 2803 | 43.1 |
| CZ | 5150LL | LL | 5.1 | 6-Nov | 1.0 | 25 | 1 | 3.0 | 2838 | 43.0 |
| CZ | 5242LL | LL | 5.2 | 4-Nov | 1.0 | 25 | 0 | 3.0 | 2923 | 42.1 |
| Asgrow | AG5335 | RR2Y/STS | 5.3 | 4-Nov | 1.0 | 25 | 3 | 3.0 | 2605 | 42.0 |
| Mycogen Seeds | 5N522R2 | RR2Y | 5.2 | 4-Nov | 1.7 | 28 | 1 | 3.0 | 2785 | 41.4 |
| Progeny Ag | P5226RYS | RR2Y/STS | 5.2 | 4-Nov | 1.0 | 25 | 1 | 3.0 | 2542 | 38.9 |
| Progeny Ag | P5213RY | RR2Y | 5.2 | 3-Nov | 1.0 | 28 | 2 | 2.5 | 2887 | 38.7 |
| Virginia Tech | Md99-6626 | CONV | 5.3 | 3-Nov | 1.5 | 25 | 2 | 3.0 | 2781 | 38.6 |
| Southern States | SS5215NSR2 | RR2Y/STS | 5.2 | 4-Nov | 1.0 | 25 | 3 | 3.0 | 2660 | 38.5 |
| Dyna-Gro | S52RY75 | RR2Y | 5.2 | 4-Nov | 2.5 | 31 | 5 | 3.0 | 2809 | 38.1 |
| Southern States | SS5213NR2 | RR2Y | 5.2 | 3-Nov | 1.3 | 30 | 4 | 2.7 | 2725 | 38.1 |
| Virginia Tech | V10-1687 | CONV | 5.3 | 3-Nov | 1.5 | 25 | 1 | 3.0 | 3096 | 37.7 |
| Channel | 5307R2 | RR2Y | 5.3 | 3-Nov | 1.0 | 25 | 0 | 2.7 | 2547 | 37.6 |
| Virginia Tech | V12-0253R2 | RR2 | 5.3 | 3-Nov | 1.2 | 25 | 0 | 2.7 | 3040 | 36.8 |
| Asgrow | AG5233 | RR2Y/STS | 5.2 | 3-Nov | 1.0 | 24 | 0 | 2.0 | 3073 | 36.7 |
| PUBLIC | GLENN | CONV | 5.1 | 3-Nov | 1.2 | 24 | 0 | 3.0 | 3199 | 36.5 |
| Southern Harvest | SH5215LL | LL | 5.2 | 4-Nov | 1.0 | 24 | 1 | 3.0 | 2839 | 36.4 |
| Progeny Ag | P5333RY | RR2Y | 5.3 | 3-Nov | 2.3 | 31 | 1 | 3.0 | 3269 | 36.1 |
| Pioneer | P52T50R | RR | 5.2 | 3-Nov | 1.0 | 26 | 1 | 3.0 | 3049 | 35.6 |
| USG | 75J45R | RR2Y | 5.4 | 3-Nov | 1.3 | 30 | 1 | 3.0 | 2821 | 35.5 |
| Pioneer | P53T73SR | RR/STS | 5.3 | 3-Nov | 1.0 | 25 | 1 | 3.0 | 3077 | 35.3 |
| Doebler's | RPMDB5416R | RR | 5.4 | 3-Nov | 1.5 | 30 | 2 | 2.7 | 2904 | 35.2 |
| USG | 75T40 | RR | 5.4 | 3-Nov | 1.2 | 26 | 1 | 2.3 | 2875 | 34.8 |
| Progeny Ag | P5414LLS | LL, STS | 5.4 | 3-Nov | 1.0 | 27 | 1 | 3.0 | 3285 | 34.4 |
| CZ | 5225LL | LL | 5.2 | 8-Nov | 1.0 | 24 | 0 | 3.0 | 3020 | 32.9 |
| Virginia Tech | V11-0730 | CONV | 5.3 | 3-Nov | 1.0 | 25 | 0 | 3.0 | 3173 | 32.7 |
| Pioneer | P50T15BR | STS/RR | 5.0 | 3-Nov | 1.0 | 24 | 1 | 3.0 | 2725 | 32.4 |
| UA | UA5414RR | RR | 5.4 | 3-Nov | 1.0 | 25 | 1 | 2.3 | 3206 | 31.2 |
| Terral Seed | REV51A56 | RR | 5.1 | 3-Nov | 1.0 | 26 | 1 | 3.0 | 2747 | 28.9 |
| CZ | 5445LL | LL | 5.4 | 8-Nov | 1.0 | 23 | 0 | 2.0 | 2923 | 28.3 |
| LSD P=.10 | | | | 2.26 | 0.4 | 3 | 2 | 0.4 | 134 | 4.9 |
| CV | | | | 2.55 | 27.2 | 8 | 97 | 9.2 | 3 | 9.8 |
| Grand Mean | | | | 3-Nov | 1.2 | 26 | 1 | 2.8 | 2890 | 36.8 |

Table 5h. Performance of Double-Crop Early Maturity Group V Entries at Suffolk, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | Yield (Bu/A) |
|------------------|------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | |
| Southern States | SS5215NSR2 | RR2Y/STS | 5.2 | 30-Oct | 1.0 | 31 | 0 | 3.0 | 2818 | 57.5 |
| Progeny Ag | P5226RYS | RR2Y/STS | 5.2 | 30-Oct | 1.0 | 33 | 0 | 2.0 | 2646 | 55.6 |
| Southern Harvest | SH5215LL | LL | 5.2 | 30-Oct | 1.0 | 31 | 0 | 3.0 | 3168 | 55.6 |
| Doebler's | RPMDB5416R | RR | 5.4 | 30-Oct | 1.0 | 36 | 0 | 2.0 | 3047 | 55.2 |
| Dyna-Gro | S52RY75 | RR2Y | 5.2 | 30-Oct | 1.3 | 31 | 0 | 2.7 | 2862 | 54.5 |
| Progeny Ag | P5460LL | LL | 5.4 | 30-Oct | 1.0 | 31 | 0 | 3.0 | 3267 | 54.4 |
| Asgrow | AG5335 | RR2Y/STS | 5.3 | 30-Oct | 1.0 | 34 | 0 | 2.0 | 2774 | 54.1 |
| CZ | 5150LL | LL | 5.1 | 30-Oct | 1.0 | 31 | 0 | 3.0 | 3183 | 52.4 |
| Virginia Tech | V12-0045R2 | RR2 | 5.3 | 30-Oct | 1.0 | 28 | 0 | 3.0 | 2662 | 50.9 |
| USG | 75J45R | RR2Y | 5.4 | 30-Oct | 1.0 | 33 | 0 | 2.3 | 3005 | 50.8 |
| CZ | 5242LL | LL | 5.2 | 27-Oct | 1.0 | 32 | 0 | 3.0 | 3339 | 50.6 |
| Mycogen Seeds | 5N522R2 | RR2Y | 5.2 | 30-Oct | 1.2 | 30 | 0 | 3.0 | 2873 | 50.3 |
| Virginia Tech | V11-0730 | CONV | 5.3 | 26-Oct | 1.0 | 24 | 1 | 3.0 | 3205 | 50.0 |
| Asgrow | AG5233 | RR2Y/STS | 5.2 | 23-Oct | 1.0 | 31 | 0 | 3.0 | 3103 | 49.9 |
| Pioneer | P53T73SR | RR/STS | 5.3 | 30-Oct | 1.0 | 32 | 0 | 1.7 | 3348 | 49.5 |
| Channel | 5307R2 | RR2Y | 5.3 | 23-Oct | 1.0 | 31 | 0 | 2.0 | 2713 | 49.2 |
| Southern States | SS5213NR2 | RR2Y | 5.2 | 30-Oct | 1.0 | 31 | 1 | 2.7 | 2962 | 48.8 |
| USG | 75T40 | RR | 5.4 | 25-Oct | 1.0 | 28 | 0 | 2.7 | 3185 | 48.1 |
| Virginia Tech | V10-1687 | CONV | 5.3 | 25-Oct | 1.2 | 26 | 0 | 3.0 | 2908 | 47.3 |
| PUBLIC | GLENN | CONV | 5.1 | 25-Oct | 1.0 | 28 | 0 | 3.0 | 2956 | 47.2 |
| Pioneer | P52T50R | RR | 5.2 | 27-Oct | 1.0 | 29 | 0 | 3.0 | 3198 | 46.1 |
| Virginia Tech | Md99-6626 | CONV | 5.3 | 24-Oct | 1.0 | 25 | 0 | 3.0 | 2950 | 45.9 |
| Virginia Tech | V12-0253R2 | RR2 | 5.3 | 25-Oct | 1.0 | 22 | 0 | 3.0 | 3065 | 45.3 |
| UA | UA5414RR | RR | 5.4 | 30-Oct | 1.0 | 34 | 0 | 2.0 | 3502 | 45.2 |
| Progeny Ag | P5213RY | RR2Y | 5.2 | 25-Oct | 1.0 | 33 | 0 | 3.0 | 2989 | 44.9 |
| Progeny Ag | P5414LLS | LL, STS | 5.4 | 23-Oct | 1.2 | 34 | 0 | 3.0 | 3307 | 44.5 |
| Progeny Ag | P5333RY | RR2Y | 5.3 | 30-Oct | 1.2 | 36 | 0 | 2.7 | 3380 | 44.2 |
| Pioneer | P50T15BR | STS/RR | 5.0 | 25-Oct | 1.0 | 29 | 0 | 3.0 | 2894 | 43.9 |
| Terral Seed | REV51A56 | RR | 5.1 | 23-Oct | 1.0 | 31 | 0 | 2.7 | 2826 | 41.9 |
| CZ | 5225LL | LL | 5.2 | 30-Oct | 1.0 | 31 | 0 | 2.3 | 3118 | 41.3 |
| CZ | 5445LL | LL | 5.4 | 30-Oct | 1.0 | 31 | 0 | 2.3 | 3244 | 36.5 |
| LSD P=.10 | | | | 2.68 | 0.2 | 3 | 0 | 0.4 | 117 | 5.5 |
| CV | | | | 3.4 | 11.1 | 8 | 316 | 11.8 | 3 | 8.3 |
| Grand Mean | | | | 27-Oct | 1.0 | 31 | 0 | 2.7 | 3048 | 48.8 |

Table 5i. Performance of Double-Crop Early Maturity Group V Entries at Warsaw, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | Yield (Bu/A) |
|------------------|------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | |
| Southern Harvest | SH5215LL | LL | 5.2 | 3-Nov | 1.3 | 33 | 0 | 1.0 | 3200 | 65.0 |
| CZ | 5150LL | LL | 5.1 | 3-Nov | 1.2 | 33 | 1 | 1.0 | 3084 | 64.9 |
| Progeny Ag | P5226RYS | RR2Y/STS | 5.2 | 30-Oct | 1.9 | 35 | 1 | 1.0 | 2868 | 64.0 |
| Virginia Tech | V11-0730 | CONV | 5.3 | 30-Oct | 1.9 | 34 | 0 | 1.0 | 3342 | 63.8 |
| Virginia Tech | V12-0045R2 | RR2 | 5.3 | 2-Nov | 2.8 | 39 | 2 | 1.0 | 2776 | 63.6 |
| CZ | 5242LL | LL | 5.2 | 3-Nov | 1.7 | 35 | 0 | 1.0 | 3544 | 62.8 |
| Dyna-Gro | S52RY75 | RR2Y | 5.2 | 2-Nov | 4.6 | 42 | 1 | 1.0 | 3083 | 62.1 |
| USG | 75J45R | RR2Y | 5.4 | 2-Nov | 2.8 | 44 | 2 | 1.0 | 2856 | 61.6 |
| USG | 75T40 | RR | 5.4 | 3-Nov | 2.1 | 41 | 0 | 1.0 | 3147 | 61.2 |
| Virginia Tech | V10-1687 | CONV | 5.3 | 27-Oct | 2.2 | 32 | 0 | 1.0 | 3285 | 61.1 |
| Channel | 5307R2 | RR2Y | 5.3 | 28-Oct | 1.7 | 34 | 0 | 1.0 | 2988 | 59.9 |
| Pioneer | P50T15BR | STS/RR | 5.0 | 27-Oct | 1.4 | 34 | 0 | 1.0 | 3120 | 57.8 |
| PUBLIC | GLENN | CONV | 5.1 | 30-Oct | 3.6 | 31 | 0 | 1.0 | 3397 | 57.8 |
| Pioneer | P52T50R | RR | 5.2 | 31-Oct | 2.0 | 35 | 0 | 1.0 | 3474 | 57.4 |
| Virginia Tech | V12-0253R2 | RR2 | 5.3 | 27-Oct | 1.6 | 30 | 0 | 1.0 | 3568 | 56.9 |
| Pioneer | P53T73SR | RR/STS | 5.3 | 2-Nov | 1.7 | 34 | 0 | 1.3 | 3177 | 56.7 |
| Asgrow | AG5335 | RR2Y/STS | 5.3 | 30-Oct | 1.4 | 34 | 0 | 1.0 | 3042 | 56.3 |
| Progeny Ag | P5213RY | RR2Y | 5.2 | 26-Oct | 1.6 | 37 | 0 | 1.0 | 3253 | 56.1 |
| Doebler's | RPMDB5416R | RR | 5.4 | 4-Nov | 3.5 | 42 | 1 | 1.0 | 3156 | 55.8 |
| Mycogen Seeds | 5N522R2 | RR2Y | 5.2 | 1-Nov | 4.6 | 39 | 0 | 1.0 | 3075 | 55.6 |
| Southern States | SS5215NSR2 | RR2Y/STS | 5.2 | 30-Oct | 1.4 | 33 | 0 | 1.0 | 2904 | 55.1 |
| Progeny Ag | P5333RY | RR2Y | 5.3 | 2-Nov | 3.4 | 40 | 2 | 1.0 | 3664 | 54.7 |
| Southern States | SS5213NR2 | RR2Y | 5.2 | 4-Nov | 3.6 | 41 | 3 | 1.0 | 3008 | 54.3 |
| Virginia Tech | Md99-6626 | CONV | 5.3 | 28-Oct | 2.8 | 33 | 0 | 1.0 | 3151 | 54.1 |
| Asgrow | AG5233 | RR2Y/STS | 5.2 | 26-Oct | 1.4 | 30 | 0 | 1.0 | 3326 | 53.0 |
| Progeny Ag | P5414LLS | LL, STS | 5.4 | 24-Oct | 2.2 | 36 | 0 | 1.0 | 3728 | 51.4 |
| Terral Seed | REV51A56 | RR | 5.1 | 26-Oct | 1.5 | 33 | 1 | 1.0 | 2988 | 49.5 |
| Progeny Ag | P5460LL | LL | 5.4 | 3-Nov | 1.6 | 34 | 1 | 1.0 | 3492 | 48.2 |
| UA | UA5414RR | RR | 5.4 | 3-Nov | 2.2 | 33 | 1 | 1.0 | 3729 | 44.4 |
| CZ | 5445LL | LL | 5.4 | 3-Nov | 2.1 | 29 | 0 | 1.0 | 3577 | 39.5 |
| CZ | 5225LL | LL | 5.2 | 3-Nov | 1.8 | 28 | 1 | 1.0 | 3425 | 32.1 |
| LSD P=.10 | | | | 2.38 | 0.7 | 3 | 1 | 0.1 | 172 | 7.6 |
| CV | | | | 2.85 | 21.5 | 6 | 141 | 10.4 | 4 | 9.9 |
| Grand Mean | | | | 31-Oct | 2.2 | 35 | 0 | 1.0 | 3240 | 56.0 |

Table 6a. Performance of Full-Season Late Maturity Group V Entries at Blackstone, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | Yield (Bu/A) |
|------------------------|------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | |
| Hubner Seed | H58-12 | RR2Y | 5.8 | | 2.3 | 45 | 5 | 1.0 | 3053 | 65.1 |
| Virginia Tech | V10-0262 | Conv | 5.8 | | 2.5 | 45 | 12 | 2.7 | 3078 | 65.1 |
| Pioneer | P56T29R2 | RR2Y | 5.6 | | 1.2 | 45 | 7 | 1.3 | 3070 | 65.0 |
| University of Arkansas | Osage | Conv | 5.6 | | 3.8 | 38 | 5 | 1.7 | 3355 | 64.2 |
| Southern Harvest | SH5912LL | LL | 5.9 | | 1.3 | 44 | 10 | 2.7 | 3568 | 63.2 |
| USG | 76G15L | LL | 6.1 | | 3.2 | 54 | 0 | 1.7 | 2765 | 60.4 |
| Hubner Seed | H56-16 | RR2Y | 5.6 | | 2.0 | 43 | 2 | 1.3 | 2667 | 59.9 |
| Southern States | SS5615NR2 | RR2Y | 5.6 | | 3.0 | 43 | 3 | 1.3 | 2919 | 59.9 |
| Terral Seed | REV56R63 | RR | 5.6 | | 3.2 | 48 | 10 | 2.3 | 3283 | 58.6 |
| USG | 75Q52R | RR2Y | 5.5 | | 4.0 | 48 | 9 | 3.0 | 3169 | 58.4 |
| USG | 75B75R | RR2Y | 5.7 | | 2.3 | 42 | 3 | 1.0 | 2859 | 58.4 |
| Southern States | SS5911NR2 | RR2Y | 5.9 | | 2.3 | 44 | 1 | 1.3 | 3724 | 58.3 |
| Southern Harvest | SH5515LL | LL | 5.5 | | 3.0 | 47 | 10 | 2.0 | 3388 | 57.5 |
| Mycogen Seeds | 5N550R2 | RR2Y | 5.5 | | 4.3 | 49 | 6 | 1.3 | 3162 | 57.1 |
| Stine | 61RF00 | RR2Y | 6.1 | | 4.2 | 72 | 2 | 1.0 | 3198 | 56.3 |
| Terral Seed | REV57R21 | RR | 5.7 | | 3.3 | 52 | 1 | 1.0 | 3057 | 55.5 |
| Asgrow | AG5533 | RR2Y/STS | 5.5 | | 3.8 | 51 | 11 | 2.7 | 3081 | 55.1 |
| Southern States | SS5511NR2 | RR2Y | 5.5 | | 4.0 | 41 | 5 | 1.7 | 2803 | 54.7 |
| University of Arkansas | UA5612 | Conv | 5.6 | | 4.8 | 44 | 6 | 2.0 | 3633 | 54.1 |
| Dyna-Gro | 32RY55 | RR2Y | 5.5 | | 2.3 | 43 | 6 | 1.7 | 2626 | 54.0 |
| USG | 75J90R | RR2Y | 5.9 | | 1.7 | 41 | 5 | 2.0 | 2648 | 54.0 |
| PUBLIC | GLENN | CONV | 5.1 | | 4.7 | 34 | 2 | 4.7 | 3443 | 52.1 |
| Southern States | SS5513NR2 | RR2Y | 5.5 | | 4.2 | 47 | 8 | 1.7 | 3063 | 52.1 |
| Progeny Ag | P5752RY | RR2Y | 5.7 | | 2.5 | 45 | 2 | 1.3 | 2849 | 51.7 |
| Doebler's | RPMD5710RR | RR | 5.7 | | 3.5 | 54 | 1 | 1.3 | 2905 | 51.0 |
| CZ | 5727LL | LL | 5.7 | | 3.2 | 50 | 1 | 1.0 | 2725 | 50.4 |
| Terral Seed | REV55R53 | RR | 5.5 | | 3.0 | 39 | 4 | 1.7 | 2836 | 50.3 |
| Progeny Ag | P5555RY | RR2Y | 5.5 | | 3.8 | 45 | 9 | 1.0 | 2975 | 50.2 |
| Stine | 58LC23 | LL | 5.8 | | 3.5 | 43 | 13 | 2.7 | 3148 | 50.1 |
| Progeny Ag | P6355LL | LL | 6.3 | | 4.8 | 48 | 0 | 3.7 | 3048 | 50.0 |
| Montague | MFS-56P5 | Conv | 5.6 | | 3.7 | 35 | 3 | 5.0 | 5115 | 48.9 |
| Southern States | SS5711R2 | RR2Y | 5.7 | | 2.8 | 41 | 5 | 2.0 | 2717 | 48.6 |
| USDA-ARS | JTN-5110 | Conv | 5.5 | | 3.8 | 36 | 3 | 4.3 | 3798 | 48.4 |
| Progeny Ag | P5960LL | LL | 5.9 | | 1.2 | 44 | 7 | 3.3 | 3580 | 47.9 |
| Progeny Ag | P5610RY | RR2Y | 5.6 | | 3.0 | 43 | 4 | 2.0 | 2716 | 47.6 |
| Southern Harvest | SH5915LL | LL | 5.9 | | 4.2 | 48 | 5 | 2.0 | 3076 | 47.6 |
| Progeny Ag | P6710RY | RR2Y | 6.7 | | 3.5 | 52 | 0 | 2.7 | 2740 | 47.1 |
| Virginia Tech | V08-1924 | Conv | 5.8 | | 4.7 | 38 | 7 | 2.0 | 3171 | 43.7 |
| USG | 75G95LS | LL/STS | 5.9 | | 4.3 | 41 | 3 | 2.0 | 3212 | 42.3 |
| Montague | MFS-561 | Conv | 5.6 | | 1.5 | 37 | 1 | 4.7 | 5249 | 41.5 |
| Progeny Ag | P6215RY | RR2Y | 6.2 | | 3.5 | 44 | 0 | 1.0 | 3376 | 29.6 |
| LSD P=.10 | | | | | 1.0 | 4 | 4 | 1.1 | 377 | 9.8 |
| CV | | | | | 23.2 | 7 | 62 | 38.1 | 9 | 13.5 |
| Grand Mean | | | | | 3.2 | 45 | 5 | 2.1 | 3191 | 53.3 |

Table 6b. Performance of Full-Season Late Maturity Group V Entries at Orange, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | Yield (Bu/A) |
|------------------------|-------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | |
| Southern Harvest | SH5912LL | LL | 5.9 | 11-Oct | 2.0 | 43 | 4 | 3.0 | 3554 | 45.1 |
| Virginia Tech | V10-0262 | Conv | 5.8 | 13-Oct | 2.8 | 42 | 4 | 2.0 | 2893 | 43.4 |
| Progeny Ag | P5960LL | LL | 5.9 | 9-Oct | 2.5 | 41 | 1 | 2.7 | 3455 | 41.1 |
| Pioneer | P56T29R2 | RR2Y | 5.6 | | 2.3 | 45 | 3 | 2.0 | 2995 | 40.9 |
| Mycogen Seeds | 5N550R2 | RR2Y | 5.5 | 11-Oct | 3.8 | 46 | 1 | 2.0 | 2967 | 40.1 |
| Terral Seed | REV56R63 | RR | 5.6 | 13-Oct | 4.3 | 49 | 2 | 2.3 | 2925 | 39.6 |
| Progeny Ag | P5752RY | RR2Y | 5.7 | 13-Oct | 2.3 | 47 | 3 | 2.0 | 2900 | 38.1 |
| USG | 76G15L | LL | 6.1 | 10-Oct | 3.2 | 49 | 1 | 2.7 | 2378 | 36.8 |
| Southern States | SS5711R2 | RR2Y | 5.7 | 13-Oct | 3.2 | 44 | 1 | 2.0 | 2306 | 36.3 |
| USG | 75Q52R | RR2Y | 5.5 | 12-Oct | 4.0 | 49 | 6 | 2.3 | 2942 | 36.0 |
| Montague | MFS-56P5 | Conv | 5.6 | 7-Oct | 4.0 | 38 | 1 | 2.3 | 4363 | 35.2 |
| USG | 75B75R | RR2Y | 5.7 | 13-Oct | 3.2 | 46 | 2 | 2.0 | 2901 | 35.1 |
| Progeny Ag | P5555RY | RR2Y | 5.5 | 13-Oct | 4.2 | 45 | 2 | 3.0 | 3359 | 34.9 |
| Terral Seed | REV55R53 | RR | 5.5 | 13-Oct | 3.7 | 44 | 2 | 2.7 | 3384 | 34.5 |
| Stine | 58LC23 | LL | 5.8 | 10-Oct | 4.0 | 44 | 5 | 2.7 | 2668 | 34.4 |
| PUBLIC | GLENN | CONV | 5.1 | 3-Oct | 4.8 | 35 | 0 | 3.3 | 3491 | 34.3 |
| University of Arkansas | Osage | Conv | 5.6 | 13-Oct | 4.7 | 40 | 3 | 2.7 | 3301 | 34.1 |
| Progeny Ag | P5610RY | RR2Y | 5.6 | 12-Oct | 3.5 | 45 | 2 | 2.3 | 2473 | 34.1 |
| Southern Harvest | SH5515LL | LL | 5.5 | 9-Oct | 2.2 | 46 | 4 | 2.3 | 3763 | 33.7 |
| CZ | 5727LL | LL | 5.7 | | 4.0 | 47 | 0 | 2.3 | 2746 | 33.5 |
| Asgrow | AG5533 | RR2Y/STS | 5.5 | 13-Oct | 4.2 | 49 | 3 | 2.7 | 3145 | 33.5 |
| Southern States | SS5615NR2 | RR2Y | 5.6 | 13-Oct | 2.8 | 44 | 3 | 2.7 | 2997 | 33.3 |
| Progeny Ag | P6355LL | LL | 6.3 | | 3.2 | 52 | 1 | 2.0 | 2565 | 33.2 |
| Hubner Seed | H56-16 | RR2Y | 5.6 | 12-Oct | 2.8 | 40 | 2 | 2.0 | 2627 | 33.1 |
| Hubner Seed | H58-12 | RR2Y | 5.8 | 13-Oct | 3.0 | 47 | 3 | 2.0 | 2997 | 33.0 |
| Stine | 61RF00 | RR2Y | 6.1 | | 4.2 | 63 | 2 | 2.3 | 3058 | 32.6 |
| University of Arkansas | UA5612 | Conv | 5.6 | 13-Oct | 4.7 | 44 | 1 | 2.3 | 3368 | 32.4 |
| Southern States | SS5511NR2 | RR2Y | 5.5 | 13-Oct | 4.3 | 43 | 2 | 2.0 | 2869 | 32.2 |
| Terral Seed | REV57R21 | RR | 5.7 | | 4.3 | 52 | 1 | 2.3 | 3033 | 31.9 |
| Dyna-Gro | 32RY55 | RR2Y | 5.5 | | 3.7 | 44 | 1 | 2.0 | 2593 | 31.8 |
| USG | 75J90R | RR2Y | 5.9 | 12-Oct | 3.3 | 48 | 1 | 2.0 | 2387 | 31.8 |
| Southern States | SS5911NR2 | RR2Y | 5.9 | | 4.0 | 40 | 0 | 2.0 | 3246 | 31.3 |
| Southern States | SS5513NR2 | RR2Y | 5.5 | 13-Oct | 4.5 | 49 | 2 | 3.0 | 3381 | 31.2 |
| Doebler's | RPMDB5710RR | RR | 5.7 | 13-Oct | 4.3 | 46 | 1 | 2.0 | 2950 | 30.4 |
| Montague | MFS-561 | Conv | 5.6 | 10-Oct | 2.3 | 41 | 1 | 2.0 | 4470 | 29.1 |
| Progeny Ag | P6710RY | RR2Y | 6.7 | | 3.2 | 51 | 0 | 2.0 | 2596 | 28.8 |
| USDA-ARS | JTN-5110 | Conv | 5.5 | 11-Oct | 4.2 | 42 | 2 | 2.7 | 2852 | 28.5 |
| Southern Harvest | SH5915LL | LL | 5.9 | 12-Oct | 4.7 | 43 | 4 | 2.0 | 3092 | 27.2 |
| USG | 75G95LS | LL/STS | 5.9 | 12-Oct | 4.8 | 45 | 4 | 3.0 | 2936 | 24.0 |
| Virginia Tech | V08-1924 | Conv | 5.8 | 13-Oct | 5.0 | 40 | 3 | 2.7 | 3245 | 21.6 |
| Progeny Ag | P6215RY | RR2Y | 6.2 | | 3.5 | 44 | 0 | 3.0 | 3243 | 19.1 |
| LSD P=.10 | | | | 2.49 | 0.7 | 5 | 2 | 0.5 | 253 | 8.6 |
| CV | | | | 4.32 | 15.0 | 8 | 79 | 15.9 | 6 | 18.8 |
| Grand Mean | | | | 11-Oct | 3.7 | 45 | 2 | 2.4 | 3059 | 33.4 |

Table 6c. Performance of Full-Season Late Maturity Group V Entries at Painter, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | Yield (Bu/A) |
|------------------------|-------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | |
| Southern Harvest | SH5912LL | LL | 5.9 | 3-Nov | 1.0 | 34 | 0 | 2.7 | 3493 | 33.1 |
| University of Arkansas | UA5612 | Conv | 5.6 | 28-Oct | 1.8 | 37 | 7 | 3.0 | 3415 | 30.4 |
| Progeny Ag | P5555RY | RR2Y | 5.5 | 3-Nov | 1.5 | 40 | 0 | 2.0 | 2918 | 28.8 |
| Progeny Ag | P6355LL | LL | 6.3 | 7-Nov | 1.2 | 34 | 4 | 2.0 | 3031 | 27.7 |
| Progeny Ag | P6710RY | RR2Y | 6.7 | 7-Nov | 1.0 | 37 | 1 | 2.0 | 2757 | 27.7 |
| Progeny Ag | P5610RY | RR2Y | 5.6 | 3-Nov | 1.0 | 37 | 0 | 3.0 | 2733 | 27.5 |
| Progeny Ag | P6215RY | RR2Y | 6.2 | 7-Nov | 1.0 | 34 | 2 | 2.7 | 2868 | 27.4 |
| Virginia Tech | V10-0262 | Conv | 5.8 | 26-Oct | 1.0 | 34 | 5 | 3.0 | 3428 | 27.2 |
| USG | 76G15L | LL | 6.1 | 7-Nov | 1.2 | 39 | 1 | 2.7 | 2975 | 27.2 |
| Stine | 61RF00 | RR2Y | 6.1 | 3-Nov | 1.2 | 44 | 5 | 2.3 | 3206 | 26.9 |
| University of Arkansas | Osage | Conv | 5.6 | 25-Oct | 1.0 | 29 | 9 | 3.0 | 3407 | 26.8 |
| Doebler's | RPMDB5710RR | RR | 5.7 | 28-Oct | 2.0 | 40 | 5 | 1.7 | 3261 | 26.7 |
| Southern States | SS5911NR2 | RR2Y | 5.9 | 3-Nov | 1.7 | 36 | 1 | 2.3 | 4045 | 26.5 |
| Terral Seed | REV57R21 | RR | 5.7 | 3-Nov | 1.8 | 43 | 1 | 3.0 | 3153 | 26.5 |
| Progeny Ag | P5752RY | RR2Y | 5.7 | 31-Oct | 1.0 | 35 | 5 | 2.0 | 3183 | 26.1 |
| CZ | 5727LL | LL | 5.7 | 3-Nov | 1.0 | 35 | 3 | 3.0 | 3131 | 25.8 |
| Terral Seed | REV55R53 | RR | 5.5 | 7-Nov | 1.2 | 34 | 3 | 3.0 | 3665 | 25.7 |
| Terral Seed | REV56R63 | RR | 5.6 | 31-Oct | 1.2 | 38 | 4 | 2.7 | 3124 | 25.6 |
| Southern States | SS5615NR2 | RR2Y | 5.6 | 31-Oct | 1.0 | 36 | 3 | 3.0 | 3002 | 25.6 |
| Hubner Seed | H56-16 | RR2Y | 5.6 | 27-Oct | 1.3 | 40 | 1 | 2.7 | 3461 | 25.3 |
| Dyna-Gro | 32RY55 | RR2Y | 5.5 | 3-Nov | 1.0 | 34 | 8 | 2.3 | 2526 | 25.0 |
| Hubner Seed | H58-12 | RR2Y | 5.8 | 3-Nov | 1.0 | 33 | 0 | 2.7 | 2957 | 24.9 |
| Montague | MFS-561 | Conv | 5.6 | 19-Oct | 1.0 | 31 | 5 | 2.0 | 4585 | 24.8 |
| Southern Harvest | SH5515LL | LL | 5.5 | 3-Nov | 1.0 | 35 | 2 | 3.0 | 3853 | 24.8 |
| USG | 75G95LS | LL/STS | 5.9 | 5-Nov | 1.0 | 36 | 3 | 3.0 | 3175 | 24.5 |
| Mycogen Seeds | 5N550R2 | RR2Y | 5.5 | 3-Nov | 1.3 | 40 | 6 | 2.0 | 2856 | 24.3 |
| Southern Harvest | SH5915LL | LL | 5.9 | 2-Nov | 1.2 | 36 | 6 | 3.0 | 3307 | 24.1 |
| Southern States | SS5511NR2 | RR2Y | 5.5 | 3-Nov | 1.7 | 36 | 2 | 3.3 | 3076 | 23.8 |
| Southern States | SS5513NR2 | RR2Y | 5.5 | 3-Nov | 1.2 | 39 | 2 | 3.0 | 3130 | 23.8 |
| USDA-ARS | JTN-5110 | Conv | 5.5 | 21-Oct | 1.0 | 35 | 4 | 2.3 | 3638 | 23.7 |
| Pioneer | P56T29R2 | RR2Y | 5.6 | 3-Nov | 1.0 | 33 | 7 | 2.0 | 3339 | 22.9 |
| Progeny Ag | P5960LL | LL | 5.9 | 31-Oct | 1.0 | 33 | 5 | 2.0 | 3426 | 22.7 |
| Asgrow | AG5533 | RR2Y/STS | 5.5 | 31-Oct | 1.3 | 40 | 3 | 3.0 | 3404 | 22.6 |
| Southern States | SS5711R2 | RR2Y | 5.7 | 3-Nov | 1.2 | 36 | 6 | 2.0 | 2842 | 22.3 |
| Montague | MFS-56P5 | Conv | 5.6 | 26-Oct | 1.2 | 29 | 13 | 2.0 | 4515 | 21.6 |
| USG | 75Q52R | RR2Y | 5.5 | 27-Oct | 1.0 | 34 | 16 | 2.7 | 3112 | 21.1 |
| Virginia Tech | V08-1924 | Conv | 5.8 | 31-Oct | 1.5 | 35 | 6 | 3.7 | 3209 | 20.9 |
| USG | 75B75R | RR2Y | 5.7 | 31-Oct | 1.0 | 34 | 5 | 2.0 | 3131 | 20.8 |
| USG | 75J90R | RR2Y | 5.9 | 3-Nov | 1.0 | 40 | 7 | 2.0 | 2608 | 20.6 |
| Stine | 58LC23 | LL | 5.8 | 31-Oct | 1.0 | 35 | 8 | 2.0 | 3156 | 19.7 |
| PUBLIC | GLENN | CONV | 5.1 | 24-Oct | 1.2 | 31 | 13 | 4.0 | 3544 | 18.3 |
| LSD P=.10 | | | | 5.43 | 0.4 | 5 | 4 | 0.5 | 258 | 6.2 |
| CV | | | | 6.48 | 23.1 | 9 | 71 | 13.2 | 6 | 18.3 |
| Grand Mean | | | | 31-Oct | 1.2 | 36 | 5 | 2.6 | 3260 | 24.9 |

Table 6d. Performance of Full-Season Late Maturity Group V Entries at Suffolk, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | Yield (Bu/A) |
|------------------------|-------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | |
| Southern States | SS5511NR2 | RR2Y | 5.5 | 16-Oct | 3.7 | 42 | 1 | 2.0 | 2256 | 80.8 |
| Southern States | SS5615NR2 | RR2Y | 5.6 | 19-Oct | 3.3 | 48 | 0 | 2.3 | 2570 | 77.7 |
| Progeny Ag | P5752RY | RR2Y | 5.7 | 17-Oct | 3.2 | 44 | 2 | 2.7 | 2556 | 77.5 |
| USG | 75B75R | RR2Y | 5.7 | 17-Oct | 3.2 | 45 | 2 | 2.3 | 2547 | 75.7 |
| Progeny Ag | P5555RY | RR2Y | 5.5 | 20-Oct | 3.8 | 47 | 1 | 2.3 | 2615 | 75.5 |
| Hubner Seed | H56-16 | RR2Y | 5.6 | 19-Oct | 2.8 | 44 | 0 | 2.3 | 2476 | 74.8 |
| Hubner Seed | H58-12 | RR2Y | 5.8 | 17-Oct | 2.2 | 46 | 0 | 2.0 | 2581 | 74.6 |
| Pioneer | P56T29R2 | RR2Y | 5.6 | 17-Oct | 1.8 | 45 | 1 | 3.0 | 2917 | 74.4 |
| Asgrow | AG5533 | RR2Y/STS | 5.5 | 17-Oct | 3.5 | 47 | 2 | 2.3 | 2609 | 73.4 |
| USG | 75J90R | RR2Y | 5.9 | 19-Oct | 2.8 | 41 | 1 | 3.0 | 2283 | 71.8 |
| Mycogen Seeds | 5N550R2 | RR2Y | 5.5 | 25-Oct | 4.2 | 46 | 0 | 2.7 | 2630 | 71.7 |
| Southern States | SS5711R2 | RR2Y | 5.7 | 16-Oct | 4.3 | 41 | 1 | 3.0 | 2365 | 71.0 |
| USG | 76G15L | LL | 6.1 | 29-Oct | 3.0 | 51 | 0 | 2.0 | 2513 | 70.0 |
| Southern States | SS5513NR2 | RR2Y | 5.5 | 24-Oct | 3.8 | 50 | 0 | 2.7 | 2460 | 69.7 |
| CZ | 5727LL | LL | 5.7 | 21-Oct | 3.2 | 49 | 0 | 1.0 | 2407 | 69.2 |
| Virginia Tech | V10-0262 | Conv | 5.8 | 16-Oct | 2.8 | 39 | 4 | 2.0 | 2741 | 68.3 |
| Progeny Ag | P6355LL | LL | 6.3 | 30-Oct | 3.7 | 51 | 0 | 2.0 | 2832 | 67.6 |
| Terral Seed | REV57R21 | RR | 5.7 | 17-Oct | 3.2 | 50 | 1 | 1.3 | 2752 | 67.3 |
| Progeny Ag | P6710RY | RR2Y | 6.7 | 25-Oct | 2.3 | 50 | 0 | 2.0 | 2856 | 66.9 |
| Doebler's | RPMDB5710RR | RR | 5.7 | 17-Oct | 3.8 | 50 | 0 | 1.7 | 2781 | 66.7 |
| Progeny Ag | P5610RY | RR2Y | 5.6 | 17-Oct | 3.7 | 44 | 0 | 2.0 | 2512 | 66.1 |
| Dyna-Gro | 32RY55 | RR2Y | 5.5 | 20-Oct | 4.3 | 40 | 1 | 4.0 | 2298 | 65.3 |
| University of Arkansas | UA5612 | Conv | 5.6 | 22-Oct | 4.7 | 43 | 2 | 2.0 | 2803 | 63.2 |
| Stine | 61RF00 | RR2Y | 6.1 | 26-Oct | 3.3 | 51 | 0 | 2.0 | 2933 | 62.7 |
| Progeny Ag | P5960LL | LL | 5.9 | 17-Oct | 3.2 | 39 | 3 | 3.0 | 3049 | 62.3 |
| USG | 75Q52R | RR2Y | 5.5 | 22-Oct | 4.2 | 48 | 3 | 3.0 | 2658 | 61.2 |
| Southern Harvest | SH5915LL | LL | 5.9 | 23-Oct | 4.8 | 47 | 0 | 3.0 | 2683 | 60.8 |
| Terral Seed | REV56R63 | RR | 5.6 | 22-Oct | 3.8 | 48 | 1 | 3.0 | 2482 | 59.5 |
| USG | 75G95LS | LL/STS | 5.9 | 24-Oct | 5.0 | 45 | 1 | 3.0 | 2699 | 58.4 |
| Terral Seed | REV55R53 | RR | 5.5 | 23-Oct | 4.0 | 43 | 1 | 2.7 | 2656 | 58.1 |
| Southern Harvest | SH5515LL | LL | 5.5 | 13-Oct | 4.8 | 51 | 2 | 2.3 | 2968 | 57.5 |
| USDA-ARS | JTN-5110 | Conv | 5.5 | 17-Oct | 3.7 | 43 | 1 | 4.7 | 2626 | 57.0 |
| PUBLIC | GLENN | CONV | 5.1 | 22-Oct | 3.5 | 33 | 1 | 2.7 | 2647 | 56.2 |
| Southern Harvest | SH5912LL | LL | 5.9 | 23-Oct | 3.7 | 42 | 2 | 2.7 | 2974 | 56.0 |
| Progeny Ag | P6215RY | RR2Y | 6.2 | 24-Oct | 3.2 | 47 | 0 | 2.3 | 2792 | 55.8 |
| Stine | 58LC23 | LL | 5.8 | 22-Oct | 4.3 | 43 | 3 | 3.3 | 2695 | 55.3 |
| University of Arkansas | Osage | Conv | 5.6 | 21-Oct | 5.0 | 35 | 2 | 2.7 | 2821 | 50.6 |
| Montague | MFS-561 | Conv | 5.6 | 18-Oct | 3.0 | 39 | 0 | 2.3 | 4164 | 50.2 |
| Southern States | SS5911NR2 | RR2Y | 5.9 | 22-Oct | 4.7 | 42 | 0 | 1.3 | 3262 | 48.6 |
| Virginia Tech | V08-1924 | Conv | 5.8 | 26-Oct | 5.0 | 38 | 1 | 4.7 | 2798 | 45.8 |
| Montague | MFS-56P5 | Conv | 5.6 | 16-Oct | 5.0 | 37 | 1 | 2.3 | 4029 | 42.5 |
| LSD P=.10 | | | | 4.75 | 1.0 | 5 | 2 | 0.8 | 170 | 10.3 |
| CV | | | | 6.93 | 20.4 | 8 | 132 | 21.9 | 5 | 11.8 |
| Grand Mean | | | | 20-Oct | 3.7 | 44 | 1 | 2.5 | 2739 | 64.3 |

Table 6e. Performance of Full-Season Late Maturity Group V Entries at Warsaw, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | Yield (Bu/A) |
|------------------------|-------------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | |
| Hubner Seed | H58-12 | RR2Y | 5.8 | 16-Oct | 2.1 | 48 | 0 | 1.7 | 2874 | 64.7 |
| Virginia Tech | V10-0262 | Conv | 5.8 | 11-Oct | 1.9 | 40 | 3 | 2.7 | 3190 | 59.4 |
| Southern States | SS5511NR2 | RR2Y | 5.5 | 13-Oct | 2.7 | 47 | 1 | 2.3 | 2959 | 59.3 |
| Progeny Ag | P5610RY | RR2Y | 5.6 | 17-Oct | 2.2 | 48 | 1 | 2.0 | 2584 | 59.0 |
| Terral Seed | REV56R63 | RR | 5.6 | 16-Oct | 4.1 | 51 | 2 | 2.7 | 3137 | 58.7 |
| Dyna-Gro | 32RY55 | RR2Y | 5.5 | 17-Oct | 2.9 | 49 | 2 | 3.0 | 2548 | 58.5 |
| Southern States | SS5911NR2 | RR2Y | 5.9 | 17-Oct | 2.0 | 46 | 1 | 2.0 | 3725 | 57.9 |
| Hubner Seed | H56-16 | RR2Y | 5.6 | 16-Oct | 1.8 | 45 | 1 | 1.3 | 2939 | 57.7 |
| Southern States | SS5615NR2 | RR2Y | 5.6 | 14-Oct | 1.8 | 49 | 1 | 1.7 | 3006 | 57.6 |
| Pioneer | P56T29R2 | RR2Y | 5.6 | 14-Oct | 1.8 | 47 | 1 | 2.0 | 3348 | 57.2 |
| USG | 75J90R | RR2Y | 5.9 | 17-Oct | 2.2 | 47 | 1 | 2.0 | 2548 | 54.7 |
| Progeny Ag | P6710RY | RR2Y | 6.7 | 30-Oct | 2.3 | 50 | 0 | 1.0 | 3001 | 54.3 |
| Mycogen Seeds | 5N550R2 | RR2Y | 5.5 | 13-Oct | 2.8 | 50 | 0 | 3.0 | 3221 | 54.2 |
| PUBLIC | GLENN | CONV | 5.1 | 5-Oct | 3.0 | 35 | 1 | 3.0 | 3618 | 53.7 |
| Southern Harvest | SH5912LL | LL | 5.9 | 12-Oct | 1.9 | 43 | 2 | 3.0 | 3687 | 53.6 |
| USG | 75Q52R | RR2Y | 5.5 | 14-Oct | 2.9 | 48 | 8 | 3.0 | 3175 | 53.5 |
| Progeny Ag | P5752RY | RR2Y | 5.7 | 12-Oct | 1.8 | 47 | 3 | 1.7 | 3070 | 53.5 |
| Progeny Ag | P5555RY | RR2Y | 5.5 | 12-Oct | 2.6 | 49 | 2 | 2.3 | 3259 | 53.5 |
| CZ | 5727LL | LL | 5.7 | 18-Oct | 2.7 | 50 | 0 | 1.0 | 2642 | 53.1 |
| Asgrow | AG5533 | RR2Y/STS | 5.5 | 10-Oct | 3.3 | 50 | 5 | 2.7 | 3256 | 52.9 |
| Progeny Ag | P6355LL | LL | 6.3 | 1-Nov | 2.3 | 51 | 0 | 1.0 | 3063 | 52.8 |
| Stine | 61RF00 | RR2Y | 6.1 | 20-Oct | 3.4 | 67 | 0 | 1.0 | 3558 | 52.6 |
| Southern States | SS5711R2 | RR2Y | 5.7 | 14-Oct | 2.1 | 43 | 2 | 2.3 | 2580 | 52.2 |
| University of Arkansas | Osage | Conv | 5.6 | 9-Oct | 1.4 | 37 | 2 | 3.0 | 3625 | 51.9 |
| Southern States | SS5513NR2 | RR2Y | 5.5 | 12-Oct | 2.2 | 49 | 3 | 2.7 | 3192 | 51.6 |
| Doebler's | RPMDBS710RR | RR | 5.7 | 13-Oct | 2.5 | 56 | 2 | 1.7 | 3208 | 51.5 |
| USG | 75B75R | RR2Y | 5.7 | 14-Oct | 2.2 | 47 | 1 | 1.7 | 2983 | 51.2 |
| Stine | 58LC23 | LL | 5.8 | 10-Oct | 2.8 | 46 | 7 | 3.0 | 3331 | 51.0 |
| USG | 76G15L | LL | 6.1 | 23-Oct | 2.2 | 53 | 0 | 2.0 | 2710 | 50.7 |
| Southern Harvest | SH5515LL | LL | 5.5 | 10-Oct | 1.7 | 44 | 1 | 2.0 | 3696 | 50.2 |
| Southern Harvest | SH5915LL | LL | 5.9 | 19-Oct | 3.2 | 47 | 2 | 2.0 | 3110 | 50.1 |
| University of Arkansas | UA5612 | Conv | 5.6 | 13-Oct | 4.1 | 45 | 2 | 2.0 | 3624 | 48.6 |
| Terral Seed | REV57R21 | RR | 5.7 | 13-Oct | 2.8 | 54 | 0 | 2.3 | 3153 | 48.4 |
| Terral Seed | REV55R53 | RR | 5.5 | 10-Oct | 2.4 | 41 | 2 | 3.0 | 3324 | 47.2 |
| Montague | MFS-56P5 | Conv | 5.6 | 8-Oct | 2.2 | 40 | 8 | 3.0 | 4766 | 46.2 |
| USG | 75G95LS | LL/STS | 5.9 | 17-Oct | 2.4 | 45 | 7 | 2.3 | 3096 | 46.1 |
| Progeny Ag | P5960LL | LL | 5.9 | 10-Oct | 1.5 | 40 | 5 | 3.0 | 3732 | 45.5 |
| USDA-ARS | JTN-5110 | Conv | 5.5 | 7-Oct | 2.6 | 41 | 3 | 3.0 | 3363 | 45.1 |
| Montague | MFS-561 | Conv | 5.6 | 9-Oct | 1.7 | 37 | 0 | 2.3 | 5564 | 39.9 |
| Virginia Tech | V08-1924 | Conv | 5.8 | 8-Oct | 4.1 | 42 | 2 | 3.0 | 3500 | 39.0 |
| Progeny Ag | P6215RY | RR2Y | 6.2 | 17-Oct | 1.7 | 41 | 0 | 1.7 | 3389 | 30.3 |
| LSD P=.10 | | | | 3.07 | 0.7 | 4 | 2 | 0.5 | 176 | 8.4 |
| CV | | | | 5.07 | 21.4 | 6 | 85 | 17.8 | 4 | 11.9 |
| Grand Mean | | | | 14-Oct | 2.4 | 46 | 2 | 2.2 | 3277 | 51.9 |

Table 6f. Performance of Double-Crop Late Maturity Group V Entries at Blackstone, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | Yield (Bu/A) |
|------------------|-----------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | |
| Southern Harvest | SH5515LL | LL | 5.5 | | 1.0 | 22 | 1 | 2.0 | 3445 | 32.9 |
| Terral Seed | REV55R53 | RR | 5.5 | | 1.0 | 23 | 1 | 3.0 | 3095 | 31.5 |
| Dyna-Gro | 32RY55 | RR2Y | 5.5 | | 1.0 | 26 | 1 | 2.0 | 2776 | 31.1 |
| Southern States | SS5511NR2 | RR2Y | 5.5 | | 1.0 | 24 | 1 | 2.3 | 2827 | 30.3 |
| PUBLIC | GLENN | Conv | 5.6 | | 1.0 | 23 | 0 | 2.3 | 3165 | 28.7 |
| Virginia Tech | V10-0262 | Conv | 5.8 | | 1.0 | 23 | 1 | 2.0 | 3585 | 25.3 |
| Progeny Ag | P5555RY | RR2Y | 5.5 | | 1.0 | 25 | 1 | 2.0 | 3299 | 24.9 |
| Southern Harvest | SH6215 LL | LL | 6.2 | | 1.0 | 24 | 0 | 2.0 | 3450 | 24.8 |
| Southern Harvest | SH5912LL | LL | 5.9 | | 1.0 | 22 | 1 | 2.0 | 3557 | 24.8 |
| Montague | MFS-56P5 | Conv | 5.6 | | 1.0 | 23 | 0 | 2.3 | 4700 | 24.6 |
| Southern Harvest | SH5915LL | LL | 5.9 | | 1.0 | 24 | 0 | 2.3 | 3665 | 24.3 |
| Southern States | SS5615NR2 | RR2Y | 5.6 | | 1.0 | 23 | 0 | 2.0 | 3291 | 23.9 |
| Terral Seed | REV56R63 | RR | 5.6 | | 1.0 | 24 | 1 | 2.0 | 2170 | 23.4 |
| Southern States | SS5513NR2 | RR2Y | 5.5 | | 1.0 | 25 | 0 | 2.3 | 3008 | 22.2 |
| USDA-ARS | JTN-5110 | Conv | 5.5 | | 1.0 | 21 | 0 | 3.0 | 3433 | 21.7 |
| Pioneer | P56T29R2 | RR2Y | 5.6 | | 1.0 | 22 | 0 | 2.3 | 3540 | 21.7 |
| Progeny Ag | P5610RY | RR2Y | 5.6 | | 1.0 | 24 | 0 | 2.3 | 2963 | 21.3 |
| Progeny Ag | P5960LL | LL | 5.9 | | 1.0 | 18 | 0 | 2.7 | 3581 | 20.1 |
| Montague | MFS-561 | Conv | 5.6 | | 1.0 | 20 | 0 | 2.0 | 4925 | 20.0 |
| Asgrow | AG5533 | RR2Y/STS | 5.5 | | 1.0 | 21 | 0 | 2.7 | 3609 | 19.9 |
| Dyna-Gro | S56RY84 | RR2Y | 5.6 | | 1.0 | 25 | 0 | 2.0 | 3086 | 19.7 |
| Mycogen Seeds | 5N550R2 | RR2Y | 5.5 | | 1.0 | 25 | 0 | 2.9 | 3199 | 18.6 |
| Virginia Tech | V08-1924 | Conv | 5.8 | | 1.0 | 26 | 0 | 2.3 | 3620 | 18.4 |
| Progeny Ag | P5752RY | RR2Y | 5.7 | | 1.0 | 23 | 0 | 2.3 | 3373 | 17.7 |
| Pioneer | P53T73SR | RR/STS | 5.3 | | 1.0 | 18 | 0 | 2.7 | 3453 | 14.5 |
| Terral Seed | REV57R21 | RR | 5.7 | | 1.0 | 23 | 1 | 2.7 | 3885 | 13.8 |
| LSD P=.10 | | | | | 0.0 | 3 | 1 | 0.5 | 563 | 8.8 |
| CV | | | | | 0.0 | 11 | 147 | 15.8 | 12 | 27.9 |
| Grand Mean | | | | | 1.0 | 23 | 1 | 2.3 | 3412 | 23.1 |

Table 6g. Performance of Double-Crop Late Maturity Group V Entries at Painter, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | Yield (Bu/A) |
|------------------|-----------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | |
| Virginia Tech | V10-0262 | Conv | 5.8 | 3-Nov | 1.2 | 29 | 0 | 2.0 | 3235 | 42.1 |
| Dyna-Gro | S56RY84 | RR2Y | 5.6 | 6-Nov | 2.2 | 34 | 2 | 3.0 | 2881 | 40.6 |
| Mycogen Seeds | 5N550R2 | RR2Y | 5.5 | 4-Nov | 2.2 | 34 | 2 | 3.0 | 2720 | 39.9 |
| Southern States | SS5615NR2 | RR2Y | 5.6 | 6-Nov | 1.2 | 31 | 2 | 2.0 | 2956 | 38.9 |
| PUBLIC | GLENN | Conv | 5.6 | 3-Nov | 2.2 | 26 | 1 | 2.0 | 3210 | 38.2 |
| Dyna-Gro | 32RY55 | RR2Y | 5.5 | 8-Nov | 1.2 | 32 | 0 | 2.0 | 2486 | 38.1 |
| Progeny Ag | P5752RY | RR2Y | 5.7 | 4-Nov | 1.2 | 31 | 1 | 3.0 | 2893 | 37.5 |
| Montague | MFS-561 | Conv | 5.6 | 3-Nov | 1.0 | 23 | 0 | 2.0 | 4578 | 37.3 |
| Pioneer | P53T73SR | RR/STS | 5.3 | 3-Nov | 1.0 | 27 | 0 | 3.0 | 3131 | 37.2 |
| Progeny Ag | P5960LL | LL | 5.9 | 3-Nov | 1.0 | 27 | 0 | 3.0 | 3449 | 37.1 |
| Progeny Ag | P5555RY | RR2Y | 5.5 | 3-Nov | 2.0 | 33 | 2 | 3.0 | 2883 | 37.1 |
| USDA-ARS | JTN-5110 | Conv | 5.5 | 3-Nov | 1.7 | 28 | 0 | 3.0 | 2981 | 37.0 |
| Virginia Tech | V08-1924 | Conv | 5.8 | 8-Nov | 2.5 | 28 | 2 | 3.0 | 2879 | 36.7 |
| Asgrow | AG5533 | RR2Y/STS | 5.5 | 4-Nov | 2.3 | 31 | 1 | 3.0 | 2968 | 36.4 |
| Southern States | SS5511NR2 | RR2Y | 5.5 | 6-Nov | 1.3 | 30 | 1 | 3.0 | 2675 | 36.4 |
| Southern Harvest | SH6215 LL | LL | 6.2 | 8-Nov | 1.7 | 33 | 1 | 2.3 | 3134 | 36.4 |
| Progeny Ag | P5610RY | RR2Y | 5.6 | 8-Nov | 1.3 | 33 | 1 | 3.0 | 2561 | 36.4 |
| Southern Harvest | SH5515LL | LL | 5.5 | 3-Nov | 1.0 | 25 | 1 | 3.0 | 3076 | 36.0 |
| Southern Harvest | SH5915LL | LL | 5.9 | 8-Nov | 1.5 | 32 | 4 | 3.0 | 3136 | 35.3 |
| Terral Seed | REV56R63 | RR | 5.6 | 4-Nov | 1.7 | 33 | 3 | 2.7 | 3044 | 34.7 |
| Southern States | SS5513NR2 | RR2Y | 5.5 | 3-Nov | 2.0 | 33 | 0 | 3.0 | 2932 | 33.8 |
| Pioneer | P56T29R2 | RR2Y | 5.6 | 8-Nov | 1.0 | 28 | 1 | 3.0 | 3084 | 33.4 |
| Terral Seed | REV57R21 | RR | 5.7 | 6-Nov | 2.0 | 34 | 0 | 3.0 | 3121 | 33.4 |
| Southern Harvest | SH5912LL | LL | 5.9 | 4-Nov | 1.0 | 27 | 1 | 3.0 | 3419 | 33.3 |
| Montague | MFS-56P5 | Conv | 5.6 | 3-Nov | 1.0 | 25 | 2 | 2.0 | 4340 | 32.8 |
| Terral Seed | REV55R53 | RR | 5.5 | 4-Nov | 1.0 | 27 | 0 | 3.0 | 3058 | 30.8 |
| LSD P=.10 | | | | 2.48 | 0.6 | 4 | 2 | 0.2 | 160 | 5.8 |
| CV | | | | 2.74 | 28.5 | 9 | 104 | 5.8 | 4 | 11.7 |
| Grand Mean | | | | 5-Nov | 1.5 | 30 | 1 | 2.7 | 3109 | 36.4 |

Table 6h. Performance of Double-Crop Late Maturity Group V Entries at Suffolk, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | Yield (Bu/A) |
|------------------|-----------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | |
| Pioneer | P56T29R2 | RR2Y | 5.6 | 2-Nov | 1.0 | 31 | 0 | 2.3 | 3179 | 54.6 |
| Terral Seed | REV55R53 | RR | 5.5 | 2-Nov | 1.3 | 31 | 0 | 3.0 | 3147 | 53.6 |
| Virginia Tech | V10-0262 | Conv | 5.8 | 30-Oct | 1.0 | 29 | 0 | 3.0 | 3236 | 52.9 |
| Southern Harvest | SH6215 LL | LL | 6.2 | 5-Nov | 1.0 | 34 | 0 | 2.0 | 2963 | 52.2 |
| Progeny Ag | P5555RY | RR2Y | 5.5 | 30-Oct | 1.3 | 35 | 0 | 3.0 | 3001 | 52.1 |
| USDA-ARS | JTN-5110 | Conv | 5.5 | 2-Nov | 1.0 | 28 | 0 | 3.0 | 2849 | 51.7 |
| Terral Seed | REV57R21 | RR | 5.7 | 30-Oct | 1.5 | 30 | 0 | 3.0 | 3177 | 51.4 |
| Mycogen Seeds | 5N550R2 | RR2Y | 5.5 | 30-Oct | 1.5 | 33 | 0 | 3.0 | 2987 | 51.3 |
| Southern Harvest | SH5515LL | LL | 5.5 | 30-Oct | 1.2 | 33 | 0 | 3.0 | 3431 | 51.1 |
| Dyna-Gro | S56RY84 | RR2Y | 5.6 | 30-Oct | 1.3 | 34 | 0 | 3.0 | 3025 | 50.8 |
| Progeny Ag | P5610RY | RR2Y | 5.6 | 30-Oct | 1.3 | 35 | 0 | 3.0 | 2838 | 49.7 |
| Asgrow | AG5533 | RR2Y/STS | 5.5 | 30-Oct | 1.7 | 32 | 0 | 3.0 | 3086 | 49.6 |
| Southern States | SS5511NR2 | RR2Y | 5.5 | 27-Oct | 1.0 | 28 | 0 | 3.0 | 2850 | 48.8 |
| Terral Seed | REV56R63 | RR | 5.6 | 5-Nov | 1.2 | 35 | 1 | 2.7 | 2989 | 48.7 |
| Southern Harvest | SH5915LL | LL | 5.9 | 30-Oct | 1.2 | 30 | 0 | 3.0 | 3268 | 48.0 |
| Southern States | SS5615NR2 | RR2Y | 5.6 | 30-Oct | 1.0 | 27 | 0 | 2.3 | 3004 | 46.9 |
| Southern Harvest | SH5912LL | LL | 5.9 | 30-Oct | 1.2 | 28 | 0 | 3.0 | 3418 | 46.6 |
| Southern States | SS5513NR2 | RR2Y | 5.5 | 30-Oct | 1.2 | 32 | 0 | 3.0 | 3001 | 46.5 |
| Dyna-Gro | 32RY55 | RR2Y | 5.5 | 30-Oct | 1.0 | 29 | 0 | 3.0 | 2774 | 46.0 |
| Pioneer | P53T73SR | RR/STS | 5.3 | 30-Oct | 1.0 | 29 | 0 | 2.3 | 3348 | 45.7 |
| Progeny Ag | P5752RY | RR2Y | 5.7 | 30-Oct | 1.0 | 27 | 0 | 2.0 | 2987 | 45.4 |
| PUBLIC | GLENN | Conv | 5.6 | 26-Oct | 1.0 | 22 | 0 | 2.7 | 2996 | 44.8 |
| Progeny Ag | P5960LL | LL | 5.9 | 30-Oct | 1.0 | 30 | 0 | 3.0 | 3451 | 44.6 |
| Montague | MFS-56P5 | Conv | 5.6 | 26-Oct | 1.2 | 24 | 0 | 3.0 | 4327 | 42.5 |
| Montague | MFS-561 | Conv | 5.6 | 28-Oct | 1.0 | 24 | 0 | 2.0 | 4814 | 41.2 |
| Virginia Tech | V08-1924 | Conv | 5.8 | 2-Nov | 1.3 | 31 | 0 | 3.0 | 3162 | 38.6 |
| LSD P=.10 | | | | 3.91 | 0.4 | 4 | 0 | 0.4 | 136 | 5.7 |
| CV | | | | 4.72 | 22.1 | 11 | 314 | 9.3 | 3 | 8.6 |
| Grand Mean | | | | 30-Oct | 1.2 | 30 | 0 | 2.8 | 3204 | 48.3 |

Table 6i. Performance of Double-Crop Late Maturity Group V Entries at Warsaw, VA, 2015

| Brand | Variety | Herbicide Resistance | Relative Maturity | Maturity Date | Lodging (1-5) | Height (IN) | PSS (%) | Seed | | Yield (Bu/A) |
|------------------|-----------|----------------------|-------------------|---------------|---------------|-------------|---------|---------------|---------------------|--------------|
| | | | | | | | | Quality (1-5) | Seed Size (Seed/lb) | |
| Virginia Tech | V10-0262 | Conv | 5.8 | 1-Nov | 3.0 | 36 | 0 | 1.3 | 3153 | 61.5 |
| Pioneer | P53T73SR | RR/STS | 5.3 | 2-Nov | 1.7 | 38 | 0 | 1.7 | 3153 | 59.7 |
| Southern States | SS5513NR2 | RR2Y | 5.5 | 3-Nov | 4.3 | 45 | 0 | 1.0 | 2910 | 59.7 |
| Mycogen Seeds | 5N550R2 | RR2Y | 5.5 | 3-Nov | 4.4 | 46 | 1 | 1.7 | 2970 | 59.4 |
| Progeny Ag | P5610RY | RR2Y | 5.6 | 4-Nov | 2.8 | 41 | 0 | 1.3 | 2583 | 58.9 |
| Southern Harvest | SH5515LL | LL | 5.5 | 2-Nov | 1.5 | 30 | 0 | 1.0 | 3441 | 58.2 |
| Dyna-Gro | S56RY84 | RR2Y | 5.6 | 3-Nov | 3.9 | 44 | 1 | 1.3 | 2904 | 58.0 |
| Terral Seed | REV55R53 | RR | 5.5 | 2-Nov | 2.7 | 36 | 0 | 1.7 | 3048 | 57.4 |
| Asgrow | AG5533 | RR2Y/STS | 5.5 | 4-Nov | 3.6 | 43 | 1 | 2.0 | 3184 | 57.3 |
| Southern Harvest | SH5912LL | LL | 5.9 | 2-Nov | 2.3 | 41 | 0 | 1.3 | 3402 | 57.3 |
| USDA-ARS | JTN-5110 | Conv | 5.5 | 30-Oct | 2.8 | 39 | 0 | 1.7 | 3013 | 57.1 |
| Pioneer | P56T29R2 | RR2Y | 5.6 | 3-Nov | 3.2 | 42 | 2 | 2.0 | 3111 | 56.6 |
| Progeny Ag | P5960LL | LL | 5.9 | 2-Nov | 2.7 | 38 | 1 | 1.7 | 3449 | 56.5 |
| Southern States | SS5615NR2 | RR2Y | 5.6 | 3-Nov | 2.9 | 42 | 0 | 1.3 | 3138 | 54.7 |
| Progeny Ag | P5752RY | RR2Y | 5.7 | 3-Nov | 3.2 | 44 | 1 | 1.7 | 3000 | 54.5 |
| PUBLIC | GLENN | Conv | 5.6 | 30-Oct | 3.4 | 31 | 0 | 1.7 | 3514 | 54.3 |
| Progeny Ag | P5555RY | RR2Y | 5.5 | 3-Nov | 3.6 | 44 | 1 | 1.7 | 2945 | 54.3 |
| Dyna-Gro | 32RY55 | RR2Y | 5.5 | 4-Nov | 3.2 | 41 | 0 | 1.0 | 2688 | 53.7 |
| Southern States | SS5511NR2 | RR2Y | 5.5 | 4-Nov | 2.9 | 38 | 0 | 1.7 | 2719 | 52.0 |
| Terral Seed | REV57R21 | RR | 5.7 | 4-Nov | 3.3 | 48 | 1 | 1.7 | 3254 | 51.5 |
| Terral Seed | REV56R63 | RR | 5.6 | 4-Nov | 3.3 | 41 | 3 | 2.3 | 3070 | 51.1 |
| Southern Harvest | SH5915LL | LL | 5.9 | 4-Nov | 3.8 | 43 | 2 | 1.7 | 3183 | 50.1 |
| Southern Harvest | SH6215 LL | LL | 6.2 | 5-Nov | 3.0 | 42 | 1 | 1.7 | 3180 | 48.4 |
| Montague | MFS-561 | Conv | 5.6 | 30-Oct | 2.6 | 32 | 0 | 1.0 | 4984 | 48.3 |
| Virginia Tech | V08-1924 | Conv | 5.8 | 2-Nov | 4.5 | 40 | 0 | 2.0 | 3214 | 48.2 |
| Montague | MFS-56P5 | Conv | 5.6 | 30-Oct | 1.9 | 34 | 0 | 1.0 | 4431 | 47.6 |
| LSD P=.10 | | | | 1.31 | 1.0 | 3 | 1 | 0.6 | 197 | 6.1 |
| CV | | | | 1.5 | 22.4 | 6 | 173 | 30.6 | 4 | 8.2 |
| Grand Mean | | | | 2-Nov | 3.1 | 40 | 1 | 1.5 | 3217 | 54.9 |

