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VIRGINIA SOYBEAN PERFORMANCE TESTS

2014

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Tidewater Agricultural Research and Extension Center

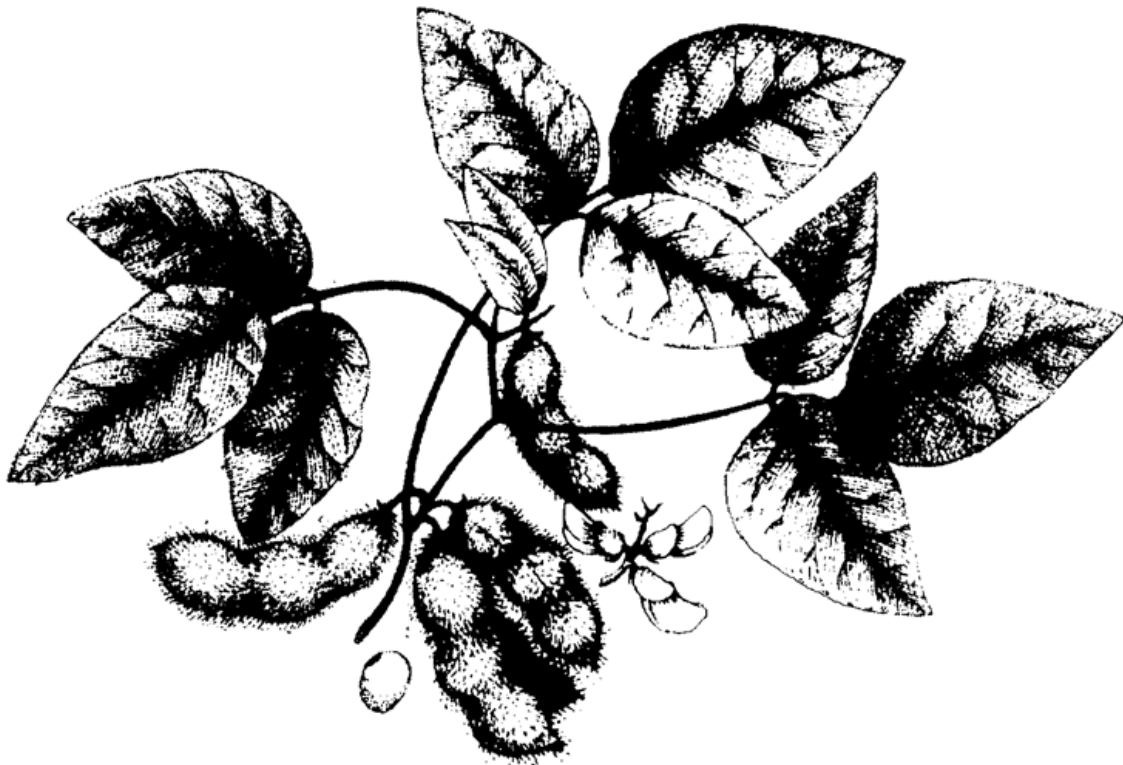
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Great Heart Seed	Virginia Tech
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All County Extension Agents for an excellent job of disseminating this information

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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 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 (bu/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) and late (RMG 4.7-4.9) tests. Data were subjected to analysis of variance and means were separated with Fisher's Protected LSD test ($p = 0.10$).

INTERPRETING THE RESULTS

Pages 8 through 16 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. Relative yield may be used however. Relative yield is calculated by dividing the yield of a variety by the average yield of all varieties within the same maturity group at that site. A variety with a relative yield of 105 would be 5% above the average of all varieties at that site. Relative yield is not an actual yield, but a value that is relative to all other yield values at that site. Varieties are ranked by average relative 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	5/20	No-Till	Dual II Mag Sonic	5/20	None	Durham sandy loam	15"	5	4	17'
Orange-FS	5/19	No-Till	Dual II Mag Sonic First Rate, Select	5/19 6/26	None	Davidson clay loam	15"	5	4	17'
Painter-FS	5/28	Conv.	Dual II Mag, TriCor DF Reflex, Basagran Select	6/1 6/25 7/30	Baythroid XL 9/4	Bojac sandy loam	15"	5	4	17'
Suffolk-FS	6/16	Conv.	Dual II Mag Sonic	5/29	Baythroid XL 8/26	Dragston fine sandy loam / Eunola loamy fine sand	15"	5	4	17'
Warsaw-FS	5/25	Conv.	Dual Mag First Rate	5/20	None	Kempsville loam	30"	4	2	12'
Blackstone-DC	6/24	No-Till	Dual II Mag Sonic	6/24	None	Durham sandy loam	15"	5	4	17'
Orange-DC	6/13	No-Till	Dual II Mag Sonic	6/13	None	Rapidan silt loam	15"	5	4	17'
Painter-DC	7/7	No-Till	Dual II Mag TriCor DF	7/10	None	Bojac sandy loam	15"	5	4	17'
Suffolk-DC	6/25	No-Till	Dual II Mag Sonic	6/26	Baythroid XL 9/2	Dragston fine sandy loam	15"	5	4	17'
Warsaw-DC	6/24	No-Till	Dual II Mag	6/23	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	2014	4.13	3.10	2.94	5.55	4.30	3.14	23.16
	64-yr Avg.	3.83	3.89	4.83	3.98	3.80	3.35	23.68
Orange	2014	7.57	4.08	3.18	2.35	1.23	4.33	22.74
	73-yr. Avg.	3.93	3.82	4.34	3.82	3.84	3.52	23.27
Painter	2014	6.48	1.99	3.18	3.22	5.65	1.76	22.28
	74-yr Avg.	3.38	3.75	4.54	4.34	4.36	3.52	23.89
Suffolk	2014	4.76	3.41	3.89	6.61	7.88	1.46	28.01
	80-yr. Avg.	3.93	4.19	5.55	5.78	4.30	3.52	27.27
Warsaw	2014	4.43	3.05	3.03	3.60	2.71	2.00	18.82
	46-yr Avg.	4.08	3.90	4.19	4.47	4.29	3.44	24.37

SUPPLIERS OF SOYBEAN VARIETIES TESTED

SUPPLIER	BRAND	VARIETY
Armor Seed 183 Pennsylvania Ave. Waldenburg, AR 72475	Armor	44-R08,AX4440, AX4441, AX4450, 46-R65, 47-R13, AX4470, AX4471, 48-R66, AX4480, AX4490, 49-R56, 50-R44, AX4500, AX4520
Asgrow 800 N. Lindbergh Blvd. St. Louis, MO 63167	Asgrow	AG4232, AG4632, AG4633, AG4835, AG4934, AG4933, AG5332, AG5335, AG5535, AG5632
Bayer Crop Science 1502 Clarksville Dr. Scotland Neck, NC 27874	CZ, HBK	3539LL , 3841LL, 4181RY, 4748LL, 4959RY, 5150LL, 5242LL, 4650LL, 4653LL, 4620RY, 4721RY, 4850LL, 4950LL, 4953LL, 5221RY, 5421RY
Channel 800 N. Lindbergh Blvd. St. Louis, MO 63167	Channel	3806R2/STS, 4206R2, 4508R2/SR, 4806R2/STS, 5307R2
Coastal AgroBusiness PO Box 856 Greenville, NC 27835	Stine	49LD02, 51LE20, 51RD02, 54LE23, EX6.0, 6202-4
Crop Production Services 1140 Sweet Road East Aurora, NY 14052	Dyna-Gro	39RY43, 31RY45, S46RY85, 37RY47, S48RS53, S49RY25, S51RY45, S52RY75, S53RY23, 32RY55, S56RY84
Doebler's PA Hybrids Inc. 202 Tiadaghton Avenue Jersey Shore, PA 17740	RPM	DB3315RR, DB3815RR, DB4415RR, DB4715RR, DB5215RR
Dupont Pioneer 59 Greif Parkway, Suite 200 Delaware, OH 43015	Pioneer	P39T67R, P46T21R, P48T53R, P49T80R, P50T64R, P52T50R, P53T73SR
Great Heart Seed 220 W. Washington St. Paris, IL 61944	Great Heart	GT-469RR2Y/STS, GT-500RR2/STS
Hubner Seed 204 Lee Ave. Galena, MD 21635	Hubner	H32-13R2, H44-15R2SR, H48-13R2SR, H49-15R2SR, H55-13R2, H58-12R2
Meherrin Ag & Chemical Co 4020 Wake Forest Rd., Suite 110 Raleigh, NC 27609	Southern Harvest	SH4715LL, SH4913LL, SH5215LL,SH5515LL, SH5614LL/STS, SH5912LL

Mid-Atlantic Seeds 204 ST. Charles Way 163E York, PA 17403	Mid-Atlantic	MA4222nRR2, MA4355RR2n/STS, MA4504nRR2/STS, MA4614RR2/STS, MA4722RR2/STS
Montague Farms 35212 Tidewater Trail Center Cross, VA 22437	Montague	V09-3876, MFS-56P5, MFS-561, MFS-56W3
Progeny Ag Products 1529 Hwy. 193 Wynne, AR 72396	Progeny	4613RYS, 4747RY, 4788RY, 4850RYS, 4900RY, 5220LLS, 5213RY, 5333RY, 5460LL, 5555RY, 5610RY, 5711RY, 5960LL
Schillinger Genetics 4401 Westown Parkway, Suite 225 West Des Moines, IA 50266	eMerge	E3553, E3692S, E3782S, E4510S, E4892S, E4993
Southern States Coop 6606 W Broad St Richmond, VA 23230	Southern States	SS3811NR2, SS3813NR2, SS3914NSR2, SS4114NR2, LL423N, SS4312NR2, SS4514NR2, SS4714NSR2, SS4725NSR2, SS4700R2-STS, SS4913NR2, SS4917NR2, LL513N, SS5213NR2, SS5511NR2, SS5513NR2, SS5711R2, SS5911NR2
T.A. Seeds 39 Seeds Lane Jersey Shore, PA 17740	T.A. Seeds	TS3959R2, TS4339R2, TS4939R2, TS5659R2
UniSouth Genetics, Inc. 3205C Hwy 46 S Dickson, TN 37055	USG	73P93R, 74F12R, 74F24RS, 74G23L, 74D32R, 74B42R, 74F53R, 74G63L, 74G74LS, 74A79R, 74B83R, 74G82L, 74B81R, ELLIS, 74A92R, 74H92R, 74B94RS, 75G24L, 75Q52R, 75J62R, 75J90R, 76S22R
University of Arkansas 115 Plant Science Building Fayetteville, AR 72701	Public	R05-3239, UA5213C, R04-1268RR, UA5612
U.S. Seeds 2532 Alexander Dr. Jonesboro, AR 72475	Halo	X435, X436, X438, X440, 4:40, 4:76, X448, X449, 4:94, 4:97, 4:95, 5:01, X451, 5:26, 5:25, X452, 5:45
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, V09- 0579, V10-0262

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Table 1a. Yield summaries for maturity group III entries.

Brand	Variety	Herb Resist	Relative Maturity	Full-Season			
				ORG	PTR	WAR	Avg
T.A. Seeds	TS3959R2	RR2Y/STS	3.9	60.0	42.2	52.9	51.7
Channel	3806R2/STS	RR2Y/STS	3.8	60.3	38.2	55.1	51.2
Halo	X436	LL	3.6	59.7	39.0	52.6	50.4
Halo	X435	LL	3.5	59.6	35.5	54.2	49.8
CZ	3539LL	LL	3.5	62.6	35.4	49.6	49.2
Hubner Seed	H32-13R2	RR2Y	3.2	54.3	36.7	55.0	48.7
Pioneer	P39T67R	RR	3.9	53.2	38.1	53.7	48.3
Southern States	SS3914NSR2	RR2Y/STS	3.9	55.3	38.9	49.7	48.0
Halo	X438	LL	3.8	59.2	33.9	49.8	47.6
Doebler's	DB3815RR	RR	3.8	50.7	38.2	53.9	47.6
Southern States	SS3811NR2	RR2Y	3.8	58.3	37.3	46.8	47.5
Southern States	SS3813NR2	RR2Y	3.8	52.6	35.1	51.8	46.5
CZ	3841LL	LL	3.8	53.7	36.8	47.9	46.1
eMerge	E3692S	CONV	3.6	50.5	33.7	48.9	44.4
eMerge	E3782S	CONV	3.7	49.7	36.6	45.2	43.8
Doebler's	DB3315RR	RR	3.3	45.6	37.3	47.7	43.5
eMerge	E3553	CONV	3.5	49.3	36.3	43.2	42.9
LSD (P=.10)				9.9	5.3	9.2	
CV				13.0	10.4	13.2	
Grand Mean				55.0	37.0	50.5	

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Table 1b. Yield summaries of early maturity group IV entries

Brand	Variety	Herb Resist	Relative Maturity	Full-Season						Double-Crop						FS & DC		
				BLK	ORG	PTR	SUF	WAR	AVG	BLK	ORG	PTR	SUF	WAR	AVG	AVG	Yield	
Armor	AX4450	RR2Y	4.5	88.3	57.9	51.0	80.6	46.7	64.9								64.9	111
Mid-Atlantic Seeds	MA4355RR2n/STS	RR2/STS	4.3							74.6	45.2	50.6	69.4	47.4	57.4		57.4	109
Mid-Atlantic Seeds	MA4614RR2/STS	RR2/STS	4.6							73.1	42.1	50.1	69.5	49.6	56.9		56.9	108
Armor	46-R65	RR2Y	4.6	72.1	70.6	49.4	75.5	46.7	62.9								62.9	108
Dyna-Gro	31RY45	RR2Y	4.5	80.2	66.8	43.6	75.8	45.9	62.5	73.3	53.8	42.4	70.0	47.6	57.4		59.9	108
Dyna-Gro	S46RY85	RR2Y	4.6	71.1	67.3	45.1	79.8	49.1	62.5								62.5	107
Asgrow	AG4632	RR2Y/STS	4.6	76.4	77.0	48.9	75.3	44.7	64.5	74.7	44.1	38.5	74.1	45.4	55.4		59.9	107
Southern States	LL423N	LL	4.2	73.3	75.1	43.1	70.2	45.4	61.4								61.4	105
Pioneer	P46T21R	RR	4.6	64.7	70.7	42.1	77.0	42.8	59.5	73.6	47.5	46.6	70.6	44.8	56.6		58.0	104
Asgrow	AG4232	RR2Y/STS	4.2	76.4	58.8	41.9	69.5	47.3	58.8	57.9	46.5	44.8	80.1	49.0	55.7		57.2	103
Channel	4206R2	RR2Y	4.2	62.1	81.6	41.1	80.8	40.0	61.1								61.1	103
Halo	4:40	LL	4.4	71.4	69.7	43.5	66.8	46.8	59.6								59.6	102
Dyna-Gro	39RY43	RR2Y	4.3	67.0	67.6	39.6	73.7	49.8	59.5								59.5	102
Mid-Atlantic Seeds	MA4504nRR2/STS	RR2/STS	4.5							69.4	45.8	43.4	64.3	45.0	53.6		53.6	102
USG	74F24RS	RR2Y/STS	4.2							66.9	46.1	46.0	63.4	44.3	53.3		53.3	102
CZ	4181RY	RR2Y	4.1	68.4	71.1	45.4	70.0	42.0	59.4								59.4	101
Progeny	4613RYS	RR2Y/STS	4.6	64.5	69.9	40.4	66.7	43.3	57.0	63.6	43.7	49.0	71.4	48.0	55.1		56.1	101
Southern States	SS4514NR2	RR2Y	4.5	76.0	55.3	41.1	73.1	49.3	59.0								59.0	101
USG	74G23L	LL	4.2							63.1	49.9	44.3	64.5	40.9	52.5		52.5	100
HBK	4620RY	RR2Y	4.6	71.4	68.3	40.5	73.0	42.5	59.1								59.1	100
Mid-Atlantic Seeds	MA4222nRR2	RR2Y	4.2							59.8	41.4	44.3	73.0	45.2	52.7		52.7	100
Armor	44-R08	RR2Y	4.4	68.1	57.9	46.1	70.0	47.2	57.9								57.9	100
Channel	4508R2/SR	RR2Y/STS	4.5	70.9	70.4	44.8	64.2	41.8	58.4	57.3	43.9	47.6	69.2	42.7	52.1		55.3	100
Southern States	SS4312NR2	RR2Y	4.3	65.9	70.3	44.4	68.1	42.5	58.2								58.2	100
Asgrow	AG4633	RR2Y	4.6	71.9	58.9	41.2	66.1	48.2	57.3	70.3	43.8	39.0	68.5	44.5	53.2		55.2	99
USG	74F53R	RR2Y/STS	4.5	66.2	63.6	45.1	67.4	49.2	58.3	66.9	41.9	35.8	66.0	48.1	51.7		55.0	99
Great Heart Seed	GT-469RR2Y/STS	RR2Y/STS	4.6	64.7	68.1	43.2	63.9	47.4	57.5								57.5	99
Armor	AX4440	RR2Y	4.4	69.7	70.0	44.6	67.0	38.2	57.9								57.9	99
USG	73P93R	RR2Y	3.9							60.1	41.6	47.8	60.8	44.9	51.0		51.0	98
HBK	4653LL	LL	4.6	71.3	61.4	44.6	64.9	42.5	56.9								56.9	98
Halo	X440	LL	4	67.9	70.0	35.6	62.9	48.7	57.0								57.0	97
USG	74B42R	RR2Y	4.4							54.0	48.0	43.6	60.7	44.1	50.1		50.1	97

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Table 1b. Yield summaries of early maturity group IV entries

Brand	Variety	Herb Resist	Relative Maturity	Full-Season						Double-Crop						FS & DC	
				BLK	ORG	PTR	SUF	WAR	AVG	BLK	ORG	PTR	SUF	WAR	AVG	AVG	Yield
Hubner Seed	H44-15R2SR	RR2Y/STS	4.4	58.7	55.9	45.6	67.7	38.7	53.3	59.8	46.0	50.0	64.2	39.8	52.0	52.6	96
T.A. Seeds	TS4339R2	RR2Y	4.3	67.4	69.2	34.4	69.3	43.0	56.7							56.7	96
HBK	4650LL	LL	4.6	64.0	63.6	39.7	68.6	43.4	55.9							55.9	95
eMerge	E4510S	CONV	4.5	70.0	69.9	37.5	62.7	41.0	56.2							56.2	95
USG	74D32R	RR2Y	4.3							62.7	51.0	37.7	50.6	40.6	48.5	48.5	93
Doebler's	DB4415RR	RR	4.4	64.0	57.1	41.6	67.8	40.5	54.2	67.6	37.8	37.4	59.6	40.5	48.6	51.4	92
HBK	4721RY	RR2Y	4.7	64.6	51.8	40.0	68.4	42.7	53.5	66.5	36.9	40.5	55.4	44.1	48.7	51.1	92
USG	74G63L	LL	4.6	70.9	62.3	40.7	63.0	42.7	55.9	59.3	40.0	39.8	53.6	38.8	46.3	51.1	92
USG	74F12R	RR2Y	4.1							58.7	38.0	43.1	59.7	40.8	48.1	48.1	92
Southern States	SS4114NR2	RR2Y	4.1	61.6	55.6	39.6	63.4	43.9	52.8							52.8	91
Armor	AX4441	RR2Y	4.4	57.0	58.8	32.1	66.8	47.8	52.5							52.5	90
LSD (P=.10)				9.0	10.5	7.8	11.3	7.8		9.3	9.4	8.7	8.2	5.0			
CV				9.5	11.7	13.4	11.8	12.8		10.4	15.4	14.5	9.1	8.2			
Grand Mean				69.2	65.6	42.5	70.3	44.9		65.2	44.3	43.7	65.4	44.4			

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

Brand	Variety	Herb Resist	Relative Maturity	Full-Season						Double-Crop						FS & DC	
				BLK	ORG	PTR	SUF	WAR	AVG	BLK	ORG	PTR	SUF	WAR	AVG	AVG	Yield
Asgrow	AG4835	RR2Y/STS	4.8	76	72.7	52.6	75.5	57.2	66.8	85.5	53.5	52.9	79.3	64.0	67.0	66.9	109
Stine	49LD02	LL	4.9	80.8	66.8	56.1	78.6	53.4	67.1							67.1	108
USG	ELLIS	CONV	4.9	75.4	67.9	58.1	79.1	54.2	66.9	75.6	54.9	65.3	68.0	61.4	65.0	66.0	108
HBK	4950LL	LL	4.9	78.1	54.7	61.3	84.0	51.1	65.8	76.4	51.6	61.4	85.2	59.6	66.8	66.3	108
Southern Harvest	SH4913LL	LL	4.9	70.8	53.2	56.5	89.3	53.6	64.7	81.3	47.2	69.7	78.2	57.1	66.7	65.7	107
USG	74B83R	RR2Y/STS	4.8	81.3	62.3	64.1	72.8	47.8	65.7	74.7	55.2	66.7	65.3	58.2	64.0	64.8	106
HBK	4850LL	LL	4.8	73.4	64.7	63.4	79.3	47.6	65.7							65.7	106
CZ	4748LL	LL	4.7	72.2	71.0	55.9	79.7	49.9	65.7							65.7	106
HBK	4953LL	LL	4.9	72.9	59.9	56.8	79.9	52.0	64.3	74.1	44.1	63.5	84.3	60.2	65.2	64.8	105
Channel	4806R2/STS	RR2Y/STS	4.8	71.4	65.5	53.4	78.9	45.9	63.0	78.7	58.3	57.0	77.5	58.4	66.0	64.5	105
Southern States	SS4714NSR2	RR2Y/STS	4.7	65.1	64.9	52.6	79.3	51.2	62.6	77.4	50.3	61.2	81.1	60.0	66.0	64.3	105
Asgrow	AG4934	RR2Y/STS	4.9	71.7	67.2	58.7	71.1	52.5	64.2	72.0	48.7	62.1	76.5	56.8	63.2	63.7	104
Armor	47-R13	RR2Y	4.7	79.2	68.2	50.1	67.4	55.1	64.0							64.0	104
USG	74G74LS	LL/STS	4.7							70.0	47.7	64	73.9	58.6	62.8	62.8	104
Halo	X448	LL	4.8	74.6	79.1	49.9	69.0	49.0	64.3							64.3	104
Asgrow	AG4933	RR2Y	4.9	71.1	69.8	57.9	77.0	47.5	64.7	70.3	48.5	62.6	75.8	54.1	62.3	63.5	103
Univ Arkansas	R05-3239	CONV	4.9	79.2	63.4	55.1	69.4	51.7	63.8							63.8	103
eMerge	E4993	CONV	4.9	66.1	72.2	57.2	70.5	51.2	63.4							63.4	103
Armor	48-R66	RR2Y	4.8	71.9	68.4	57.2	76.5	46.0	64.0							64.0	103
Pioneer	P49T80R	RR	4.9	69.4	65.5	56.2	69.9	45.8	61.4	76.9	49.0	56.3	79.3	64.1	65.1	63.2	103
Progeny	4850RYS	RR2Y/STS	4.8	68.9	70.8	56.9	77.0	47.7	64.3	69.9	47.1	62.6	67.9	61.1	61.7	63.0	103
Dyna-Gro	S48RS53	RR2Y/STS	4.8	67.2	72.3	54.3	72.0	50.5	63.3	74.1	49.5	62.4	67.8	56.6	62.1	62.7	103
Armor	AX4490	RR2Y	4.9	70.7	69.0	55.4	75.9	46.3	63.5							63.5	102
Armor	49-R56	RR2Y	4.9	69.7	70.2	52.0	72.9	50.8	63.1							63.1	102
Armor	AX4470	RR2Y	4.7	76.5	68.1	55.1	68.0	48.0	63.1							63.1	102
Halo	X449	LL/STS	4.9	78.6	63.2	53.0	75.6	46.6	63.4							63.4	102
Halo	4:94	LL	4.9	72.9	62.5	56.0	71.9	50.5	62.8							62.8	102
Southern Harvest	SH4715LL	LL	4.7	75.2	66.3	48.9	80.3	45.0	63.1	68.7	54.6	48.6	71.9	62.5	61.3	62.2	101
Southern States	SS4700R2-STS	RR2Y/STS	4.7	66.5	66.7	51.1	73.7	47.8	61.2	73.9	52.5	54.7	74.2	57.1	62.5	61.8	101
Halo	4:97	LL/STS	4.9	67	60.9	57.9	79.0	46.5	62.3							62.3	101
USG	74A92R	RR2Y	4.9	70.2	65.5	53.4	69.2	46.3	60.9	69.7	55.2	48.7	78.8	59.2	62.3	61.6	101
Southern States	SS4725NSR2	RR2Y/STS	4.7	63.7	70.3	52.5	70.0	53.9	62.1	68.8	47.9	57.9	67.4	59.3	60.3	61.2	100
USG	74G82L	LL	4.8							65.4	48.5	57.5	74.1	58.2	60.7	60.7	100

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

Brand	Variety	Herb Resist	Relative Maturity	Full-Season						Double-Crop						FS & DC		
				BLK	ORG	PTR	SUF	WAR	AVG	BLK	ORG	PTR	SUF	WAR	AVG	AVG	Yield	
Halo	4:76	LL	4.7	72.5	73.3	50.1	64.1	49.5	61.9								61.9	100
Dyna-Gro	37RY47	RR2Y/STS	4.7	72.8	69.1	53.7	58.7	51.9	61.2								61.2	100
Dyna-Gro	S49RY25	RR2Y	4.9	63.1	68.6	51.4	71.6	48.0	60.5	72.2	48.5	57.3	73.7	57.0	61.7		61.1	100
Halo	4:95	LL	4.9	68.8	63.6	55.7	75.8	45.3	61.8								61.8	100
Pioneer	P48T53R	RR	4.8	66.6	71.7	52.4	71.0	50.9	62.5	79.4	49.3	43.4	69.6	56.0	59.5		61.0	99
USG	74B94RS	RR2Y/STS	4.9	71.8	61.0	53.5	72.1	53.0	62.3	77.1	47.5	46.3	71.4	51.0	58.7		60.5	98
Southern States	SS4913NR2	RR2Y	4.9	65.3	63.8	50.1	64.6	50.8	58.9	76.0	50.1	54.2	68.8	56.7	61.2		60.0	98
Armor	AX4471	RR2Y	4.7	67.2	62.0	51.2	77.4	46.7	60.9								60.9	98
Doebler's	DB4715RR	RR	4.7	72	65.8	52.0	69.4	45.8	61.0	74.8	48.7	50.4	64.9	57.2	59.2		60.1	98
VA TECH	V09-0610	STS		76.7	56.9	64.2	69.5	49.3	63.3	61.0	38.3	61.9	60.8	57.1	55.8		59.6	98
Mid-Atlantic Seeds	MA4722RR2/ST	RR2Y/STS	4.7							73.8	52.2	44.5	67.3	58.6	59.3		59.3	98
Seed Consultants	SCS9494RR	RR	4.9	73.5	57.4	62.6	72.1	48.9	62.9	68.3	42.6	47.6	66.0	57.9	56.5		59.7	97
USG	74A79R	RR2Y/STS	4.7	66.4	60.7	50.9	79.8	44.3	60.4	66.4	51.2	46.5	73.0	58.5	59.1		59.8	97
Progeny	4747RY	RR2Y	4.7	65.1	65.5	47.7	69.6	44.5	58.5	72.3	50.2	46.0	77.0	59.4	61.0		59.7	97
Southern States	SS4917NR2	RR2Y	4.9	64.1	60.9	48.7	76.5	46.5	59.3	66.5	55.7	55.8	69.1	49.4	59.3		59.3	97
USG	74H92R	RR2Y	4.9	67.4	68.9	49.9	75.5	43.3	61.0	70.0	43.8	55.5	57.7	60.6	57.5		59.3	97
USG	74B81R	RR2Y/STS	4.8	62.1	60.1	44.5	66.4	43.2	55.3	73.1	58.0	53.2	68.8	55.8	61.8		58.5	96
Progeny	4900RY	RR2Y	4.9	67.6	71.1	57.0	73.3	46.1	63.0	69.4	44.5	46.3	59.3	47.9	53.5		58.3	95
Dyna-Gro	S46RY85	RR2Y	4.6	65.5	71.4	49.2	67.3	41.3	58.9								58.9	95
T.A. Seeds	TS4939R2	RR2Y	4.9	69.4	64.0	51.2	72.3	38.0	59.0								59.0	94
CZ	4959RY	RR2Y	4.9	64	60.7	51.6	71.9	47.9	59.2	69.7	43.3	51.4	63.3	53.2	56.2		57.7	94
Hubner Seed	H49-15R2SR	RR2Y/STS	4.9	67.2	66.7	49.5	70.2	47.1	60.1	57.9	45.4	48.0	76.3	48.8	55.3		57.7	94
Progeny	4788RY	RR2Y	4.7	62.9	62.2	53.1	71.5	36.8	57.3	70.4	44.0	53.1	69.2	54.5	58.2		57.8	94
Hubner Seed	H48-13R2SR	RR2Y/STS	4.8	59.3	64.4	45.0	70.4	46.0	57.0	58.3	54.4	57.9	66.2	48.3	57.0		57.0	94
VA TECH	V11-2149	CONV		60.8	72.7	43.0	70.4	24.8	54.3	67.2	50.1	63.7	73.0	51.8	61.2		57.8	93
eMerge	E4892S	CONV	4.7	65.8	63.9	48.8	64.9	42.9	57.3								57.3	92
HBK	4721RY	RR2Y	4.7	62.15	58.2	54.5	64.7	45.8	57.0	70.8	49.1	37.2	62.9	50.9	54.2		55.6	91
Armor	AX4480	RR2Y	4.8	61.7	63.3	40.4	66.3	46.5	55.6								55.6	90
USG	74G63L	LL	4.6							63.5	49.7	38.7	47.9	49.8	49.9		49.9	83
LSD (P=.10)				10.79	10.6	10.2	9.8	8.6		8.6	9.9	11.7	10.7	6.8				
CV				11.43	11.9	14.0	10.0	13.3		8.8	14.7	15.7	11.1	8.8				
Grand Mean				69.71	65.6	53.7	72.7	47.7		71.5	49.5	54.8	70.8	56.7				

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

Brand	Variety	Herb Resist	Relative Maturity	Full-Season						Double-Crop					FS & DC		
				BLK	ORG	PTR	SUF	WAR	AVG	c	BLK	PTR	SUF	WAR	AVG	AVG	Yield
Southern States	LL513N	LL	5.1	79.6	59.2	73.4	76.6	56.6	69.1							69.1	114
Halo	X451	LL	5.1	71.8	57.3	78.5	78.3	53.9	68.0							68.0	112
Southern Harvest	SH5215LL	LL	5.2	81.6	58.5	66.5	72.8	55.8	67.0	75.4	63.1	70.4	66.5	68.9		67.8	110
Halo	5:26	LL	5.2	76.7	61.9	54.9	83.6	54.1	66.2							66.2	109
Stine	51LE20	LL	5.1	78.1	53.5	67.1	78.4	50.4	65.5							65.5	107
Halo	5:01	LL	5.0	73.2	52.1	57.0	85.2	56.7	64.8							64.8	106
CZ	5242LL	LL	5.2	75.0	53.5	77.2	76.2	51.8	66.7	74.3	51.6	66.7	60.2	63.2		65.2	105
Southern States	SS5213NR2	RR2Y	5.2	64.6	59.4	68.2	65.3	57.1	62.9	70.5	58.7	78.2	57.3	66.2		64.4	105
Pioneer	P52T50R	RR	5.2	66.1	62.1	63.4	69.8	55.0	63.3							63.3	105
CZ	5150LL	LL	5.1	64.6	56.1	62.8	67.8	55.4	61.3	72.8	59.4	72.4	65.0	67.4		64.0	104
Halo	5:25	LL	5.2	69.4	67.5	64.4	66.9	46.7	63.0							63.0	104
Armor	AX4520	RR2Y	5.2	69.3	49.6	64.0	81.1	52.1	63.2							63.2	103
VA TECH	V10-1687	CONV		67.9	57.3	64.6	65.7	50.6	61.2	74.3	52.1	74.9	65.2	66.6		63.6	103
Halo	5:45	LL	5.4	80.9	56.0	59.4	63.5	52.3	62.4							62.4	103
USG	75G24L	LL	5.2							70.2	57.5	69.2	59.6	64.1		64.1	103
Halo	X452	LL	5.2	77.9	45.6	62.7	72.4	54.3	62.6							62.6	102
Progeny	5460LL	LL	5.4	70.5	48.9	72.9	75.1	46.8	62.8	74.5	52.8	66.3	60.1	63.4		63.1	102
Pioneer	P53T73SR	RR	5.3							78.4	48.7	69.9	57.8	63.7		63.7	101
Asgrow	AG5332	RR2Y	5.3	71.4	54.5	56.1	77.3	50.3	61.9	77.5	48.8	61.0	63.7	62.8		62.3	101
VA TECH	V11-0730	CONV		72.2	62.7	50.6	69.0	48.3	60.6	70.5	55.4	66.1	61.9	63.5		61.9	100
Dyna-Gro	S52RY75	RR2Y	5.2							67.6	56.6	69.7	56.4	62.6		62.6	100
Public	Glenn	CONV	5.3	74.3	53.4	61.2	67.9	49.5	61.3	55.7	57.8	67.0	63.7	61.1		61.2	100
Asgrow	AG5335	RR2Y/STS	5.3	76.2	56.0	60.1	53.4	51.6	59.5	71.7	51.0	64.2	65.4	63.1		61.1	99
Channel	5307R2	RR2Y	5.3	72.0	60.5	52.7	59.8	45.2	58.0	73.1	52.3	69.4	64.7	64.9		61.1	99
VA TECH	V09-0579	STS		64.1	40.4	60.0	77.0	52.4	58.8	67.6	57.7	71.9	59.2	64.1		61.1	99
Progeny	5333RY	RR2Y	5.3	64.5	54.8	55.2	73.3	51.7	59.9	72.9	51.1	64.5	60.1	62.2		60.9	99
HBK	5421RY	RR2Y	5.4	70.2	57.2	62.2	72.2	45.8	61.5	59.5	56.0	68.1	53.2	59.2		60.5	98
Doebler's	DB5215RR	RR	5.2	63.5	45.3	63.1	67.4	48.8	57.6	70.3	53.1	74.1	59.5	64.3		60.6	98
Progeny	5220LLS	LL/STS	5.2	66.8	52.1	62.1	71.6	47.0	59.9	67.5	49.8	67.5	56.9	60.4		60.1	97
Stine	54LE23	LL	5.4	75.2	34.3	61.9	77.6	50.8	60.0							60.0	97
Univ Arkansas	UA5213C	CONV	5.2	59.1	58.8	52.9	69.7	52.5	58.6							58.6	97

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

Brand	Variety	Herb Resist	Relative Maturity	Full-Season						Double-Crop					FS & DC		
				BLK	ORG	PTR	SUF	WAR	AVG	c	BLK	PTR	SUF	WAR	AVG	AVG	Yield
Armor	50-R44	RR2Y	5.0	71.1	63.4	52.7	62.7	42.8	58.5							58.5	96
Armor	AX4500	RR2Y	5.0	69.6	61.5	50.0	58.0	49.2	57.7							57.7	95
Great Heart Seed	GT-500RR2/STS	RR2Y/STS	5.0								55.1	53.0	72.9	56.9	59.5	59.5	95
Progeny	5213RY	RR2Y	5.2	63.4	61.7	51.2	48.4	47.9	54.5		73.1	47.9	66.8	65.3	63.3	58.4	95
Pioneer	P50T64R	RR	5.0	63.3	53.5	49.4	68.4	51.0	57.1							57.1	94
Stine	51RD02	RR2Y	5.1	81.2	41.3	53.6	66.5	46.8	57.9							57.9	94
Univ Arkansas	R04-1268RR	RR	5.4	57.3	53.3	55.0	69.9	48.7	56.8							56.8	94
Dyna-Gro	S51RY45	RR2Y	5.1								65.1	50.9	58.0	58.6	58.2	58.2	93
HBK	5221RY	RR2Y	5.2	68.7	56.4	46.4	60.1	50.2	56.4		61.1	49.1	62.8	53.0	56.5	56.4	92
Dyna-Gro	S53RY23	RR2Y	5.3	64.5	41.4	55.9	65.9	46.9	54.9							54.9	90
Montague Farms	V09-3876	CONV	5.1	58.4	49.8	44.5	46.0	42.8	48.3		62.6	44.4	64.9	50.0	55.5	51.5	84
LSD (P=.10)				10.6	10.6	10.3	10.7	5.0			12.8	7.4	9.9	6.1			
CV				11.0	14.3	12.7	11.3	7.3			13.4	10.1	10.6	7.3			
Grand Mean				70.1	54.3	59.8	69.2	50.5			69.2	53.3	68.2	60.0			

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

Brand	Variety	Herb Resist	Relative Maturity	Full-Season						Double-Crop					FS & DC	
				BLK	ORG	PTR	SUF	WAR	AVG	BLK	PTR	SUF	WAR	AVG	AVG	Yield
Stine	6202-4	RR/STS	6.2	78.9	48.7	59.8	76.0	57.7	64.2						64.2	110
T.A. Seeds	TS5659R2	RR2Y	5.6	78.6	44.5	57.1	82.6	60.0	64.6						64.6	110
Progeny	5610RY	RR2Y	5.6	73.4	48.0	57.6	66.6	60.3	61.2	78.8	57.3	63.8	59.2	64.8	62.8	105
VA TECH	V10-0262	CONV		74.6	55.0	54.2	68.3	56.9	61.8	70.8	49.0	75.0	57.7	63.1	62.4	105
Southern Harvest	SH5515LL	LL	5.5	72.9	39.4	49.9	69.6	59.2	58.2	81.7	59.5	72.2	60.1	68.4	62.7	104
USG	75J90R	RR2Y	5.9	66.2	42.1	58.3	75.8	56.8	59.8						59.8	103
Progeny	5555RY	RR2Y	5.5	76.7	44.4	57.9	69.8	56.0	61.0	68.1	57.7	65.3	56.8	62.0	61.4	103
Progeny	5711RY	RR2Y	5.7	62.3	53.6	54.8	69.5	54.6	59.0	67.7	59.3	64.5	56.9	62.1	60.4	102
Southern States	SS5511NR2	RR2Y	5.5	73.8	46.9	52.6	62.0	60.0	59.1	72.1	50.1	73.4	58.3	63.5	61.0	102
Hubner Seed	H55-13R2	RR2Y	5.5	68.9	43.6	54.0	72.2	55.0	58.7	76.8	53.1	74.1	53.2	64.3	61.2	102
Univ Arkansas	UA5612	CONV	5.6	68.1	45.6	50.7	75.8	56.3	59.3						59.3	102
USG	75Q52R	RR2Y	5.5	74.4	45.9	48.7	70.1	56.7	59.2						59.2	101
Hubner Seed	H58-12R2	RR2Y	5.8	69.0	48.9	67.4	62.7	52.5	60.1	69.4	54.8	64.3	51.5	60.0	60.1	101
Southern Harvest	SH5614LL/STS	LL	5.6							75.7	52.2	69.1	54.5	62.9	62.9	101
Southern States	SS5711R2	RR2Y	5.7	71.4	42.1	55.4	65.0	58.9	58.6						58.6	101
Asgrow	AG5535	RR2Y/STS	5.5	75.6	43.6	48.4	53.6	52.3	54.7	75.4	57.6	77.2	59.1	67.3	60.3	101
Southern States	SS5513NR2	RR2Y	5.5	72.0	38.8	59.8	58.0	55.2	56.8	71.7	55.3	68.4	60.5	64.0	60.0	100
Dyna-Gro	S56RY84	RR2Y	5.6							68.3	56.9	66.0	55.0	61.6	61.6	100
Southern States	SS5911NR2	RR2Y	5.9	74.8	44.9	52.8	60.8	56.5	58.0						58.0	100
Southern Harvest	SH5912LL	LL	5.9							76.5	49.5	63.2	57.9	61.8	61.8	99
USG	75J62R	RR2Y/STS	5.6	78.0	53.3	47.7	53.5	53.5	57.2						57.2	99
Dyna-Gro	32RY55	RR2Y	5.5	84.4	48.9	52.1	56.0	58.8	60.0	64.4	51.1	63.6	52.8	58.0	59.1	99
Stine	EX6.0	RR2Y	6	81.3	38.1	49.7	70.6	51.7	58.3						58.3	99
USDA-ARS	JTN-5110	CONV	5.5	61.8	45.0	46.0	70.0	55.2	55.6	74.0	56.0	64.0	55.1	62.3	58.6	98
USG	76S22R	RR2Y	6.2	71.0	40.2	51.7	65.1	57.4	57.1						57.1	98
Progeny	5960LL	LL	5.9	67.6	50.7	48.6	65.7	53.1	57.1	69.6	49.1	66.2	52.9	59.5	58.2	98
Asgrow	AG5632	RR2Y	5.6	72.5	46.6	51.3	58.1	57.3	57.2	67.9	46.6	67.0	55.2	59.2	58.1	97

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

Brand	Variety	Herb Resist	Relative Maturity	Full-Season						Double-Crop					FS & DC	
				BLK	ORG	PTR	SUF	WAR	AVG	BLK	PTR	SUF	WAR	AVG	AVG	Yield
Public	Glenn	CONV	5.3	65.9	42.1	46.9	57.4	50.9	52.6	60.7	51.3	66.2	60.7	59.7	55.8	94
Montague Farms	MFS-56P5	CONV	5.6	60.4	44.8	48.9	54.5	56.9	53.1						53.1	92
Montague Farms	MFS-561	CONV	5.6	59.7	35.8	50.1	63.4	48.3	51.5	62.2	51.0	58.7	50.7	55.7	53.3	89
Montague Farms	MFS-56W3	CONV	5.6	69.7	37.0	42.7	58.9	51.5	52.0	61.5	40.6	63.0	51.0	54.0	52.9	88
LSD (P=.10)				8.5	9.7	7.6	10.5	4.6		15.1	11.0	10.3	5.6			
CV				8.7	15.8	10.6	11.7	6.1		15.4	15.1	11.1	7.3			
Grand Mean				71.6	45.0	52.7	65.4	55.7		71.4	53.0	67.3	56.1			

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Table 2a. Performance of Full-Season Maturity Group III Entries at Orange, VA, 2014

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	3539LL	LL	3.5	19-Sep	1.0	25	2	1.8	2775	62.6
Channel	3806R2/STS	RR2Y/STS	3.8	19-Sep	1.0	31	1	1.7	2562	60.3
T.A. Seeds	TS3959R2S	RR2Y/STS	3.9	19-Sep	1.3	29	0	2.0	2625	60.0
Halo	X436	LL	3.6	19-Sep	1.2	27	1	1.7	2376	59.7
Halo	X435	LL	3.5	19-Sep	1.2	27	0	2.0	2724	59.6
Halo	X438	LL	3.8	19-Sep	1.0	28	2	1.7	2359	59.2
Southern States	SS3811NR2	RR2Y	3.8	19-Sep	1.2	33	2	2.0	2464	58.3
Southern States	SS3914NSR2	RR2Y/STS	3.9	19-Sep	1.2	31	1	1.7	2571	55.3
Hubner Seed	H32-13R2	RR2Y	3.2	19-Sep	1.2	26	1	2.3	2347	54.3
CZ	3841LL	LL	3.8	19-Sep	1.2	30	0	1.7	2459	53.7
Pioneer	P39T67R	RR	3.9	19-Sep	1.2	30	0	1.8	2807	53.2
Southern States	SS3813NR2	RR2Y	3.8	19-Sep	1.2	26	0	1.7	2632	52.6
Doebler's	DB3815RR	RR	3.8	19-Sep	1.2	29	1	1.7	2606	50.7
eMerge	E3692S	CONV	3.6	19-Sep	1.2	27	0	1.7	2840	50.5
eMerge	E3782S	CONV	3.7	19-Sep	1.2	28	0	2.3	2457	49.7
eMerge	E3553	CONV	3.5	19-Sep	1.0	26	0	1.7	2578	49.3
Doebler's	DB3315RR	RR	3.3	19-Sep	1.0	27	2	2.3	2576	45.6
LSD (P=.10)				0	0.2	3	1	0.4	142	9.9
CV				0	14.4	8	117	17.3	4	13.0
Grand Mean				19-Sep	1.1	28	1	1.9	2574	55.0

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Table 2b. Performance of Full-Season Maturity Group III Entries at Painter, VA, 2014

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)	
T.A. Seeds	TS3959R2S	RR2Y/STS	3.9	30-Sep	1.0	26	4	3.0	3300	42.2
Halo	X436	LL	3.6	7-Oct	1.0	26	4	3.0	2944	39.0
Southern States	SS3914NSR2	RR2Y/STS	3.9	4-Oct	1.0	23	3	2.7	3207	38.9
Channel	3806R2/STS	RR2Y/STS	3.8	30-Sep	1.0	26	4	2.3	3048	38.2
Doebler's	DB3815RR	RR	3.8	7-Oct	1.0	25	5	2.3	3071	38.2
Pioneer	P39T67R	RR	3.9	2-Oct	1.0	25	3	3.0	3381	38.1
Doebler's	DB3315RR	RR	3.3	30-Sep	1.0	23	1	2.7	2961	37.3
Southern States	SS3811NR2	RR2Y	3.8	4-Oct	1.0	29	7	2.7	2974	37.3
CZ	3841LL	LL	3.8	7-Oct	1.0	29	7	2.7	3021	36.8
Hubner Seed	H32-13R2	RR2Y	3.2	30-Sep	1.0	25	3	3.3	2979	36.7
eMerge	E3782S	CONV	3.7	7-Oct	1.0	23	1	3.0	3033	36.6
eMerge	E3553	CONV	3.5	30-Sep	1.0	25	1	2.7	2981	36.3
Halo	X435	LL	3.5	30-Sep	1.0	25	6	2.7	3152	35.5
CZ	3539LL	LL	3.5	2-Oct	1.0	24	1	2.3	3463	35.4
Southern States	SS3813NR2	RR2Y	3.8	7-Oct	1.0	25	4	2.3	3229	35.1
Halo	X438	LL	3.8	7-Oct	1.0	26	8	3.0	2937	33.9
eMerge	E3692S	CONV	3.6	2-Oct	1.0	24	5	2.7	3414	33.7
LSD (P=.10)				3.11	0.0	3	3	0.6	178	5.3
CV				6.93	0.0	8	54	16.9	4	10.4
Grand Mean				3-Oct	1.0	25	4	2.7	3123	37.0

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Table 2c. Performance of Full-Season Maturity Group III Entries at Warsaw, VA, 2014

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)	
Channel	3806R2/STS	RR2Y/STS	3.8	16-Sep	1.5	30	3	2.1	2860	55.1
Hubner Seed	H32-13R2	RR2Y	3.2	14-Sep	1.4	30	1	1.9	2661	55.0
Halo	X435	LL	3.5	16-Sep	1.1	28	1	2.0	3017	54.2
Doebler's	DB3815RR	RR	3.8	22-Sep	1.2	29	2	1.9	3230	53.9
Pioneer	P39T67R	RR	3.9	21-Sep	1.1	28	1	2.0	3486	53.7
T.A. Seeds	TS3959R2S	RR2Y/STS	3.9	17-Sep	1.1	26	1	1.8	3260	52.9
Halo	X436	LL	3.6	19-Sep	1.3	30	3	1.8	2821	52.6
Southern States	SS3813NR2	RR2Y	3.8	17-Sep	1.5	27	1	1.8	3141	51.8
Halo	X438	LL	3.8	19-Sep	1.2	27	2	1.9	2836	49.8
Southern States	SS3914NSR2	RR2Y/STS	3.9	17-Sep	1.0	25	1	1.8	3085	49.7
CZ	3539LL	LL	3.5	14-Sep	1.0	22	1	1.6	3213	49.6
eMerge	E3692S	CONV	3.6	16-Sep	1.2	27	2	1.9	3240	48.9
CZ	3841LL	LL	3.8	19-Sep	1.4	31	3	1.9	2904	47.9
Doebler's	DB3315RR	RR	3.3	14-Sep	1.1	28	2	1.9	2701	47.7
Southern States	SS3811NR2	RR2Y	3.8	17-Sep	1.2	31	3	2.4	2930	46.8
eMerge	E3782S	CONV	3.7	18-Sep	1.0	26	3	2.0	2635	45.2
eMerge	E3553	CONV	3.5	14-Sep	1.0	25	1	1.7	2746	43.2
LSD (P=.10)				2.01	0.2	4	2	0.3	228	9.2
CV				8.84	14.5	11	73	11.4	6	13.2
Grand Mean				17-Sep	1.2	27	2	1.9	2986	50.5

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Table 3a. Performance of Full-Season Early Maturity Group IV Entries at Blackstone, VA, 2014

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)	
Armor	AX4450	RR2Y	4.5		1.0	35	20	2.3	2259	88.3
Dyna-Gro	31RY45	RR2Y	4.5		1.2	40	21	2.7	2110	80.2
Asgrow	AG4232	RR2Y/STS	4.2		1.2	34	8	2.0	2412	76.4
Asgrow	AG4632	RR2Y/STS	4.6		1.0	37	18	2.3	2172	76.4
Southern States	SS4514NR2	RR2Y	4.5		1.0	35	21	2.7	2263	76.0
Southern States	LL423N	LL	4.2		1.0	33	24	3.3	2054	73.3
Armor	46-R65	RR2Y	4.6		1.0	36	25	3.0	2283	72.1
Asgrow	AG4633	RR2Y	4.6		1.0	31	17	2.3	2024	71.9
Halo	4:40	LL	4.4		1.0	32	28	2.3	1979	71.4
HBK	4620RY	RR2Y	4.6		1.0	35	13	3.3	2139	71.4
HBK	4653LL	LL	4.6		1.0	31	27	2.7	2152	71.3
Dyna-Gro	S46RY85	RR2Y	4.6		1.0	33	25	2.6	2244	71.1
USG	74G63L	LL	4.6		1.0	32	27	2.7	2194	70.9
Channel	4508R2/SR	RR2Y/STS	4.5		1.0	33	11	2.0	2122	70.9
eMerge	E4510S	CONV	4.5		1.0	31	18	3.0	2089	70.0
Armor	AX4440	RR2Y	4.4		1.0	34	19	3.3	2471	69.7
CZ	4181RY	RR2Y	4.1		1.0	34	38	3.0	2093	68.4
Armor	44-R08	RR2Y	4.4		1.0	32	34	3.0	2100	68.1
Halo	X440	LL	4		1.0	34	23	2.3	2070	67.9
T.A. Seeds	TS4339R2	RR2Y	4.3		1.2	37	14	2.7	2017	67.4
Dyna-Gro	39RY43	RR2Y	4.3		1.0	30	31	3.0	2078	67.0
USG	74F53R	RR2Y/STS	4.5		1.0	32	28	3.0	2097	66.2
Southern States	SS4312NR2	RR2Y	4.3		1.0	32	30	3.3	2057	65.9
Pioneer	P46T21R	RR2Y/STS	4.6		1.2	36	26	3.0	2347	64.7
Great Heart Seed	GT-469RR2Y/STS	RR2Y/STS	4.6		1.2	36	23	3.0	2074	64.7
HBK	4721RY	RR2Y	4.7		1.0	34	28	3.0	2209	64.6
Progeny	4613RYS	RR2Y/STS	4.6		1.3	37	21	2.3	2291	64.5
HBK	4650LL	LL	4.6		1.0	37	37	3.7	2187	64.0
Doebler's	DB4415RR	RR	4.4		1.0	28	22	3.0	2328	64.0
Channel	4206R2	RR2Y	4.2		1.0	31	22	3.0	1904	62.1
Southern States	SS4114NR2	RR2Y	4.1		1.2	31	21	3.3	2163	61.6
Hubner Seed	H44-15R2SR	RR2Y/STS	4.4		1.0	35	19	2.7	2063	58.7
Armor	AX4441	RR2Y	4.4		1.0	28	27	4.3	2096	57.0
LSD (P=.10)					0.2	3	11	0.7	104	9.0
CV					13.6	6	34	18.8	4	9.5
Grand Mean					1.0	33	23	2.8	2161	69.2

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Table 3b. Performance of Full-Season Early Maturity Group IV Entries at Orange, VA, 2014

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)	
Channel	4206R2	RR2Y	4.2	3-Oct	1.3	36	2	2.0	2416	81.6
Asgrow	AG4632	RR2Y/STS	4.6	3-Oct	2.3	41	2	2.0	2583	77.0
Southern States	LL423N	LL	4.2	30-Sep	2.5	36	0	1.7	2754	75.1
CZ	4181RY	RR2Y	4.1	30-Sep	1.8	36	4	1.7	2347	71.1
Pioneer	P46T21R	RR2Y/STS	4.6	3-Oct	1.3	32	0	2.0	2779	70.7
Armor	46-R65	RR2Y	4.6	3-Oct	2.2	38	2	2.3	2556	70.6
Channel	4508R2/SR	RR2Y/STS	4.5	3-Oct	1.2	33	0	2.0	2563	70.4
Southern States	SS4312NR2	RR2Y	4.3	3-Oct	1.5	33	2	1.7	2563	70.3
Halo	X440	LL	4	30-Sep	2.3	34	0	1.7	2471	70.0
Armor	AX4440	RR2Y	4.4	3-Oct	1.7	34	0	2.0	3209	70.0
eMerge	E4510S	CONV	4.5	3-Oct	1.8	36	1	1.7	2627	69.9
Progeny	4613RYS	RR2Y/STS	4.6	3-Oct	2.2	40	1	2.3	2643	69.9
Halo	4:40	LL	4.4	30-Sep	2.2	34	2	1.7	2800	69.7
T.A. Seeds	TS4339R2	RR2Y	4.3	30-Sep	1.5	38	1	1.7	2510	69.2
HBK	4620RY	RR2Y	4.6	3-Oct	2.3	35	0	2.0	2635	68.3
Great Heart Seed	GT-469RR2Y/STS	RR2Y/STS	4.6	3-Oct	1.7	38	0	2.0	2591	68.1
Dyna-Gro	39RY43	RR2Y	4.3	3-Oct	1.8	33	0	2.0	2574	67.6
Dyna-Gro	S46RY85	RR2Y	4.6	3-Oct	2.5	35	1	1.6	2797	67.3
Dyna-Gro	31RY45	RR2Y	4.5	3-Oct	1.5	35	0	2.0	2676	66.8
HBK	4650LL	LL	4.6	3-Oct	2.3	36	0	2.0	2778	63.6
USG	74F53R	RR2Y/STS	4.5	3-Oct	1.8	32	1	2.3	2485	63.6
USG	74G63L	LL	4.6	30-Sep	2.7	32	0	1.7	2618	62.3
HBK	4653LL	LL	4.6	3-Oct	2.2	34	1	2.0	2709	61.4
Asgrow	AG4633	RR2Y	4.6	30-Sep	1.8	32	1	2.0	2663	58.9
Armor	AX4441	RR2Y	4.4	30-Sep	2.3	28	1	2.9	2509	58.8
Asgrow	AG4232	RR2Y/STS	4.2	30-Sep	2.3	36	0	2.3	3149	58.8
Armor	44-R08	RR2Y	4.4	3-Oct	1.3	27	0	2.3	2566	57.9
Armor	AX4450	RR2Y	4.5	3-Oct	2.0	31	0	1.7	2774	57.9
Doebler's	DB4415RR	RR	4.4	3-Oct	1.7	34	0	2.0	3192	57.1
Hubner Seed	H44-15R2SR	RR2Y/STS	4.4	3-Oct	1.7	32	0	1.7	2490	55.9
Southern States	SS4114NR2	RR2Y	4.1	3-Oct	1.2	28	1	2.3	2483	55.6
Southern States	SS4514NR2	RR2Y	4.5	30-Sep	2.2	31	1	1.7	2844	55.3
HBK	4721RY	RR2Y	4.7	3-Oct	2.8	34	0	1.7	3043	51.8
LSD (P=.10)				2.53	0.8	5	1	0.7	232	10.5
CV				5.91	29.3	10	136	25.9	6	11.7
Grand Mean				2-Oct	2.0	34	1	1.9	2685	65.6

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Table 3c. Performance of Full-Season Early Maturity Group IV Entries at Painter, VA, 2014

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)	
Armor	AX4450	RR2Y	4.5	21-Oct	1.0	28	6	2.3	2982	51.0
Armor	46-R65	RR2Y	4.6	21-Oct	1.0	29	8	2.3	2926	49.4
Asgrow	AG4632	RR2Y/STS	4.6	21-Oct	1.0	32	2	2.3	3111	48.9
Armor	44-R08	RR2Y	4.4	21-Oct	1.0	28	7	3.0	2986	46.1
Hubner Seed	H44-15R2SR	RR2Y/STS	4.4	21-Oct	1.0	27	6	3.0	3031	45.6
CZ	4181RY	RR2Y	4.1	21-Oct	1.0	32	5	3.0	3002	45.4
Dyna-Gro	S46RY85	RR2Y	4.6	17-Oct	1.0	27	2	2.2	3430	45.1
USG	74F53R	RR2Y/STS	4.5	21-Oct	1.0	26	7	3.0	2844	45.1
Channel	4508R2/SR	RR2Y/STS	4.5	21-Oct	1.0	29	4	2.0	2996	44.8
HBK	4653LL	LL	4.6	19-Oct	1.0	27	5	2.7	3118	44.6
Armor	AX4440	RR2Y	4.4	17-Oct	1.0	27	3	2.7	3364	44.6
Southern States	SS4312NR2	RR2Y	4.3	21-Oct	1.0	25	6	3.0	3139	44.4
Dyna-Gro	31RY45	RR2Y	4.5	21-Oct	1.0	29	4	2.7	3134	43.6
Halo	4:40	LL	4.4	13-Oct	1.0	29	2	2.3	3229	43.5
Great Heart Seed	GT-469RR2Y/STS	RR2Y/STS	4.6	17-Oct	1.0	27	5	2.3	3283	43.2
Southern States	LL423N	LL	4.2	17-Oct	1.0	27	4	2.3	3281	43.1
Pioneer	P46T21R	RR2/STS	4.6	21-Oct	1.0	30	2	2.7	3617	42.1
Asgrow	AG4232	RR2Y/STS	4.2	10-Oct	1.0	31	2	1.7	3613	41.9
Doebler's	DB4415RR	RR	4.4	13-Oct	1.0	26	4	3.0	3760	41.6
Asgrow	AG4633	RR2Y	4.6	16-Oct	1.0	26	3	2.3	3544	41.2
Channel	4206R2	RR2Y	4.2	13-Oct	1.0	29	3	2.3	2940	41.1
Southern States	SS4514NR2	RR2Y	4.5	21-Oct	1.0	25	6	3.0	3387	41.1
USG	74G63L	LL	4.6	21-Oct	1.0	27	4	2.7	3200	40.7
HBK	4620RY	RR2Y	4.6	21-Oct	1.0	27	2	2.0	3013	40.5
Progeny	4613RYS	RR2Y/STS	4.6	21-Oct	1.0	29	6	2.0	3020	40.4
HBK	4721RY	RR2Y	4.7	21-Oct	1.0	27	6	2.3	3343	40.0
HBK	4650LL	LL	4.6	21-Oct	1.0	31	3	2.7	3245	39.7
Southern States	SS4114NR2	RR2Y	4.1	7-Oct	1.0	25	5	3.0	3194	39.6
Dyna-Gro	39RY43	RR2Y	4.3	19-Oct	1.0	24	7	2.7	3088	39.6
eMerge	E4510S	CONV	4.5	17-Oct	1.0	28	2	2.0	3163	37.5
Halo	X440	LL	4	16-Oct	1.0	26	9	2.3	2869	35.6
T.A. Seeds	TS4339R2	RR2Y	4.3	19-Oct	1.0	27	4	3.0	3051	34.4
Armor	AX4441	RR2Y	4.4	13-Oct	1.0	24	4	3.0	3061	32.1
LSD (P=.10)				3.53	0.0	3	3	0.6	293	7.8
CV				5.48	0.0	8	55	17.3	7	13.4
Grand Mean				18-Oct	1.0	28	4	2.5	3195	42.5

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Table 3d. Performance of Full-Season Early Maturity Group IV Entries at Suffolk, VA, 2014

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)	
Channel	4206R2	RR2Y	4.2	17-Oct	1.0	32	0	1.0	2219	80.8
Armor	AX4450	RR2Y	4.5	28-Oct	1.5	35	0	1.0	2506	80.6
Dyna-Gro	S46RY85	RR2Y	4.6	25-Oct	1.4	38	0	1.0	2486	79.8
Pioneer	P46T21R	RR2Y/STS	4.6	25-Oct	1.2	34	1	1.0	2573	77.0
Dyna-Gro	31RY45	RR2Y	4.5	25-Oct	1.3	36	1	1.0	2416	75.8
Armor	46-R65	RR2Y	4.6	28-Oct	1.8	38	1	1.0	2380	75.5
Asgrow	AG4632	RR2Y/STS	4.6	25-Oct	1.5	37	0	1.0	2535	75.3
Dyna-Gro	39RY43	RR2Y	4.3	25-Oct	1.3	33	1	1.0	2324	73.7
Southern States	SS4514NR2	RR2Y	4.5	28-Oct	1.5	37	1	1.0	2477	73.1
HBK	4620RY	RR2Y	4.6	25-Oct	1.2	34	1	1.0	2315	73.0
Southern States	LL423N	LL	4.2	25-Oct	1.2	33	2	1.0	2353	70.2
Armor	44-R08	RR2Y	4.4	23-Oct	1.0	32	1	1.0	2387	70.0
CZ	4181RY	RR2Y	4.1	25-Oct	1.7	35	2	1.0	2285	70.0
Asgrow	AG4232	RR2Y/STS	4.2	25-Oct	1.8	36	0	1.0	2731	69.5
T.A. Seeds	TS4339R2	RR2Y	4.3	25-Oct	1.7	38	0	1.0	2313	69.3
HBK	4650LL	LL	4.6	23-Oct	2.0	37	1	1.0	2349	68.6
HBK	4721RY	RR2Y	4.7	23-Oct	1.3	31	1	1.0	2683	68.4
Southern States	SS4312NR2	RR2Y	4.3	28-Oct	1.0	32	3	1.0	2330	68.1
Doebler's	DB4415RR	RR	4.4	23-Oct	1.0	31	0	1.0	2848	67.8
Hubner Seed	H44-15R2SR	RR2Y/STS	4.4	25-Oct	1.3	37	1	1.0	2293	67.7
USG	74F53R	RR2Y/STS	4.5	25-Oct	2.0	33	2	1.0	2407	67.4
Armor	AX4440	RR2Y	4.4	19-Oct	1.2	31	2	1.0	2791	67.0
Halo	4:40	LL	4.4	25-Oct	1.0	32	3	1.0	2361	66.8
Armor	AX4441	RR2Y	4.4	19-Oct	1.5	32	8	1.0	2041	66.8
Progeny	4613RYS	RR2Y/STS	4.6	25-Oct	1.5	34	1	1.0	2536	66.7
Asgrow	AG4633	RR2Y	4.6	25-Oct	1.0	32	1	1.0	2337	66.1
HBK	4653LL	LL	4.6	25-Oct	1.0	35	1	1.0	2870	64.9
Channel	4508R2/SR	RR2Y/STS	4.5	28-Oct	1.3	38	1	1.3	2373	64.2
Great Heart Seed	GT-469RR2Y/STS	RR2Y/STS	4.6	28-Oct	1.7	41	0	1.0	2477	63.9
Southern States	SS4114NR2	RR2Y	4.1	17-Oct	1.0	31	1	1.0	2397	63.4
USG	74G63L	LL	4.6	25-Oct	1.3	31	1	1.0	2640	63.0
Halo	X440	LL	4	23-Oct	1.7	33	3	1.0	2495	62.9
eMerge	E4510S	CONV	4.5	23-Oct	1.5	31	0	1.0	2417	62.7
LSD (P=.10)				4.35	0.6	3	2	0.1	99	11.3
CV				5.92	29.3	7	94	9.7	3	11.8
Grand Mean				24-Oct	1.4	35	1	1.0	2455	70.3

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Table 3e. Performance of Full-Season Early Maturity Group IV Entries at Warsaw, VA, 2014

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)	
Dyna-Gro	39RY43	RR2Y	4.3	22-Sep	1.3	30	3	1.9	3372	49.8
Southern States	SS4514NR2	RR2Y	4.5	23-Sep	1.4	29	1	1.6	3568	49.3
USG	74F53R	RR2Y/STS	4.5	24-Sep	1.3	30	1	2.2	3207	49.2
Dyna-Gro	S46RY85	RR2Y	4.6	24-Sep	1.5	29	3	2.0	3586	49.1
Halo	X440	LL	4	21-Sep	1.1	28	6	2.2	3073	48.7
Asgrow	AG4633	RR2Y	4.6	22-Sep	1.1	26	2	1.9	3203	48.2
Armor	AX4441	RR2Y	4.4	13-Sep	1.1	27	3	2.1	2653	47.8
Great Heart Seed	GT-469RR2Y/STS	RR2Y/STS	4.6	24-Sep	1.3	33	2	1.9	3422	47.4
Asgrow	AG4232	RR2Y/STS	4.2	22-Sep	1.3	31	2	1.7	3541	47.3
Armor	44-R08	RR2Y	4.4	22-Sep	1.4	30	3	2.0	3529	47.2
Halo	4:40	LL	4.4	22-Sep	1.1	26	1	1.9	3300	46.8
Armor	AX4450	RR2Y	4.5	24-Sep	1.1	28	2	2.1	3484	46.7
Armor	46-R65	RR2Y	4.6	22-Sep	1.4	30	1	1.9	3530	46.7
Dyna-Gro	31RY45	RR2Y	4.5	23-Sep	1.2	30	1	1.8	3587	45.9
Southern States	LL423N	LL	4.2	23-Sep	1.2	28	1	1.5	3530	45.4
Asgrow	AG4632	RR2Y/STS	4.6	23-Sep	1.1	31	2	1.7	3431	44.7
Southern States	SS4114NR2	RR2Y	4.1	19-Sep	1.0	26	4	2.3	2965	43.9
HBK	4650LL	LL	4.6	22-Sep	1.1	30	2	2.0	3358	43.4
Progeny	4613RYS	RR2Y/STS	4.6	23-Sep	1.5	30	2	1.8	3602	43.3
T.A. Seeds	TS4339R2	RR2Y	4.3	22-Sep	1.2	30	1	1.9	3185	43.0
Pioneer	P46T21R	RR2Y/STS	4.6	23-Sep	1.4	29	1	1.9	3703	42.8
USG	74G63L	LL	4.6	22-Sep	1.0	25	3	2.0	3345	42.7
HBK	4721RY	RR2Y	4.7	22-Sep	1.1	26	1	1.9	3520	42.7
HBK	4653LL	LL	4.6	22-Sep	1.1	26	1	1.9	3467	42.5
Southern States	SS4312NR2	RR2Y	4.3	22-Sep	1.3	26	6	2.4	3063	42.5
HBK	4620RY	RR2Y	4.6	26-Sep	1.7	28	1	1.7	3373	42.5
CZ	4181RY	RR2Y	4.1	20-Sep	1.5	28	6	2.5	3118	42.0
Channel	4508R2/SR	RR2Y/STS	4.5	22-Sep	1.1	30	1	1.6	3614	41.8
eMerge	E4510S	CONV	4.5	20-Sep	1.0	26	2	1.8	3019	41.0
Doebler's	DB4415RR	RR	4.4	22-Sep	1.0	24	3	1.9	3450	40.5
Channel	4206R2	RR2Y	4.2	19-Sep	1.1	25	0	1.7	2955	40.0
Hubner Seed	H44-15R2SR	RR2Y/STS	4.4	19-Sep	1.1	24	2	1.9	2827	38.7
Armor	AX4440	RR2Y	4.4	21-Sep	1.0	27	2	1.7	4040	38.2
LSD (P=.10)				1.39	0.3	3	2	0.3	210	7.8
CV				4.79	15.5	8	69	10.1	5	12.8
Grand Mean				22-Sep	1.2	28	2	1.9	3365	44.9

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Table 3f. Performance of Double-Crop Early Maturity Group IV Entries at Blackstone, VA, 2014

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		1.8	43	5	3.0	5383	74.7
Mid-Atlantic Seed	MA4355RR2n/STS	RR2/STS	4.3		2.3	45	4	3.0	2357	74.6
Pioneer	P46T21R	RR	4.6		1.5	37	4	2.3	2315	73.6
Dyna-Gro	31RY45	RR2Y	4.5		1.5	42	4	2.7	2468	73.3
Mid-Atlantic Seed	MA4614RR2/STS	RR2/STS	4.6		1.3	41	6	2.7	2442	73.1
Asgrow	AG4633	RR2Y	4.6		2.2	41	3	3.0	2359	70.3
Mid-Atlantic Seed	MA4504nRR2/STS	RR2/STS	4.5		2.0	46	4	3.0	2457	69.4
Doebler's	DB4415RR	RR	4.4		1.2	38	4	2.7	2622	67.6
USG	74F24RS	RR2Y/STS	4.2		2.2	44	6	3.0	2270	66.9
USG	74F53R	RR2Y/STS	4.5		2.5	40	9	2.7	2347	66.9
HBK	4721RY	RR2Y	4.6		1.8	46	7	2.7	2391	66.5
Progeny	4613RYS	RR2Y/STS	4.6		2.0	41	9	2.7	2429	63.6
USG	74G23L	LL	4.2		2.2	37	4	3.0	2391	63.1
USG	74D32R	RR2Y	4.3		1.3	32	4	2.7	2452	62.7
USG	73P93R	RR2Y	3.9		1.7	36	3	2.7	2439	60.1
Mid-Atlantic Seed	MA4222nRR2	RR2Y	4.2		1.8	38	3	2.7	2369	59.8
Hubner Seed	H44-15R2SR	RR2Y/STS	4.4		1.5	39	2	2.7	2299	59.8
USG	74G63L	LL	4.6		1.7	38	1	2.7	2437	59.3
USG	74F12R	RR2Y	4.1		4.2	40	4	2.7	2465	58.7
Asgrow	AG4232	RR2Y/STS	4.2		2.3	44	6	2.7	2546	57.9
Channel	4508R2/SR	RR2Y/STS	4.5		1.8	41	1	2.3	2373	57.3
USG	74B42R	RR2Y	4.4		1.2	36	0	2.3	2462	54.0
LSD (P=.10)					0.5	4	4	0.7	1525	9.3
CV					19.5	6	61	19.3	44	10.4
Grand Mean					1.9	40	4	2.7	2549	65.2

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Table 3g. Performance of Double-Crop Early Maturity Group IV Entries at Orange, VA, 2014

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)	
Dyna-Gro	31RY45	RR2Y	4.5		1.3	35	0	1.7	3410	53.8
USG	74D32R	RR2Y	4.3		1.0	28	1	2.0	3367	51.0
USG	74G23L	LL	4.2		1.2	29	0	2.0	3262	49.9
USG	74B42R	RR2Y	4.4		1.2	27	0	2.0	3521	48.0
Pioneer	P46T21R	RR	4.6		1.2	29	1	2.0	3597	47.5
Asgrow	AG4232	RR2Y/STS	4.2		1.2	33	1	1.3	3605	46.5
USG	74F24RS	RR2Y/STS	4.2		1.2	36	0	2.0	3155	46.1
Hubner Seed	H44-15R2SR	RR2Y/STS	4.4		1.3	29	1	2.0	3154	46.0
Mid-Atlantic Seed	MA4504nRR2/STS	RR2Y/STS	4.5		1.2	33	0	2.0	3624	45.8
Mid-Atlantic Seed	MA4355RR2n/STS	RR2Y/STS	4.3		1.3	34	1	2.0	3390	45.2
Asgrow	AG4632	RR2Y/STS	4.6		1.0	30	1	2.0	3632	44.1
Channel	4508R2/SR	RR2Y/STS	4.5		1.0	29	1	2.0	3319	43.9
Asgrow	AG4633	RR2Y	4.6		1.0	26	1	2.0	3416	43.8
Progeny	4613RYS	RR2Y/STS	4.6		1.2	30	1	2.0	3414	43.7
Mid-Atlantic Seed	MA4614RR2/STS	RR2Y/STS	4.6		1.0	30	2	2.0	3471	42.1
USG	74F53R	RR2Y/STS	4.5		1.2	31	1	2.0	3164	41.9
USG	73P93R	RR2Y	3.9		1.0	26	1	2.7	3133	41.6
Mid-Atlantic Seed	MA4222nRR2	RR2Y	4.2		1.0	29	1	2.0	3569	41.4
USG	74G63L	LL	4.6		1.0	26	1	2.0	3632	40.0
USG	74F12R	RR2Y	4.1		1.5	33	1	2.0	3310	38.0
Doebler's	DB4415RR	RR	4.4		1.0	27	1	2.0	3832	37.8
HBK	4721RY	RR2Y	4.6		1.3	37	2	2.0	3391	36.9
LSD (P=.10)					0.3	3	1	0.4	260	9.4
CV					19.3	8	112	15.3	6	15.4
Grand Mean					1.1	30	1	2.0	3426	44.3

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Table 3h. Performance of Double-Crop Early Maturity Group IV Entries at Painter, VA, 2014

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 Seed	MA4355RR2n/STS	RR2Y/STS	4.3		1.0	26	3	2.0	2540	50.6
Mid-Atlantic Seed	MA4614RR2/STS	RR2Y/STS	4.6		1.0	23	2	2.0	2570	50.1
Hubner Seed	H44-15R2SR	RR2Y/STS	4.4		1.0	21	4	1.7	2497	50.0
Progeny	4613RYS	RR2Y/STS	4.6		1.0	21	4	2.0	2455	49.0
USG	73P93R	RR2Y	3.9		1.0	21	4	2.0	2413	47.8
Channel	4508R2/SR	RR2Y/STS	4.5		1.0	21	2	2.0	2491	47.6
Pioneer	P46T21R	RR	4.6		1.0	20	4	2.0	2719	46.6
USG	74F24RS	RR2Y/STS	4.2		1.0	24	4	2.0	2556	46.0
Asgrow	AG4232	RR2Y/STS	4.2		1.0	21	3	2.0	2790	44.8
USG	74G23L	LL	4.2		1.0	20	5	2.0	2419	44.3
Mid-Atlantic Seed	MA4222nRR2	RR2Y	4.2		1.0	21	2	2.0	2592	44.3
USG	74B42R	RR2Y	4.4		1.0	20	5	2.0	2508	43.6
Mid-Atlantic Seed	MA4504nRR2/STS	RR2Y/STS	4.5		1.0	24	2	1.7	2636	43.4
USG	74F12R	RR2Y	4.1		1.0	18	5	2.0	2600	43.1
Dyna-Gro	31RY45	RR2Y	4.5		1.0	19	2	2.0	2584	42.4
HBK	4721RY	RR2Y	4.6		1.0	23	2	2.0	2597	40.5
USG	74G63L	LL	4.6		1.0	18	3	2.0	2730	39.8
Asgrow	AG4633	RR2Y	4.6		1.0	20	4	2.0	2425	39.0
Asgrow	AG4632	RR2Y/STS	4.6		1.0	18	3	2.0	2514	38.5
USG	74D32R	RR2Y	4.3		1.0	18	3	2.0	2770	37.7
Doebler's	DB4415RR	RR	4.4		1.0	20	4	2.0	3037	37.4
USG	74F53R	RR2Y/STS	4.5		1.0	17	3	2.0	2407	35.8
LSD (P=.10)					0.0	3	2	0.2	132	8.7
CV					0.0	12	49	8.9	4	14.5
Grand Mean					1.0	21	3	2.0	2584	43.7

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Table 3i. Performance of Double-Crop Early Maturity Group IV Entries at Suffolk, VA, 2014

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	AG4232	RR2Y/STS	4.2		2.3	37	1	1.0	2840	80.1
Asgrow	AG4632	RR2Y/STS	4.6		1.3	31	1	2.0	2657	74.1
Mid-Atlantic Seed	MA4222nRR2	RR2Y	4.2		1.7	30	1	2.0	2595	73.0
Progeny	4613RYS	RR2Y/STS	4.6		1.5	32	2	1.3	2590	71.4
Pioneer	P46T21R	RR	4.6		1.3	32	2	1.7	2805	70.6
Dyna-Gro	31RY45	RR2Y	4.5		1.0	29	1	2.0	2697	70.0
Mid-Atlantic Seed	MA4614RR2/STS	RR2Y/STS	4.6		1.3	35	1	1.7	2533	69.5
Mid-Atlantic Seed	MA4355RR2n/STS	RR2Y/STS	4.3		1.7	35	0	1.7	2570	69.4
Channel	4508R2/SR	RR2Y/STS	4.5		1.0	31	1	1.7	2567	69.2
Asgrow	AG4633	RR2Y	4.6		1.0	29	1	1.3	2677	68.5
USG	74F53R	RR2Y/STS	4.5		1.5	30	1	1.3	2600	66.0
USG	74G23L	LL	4.2		1.8	31	2	2.0	2544	64.5
Mid-Atlantic Seed	MA4504nRR2/STS	RR2Y/STS	4.5		1.2	36	1	1.7	2600	64.3
Hubner Seed	H44-15R2SR	RR2Y/STS	4.4		1.3	32	3	1.3	2491	64.2
USG	74F24RS	RR2Y/STS	4.2		1.8	35	2	2.0	2671	63.4
USG	73P93R	RR2Y	3.9		1.3	29	2	2.0	2500	60.8
USG	74B42R	RR2Y	4.4		1.0	29	1	1.7	2567	60.7
USG	74F12R	RR2Y	4.1		2.5	28	0	0.9	2804	59.7
Doebler's	DB4415RR	RR	4.4		1.2	29	1	1.0	2958	59.6
HBK	4721RY	RR2Y	4.6		1.2	32	1	0.9	2770	55.4
USG	74G63L	LL	4.6		1.0	30	1	1.7	2937	53.6
USG	74D32R	RR2Y	4.3		1.0	29	1	1.3	3004	50.6
LSD (P=.10)					0.5	3	1	0.6	113	8.2
CV					25.4	8	83	28.0	3	9.1
Grand Mean					1.4	31	1	1.6	2681	65.4

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Table 3j. Performance of Double-Crop Early Maturity Group IV Entries at Warsaw, VA, 2014

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 Seed	MA4614RR2/STS	RR2/STS	4.6	18-Oct	1.2	31	3	2.1	2752	49.6
Asgrow	AG4232	RR2Y/STS	4.2	14-Oct	1.6	33	0	1.6	3268	49.0
USG	74F53R	RR2Y/STS	4.5	16-Oct	1.3	30	3	2.2	2573	48.1
Progeny	4613RYS	RR2Y/STS	4.6	15-Oct	1.3	29	3	1.7	2715	48.0
Dyna-Gro	31RY45	RR2Y	4.5	14-Oct	1.2	30	3	2.0	2832	47.6
Mid-Atlantic Seed	MA4355RR2n/STS	RR2/STS	4.3	15-Oct	1.4	32	3	2.5	2856	47.4
Asgrow	AG4632	RR2Y/STS	4.6	15-Oct	1.1	30	3	1.8	2955	45.4
Mid-Atlantic Seed	MA4222nRR2	RR2Y	4.2	13-Oct	1.4	30	2	1.8	3020	45.2
Mid-Atlantic Seed	MA4504nRR2/STS	RR2/STS	4.5	16-Oct	1.3	31	2	1.5	2942	45.0
USG	73P93R	RR2Y	3.9	14-Oct	1.2	27	3	2.5	2819	44.9
Pioneer	P46T21R	RR	4.6	16-Oct	1.3	26	2	1.8	3021	44.8
Asgrow	AG4633	RR2Y	4.6	13-Oct	1.2	27	2	1.5	2821	44.5
USG	74F24RS	RR2Y/STS	4.2	15-Oct	1.4	32	3	2.3	2948	44.3
USG	74B42R	RR2Y	4.4	15-Oct	1.2	27	2	1.5	2961	44.1
HBK	4721RY	RR2Y	4.6	18-Oct	1.2	29	3	1.9	2829	44.1
Channel	4508R2/SR	RR2Y/STS	4.5	18-Oct	1.3	30	1	1.9	2859	42.7
USG	74G23L	LL	4.2	15-Oct	1.3	26	6	2.2	2752	40.9
USG	74F12R	RR2Y	4.1	11-Oct	1.4	26	1	1.9	2953	40.8
USG	74D32R	RR2Y	4.3	18-Oct	1.2	27	2	2.1	3132	40.6
Doebler's	DB4415RR	RR	4.4	14-Oct	1.1	24	0	1.6	3445	40.5
Hubner Seed	H44-15R2SR	RR2Y/STS	4.4	18-Oct	1.3	28	1	1.9	2894	39.8
USG	74G63L	LL	4.6	18-Oct	1.2	26	4	1.9	2948	38.8
LSD (P=.10)				1.69	0.2	4	2	0.3	143	5.0
CV				2.75	10.4	9	62	12.9	4	8.2
Grand Mean				15-Oct	1.3	29	2	1.9	2922	44.4

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Table 4a. Performance of Full-Season Late Maturity Group IV Entries at Blackstone, VA, 2014

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	74B83R	RR2Y/STS	4.8		1.2	39	17	2.3	2465	81.3
Stine	49LD02	LL	4.9		1.2	38	3	2.0	2587	80.8
Univ Arkansas	R05-3239	CONV	4.9		1.8	41	2	1.7	2542	79.2
Armor	47-R13	RR2Y	4.7		1.7	45	14	2.3	2433	79.2
Halo	X449	LL/STS	4.9		1.7	44	3	1.3	2401	78.6
HBK	4950LL	LL	4.9		1.5	46	2	2.0	2703	78.1
VA TECH	V09-0610	STS	4.7		2.7	41	1	1.7	2302	76.7
Armor	AX4470	RR2Y	4.7		1.5	42	10	2.3	2210	76.5
Asgrow	AG4835	RR2Y/STS	4.8		1.7	40	6	2.0	2595	76.0
USG	ELLIS	CONV	4.9		1.8	37	2	1.0	3091	75.4
Southern Harvest	SH4715LL	LL	4.7		1.5	37	32	2.3	2298	75.2
Halo	X448	LL	4.8		1.5	39	33	2.7	2247	74.6
Doebler's	DB4715RR	RR	4.7		1.5	34	20	2.7	2264	74.2
Seed Consultants	SCS9494RR	RR	4.9		1.5	38	18	2.0	2179	73.5
HBK	4850LL	LL	4.8		1.3	37	8	2.0	2752	73.4
Halo	4:94	LL	4.9		1.3	41	10	1.7	2639	72.9
HBK	4953LL	LL	4.9		1.3	39	2	2.0	2724	72.9
Dyna-Gro	37RY47	RR2Y/STS	4.7		1.5	34	6	2.3	2443	72.8
Halo	4:76	LL	4.7		1.5	43	16	2.7	2409	72.5
CZ	4748LL	LL	4.7		1.3	36	32	3.0	2320	72.2
Armor	48-R66	RR2Y	4.8		1.5	39	14	2.3	2488	71.9
USG	74B94RS	RR2Y/STS	4.9		1.3	40	20	2.7	2334	71.8
Asgrow	AG4934	RR2Y/STS	4.9		1.2	39	14	2.0	2313	71.7
Channel	4806R2/STS	RR2Y/STS	4.8		1.7	44	10	2.0	2599	71.4
Asgrow	AG4933	RR2Y	4.9		1.8	43	6	2.0	2425	71.1
Southern Harvest	SH4913LL	LL	4.9		1.5	41	4	2.0	2678	70.8
Armor	AX4490	RR2Y	4.9		1.2	39	15	2.3	2670	70.7
USG	74A92R	RR2Y	4.9		1.5	41	9	2.0	2471	70.2
Doebler's	DB4715RR	RR	4.7		1.3	34	27	2.3	2133	69.8
Armor	49-R56	RR2Y	4.9		1.2	34	7	2.7	2066	69.7
Pioneer	P49T80R	RR	4.9		1.2	39	39	3.0	2403	69.4
T.A. Seeds	TS4939R2	RR2Y	4.9		1.5	37	11	3.3	2244	69.4
Progeny	4850RYS	RR2Y/STS	4.8		1.7	43	14	1.9	2509	68.9
Halo	4:95	LL	4.9		1.3	36	9	2.3	2581	68.8
Progeny	4900RY	RR2Y	4.9		1.3	34	13	2.3	2053	67.6
USG	74H92R	RR2Y	4.9		1.8	37	8	2.0	2188	67.4
Armor	AX4471	RR2Y	4.7		1.7	37	8	2.7	2838	67.2
Hubner Seed	H49-15R2SR	RR2Y/STS	4.9		1.5	35	7	2.3	2291	67.2
Dyna-Gro	S48RS53	RR2Y/STS	4.8		1.7	41	15	2.3	2472	67.2
Halo	4:97	LL/STS	4.9		1.3	44	0	1.3	3030	67.0
Pioneer	P48T53R	RR	4.8		2.0	35	8	2.3	2577	66.6
Southern States	SS4700R2-STS	RR2Y/STS	4.7		1.5	36	7	2.0	2398	66.5
USG	74A79R	RR2Y/STS	4.7		1.3	34	6	2.3	2290	66.4
eMerge	E4993	CONV	4.9		1.8	39	18	2.0	2295	66.1
eMerge	E4892S	CONV	4.7		1.5	35	5	2.3	2351	65.8
Dyna-Gro	S46RY85	RR2Y	4.7		1.7	37	19	2.3	2533	65.5
Southern States	SS4913NR2	RR2Y	4.9		1.7	40	11	2.0	2581	65.3
Progeny	4747RY	RR2Y	4.7		1.3	37	4	2.0	2386	65.1

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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	SS4714NSR2	RR2Y/STS	4.7		1.2	38	12	2.0	2346	65.1
Southern States	SS4917NR2	RR2Y	4.9		1.7	37	10	2.3	2307	64.1
CZ	4959RY	RR2Y	4.9		1.3	36	14	3.0	2265	64.0
Southern States	SS4725NSR2	RR2Y/STS	4.7		1.8	45	16	2.0	2552	63.7
Dyna-Gro	S49RY25	RR2Y	4.9		1.3	41	14	2.3	2339	63.1
Progeny	4788RY	RR2Y	4.7		1.2	38	23	3.0	2009	62.9
HBK	4721RY	RR2Y	4.7		2.4	44	11	2.3	2527	62.2
USG	74B81R	RR2Y/STS	4.8		2.0	43	7	2.3	2395	62.1
Armor	AX4480	RR2Y	4.8		2.0	36	9	2.0	2469	61.7
VA TECH	V11-2149	CONV	4.7		1.8	36	10	2.7	2777	60.8
Hubner Seed	H48-13R2SR	RR2Y/STS	4.8		1.2	36	17	3.0	2289	59.3
LSD (P=.10)					0.4	3	8	0.7	259	10.8
CV					19.1	6	50	22.6	8	11.4
Grand Mean					1.6	39	12	2.2	2442	69.7

Virginia Soybean OVT 2014

Table 4b. Performance of Full-Season Late Maturity Group IV Entries at Orange, VA, 2014

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)
Halo	X448	LL	4.8	9-Oct	2.0	40	0	2.0	2565	79.1
Halo	4:76	LL	4.7	9-Oct	1.0	34	4	2.3	2465	73.3
Doebler's	DB4715RR	RR	4.7	9-Oct	1.2	36	3	1.7	2390	72.8
VA TECH	V11-2149	CONV	4.7	9-Oct	1.2	31	2	2.0	2624	72.7
Asgrow	AG4835	RR2Y/STS	4.8	9-Oct	1.0	36	0	1.3	2937	72.7
Dyna-Gro	S48R553	RR2Y/STS	4.8	9-Oct	1.2	40	2	2.0	2524	72.3
eMerge	E4993	CONV	4.9	9-Oct	1.3	38	4	1.7	2392	72.2
Pioneer	P48T53R	RR	4.8	9-Oct	1.3	39	3	1.3	2731	71.7
Dyna-Gro	S46RY85	RR2Y	4.7	9-Oct	1.7	31	2	1.7	2641	71.4
Progeny	4900RY	RR2Y	4.9	9-Oct	1.0	30	1	2.0	2419	71.1
CZ	4748LL	LL	4.7	9-Oct	1.3	35	3	1.7	2616	71.0
Progeny	4850RYS	RR2Y/STS	4.8	9-Oct	1.0	36	1	2.0	2579	70.8
Southern States	SS4725NSR2	RR2Y/STS	4.7	7-Oct	1.0	34	1	1.7	2496	70.3
Armor	49-R56	RR2Y	4.9	7-Oct	1.2	32	0	1.7	2244	70.2
Asgrow	AG4933	RR2Y	4.9	9-Oct	1.3	43	1	2.0	2522	69.8
Dyna-Gro	37RY47	RR2Y/STS	4.7	9-Oct	1.0	33	1	1.7	2424	69.1
Armor	AX4490	RR2Y	4.9	9-Oct	2.2	39	1	2.0	2473	69.0
USG	74H92R	RR2Y	4.9	9-Oct	1.0	33	1	2.3	2517	68.9
Dyna-Gro	S49RY25	RR2Y	4.9	9-Oct	1.0	35	2	2.0	2626	68.6
Armor	48-R66	RR2Y	4.8	9-Oct	1.2	31	1	2.3	2566	68.4
Armor	47-R13	RR2Y	4.7	7-Oct	1.3	37	1	1.3	2698	68.2
Armor	AX4470	RR2Y	4.7	9-Oct	1.2	34	1	1.7	2411	68.1
USG	ELLIS	CONV	4.9	9-Oct	2.5	39	2	1.3	3428	67.9
Asgrow	AG4934	RR2Y/STS	4.9	7-Oct	1.3	34	2	1.7	2593	67.2
Stine	49LD02	LL	4.9	9-Oct	1.0	33	1	2.0	2957	66.8
Southern States	SS4700R2-STS	RR2Y/STS	4.7	7-Oct	1.0	30	1	1.7	2592	66.7
Hubner Seed	H49-15R2SR	RR2Y/STS	4.9	7-Oct	1.0	30	1	2.0	2535	66.7
Southern Harvest	SH4715LL	LL	4.7	9-Oct	1.2	33	5	2.0	2533	66.3
Pioneer	P49T80R	RR	4.9	11-Oct	1.3	34	3	1.7	2549	65.5
Progeny	4747RY	RR2Y	4.7	9-Oct	1.2	39	1	1.7	2625	65.5
USG	74A92R	RR2Y	4.9	11-Oct	1.8	40	0	1.7	2868	65.5
Channel	4806R2/STS	RR2Y/STS	4.8	7-Oct	1.0	35	1	1.7	2610	65.5
Southern States	SS4714NSR2	RR2Y/STS	4.7	8-Oct	1.3	36	1	2.1	2675	64.9
HBK	4850LL	LL	4.8	9-Oct	1.0	31	1	2.0	2780	64.7
Hubner Seed	H48-13R2SR	RR2Y/STS	4.8	9-Oct	1.2	33	1	2.0	2500	64.4
T.A. Seeds	TS4939R2	RR2Y	4.9	9-Oct	1.2	34	0	2.0	2453	64.0
eMerge	E4892S	CONV	4.7	9-Oct	1.2	32	1	1.7	2665	63.9
Southern States	SS4913NR2	RR2Y	4.9	8-Oct	1.5	34	2	2.1	2765	63.8
Halo	4:95	LL	4.9	9-Oct	1.2	36	1	2.0	2964	63.6
Univ Arkansas	R05-3239	CONV	4.9	11-Oct	2.7	42	1	1.7	2621	63.4
Armor	AX4480	RR2Y	4.8	9-Oct	1.2	32	1	1.7	2543	63.3
Halo	X449	LL/STS	4.9	11-Oct	1.3	36	0	1.3	2980	63.2
Halo	4:94	LL	4.9	11-Oct	1.2	36	1	1.7	3039	62.5
USG	74B83R	RR2Y/STS	4.8	9-Oct	1.2	32	2	2.0	2649	62.3
Progeny	4788RY	RR2Y	4.7	11-Oct	1.3	36	5	2.3	2162	62.2
Armor	AX4471	RR2Y	4.7	9-Oct	1.0	34	1	2.0	2867	62.0
USG	74B94RS	RR2Y/STS	4.9	7-Oct	1.2	32	1	1.7	2518	61.0

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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)	
Halo	4:97	LL/STS	4.9	9-Oct	1.0	41	0	1.3	3266	60.9
Southern States	SS4917NR2	RR2Y	4.9	9-Oct	1.0	30	1	2.3	2298	60.9
CZ	4959RY	RR2Y	4.9	9-Oct	1.2	33	1	2.0	2464	60.7
USG	74A79R	RR2Y/STS	4.7	9-Oct	1.2	27	1	1.7	2494	60.7
USG	74B81R	RR2Y/STS	4.8	9-Oct	1.3	38	0	2.0	2593	60.1
HBK	4953LL	LL	4.9	17-Oct	1.5	40	0	2.0	2811	59.9
Doebler's	DB4715RR	RR	4.7	9-Oct	1.0	28	1	1.9	2395	58.8
HBK	4721RY	RR2Y	4.7	9-Oct	1.4	37	1	2.0	2759	57.6
Seed Consultants	SCS9494RR	RR	4.9	7-Oct	1.0	29	1	1.7	2373	57.4
VA TECH	V09-0610	STS	4.7	11-Oct	2.7	44	0	1.7	2761	56.9
HBK	4950LL	LL	4.9	14-Oct	1.3	45	1	2.0	2995	54.7
Southern Harvest	SH4913LL	LL	4.9	14-Oct	1.3	46	0	2.0	2892	53.2
LSD (P=.10)				2-Jan	0.5	6	2	0.6	241	10.6
CV				5-Jan	30.8	13	88	22.9	7	11.9
Grand Mean				7-Feb	1.3	35	1	1.8	2637	65.6

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Table 4c. Performance of Full-Season Late Maturity Group IV Entries at Painter, VA, 2014

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)
VA TECH	V09-0610	STS	4.7	21-Oct	1.7	40	0	2.0	2399	64.2
USG	74B83R	RR2Y/STS	4.8	23-Oct	1.0	32	5	2.3	3047	64.1
HBK	4850LL	LL	4.8	21-Oct	1.0	32	3	2.3	3344	63.4
Seed Consultants	SCS9494RR	RR	4.9	21-Oct	1.0	32	2	2.0	2756	62.6
HBK	4950LL	LL	4.9	25-Oct	1.0	30	4	3.0	2778	61.3
Asgrow	AG4934	RR2Y/STS	4.9	21-Oct	1.0	32	3	2.7	3119	58.7
USG	ELLIS	CONV	4.9	25-Oct	1.0	30	1	1.3	3402	58.1
Halo	4:97	LL/STS	4.9	23-Oct	1.0	36	1	2.0	3095	57.9
Asgrow	AG4933	RR2Y	4.9	21-Oct	1.0	32	2	2.7	3301	57.9
eMerge	E4993	CONV	4.9	21-Oct	1.0	30	6	2.3	2723	57.2
Armor	48-R66	RR2Y	4.8	21-Oct	1.0	30	2	2.3	3120	57.2
Progeny	4900RY	RR2Y	4.9	21-Oct	1.0	32	2	2.3	2878	57.0
Progeny	4850RYS	RR2Y/STS	4.8	21-Oct	1.0	34	7	2.3	3254	56.9
HBK	4953LL	LL	4.9	23-Oct	1.0	27	2	2.7	3019	56.8
Southern Harvest	SH4913LL	LL	4.9	23-Oct	1.0	33	2	2.7	2662	56.5
Pioneer	P49T80R	RR	4.9	21-Oct	1.0	34	8	2.7	3020	56.2
Stine	49LD02	LL	4.9	23-Oct	1.0	31	3	2.7	3015	56.1
Halo	4:94	LL	4.9	21-Oct	1.0	30	3	2.3	3176	56.0
CZ	4748LL	LL	4.7	21-Oct	1.0	29	8	3.0	3031	55.9
Halo	4:95	LL	4.9	21-Oct	1.0	30	4	2.3	3208	55.7
Armor	AX4490	RR2Y	4.9	21-Oct	1.0	31	3	2.7	2923	55.4
Univ Arkansas	R05-3239	CONV	4.9	21-Oct	1.0	31	1	2.3	2936	55.1
Armor	AX4470	RR2Y	4.7	21-Oct	1.0	32	3	2.3	3183	55.1
HBK	4721RY	RR2Y	4.7	21-Oct	1.0	35	5	2.7	3108	54.5
Dyna-Gro	S48R553	RR2Y/STS	4.8	21-Oct	1.0	36	6	3.0	3431	54.3
Doebler's	DB4715RR	RR	4.7	21-Oct	1.0	30	6	2.3	3117	53.7
Dyna-Gro	37RY47	RR2Y/STS	4.7	21-Oct	1.0	27	1	2.7	3017	53.7
USG	74B94RS	RR2Y/STS	4.9	23-Oct	1.0	32	3	2.3	2949	53.5
USG	74A92R	RR2Y	4.9	21-Oct	1.0	33	2	2.3	3291	53.4
Channel	4806R2/STS	RR2Y/STS	4.8	21-Oct	1.0	34	6	2.3	3388	53.4
Progeny	4788RY	RR2Y	4.7	21-Oct	1.0	30	8	3.0	2607	53.1
Halo	X449	LL/STS	4.9	21-Oct	1.0	32	1	2.3	3031	53.0
Southern States	SS4714NSR2	RR2Y/STS	4.7	21-Oct	1.0	32	2	2.0	3275	52.6
Asgrow	AG4835	RR2Y/STS	4.8	21-Oct	1.0	31	3	2.0	3623	52.6
Southern States	SS4725NSR2	RR2Y/STS	4.7	21-Oct	1.0	32	2	2.3	3496	52.5
Pioneer	P48T53R	RR	4.8	21-Oct	1.0	30	3	2.0	3310	52.4
Armor	49-R56	RR2Y	4.9	21-Oct	1.0	30	1	2.3	3104	52.0
CZ	4959RY	RR2Y	4.9	21-Oct	1.0	28	4	3.3	2888	51.6
Dyna-Gro	S49RY25	RR2Y	4.9	21-Oct	1.0	33	7	3.0	3145	51.4
Armor	AX4471	RR2Y	4.7	21-Oct	1.0	28	3	2.0	3689	51.2
T.A. Seeds	TS4939R2	RR2Y	4.9	23-Oct	1.0	28	2	3.3	2958	51.2
Southern States	SS4700R2-STS	RR2Y/STS	4.7	21-Oct	1.0	29	2	2.0	3276	51.1
USG	74A79R	RR2Y/STS	4.7	21-Oct	1.0	29	2	2.7	3179	50.9
Doebler's	DB4715RR	RR	4.7	21-Oct	1.0	28	7	2.7	3335	50.2
Halo	4:76	LL	4.7	21-Oct	1.0	34	10	3.0	3050	50.1
Armor	47-R13	RR2Y	4.7	21-Oct	1.0	35	4	2.7	3325	50.1
Southern States	SS4913NR2	RR2Y	4.9	21-Oct	1.0	31	2	2.0	3424	50.1
Halo	X448	LL	4.8	23-Oct	1.0	32	8	2.7	3006	49.9

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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	74H92R	RR2Y	4.9	21-Oct	1.0	29	1	3.0	2863	49.9
Hubner Seed	H49-15R2SR	RR2Y/STS	4.9	21-Oct	1.0	28	4	2.3	3034	49.5
Dyna-Gro	S46RY85	RR2Y	4.7	21-Oct	1.0	29	2	2.3	3470	49.2
Southern Harvest	SH4715LL	LL	4.7	21-Oct	1.0	29	9	2.7	3293	48.9
eMerge	E4892S	CONV	4.7	21-Oct	1.0	28	0	2.3	3287	48.8
Southern States	SS4917NR2	RR2Y	4.9	21-Oct	1.0	29	3	2.7	2917	48.7
Progeny	4747RY	RR2Y	4.7	21-Oct	1.0	29	3	2.3	2775	47.7
Hubner Seed	H48-13R2SR	RR2Y/STS	4.8	21-Oct	1.0	29	3	2.3	2968	45.0
USG	74B81R	RR2Y/STS	4.8	21-Oct	1.0	36	2	2.3	3358	44.5
VA TECH	V11-2149	CONV	4.7	21-Oct	1.0	32	4	2.7	3753	43.0
Armor	AX4480	RR2Y	4.8	21-Oct	1.0	30	4	2.0	3623	40.4
LSD (P=.10)				2.14	0.2	4	3	0.7	269	10.2
CV				3.14	14.7	10	66	22.2	6	14.0
Grand Mean				50.46	1.0	31	4	2.5	3125	53.7

Virginia Soybean OVT 2014

Table 4d. Performance of Full-Season Late Maturity Group IV Entries at Suffolk, VA, 2014

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 Harvest	SH4913LL	LL	4.9		1.3	40	0	1.3	2552	89.3
HBK	4950LL	LL	4.9		1.3	44	0	1.3	2575	84.0
Southern Harvest	SH4715LL	LL	4.7		1.0	35	2	1.3	2373	80.3
HBK	4953LL	LL	4.9		1.0	39	1	1.3	2644	79.9
USG	74A79R	RR2Y/STS	4.7		1.0	37	0	1.3	2287	79.8
CZ	4748LL	LL	4.7		1.0	35	1	1.0	2402	79.7
HBK	4850LL	LL	4.8		1.0	39	0	1.0	2616	79.3
Southern States	SS4714NSR2	RR2Y/STS	4.7		1.0	40	0	1.0	2354	79.3
USG	ELLIS	CONV	4.9		2.0	37	0	1.0	3222	79.1
Halo	4:97	LL/STS	4.9		1.8	47	0	1.0	2873	79.0
Channel	4806R2/STS	RR2Y/STS	4.8		1.8	43	0	1.0	2454	78.9
Stine	49LD02	LL	4.9		1.0	40	0	1.0	2640	78.6
Armor	AX4471	RR2Y	4.7		1.0	37	0	1.0	2946	77.4
Asgrow	AG4933	RR2Y	4.9		1.0	41	0	1.2	2424	77.0
Progeny	4850RYS	RR2Y/STS	4.8		1.3	39	1	1.0	2515	77.0
Armor	48-R66	RR2Y	4.8		1.0	40	0	1.0	2591	76.5
Southern States	SS4917NR2	RR2Y	4.9		1.3	38	1	1.0	2290	76.5
Armor	AX4490	RR2Y	4.9		1.0	39	0	1.3	2340	75.9
Halo	4:95	LL	4.9		1.0	38	0	1.0	2708	75.8
Halo	X449	LL/STS	4.9		2.0	49	0	1.0	2337	75.6
USG	74H92R	RR2Y	4.9		1.0	37	0	1.7	2351	75.5
Asgrow	AG4835	RR2Y/STS	4.8		1.0	39	0	1.0	2815	75.5
Southern States	SS4700R2-STS	RR2Y/STS	4.7		1.2	37	0	1.0	2427	73.7
Progeny	4900RY	RR2Y	4.9		1.0	35	1	1.0	2270	73.3
Armor	49-R56	RR2Y	4.9		1.0	33	0	1.0	2267	72.9
USG	74B83R	RR2Y/STS	4.8		1.0	39	0	1.0	2605	72.8
T.A. Seeds	TS4939R2	RR2Y	4.9		1.0	38	0	1.0	2370	72.3
Seed Consultants	SCS9494RR	RR	4.9		1.3	41	0	1.0	2263	72.1
USG	74B94RS	RR2Y/STS	4.9		1.0	37	1	1.0	2274	72.1
Dyna-Gro	S48R553	RR2Y/STS	4.8		1.2	40	1	1.0	2572	72.0
Halo	4:94	LL	4.9		1.3	41	0	1.0	2670	71.9
CZ	4959RY	RR2Y	4.9		1.0	38	0	1.0	2345	71.9
Dyna-Gro	S49RY25	RR2Y	4.9		1.3	41	1	1.3	2519	71.6
Progeny	4788RY	RR2Y	4.7		1.0	39	2	1.3	2062	71.5
Asgrow	AG4934	RR2Y/STS	4.9		1.0	44	0	1.0	2448	71.1
Pioneer	P48T53R	RR	4.8		1.0	35	0	1.0	2687	71.0
Doebler's	DB4715RR	RR	4.7		1.0	35	1	1.0	2450	70.9
eMerge	E4993	CONV	4.9		1.0	36	1	1.0	2459	70.5
VA TECH	V11-2149	CONV	4.7		1.0	34	0	1.3	2459	70.4
Hubner Seed	H48-13R2SR	RR2Y/STS	4.8		1.0	34	0	1.0	2441	70.4
Hubner Seed	H49-15R2SR	RR2Y/STS	4.9		1.0	37	0	1.0	2369	70.2
Southern States	SS4725NSR2	RR2Y/STS	4.7		1.0	41	0	1.0	2519	70.0
Pioneer	P49T80R	RR	4.9		1.0	38	1	1.0	2693	69.9
Progeny	4747RY	RR2Y	4.7		1.0	37	1	1.0	2468	69.6
VA TECH	V09-0610	STS	4.7		2.7	41	1	1.0	2361	69.5
Univ Arkansas	R05-3239	CONV	4.9		1.7	39	0	1.0	2433	69.4
USG	74A92R	RR2Y	4.9		1.2	40	1	1.0	2547	69.2
Halo	X448	LL	4.8		1.2	38	2	1.0	2391	69.0

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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)	
Armor	AX4470	RR2Y	4.7		1.0	34	0	1.2	2457	68.0
Doebler's	DB4715RR	RR	4.7		1.0	35	0	1.3	2455	67.9
Armor	47-R13	RR2Y	4.7		1.3	41	1	1.0	2544	67.4
Dyna-Gro	S46RY85	RR2Y	4.7		1.0	34	0	1.3	2443	67.3
USG	74B81R	RR2Y/STS	4.8		1.3	44	0	1.0	2495	66.4
Armor	AX4480	RR2Y	4.8		1.0	35	1	1.0	2594	66.3
eMerge	E4892S	CONV	4.7		1.0	32	0	1.0	2636	64.9
HBK	4721RY	RR2Y	4.7		1.1	39	1	1.0	2445	64.7
Southern States	SS4913NR2	RR2Y	4.9		1.0	40	0	1.0	2592	64.6
Halo	4:76	LL	4.7		1.0	39	1	1.0	2496	64.1
Dyna-Gro	37RY47	RR2Y/STS	4.7		1.0	36	1	1.0	2526	58.7
LSD (P=.10)					0.5	3	1	0.4	138	9.8
CV					29.8	6	158	27.1	4	10.0
Grand Mean					1.2	38	0	1.1	2496	72.7

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Table 4e. Performance of Full-Season Late Maturity Group IV Entries at Warsaw, VA, 2014

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	AG4835	RR2Y/STS	4.8	29-Sep	1.6	35	1	1.5	3722	57.2
Armor	47-R13	RR2Y	4.7	29-Sep	2.0	41	2	1.9	3423	55.1
USG	ELLIS	CONV	4.9	6-Oct	1.7	31	1	1.4	3987	54.2
Southern States	SS4725NSR2	RR2Y/STS	4.7	27-Sep	1.7	35	2	2.1	3363	53.9
Southern Harvest	SH4913LL	LL	4.9	9-Oct	1.3	40	1	1.8	3424	53.6
Stine	49LD02	LL	4.9	25-Sep	1.4	34	0	1.6	3586	53.4
USG	74B94RS	RR2Y/STS	4.9	29-Sep	1.4	35	3	2.2	3081	53.0
Asgrow	AG4934	RR2Y/STS	4.9	1-Oct	1.5	35	1	1.7	3405	52.5
HBK	4953LL	LL	4.9	11-Oct	1.4	34	1	1.8	3520	52.0
Dyna-Gro	37RY47	RR2Y/STS	4.7	23-Sep	1.5	33	1	1.7	3323	51.9
Univ Arkansas	R05-3239	CONV	4.9	3-Sep	1.6	32	0	1.1	3364	51.7
eMerge	E4993	CONV	4.9	8-Oct	1.4	30	6	2.5	3110	51.2
Southern States	SS4714NSR2	RR2Y/STS	4.7	27-Sep	1.4	34	2	1.8	3267	51.2
HBK	4950LL	LL	4.9	11-Oct	1.5	39	1	1.9	3331	51.1
Pioneer	P48T53R	RR	4.8	2-Oct	1.6	29	2	1.9	3544	50.9
Armor	49-R56	RR2Y	4.9	26-Sep	1.6	29	1	1.6	3055	50.8
Southern States	SS4913NR2	RR2Y	4.9	27-Sep	1.7	34	3	1.7	3351	50.8
Halo	4:94	LL	4.9	8-Oct	1.2	38	2	1.9	3983	50.5
Dyna-Gro	S48RS53	RR2Y/STS	4.8	26-Sep	1.5	37	3	1.9	3448	50.5
CZ	4748LL	LL	4.7	27-Sep	1.4	32	2	2.2	3450	49.9
Halo	4:76	LL	4.7	23-Sep	1.4	38	5	2.3	3405	49.5
Doebler's	DB4715RR	RR	4.7	24-Sep	1.8	36	1	1.8	3300	49.4
VA TECH	V09-0610	STS	4.7	22-Sep	2.1	36	0	1.3	3000	49.3
Halo	X448	LL	4.8	26-Sep	1.4	33	2	2.3	3327	49.0
Seed Consultants	SCS9494RR	RR	4.9	2-Oct	1.3	32	2	1.8	2903	48.9
Armor	AX4470	RR2Y	4.7	29-Sep	1.3	31	2	1.8	3317	48.0
Dyna-Gro	S49RY25	RR2Y	4.9	1-Oct	1.5	33	2	1.7	3437	48.0
CZ	4959RY	RR2Y	4.9	29-Sep	1.4	33	1	2.1	3288	47.9
Southern States	SS4700R2-STS	RR2Y/STS	4.7	25-Sep	1.4	31	2	1.6	3513	47.8
USG	74B83R	RR2Y/STS	4.8	26-Sep	1.6	32	3	2.0	3586	47.8
Progeny	4850RYS	RR2Y/STS	4.8	23-Sep	1.7	36	2	2.0	3623	47.7
HBK	4850LL	LL	4.8	22-Sep	1.6	33	2	1.6	3791	47.6
Asgrow	AG4933	RR2Y	4.9	27-Sep	1.3	32	4	2.4	3262	47.5
Hubner Seed	H49-15R2SR	RR2Y/STS	4.9	27-Sep	1.6	28	1	2.0	3176	47.1
Armor	AX4471	RR2Y	4.7	24-Sep	1.8	32	1	1.6	4570	46.7
Halo	X449	LL/STS	4.9	29-Sep	1.5	40	1	1.6	3513	46.6
Halo	4:97	LL/STS	4.9	6-Oct	1.2	39	1	1.5	4257	46.5
Armor	AX4480	RR2Y	4.8	30-Sep	2.0	36	1	1.7	3600	46.5
Southern States	SS4917NR2	RR2Y	4.9	27-Sep	1.3	31	1	2.0	3263	46.5
Armor	AX4490	RR2Y	4.9	27-Sep	1.5	30	2	2.0	3148	46.3
USG	74A92R	RR2Y	4.9	29-Sep	1.8	32	1	1.7	3520	46.3
Progeny	4900RY	RR2Y	4.9	9-Oct	1.4	26	1	1.9	3030	46.1
Armor	48-R66	RR2Y	4.8	30-Sep	1.6	33	1	1.9	3626	46.0
Hubner Seed	H48-13R2SR	RR2Y/STS	4.8	22-Sep	1.6	29	6	3.2	2940	46.0
Channel	4806R2/STS	RR2Y/STS	4.8	29-Sep	1.4	31	5	2.4	3421	45.9
Pioneer	P49T80R	RR	4.9	27-Sep	1.6	32	4	2.1	3545	45.8
HBK	4721RY	RR2Y	4.7	27-Sep	1.6	34	2	2.0	3200	45.8
Halo	4:95	LL	4.9	6-Oct	1.5	33	2	1.9	3806	45.3

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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	SH4715LL	LL	4.7	25-Sep	1.3	27	1	2.2	3244	45.0
Progeny	4747RY	RR2Y	4.7	23-Sep	1.5	28	1	1.8	3257	44.5
USG	74A79R	RR2Y/STS	4.7	24-Sep	1.8	28	1	1.9	3497	44.3
USG	74H92R	RR2Y	4.9	6-Oct	1.2	30	2	2.1	3292	43.3
USG	74B81R	RR2Y/STS	4.8	23-Sep	1.6	34	1	1.8	3366	43.2
eMerge	E4892S	CONV	4.7	23-Sep	1.6	28	1	2.1	3420	42.9
Doebler's	DB4715RR	RR	4.7	24-Sep	1.4	30	2	2.6	3260	42.2
Dyna-Gro	S46RY85	RR2Y	4.7	23-Sep	1.8	29	3	2.3	3423	41.3
T.A. Seeds	TS4939R2	RR2Y	4.9	25-Sep	1.3	28	1	2.2	3300	38.0
Progeny	4788RY	RR2Y	4.7	23-Sep	1.4	29	4	3.4	2769	36.8
VA TECH	V11-2149	CONV	4.7	22-Sep	1.0	27	1	2.1	4103	24.8
LSD (P=.10)				2	0.3	5	2	0.3	176	8.6
CV				5.26	14.5	12	90	13.1	4	13.3
Grand Mean				28-Sep	1.5	33	2	1.9	3419	47.7

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Table 4f. Performance of Double-Crop Late Maturity Group IV Entries at Blackstone, VA, 2014

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	AG4835	RR2Y/STS	4.8		1.8	43	2	2.3	2542	85.5
Southern Harvest	SH4913LL	LL	4.9		2.0	46	2	2.7	2490	81.3
Pioneer	P48T53R	RR	4.8		1.8	41	4	2.3	2551	79.4
Channel	4806R2/STS	RR2Y/STS	4.8		2.2	45	3	2.7	2403	78.7
Southern States	SS4714NSR2	RR2Y/STS	4.7		1.8	42	6	2.7	2301	77.4
USG	74B94RS	RR2Y/STS	4.9		2.3	45	6	2.3	2298	77.1
Pioneer	P49T80R	RR	4.9		1.7	44	7	2.3	2502	76.9
HBK	4950LL	LL	4.9		1.7	48	1	2.3	2672	76.4
Southern States	SS4913NR2	RR2Y	4.9		1.8	41	5	2.7	2451	76.0
USG	ELLIS	CONV	4.9		1.8	41	1	2.3	2974	75.6
Doebler's	DB4715RR	RR	4.7		2.0	39	4	2.7	2525	74.8
USG	74B83R	RR2Y/STS	4.8		1.7	37	3	2.3	2410	74.7
HBK	4953LL	LL	4.9		1.2	41	0	2.0	2724	74.1
Dyna-Gro	S48RS53	RR2Y/STS	4.8		2.0	49	5	2.3	2373	74.1
Southern States	SS4700R2-STS	RR2Y/STS	4.7		2.2	38	3	2.7	2387	73.9
Mid-Atlantic Seeds	MA4722RR2/STS	RR2Y/STS	4.7		2.2	38	4	2.3	2505	73.8
USG	74B81R	RR2Y/STS	4.8		2.8	45	2	2.3	2407	73.1
Progeny	4747RY	RR2Y	4.7		1.7	40	2	2.2	2526	72.3
Dyna-Gro	S49RY25	RR2Y	4.9		1.7	43	7	3.0	2420	72.2
Asgrow	AG4934	RR2Y/STS	4.9		1.7	43	4	2.3	2411	72.0
HBK	4721RY	RR2Y	4.7		2.5	41	6	2.7	2521	70.8
Progeny	4788RY	RR2Y	4.7		2.2	41	6	2.3	2284	70.4
Asgrow	AG4933	RR2Y	4.9		2.0	42	4	2.7	2369	70.3
USG	74G74LS	LL/STS	4.7		2.0	48	1	2.3	2744	70.0
USG	74H92R	RR2Y	4.9		2.8	43	4	2.7	2232	70.0
Progeny	4850RYS	RR2Y/STS	4.8		1.8	47	2	2.7	2535	69.9
CZ	4959RY	RR2Y	4.9		2.2	41	3	2.3	2391	69.7
USG	74A92R	RR2Y	4.9		1.8	42	3	2.3	2436	69.7
Progeny	4900RY	RR2Y	4.9		1.7	39	3	2.7	2436	69.4
Southern States	SS4725NSR2	RR2Y/STS	4.7		2.2	43	7	3.0	2354	68.8
Southern Harvest	SH4715LL	LL	4.7		1.7	39	10	3.3	2325	68.7
SCS	SCS9494RR	RR	4.8		1.7	41	6	2.7	2412	68.3
VA TECH	V11-2149	CONV	4.7		2.5	45	4	2.7	2524	67.2
Southern States	SS4917NR2	RR2Y	4.9		2.7	40	4	2.3	2315	66.5
USG	74A79R	RR2Y/STS	4.7		2.0	39	1	2.3	2313	66.4
USG	74G82L	LL	4.8		1.3	35	2	2.7	2551	65.4
USG	74G63L	LL	4.6		1.5	37	1	2.3	2411	63.5
VA TECH	V09-0610	STS	4.7		3.3	49	0	2.0	2513	61.0
Hubner Seed	H48-13R2SR	RR2Y/STS	4.8		2.2	42	2	2.7	2259	58.3
Hubner Seed	H49-15R2SR	RR2Y/STS	4.9		2.0	37	2	2.0	2365	57.9
LSD (P=.10)					0.8	4	3	0.6	209	8.6
CV					27.9	8	60	16.5	6	8.8
Grand Mean					2.0	42	4	2.5	2454	71.5

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Table 4g. Performance of Double-Crop Late Maturity Group IV Entries at Orange, VA, 2014

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)	
Channel	4806R2/STS	RR2Y/STS	4.8		1.3	35	0	2.0	3213	58.3
USG	74B81R	RR2Y/STS	4.8		1.8	36	1	2.0	2969	58.0
Southern States	SS4917NR2	RR2Y	4.9		1.2	32	0	2.0	2877	55.7
USG	74A92R	RR2Y	4.9		1.3	34	0	2.0	3312	55.2
USG	74B83R	RR2Y/STS	4.8		1.2	36	0	1.7	3015	55.2
USG	ELLIS	CONV	4.9		2.0	35	0	1.7	3950	54.9
Southern Harvest	SH4715LL	LL	4.7		1.0	34	2	2.0	3030	54.6
Hubner Seed	H48-13R2SR	RR2Y/STS	4.8		1.5	34	0	2.0	3056	54.4
Asgrow	AG4835	RR2Y/STS	4.8		1.5	34	1	2.0	3493	53.5
Southern States	SS4700R2-STS	RR2Y/STS	4.7		1.2	34	0	2.0	2999	52.5
Mid-Atlantic Seeds	MA4722RR2/STS	RR2Y/STS	4.7		1.2	34	1	1.7	3312	52.2
HBK	4950LL	LL	4.9		1.2	38	0	2.0	3450	51.6
USG	74A79R	RR2Y/STS	4.7		1.0	30	0	1.7	2943	51.2
Southern States	SS4714NSR2	RR2Y/STS	4.7		1.2	33	0	2.0	2998	50.3
Progeny	4747RY	RR2Y	4.7		1.3	35	0	2.0	2976	50.2
VA TECH	V11-2149	CONV	4.7		1.2	33	1	2.0	3468	50.1
Southern States	SS4913NR2	RR2Y	4.9		1.3	36	0	1.7	3288	50.1
USG	74G63L	LL	4.6		1.2	30	1	2.0	3201	49.7
Dyna-Gro	S48R553	RR2Y/STS	4.8		1.3	34	0	2.0	3149	49.5
Pioneer	P48T53R	RR	4.8		1.5	33	1	2.0	3498	49.3
HBK	4721RY	RR2Y	4.7		1.2	32	2	2.0	3278	49.1
Pioneer	P49T80R	RR	4.9		1.2	34	2	2.0	3812	49.0
Doebler's	DB4715RR	RR	4.7		1.2	33	1	2.0	3098	48.7
Asgrow	AG4934	RR2Y/STS	4.9		1.2	34	2	2.0	3236	48.7
USG	74G82L	LL	4.8		1.2	34	0	2.0	3432	48.5
Asgrow	AG4933	RR2Y	4.9		1.3	37	0	2.0	3069	48.5
Dyna-Gro	S49RY25	RR2Y	4.9		1.3	34	0	2.0	3225	48.5
Southern States	SS4725NSR2	RR2Y/STS	4.7		1.0	34	1	2.0	3263	47.9
USG	74G74LS	LL/STS	4.7		1.0	37	0	2.0	3907	47.7
USG	74B94RS	RR2Y/STS	4.9		1.0	30	1	2.0	3067	47.5
Southern Harvest	SH4913LL	LL	4.9		1.0	36	0	2.0	3380	47.2
Progeny	4850RYS	RR2Y/STS	4.8		1.0	33	1	1.7	3283	47.1
Hubner Seed	H49-15R2SR	RR2Y/STS	4.9		1.2	29	0	2.0	3164	45.4
Progeny	4900RY	RR2Y	4.9		1.2	27	1	2.0	2833	44.5
HBK	4953LL	LL	4.9		1.0	32	0	2.0	3701	44.1
Progeny	4788RY	RR2Y	4.7		1.3	33	3	2.0	2660	44.0
USG	74H92R	RR2Y	4.9		1.2	31	0	2.0	2776	43.8
CZ	4959RY	RR2Y	4.9		1.0	31	0	2.0	3076	43.3
SCS	SCS9494RR	RR	4.8		1.2	31	1	2.0	3095	42.6
VA TECH	V09-0610	STS	4.7		2.2	36	0	2.0	3549	38.3
LSD (P=.10)					0.4	4	1	0.3	197	9.9
CV					24.1	9	113	11.1	4	14.7
Grand Mean					1.3	33	1	2.0	3228	49.5

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Table 4h. Performance of Double-Crop Late Maturity Group IV Entries at Painter, VA, 2014

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		1.0	25	0	1.7	2816	69.7
USG	74B83R	RR2Y/STS	4.8		1.0	23	0	1.7	2590	66.7
USG	ELLIS	CONV	4.9		1.0	28	0	1.0	3406	65.3
USG	74G74LS	LL/STS	4.7		1.0	28	0	2.0	2900	64.0
VA TECH	V11-2149	CONV	4.7		1.0	20	5	1.7	2607	63.7
HBK	4953LL	LL	4.9		1.0	23	1	1.7	2923	63.5
Asgrow	AG4933	RR2Y	4.9		1.0	21	2	2.0	2791	62.6
Progeny	4850RYS	RR2Y/STS	4.8		1.0	25	1	2.0	2672	62.6
Dyna-Gro	S48RS53	RR2Y/STS	4.8		1.0	25	0	2.0	2635	62.4
Asgrow	AG4934	RR2Y/STS	4.9		1.0	23	1	1.7	2612	62.1
VA TECH	V09-0610	STS	4.7		1.0	26	0	1.7	2557	61.9
HBK	4950LL	LL	4.9		1.0	24	0	2.0	2785	61.4
Southern States	SS4714NSR2	RR2Y/STS	4.7		1.0	26	0	1.7	2543	61.2
Southern States	SS4725NSR2	RR2Y/STS	4.7		1.0	20	1	2.0	2608	57.9
Hubner Seed	H48-13R2SR	RR2Y/STS	4.8		1.0	23	3	2.0	2510	57.9
USG	74G82L	LL	4.8		1.0	21	0	2.0	2771	57.5
Dyna-Gro	S49RY25	RR2Y	4.9		1.0	24	0	2.0	2673	57.3
Channel	4806R2/STS	RR2Y/STS	4.8		1.0	21	2	2.0	2594	57.0
Pioneer	P49T80R	RR	4.9		1.0	21	1	2.0	2638	56.3
Southern States	SS4917NR2	RR2Y	4.9		1.0	22	2	2.0	2355	55.8
USG	74H92R	RR2Y	4.9		1.0	22	0	2.0	2366	55.5
Southern States	SS4700R2-STS	RR2Y/STS	4.7		1.0	19	1	2.0	2538	54.7
Southern States	SS4913NR2	RR2Y	4.9		1.0	22	1	1.7	2572	54.2
USG	74B81R	RR2Y/STS	4.8		1.0	26	4	2.0	2490	53.2
Progeny	4788RY	RR2Y	4.7		1.0	24	8	2.0	2227	53.1
Asgrow	AG4835	RR2Y/STS	4.8		1.0	23	0	1.7	2868	52.9
CZ	4959RY	RR2Y	4.9		1.0	21	0	2.0	2361	51.4
Doebler's	DB4715RR	RR	4.7		1.0	17	3	2.0	2411	50.4
USG	74A92R	RR2Y	4.9		1.0	25	0	2.0	2654	48.7
Southern Harvest	SH4715LL	LL	4.7		1.0	18	8	2.0	2464	48.6
Hubner Seed	H49-15R2SR	RR2Y/STS	4.9		1.0	18	3	1.7	2389	48.0
SCS	SCS9494RR	RR	4.8		1.0	23	0	2.0	2480	47.6
USG	74A79R	RR2Y/STS	4.7		1.0	20	1	2.0	2393	46.5
Progeny	4900RY	RR2Y	4.9		1.0	18	3	2.0	2307	46.3
USG	74B94RS	RR2Y/STS	4.9		1.0	21	1	1.7	2321	46.3
Progeny	4747RY	RR2Y	4.7		1.0	21	1	1.7	2618	46.0
Mid-Atlantic Seeds	MA4722RR2/STS	RR2Y/STS	4.7		1.0	20	1	2.0	2578	44.5
Pioneer	P48T53R	RR	4.8		1.0	18	1	1.7	2607	43.4
USG	74G63L	LL	4.6		1.0	18	3	2.0	2745	38.7
HBK	4721RY	RR2Y	4.7		1.0	23	0	2.0	2491	37.2
LSD (P=.10)					0.0	4	2	0.4	153	11.7
CV					0.0	14	108	17.1	4	15.7
Grand Mean					1.0	22	2	1.9	2597	54.8

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Table 4i. Performance of Double-Crop Late Maturity Group IV Entries at Suffolk, VA, 2014

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)	
HBK	4950LL	LL	4.9		1.8	40	1	1.3	2803	85.2
HBK	4953LL	LL	4.9		1.5	34	0	1.3	2913	84.3
Southern States	SS4714NSR2	RR2Y/STS	4.7		1.0	33	0	1.3	2693	81.1
Pioneer	P49T80R	RR	4.9		1.5	35	0	1.0	2752	79.3
Asgrow	AG4835	RR2Y/STS	4.8		1.0	34	0	1.3	3050	79.3
USG	74A92R	RR2Y	4.9		1.7	35	2	1.3	2870	78.8
Southern Harvest	SH4913LL	LL	4.9		1.5	39	0	1.3	2859	78.2
Channel	4806R2/STS	RR2Y/STS	4.8		1.8	33	0	1.0	2874	77.5
Progeny	4747RY	RR2Y	4.7		1.7	32	0	1.3	2850	77.0
Asgrow	AG4934	RR2Y/STS	4.9		1.0	36	1	1.3	2725	76.5
Hubner Seed	H49-15R2SR	RR2Y/STS	4.9		1.3	31	1	1.7	2590	76.3
Asgrow	AG4933	RR2Y	4.9		1.2	33	0	1.0	2675	75.8
Southern States	SS4700R2-STS	RR2Y/STS	4.7		1.7	32	0	1.0	2701	74.2
USG	74G82L	LL	4.8		1.0	32	0	1.3	2874	74.1
USG	74G74LS	LL/STS	4.7		2.3	40	0	1.3	3205	73.9
Dyna-Gro	S49RY25	RR2Y	4.9		1.3	33	1	1.3	2881	73.7
VA TECH	V11-2149	CONV	4.7		1.5	33	0	1.3	3035	73.0
USG	74A79R	RR2Y/STS	4.7		1.5	30	1	1.0	2542	73.0
Southern Harvest	SH4715LL	LL	4.7		1.7	28	2	1.0	2629	71.9
USG	74B94RS	RR2Y/STS	4.9		1.2	33	0	1.3	2487	71.4
Pioneer	P48T53R	RR	4.8		1.0	30	0	1.3	3017	69.6
Progeny	4788RY	RR2Y	4.7		1.2	31	2	1.3	2444	69.2
Southern States	SS4917NR2	RR2Y	4.9		1.3	30	0	1.0	2597	69.1
Southern States	SS4913NR2	RR2Y	4.9		1.5	32	1	1.0	2844	68.8
USG	74B81R	RR2Y/STS	4.8		1.5	38	0	1.3	2774	68.8
USG	ELLIS	CONV	4.9		2.2	30	0	1.0	3484	68.0
Progeny	4850RYS	RR2Y/STS	4.8		1.3	33	0	1.0	2975	67.9
Dyna-Gro	S48RS53	RR2Y/STS	4.8		1.5	31	1	1.3	2830	67.8
Southern States	SS4725NSR2	RR2Y/STS	4.7		1.2	30	0	1.3	2931	67.4
Mid-Atlantic Seeds	MA4722RR2/STS	RR2Y/STS	4.7		2.0	33	0	1.0	2868	67.3
Hubner Seed	H48-13R2SR	RR2Y/STS	4.8		1.5	32	2	1.3	2676	66.2
SCS	SCS9494RR	RR	4.8		1.5	29	1	1.0	2616	66.0
USG	74B83R	RR2Y/STS	4.8		1.7	32	1	1.0	2819	65.3
Doebler's	DB4715RR	RR	4.7		1.0	30	1	1.7	2741	64.9
CZ	4959RY	RR2Y	4.9		1.0	30	0	1.3	2656	63.3
HBK	4721RY	RR2Y	4.7		1.2	34	0	1.0	2820	62.9
VA TECH	V09-0610	STS	4.7		2.2	29	0	1.3	2592	60.8
Progeny	4900RY	RR2Y	4.9		1.5	27	1	1.3	2459	59.3
USG	74H92R	RR2Y	4.9		1.2	30	0	1.7	2726	57.7
USG	74G63L	LL	4.6		1.0	24	0	1.3	3076	47.9
LSD (P=.10)					0.5	4	1	0.5	170	10.7
CV					25.5	9	156	28.1	4	11.1
Grand Mean					1.4	32	1	1.2	2799	70.8

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Table 4j. Performance of Double-Crop Late Maturity Group IV Entries at Warsaw, VA, 2014

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	P49T80R	RR	4.9	20-Oct	1.8	39	1	1.6	3048	64.1
Asgrow	AG4835	RR2Y/STS	4.8	18-Oct	1.7	35	0	1.2	3155	64.0
Southern Harvest	SH4715LL	LL	4.7	17-Oct	1.6	32	4	1.9	2602	62.5
USG	ELLIS	CONV	4.9	27-Oct	1.9	37	2	1.7	3745	61.4
Progeny	4850RYS	RR2Y/STS	4.8	19-Oct	1.7	37	3	1.8	2975	61.1
USG	74H92R	RR2Y	4.9	17-Oct	1.3	35	2	1.6	2514	60.6
HBK	4953LL	LL	4.9	30-Oct	1.1	34	2	2.0	2881	60.2
Southern States	SS4714NSR2	RR2Y/STS	4.7	18-Oct	1.2	35	1	1.8	2683	60.0
HBK	4950LL	LL	4.9	26-Oct	1.3	39	2	1.9	3075	59.6
Progeny	4747RY	RR2Y	4.7	16-Oct	1.5	33	2	1.5	2600	59.4
Southern States	SS4725NSR2	RR2Y/STS	4.7	20-Oct	1.7	38	2	1.7	2885	59.3
USG	74A92R	RR2Y	4.9	18-Oct	1.5	36	1	1.4	2849	59.2
USG	74G74LS	LL/STS	4.7	25-Oct	1.7	39	1	1.4	3322	58.6
Mid-Atlantic Seeds	MA4722RR2/STS	RR2Y/STS	4.7	18-Oct	1.4	32	2	1.5	2764	58.6
USG	74A79R	RR2Y/STS	4.7	14-Oct	1.3	33	1	1.5	2513	58.5
Channel	4806R2/STS	RR2Y/STS	4.8	18-Oct	1.6	35	5	1.8	2912	58.4
USG	74G82L	LL	4.8	16-Oct	1.3	32	1	1.6	2826	58.2
USG	74B83R	RR2Y/STS	4.8	18-Oct	1.2	30	1	1.5	2758	58.2
SCS	SCS9494RR	RR	4.8	19-Oct	1.6	38	1	1.4	2781	57.9
Doebler's	DB4715RR	RR	4.7	16-Oct	1.2	35	3	1.5	2733	57.2
Southern Harvest	SH4913LL	LL	4.9	28-Oct	1.2	38	2	2.0	3027	57.1
Southern States	SS4700R2-STS	RR2Y/STS	4.7	14-Oct	1.4	33	1	1.4	2747	57.1
VA TECH	V09-0610	STS	4.7	24-Oct	1.8	42	2	1.3	2907	57.1
Dyna-Gro	S49RY25	RR2Y	4.9	18-Oct	1.7	36	2	1.7	2754	57.0
Asgrow	AG4934	RR2Y/STS	4.9	18-Oct	1.5	36	4	1.9	2832	56.8
Southern States	SS4913NR2	RR2Y	4.9	18-Oct	1.7	35	2	1.5	2850	56.7
Dyna-Gro	S48RS53	RR2Y/STS	4.8	20-Oct	1.5	36	3	2.0	2956	56.6
Pioneer	P48T53R	RR	4.8	15-Oct	1.7	33	1	1.5	3106	56.0
USG	74B81R	RR2Y/STS	4.8	17-Oct	1.5	40	1	1.4	2661	55.8
Progeny	4788RY	RR2Y	4.7	14-Oct	1.4	34	8	2.3	2267	54.5
Asgrow	AG4933	RR2Y	4.9	18-Oct	1.4	37	2	1.6	2911	54.1
CZ	4959RY	RR2Y	4.9	16-Oct	1.1	31	2	1.8	2610	53.2
VA TECH	V11-2149	CONV	4.7	14-Oct	1.6	33	2	1.6	2893	51.8
USG	74B94RS	RR2Y/STS	4.9	22-Oct	1.3	32	7	2.2	2620	51.0
HBK	4721RY	RR2Y	4.7	17-Oct	1.5	34	4	1.7	2769	50.9
USG	74G63L	LL	4.6	17-Oct	1.1	30	3	1.8	2781	49.8
Southern States	SS4917NR2	RR2Y	4.9	16-Oct	1.4	31	1	1.6	2666	49.4
Hubner Seed	H49-15R2SR	RR2Y/STS	4.9	15-Oct	1.4	29	1	1.4	2687	48.8
Hubner Seed	H48-13R2SR	RR2Y/STS	4.8	19-Oct	1.2	32	0	1.9	2688	48.3
Progeny	4900RY	RR2Y	4.9	17-Oct	1.3	28	1	1.5	2486	47.9
LSD (P=.10)				2.43	0.3	3	2	0.2	110	6.8
CV				3.72	13.4	5	63	10.8	3	8.8
Grand Mean				18-Oct	1.5	35	2	1.7	2821	56.7

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Table 5a. Performance of Full-Season Early Maturity Group V Entries at Blackstone, VA, 2014

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	40	2	2.0	2725	81.6
Stine	51RD02	RR2Y	5.1		2.7	50	3	2.0	2757	81.2
Halo	5:45	LL	5.4		1.5	42	1	1.7	2664	80.9
Southern States	LL513N	LL	5.1		1.3	42	1	2.0	2769	79.6
Stine	51LE20	LL	5.1		1.2	42	1	1.0	2752	78.1
Halo	X452	LL	5.2		1.3	44	2	1.7	2715	77.9
Halo	5:26	LL	5.2		2.8	41	3	2.0	2404	76.7
Asgrow	AG5335	RR2Y/STS	5.3		1.0	40	15	2.3	2290	76.2
Stine	54LE23	LL	5.4		1.3	42	3	1.7	2763	75.2
CZ	5242LL	LL	5.2		1.3	42	1	1.3	2791	75.0
Public	Glenn	CONV	5.1		2.2	36	2	2.0	2832	74.3
Halo	5:01	LL	5.0		1.5	44	2	2.0	2630	73.2
VA TECH	V11-0730	CONV	5.1		1.8	32	3	2.0	2747	72.2
Channel	5307R2	RR2Y	5.3		1.5	43	9	2.3	2432	72.0
Halo	X451	LL	5.1		1.3	37	2	2.0	2620	71.8
Asgrow	AG5332	RR2Y	5.3		1.5	39	14	2.7	2386	71.4
Armor	50-R44	RR2Y	5.0		1.5	42	12	2.7	2560	71.1
Progeny	5460LL	LL	5.4		1.2	40	3	1.0	2814	70.5
HBK	5421RY	RR2Y	5.4		1.5	39	2	1.3	2459	70.2
Armor	AX4500	RR2Y	5.0		1.7	42	12	2.3	2359	69.6
Halo	5:25	LL	5.2		1.7	36	0	1.7	2665	69.4
Armor	AX4520	RR2Y	5.2		3.3	43	1	2.0	2413	69.3
HBK	5221RY	RR2Y	5.2		1.8	45	12	3.3	2271	68.7
VA TECH	V10-1687	CONV	5.1		2.7	35	3	2.0	2747	67.9
Progeny	5220LLS	LL/STS	5.2		1.3	57	1	1.7	2410	66.8
Pioneer	P52T50R	RR	5.3		1.7	40	2	2.0	2827	66.1
CZ	5150LL	LL	5.1		1.8	42	0	2.3	2806	64.6
Southern States	SS5213NR2	RR2Y	5.2		2.0	46	4	1.7	2586	64.6
Dyna-Gro	S53RY23	RR2Y	5.3		2.5	45	4	1.3	2493	64.5
Progeny	5333RY	RR2Y	5.3		3.0	45	6	2.0	2857	64.5
VA TECH	V09-0579	STS	5.1		1.8	38	3	2.3	2365	64.1
Doebler's	DB5215RR	RR	5.2		2.2	42	1	2.0	2407	63.5
Progeny	5213RY	RR2Y	5.2		1.3	43	8	2.7	2648	63.4
Pioneer	P50T64R	RR	5.0		1.5	36	9	2.3	2469	63.3
Univ Arkansas	UA5213C	CONV	5.2		3.8	42	2	2.0	2780	59.1
Montague Farms	V09-3876	CONV	5.1		2.0	38	1	2.0	4511	58.4
Univ Arkansas	R04-1268RR	RR	5.4		3.3	39	4	2.0	2874	57.3
LSD (P=.10)					1.0	4	3	0.6	130	10.6
CV					37.3	8	53	20.7	4	11.0
Grand Mean					1.9	41	4	2.0	2665	70.1

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Table 5b. Performance of Full-Season Early Maturity Group V Entries at Orange, VA, 2014

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)	
Halo	5:25	LL	5.2	3-Nov	3.3	44	0	2.0	2823	67.5
Armor	50-R44	RR2Y	5.0	9-Oct	2.2	40	1	1.7	2861	63.4
VA TECH	V11-0730	CONV	5.1	22-Oct	4.2	39	0	2.0	2898	62.7
Pioneer	P52T50R	RR	5.3	20-Oct	2.2	43	0	2.3	3227	62.1
Halo	5:26	LL	5.2	28-Oct	4.2	46	0	2.3	2647	61.9
Progeny	5213RY	RR2Y	5.2	23-Oct	3.2	50	1	2.0	3068	61.7
Armor	AX4500	RR2Y	5.0	14-Oct	2.3	43	1	2.0	2737	61.5
Channel	5307R2	RR2Y	5.3	22-Oct	3.3	46	2	3.0	2555	60.5
Southern States	SS5213NR2	RR2Y	5.2	3-Nov	3.8	48	2	2.3	2833	59.4
Southern States	LL513N	LL	5.1	28-Oct	2.2	47	1	2.3	2897	59.2
Univ Arkansas	UA5213C	CONV	5.2	3-Nov	4.8	44	1	2.7	3270	58.8
Southern Harvest	SH5215LL	LL	5.2	25-Oct	2.2	44	2	2.3	2878	58.5
VA TECH	V10-1687	CONV	5.1	18-Oct	4.0	38	1	2.3	2855	57.3
Halo	X451	LL	5.1	31-Oct	1.4	47	3	1.5	2850	57.3
HBK	5421RY	RR2Y	5.4	3-Nov	3.8	40	0	2.0	2688	57.2
HBK	5221RY	RR2Y	5.2	3-Nov	2.8	47	5	3.0	2283	56.4
CZ	5150LL	LL	5.1	28-Oct	2.0	45	1	2.0	2961	56.1
Halo	5:45	LL	5.4	5-Nov	2.7	41	0	2.1	3118	56.0
Asgrow	AG5335	RR2Y/STS	5.3	17-Oct	2.3	42	1	2.0	2857	56.0
Progeny	5333RY	RR2Y	5.3	22-Oct	4.0	47	3	2.7	3188	54.8
Asgrow	AG5332	RR2Y	5.3	23-Oct	3.2	39	1	2.7	3064	54.5
Stine	51LE20	LL	5.1	28-Oct	3.0	47	0	1.7	3390	53.5
CZ	5242LL	LL	5.2	3-Nov	3.8	51	0	1.7	3367	53.5
Pioneer	P50T64R	RR	5.0	22-Oct	2.3	37	1	2.0	2761	53.5
Public	Glenn	CONV	5.1	22-Oct	4.8	38	0	2.7	3039	53.4
Univ Arkansas	R04-1268RR	RR	5.4	28-Oct	4.3	48	2	2.3	2812	53.3
Halo	5:01	LL	5.0	3-Nov	3.2	54	1	2.3	2936	52.1
Progeny	5220LLS	LL/STS	5.2	3-Nov	2.5	61	0	1.7	2862	52.1
Montague Farms	V09-3876	CONV	5.1	20-Oct	3.0	42	0	2.0	4544	49.8
Armor	AX4520	RR2Y	5.2	28-Oct	4.3	46	1	2.7	2593	49.6
Progeny	5460LL	LL	5.4	17-Oct	2.2	45	2	2.0	3209	48.9
Halo	X452	LL	5.2	28-Oct	3.3	48	0	2.3	3380	45.6
Doebler's	DB5215RR	RR	5.2	28-Oct	3.7	45	0	2.3	2716	45.3
Dyna-Gro	S53RY23	RR2Y	5.3	3-Nov	4.2	51	1	1.7	3032	41.4
Stine	51RD02	RR2Y	5.1	28-Oct	4.0	53	0	2.0	3396	41.3
VA TECH	V09-0579	STS	5.1	22-Oct	3.3	42	2	2.3	2651	40.4
Stine	54LE23	LL	5.4	3-Nov	4.8	49	1	2.0	3193	34.3
LSD (P=.10)				10.68	1.0	6	2	0.6	204	10.6
CV				14.05	22.0	10	116	20.2	5	14.3
Grand Mean				26-Oct	3.3	45	1	2.2	2985	54.3

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Table 5c. Performance of Full-Season Early Maturity Group V Entries at Painter, VA, 2014

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)	
Halo	X451	LL	5.1		1.2	36	1	2.7	2593	78.5
CZ	5242LL	LL	5.2		1.2	38	0	2.0	2725	77.2
Southern States	LL513N	LL	5.1		1.0	36	2	3.0	2590	73.4
Progeny	5460LL	LL	5.4		1.2	35	1	2.0	2731	72.9
Southern States	SS5213NR2	RR2Y	5.2		1.8	40	2	2.0	2695	68.2
Stine	51LE20	LL	5.1		1.0	35	1	2.0	2764	67.1
Southern Harvest	SH5215LL	LL	5.2		1.2	33	1	2.7	2605	66.5
VA TECH	V10-1687	CONV	5.1		4.3	32	1	2.0	2787	64.6
Halo	5:25	LL	5.2		1.2	32	0	2.0	2673	64.4
Armor	AX4520	RR2Y	5.2		1.7	38	1	2.3	2406	64.0
Pioneer	P52T50R	RR	5.3		2.0	38	1	2.3	2898	63.4
Doebler's	DB5215RR	RR	5.2		1.5	38	2	2.0	2317	63.1
CZ	5150LL	LL	5.1		1.0	31	1	3.0	2619	62.8
Halo	X452	LL	5.2		1.0	34	2	2.0	2731	62.7
HBK	5421RY	RR2Y	5.4		1.3	32	1	1.7	2421	62.2
Progeny	5220LLS	LL/STS	5.2		1.7	43	1	2.0	2705	62.1
Stine	54LE23	LL	5.4		1.2	33	4	2.3	2651	61.9
Public	Glenn	CONV	5.1		3.2	33	1	2.0	2828	61.2
Asgrow	AG5335	RR2Y/STS	5.3		1.2	38	8	2.0	2537	60.1
VA TECH	V09-0579	STS	5.1		1.8	35	0	3.0	2355	60.0
Halo	5:45	LL	5.4		1.5	39	0	2.3	2708	59.4
Halo	5:01	LL	5.0		1.0	37	6	3.0	2556	57.0
Asgrow	AG5332	RR2Y	5.3		1.0	32	4	3.0	3061	56.1
Dyna-Gro	S53RY23	RR2Y	5.3		2.3	41	4	2.0	2781	55.9
Progeny	5333RY	RR2Y	5.3		2.7	42	4	2.7	2839	55.2
Univ Arkansas	R04-1268RR	RR	5.4		2.7	36	7	2.7	2653	55.0
Halo	5:26	LL	5.2		1.7	36	1	3.0	2474	54.9
Stine	51RD02	RR2Y	5.1		1.7	42	2	2.0	2822	53.6
Univ Arkansas	UA5213C	CONV	5.2		4.0	34	2	2.3	2890	52.9
Armor	50-R44	RR2Y	5.0		1.0	40	1	2.7	3149	52.7
Channel	5307R2	RR2Y	5.3		1.2	37	3	3.0	2435	52.7
Progeny	5213RY	RR2Y	5.2		1.0	39	3	3.3	3110	51.2
VA TECH	V11-0730	CONV	5.1		1.2	32	0	2.0	3055	50.6
Armor	AX4500	RR2Y	5.0		1.2	34	4	2.7	2784	50.0
Pioneer	P50T64R	RR	5.0		1.0	29	11	2.7	2578	49.4
HBK	5221RY	RR2Y	5.2		1.5	43	2	3.7	2485	46.4
Montague Farms	V09-3876	CONV	5.1		1.2	32	0	1.0	4633	44.5
LSD (P=.10)					0.7	5	2	0.5	158	10.3
CV					31.1	9	73	15.2	4	12.7
Grand Mean					1.6	36	2	2.4	2747	59.8

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Table 5d. Performance of Full-Season Early Maturity Group V Entries at Suffolk, VA, 2014

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)	
Halo	5:01	LL	5.0		1.7	39	3	2.3	2803	85.2
Halo	5:26	LL	5.2		2.8	40	1	2.0	2586	83.6
Armor	AX4520	RR2Y	5.2		2.3	37	0	2.0	2577	81.1
Stine	51LE20	LL	5.1		1.5	38	0	1.7	2917	78.4
Halo	X451	LL	5.1		1.0	35	1	2.3	2771	78.3
Stine	54LE23	LL	5.4		1.8	39	0	1.7	2826	77.6
Asgrow	AG5332	RR2Y	5.3		1.5	35	1	1.3	2852	77.3
VA TECH	V09-0579	STS	5.1		2.0	35	1	2.3	2532	77.0
Southern States	LL513N	LL	5.1		1.2	35	1	2.7	2699	76.6
CZ	5242LL	LL	5.2		1.2	37	0	2.0	2868	76.2
Progeny	5460LL	LL	5.4		1.3	36	1	2.0	2975	75.1
Progeny	5333RY	RR2Y	5.3		2.7	41	2	2.3	3187	73.3
Southern Harvest	SH5215LL	LL	5.2		1.0	34	1	2.3	2856	72.8
Halo	X452	LL	5.2		1.3	37	1	1.3	2856	72.4
HBK	5421RY	RR2Y	5.4		2.3	38	1	2.0	2590	72.2
Progeny	5220LLS	LL/STS	5.2		2.0	49	1	1.0	2682	71.6
Univ Arkansas	R04-1268RR	RR	5.4		2.5	37	1	2.0	3139	69.9
Pioneer	P52T50R	RR	5.3		1.8	39	1	1.7	3200	69.8
Univ Arkansas	UA5213C	CONV	5.2		3.5	34	1	2.0	3299	69.7
VA TECH	V11-0730	CONV	5.1		1.5	33	0	2.0	2924	69.0
Pioneer	P50T64R	RR	5.0		1.2	32	2	2.0	2667	68.4
Public	Glenn	CONV	5.1		2.3	34	2	2.0	2848	67.9
CZ	5150LL	LL	5.1		1.0	34	1	2.0	2835	67.8
Doebler's	DB5215RR	RR	5.2		1.8	40	1	2.0	2476	67.4
Halo	5:25	LL	5.2		1.8	39	0	2.0	2905	66.9
Stine	51RD02	RR2Y	5.1		3.2	44	1	1.7	3325	66.5
Dyna-Gro	S53RY23	RR2Y	5.3		2.0	44	2	1.3	2787	65.9
VA TECH	V10-1687	CONV	5.1		2.8	34	0	1.7	2753	65.7
Southern States	SS5213NR2	RR2Y	5.2		2.0	42	1	1.7	2687	65.3
Halo	5:45	LL	5.4		1.3	38	0	1.3	3168	63.5
Armor	50-R44	RR2Y	5.0		1.7	40	2	1.7	2898	62.7
HBK	5221RY	RR2Y	5.2		1.7	39	2	2.0	2453	60.1
Channel	5307R2	RR2Y	5.3		1.7	38	0	2.0	2648	59.8
Armor	AX4500	RR2Y	5.0		1.8	34	1	2.0	2936	58.0
Asgrow	AG5335	RR2Y/STS	5.3		1.0	39	0	2.0	2781	53.4
Progeny	5213RY	RR2Y	5.2		1.2	41	1	2.0	2913	48.4
Montague Farms	V09-3876	CONV	5.1		1.2	29	0	1.0	5282	46.0
LSD (P=.10)					0.5	4	1	0.5	155	10.7
CV					19.6	7	106	20.6	4	11.3
Grand Mean					1.8	38	1	1.9	2905	69.2

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Table 5e. Performance of Full-Season Early Maturity Group V Entries at Warsaw, VA, 2014

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	SS5213NR2	RR2Y	5.2	12-Oct	1.7	40	1	1.9	3275	57.1
Halo	5:01	LL	5.0	12-Oct	1.4	42	0	1.9	3434	56.7
Southern States	LL513N	LL	5.1	11-Oct	1.2	36	1	1.7	3460	56.6
Southern Harvest	SH5215LL	LL	5.2	10-Oct	1.1	35	1	1.6	3442	55.8
CZ	5150LL	LL	5.1	9-Oct	1.2	35	2	1.5	3457	55.4
Pioneer	P52T50R	RR	5.3	7-Oct	1.4	39	1	1.4	4093	55.0
Halo	X452	LL	5.2	13-Oct	1.4	38	1	1.6	3346	54.3
Halo	5:26	LL	5.2	13-Oct	1.6	35	1	1.7	3427	54.1
Halo	X451	LL	5.1	10-Oct	1.2	35	0	1.8	3637	53.9
Univ Arkansas	UA5213C	CONV	5.2	12-Oct	2.5	32	0	1.6	3821	52.5
VA TECH	V09-0579	STS	5.1	9-Oct	1.5	33	0	1.9	3015	52.4
Halo	5:45	LL	5.4	17-Oct	1.7	38	0	1.5	3496	52.3
Armor	AX4520	RR2Y	5.2	9-Oct	1.5	37	1	1.5	3414	52.1
CZ	5242LL	LL	5.2	12-Oct	1.3	37	2	1.7	3469	51.8
Progeny	5333RY	RR2Y	5.3	10-Oct	2.0	38	3	2.2	3840	51.7
Asgrow	AG5335	RR2Y/STS	5.3	3-Oct	1.2	34	3	2.1	3252	51.6
Pioneer	P50T64R	RR	5.0	1-Oct	1.3	32	3	2.3	3049	51.0
Stine	54LE23	LL	5.4	15-Oct	1.1	34	2	1.8	3520	50.8
VA TECH	V10-1687	CONV	5.1	2-Oct	2.2	30	1	1.4	3726	50.6
Stine	51LE20	LL	5.1	13-Oct	1.2	36	1	1.8	3440	50.4
Asgrow	AG5332	RR2Y	5.3	2-Oct	1.5	34	1	1.9	3360	50.3
HBK	5221RY	RR2Y	5.2	2-Oct	1.8	40	3	2.7	2882	50.2
Public	Glenn	CONV	5.1	5-Oct	1.8	30	0	1.5	3764	49.5
Armor	AX4500	RR2Y	5.0	1-Oct	1.3	33	1	1.9	3340	49.2
Doebler's	DB5215RR	RR	5.2	10-Oct	1.2	35	0	1.5	3206	48.8
Univ Arkansas	R04-1268RR	RR	5.4	11-Oct	1.8	33	1	1.9	3766	48.7
VA TECH	V11-0730	CONV	5.1	2-Oct	1.5	28	1	1.4	3762	48.3
Progeny	5213RY	RR2Y	5.2	3-Oct	1.6	38	3	2.2	3490	47.9
Progeny	5220LLS	LL/STS	5.2	13-Oct	1.1	49	1	1.6	3158	47.0
Dyna-Gro	S53RY23	RR2Y	5.3	9-Oct	1.5	37	1	1.8	3434	46.9
Progeny	5460LL	LL	5.4	11-Oct	1.1	34	2	2.3	3657	46.8
Stine	51RD02	RR2Y	5.1	10-Oct	1.7	41	1	1.6	3834	46.8
Halo	5:25	LL	5.2	9-Oct	1.2	30	0	1.5	3614	46.7
HBK	5421RY	RR2Y	5.4	12-Oct	1.9	36	0	1.5	3310	45.8
Channel	5307R2	RR2Y	5.3	30-Sep	1.6	34	3	1.8	3336	45.2
Montague Farms	V09-3876	CONV	5.1	1-Oct	1.4	29	0	1.2	6067	42.8
Armor	50-R44	RR2Y	5.0	2-Oct	1.3	34	2	2.2	3600	42.8
LSD (P=.10)				1.32	0.3	3	1	0.3	229	5.0
CV				2.58	15.1	6	84	10.2	5	7.3
Grand Mean				8-Oct	1.5	35	1	1.8	3546	50.5

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Table 5f. Performance of Double-Crop Early Maturity Group V Entries at Blackstone, VA, 2014

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	P53T73SR	RR	5.3		2.0	41	1	2.3	2717	78.4
Asgrow	AG5332	RR2Y	5.3		1.8	38	13	4.3	2438	77.5
Southern Harvest	SH5215LL	LL	5.2		1.3	41	0	2.3	2719	75.4
Progeny	5460LL	LL	5.4		2.0	45	1	2.3	2690	74.5
VA TECH	V10-1687	CONV	5.1		3.3	40	1	3.0	2547	74.3
CZ	5242LL	LL	5.2		2.2	41	0	2.0	2864	74.3
Progeny	5213RY	RR2Y	5.2		1.7	47	6	2.7	2613	73.1
Channel	5307R2	RR2Y	5.3		2.3	47	4	2.7	2384	73.1
Progeny	5333RY	RR2Y	5.3		3.7	47	2	2.3	3039	72.9
CZ	5150LL	LL	5.1		1.3	41	0	2.3	2737	72.8
Asgrow	AG5335	RR2Y/STS	5.3		1.3	44	8	2.3	2307	71.7
VA TECH	V11-0730	CONV	5.1		2.5	39	0	3.0	2519	70.5
Southern States	SS5213NR2	RR2Y	5.2		3.2	53	0	2.3	2635	70.5
Doebler's	DB5215RR	RR	5.2		2.3	46	1	3.0	2437	70.3
USG	75G24L	LL	5.2		1.8	43	0	1.7	2880	70.2
Dyna-Gro	S52RY75	RR2Y	5.2		3.2	49	1	2.7	2442	67.6
VA TECH	V09-0579	STS	5.1		2.3	40	0	2.3	2635	67.6
Progeny	5220LLS	LL/STS	5.2		2.5	58	0	2.0	2603	67.5
Dyna-Gro	S51RY45	RR2Y/STS	5.1		2.0	44	4	2.7	2633	65.1
Montague Farms	V09-3876	CONV	5.1		1.8	43	1	2.0	4179	62.6
HBK	5221RY	RR2Y	5.2		2.8	47	6	3.0	2285	61.1
HBK	5421RY	RR2Y	5.4		3.7	42	0	2.7	2598	59.5
Public	Glenn	CONV	5.1		3.5	44	0	2.3	2800	55.7
Great Heart Seed	GT-500RR2/STS	RR2Y/STS	5.0		2.7	46	1	2.0	2961	55.1
LSD (P=.10)					0.7	4	2	0.8	170	12.8
CV					22.3	6	68	22.7	5	13.4
Grand Mean					2.4	44	2	2.5	2694	69.2

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Table 5g. Performance of Double-Crop Early Maturity Group V Entries at Painter, VA, 2014

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 Harvest	SH5215LL	LL	5.2		1.0	24	0	2.0	2704	63.1
CZ	5150LL	LL	5.1		1.0	24	0	2.0	2710	59.4
Southern States	SS5213NR2	RR2Y	5.2		1.0	26	0	2.0	2487	58.7
Public	Glenn	CONV	5.1		1.0	23	0	2.3	2819	57.8
VA TECH	V09-0579	STS	5.1		1.0	22	0	2.0	2599	57.7
USG	75G24L	LL	5.2		1.0	24	0	2.0	2967	57.5
Dyna-Gro	S52RY75	RR2Y	5.2		1.5	29	0	2.0	2573	56.6
HBK	5421RY	RR2Y	5.4		1.0	24	0	2.0	2953	56.0
VA TECH	V11-0730	CONV	5.1		1.0	22	0	2.0	2833	55.4
Doebler's	DB5215RR	RR	5.2		1.0	24	0	2.0	2524	53.1
Great Heart Seed	GT-500RR2/STS	RR2Y/STS	5.0		1.0	26	0	2.0	3205	53.0
Progeny	5460LL	LL	5.4		1.0	23	0	2.3	2833	52.8
Channel	5307R2	RR2Y	5.3		1.0	20	0	2.0	2411	52.3
VA TECH	V10-1687	CONV	5.1		1.0	22	1	2.0	2838	52.1
CZ	5242LL	LL	5.2		1.0	23	0	2.0	3004	51.6
Progeny	5333RY	RR2Y	5.3		1.0	24	1	2.0	2899	51.1
Asgrow	AG5335	RR2Y/STS	5.3		1.0	24	2	2.0	2515	51.0
Dyna-Gro	S51RY45	RR2Y/STS	5.1		1.0	23	2	2.0	2500	50.9
Progeny	5220LLS	LL/STS	5.2		1.0	29	0	2.0	2864	49.8
HBK	5221RY	RR2Y	5.2		1.0	26	0	2.0	2386	49.1
Asgrow	AG5332	RR2Y	5.3		1.0	23	1	2.0	2477	48.8
Pioneer	P53T73SR	RR	5.3		1.0	25	0	2.3	3048	48.7
Progeny	5213RY	RR2Y	5.2		1.0	24	3	2.0	2640	47.9
Montague Farms	V09-3876	CONV	5.1		1.0	23	0	2.0	4593	44.4
LSD (P=.10)					0.1	3	1	0.3	141	7.4
CV					10.0	10	143	10.0	4	10.1
Grand Mean					1.0	24	0	2.0	2808	53.3

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Table 5h. Performance of Double-Crop Early Maturity Group V Entries at Suffolk, VA, 2014

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	SS5213NR2	RR2Y	5.2		3.0	43	0	1.0	2524	78.2
VA TECH	V10-1687	CONV	5.1		3.2	35	0	1.0	2646	74.9
Doebler's	DB5215RR	RR	5.2		1.7	38	1	1.3	2469	74.1
Great Heart Seed	GT-500RR2/STS	RR2Y/STS	5.0		2.5	40	0	1.0	2917	72.9
CZ	5150LL	LL	5.1		1.2	38	0	1.7	2726	72.4
VA TECH	V09-0579	STS	5.1		1.8	37	0	1.0	2386	71.9
Southern Harvest	SH5215LL	LL	5.2		1.3	36	0	1.0	2737	70.4
Pioneer	P53T73SR	RR	5.3		1.8	38	0	2.0	2752	69.9
Dyna-Gro	S52RY75	RR2Y	5.2		4.0	43	0	1.3	2376	69.7
Channel	5307R2	RR2Y	5.3		1.7	38	0	1.3	2463	69.4
USG	75G24L	LL	5.2		2.3	38	0	1.0	3022	69.2
HBK	5421RY	RR2Y	5.4		3.8	38	0	1.0	2563	68.1
Progeny	5220LLS	LL/STS	5.2		1.5	48	0	1.0	2599	67.5
Public	Glenn	CONV	5.1		2.3	36	0	1.0	2753	67.0
Progeny	5213RY	RR2Y	5.2		1.0	38	1	1.3	2595	66.8
CZ	5242LL	LL	5.2		2.0	39	0	1.0	3014	66.7
Progeny	5460LL	LL	5.4		1.3	39	0	1.0	2963	66.3
VA TECH	V11-0730	CONV	5.1		2.2	35	0	1.3	2608	66.1
Montague Farms	V09-3876	CONV	5.1		1.0	32	0	1.0	4428	64.9
Progeny	5333RY	RR2Y	5.3		3.7	40	0	1.0	2917	64.5
Asgrow	AG5335	RR2Y/STS	5.3		1.0	38	0	1.0	2698	64.2
HBK	5221RY	RR2Y	5.2		1.7	40	1	1.3	2438	62.8
Asgrow	AG5332	RR2Y	5.3		1.3	32	0	1.3	2809	61.0
Dyna-Gro	S51RY45	RR2Y/STS	5.1		1.0	36	1	1.7	2691	58.0
LSD (P=.10)					0.6	3	1	0.5	131	9.9
CV					21.7	6	354	27.5	3	10.6
Grand Mean					2.0	38	0	1.2	2754	68.2

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Table 5i. Performance of Double-Crop Early Maturity Group V Entries at Warsaw VA, 2014

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	28-Oct	1.2	36	0	1.9	2987	66.5
Asgrow	AG5335	RR2Y/STS	5.3	24-Oct	1.1	40	1	2.4	2696	65.4
Progeny	5213RY	RR2Y	5.2	19-Oct	1.2	45	2	1.9	2900	65.3
VA TECH	V10-1687	CONV	5.1	23-Oct	1.7	40	2	2.1	2963	65.2
CZ	5150LL	LL	5.1	28-Oct	1.2	37	0	1.8	3103	65.0
Channel	5307R2	RR2Y	5.3	20-Oct	1.5	46	0	1.7	2747	64.7
Asgrow	AG5332	RR2Y	5.3	16-Oct	1.2	37	3	1.9	2949	63.7
Public	Glenn	CONV	5.1	25-Oct	2.2	40	1	1.6	3150	63.7
VA TECH	V11-0730	CONV	5.1	26-Oct	1.4	39	2	1.6	3082	61.9
CZ	5242LL	LL	5.2	27-Oct	1.3	39	0	1.5	3372	60.2
Progeny	5460LL	LL	5.4	26-Oct	1.2	39	1	1.9	3282	60.1
Progeny	5333RY	RR2Y	5.3	29-Oct	2.6	43	2	2.1	3371	60.1
USG	75G24L	LL	5.2	25-Oct	1.3	38	0	1.4	3381	59.6
Doebler's	DB5215RR	RR	5.2	30-Oct	1.8	44	1	1.6	2719	59.5
VA TECH	V09-0579	STS	5.1	27-Oct	1.7	38	1	1.7	2743	59.2
Dyna-Gro	S51RY45	RR2Y/STS	5.1	20-Oct	1.1	39	2	1.9	2758	58.6
Pioneer	P53T73SR	RR	5.3	29-Oct	1.3	43	1	1.9	3034	57.8
Southern States	SS5213NR2	RR2Y	5.2	30-Oct	2.0	45	0	1.8	2829	57.3
Progeny	5220LLS	LL/STS	5.2	30-Oct	1.7	54	0	1.8	2902	56.9
Great Heart Seed	GT-500RR2/STS	RR2Y/STS	5.0	30-Oct	1.8	46	0	1.6	3372	56.9
Dyna-Gro	S52RY75	RR2Y	5.2	29-Oct	2.2	45	1	1.7	2974	56.4
HBK	5421RY	RR2Y	5.4	27-Oct	2.2	39	0	1.5	3084	53.2
HBK	5221RY	RR2Y	5.2	21-Oct	1.7	41	1	2.2	2609	53.0
Montague Farms	V09-3876	CONV	5.1	27-Oct	1.3	42	0	1.2	5026	50.0
LSD (P=.10)				2.11	0.3	3	1	0.2	105	6.1
CV				2.78	12.4	6	107	8.1	2	7.3
Grand Mean				26-Oct	1.6	41	1	1.8	3085	60.0

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Table 6a. Performance of Full-Season Late Maturity Group V Entries at Blackstone, VA, 2014

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)	
Dyna-Gro	32RY55	RR2Y	5.5		2.0	45	2	2.0	2274	84.4
Stine	EX6.0	RR2Y	6.0		2.3	62	4	1.7	2829	81.3
Stine	6202-4	RR2Y/STS	6.2		2.5	43	1	2.0	2556	78.9
T.A. Seeds	TS5659R2	RR2Y	5.6		2.7	46	2	2.0	2688	78.6
USG	75J62R	RR2Y/STS	5.6		1.5	51	4	2.0	2856	78.0
Progeny	5555RY	RR2Y	5.5		2.5	47	1	2.3	2704	76.7
Asgrow	AG5535	RR2Y/STS	5.5		1.3	42	3	2.3	2504	75.6
Southern States	SS5911NR2	RR2Y	5.9		2.0	44	2	2.0	3147	74.8
VA TECH	V10-0262	CONV	5.7		1.5	41	1	2.0	2830	74.6
USG	75Q52R	RR2Y	5.5		2.5	46	5	2.0	2640	74.4
Southern States	SS5511NR2	RR2Y	5.5		1.5	42	1	2.0	2262	73.8
Progeny	5610RY	RR2Y	5.6		1.7	44	3	2.0	2294	73.4
Southern Harvest	SH5515LL	LL	5.5		1.8	43	1	2.0	2854	72.9
Asgrow	AG5632	RR2Y	5.6		1.8	45	1	2.0	3008	72.5
Southern States	SS5513NR2	RR2Y	5.5		2.5	48	3	2.3	2710	72.0
Southern States	SS5711R2	RR2Y	5.7		2.8	45	4	2.0	2361	71.4
USG	76S22R	RR2Y	6.2		2.5	39	3	1.7	3137	71.0
Montague Farms	MFS-56W3	CONV	5.6		1.7	37	1	2.0	4297	69.7
Hubner Seed	H58-12R2	RR2Y	5.8		1.5	42	0	2.0	2669	69.0
Hubner Seed	H55-13R2	RR2Y	5.5		1.3	45	3	2.0	3202	68.9
Univ Arkansas	UA5612	CONV	5.6		3.2	44	2	2.7	2965	68.1
Progeny	5960LL	LL	5.9		1.8	42	0	2.0	2930	67.6
USG	75J90R	RR2Y	5.9		2.2	45	1	2.0	2212	66.2
Public	Glenn	CONV	5.7		1.5	33	1	2.3	2919	65.9
USDA-ARS	JTN-5110	CONV	5.5		2.8	48	6	2.7	2699	61.8
Montague Farms	MFS-56P5	CONV	5.6		1.7	39	2	2.0	4238	60.4
Montague Farms	MFS-561	CONV	5.6		1.3	35	0	2.0	4502	59.7
LSD (P=.10)					0.7	7	2	0.5	163	8.5
CV					27.3	12	61	17.2	4	8.7
Grand Mean					2.0	44	2	2.1	2889	71.6

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Table 6b. Performance of Full-Season Late Maturity Group V Entries at Orange, VA, 2014

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)	
VA TECH	V10-0262	CONV	5.7	28-Oct	3.5	42	1	2.7	2870	55.0
USG	75J62R	RR2Y/STS	5.6	22-Oct	2.7	51	4	2.3	2964	53.3
Progeny	5960LL	LL	5.9	28-Oct	2.1	38	2	1.7	3162	50.7
Dyna-Gro	32RY55	RR2Y	5.5	3-Nov	2.2	44	2	2.0	2420	48.9
Hubner Seed	H58-12R2	RR2Y	5.8	3-Nov	2.2	43	0	2.3	2657	48.9
Stine	6202-4	RR2Y/STS	6.2	3-Nov	2.7	42	0	2.0	2707	48.7
Progeny	5610RY	RR2Y	5.6	3-Nov	3.0	45	0	2.0	2447	48.0
Southern States	SS5511NR2	RR2Y	5.5	3-Nov	2.7	39	2	2.3	2541	46.9
Asgrow	AG5632	RR2Y	5.6	22-Oct	1.5	40	1	2.0	3237	46.6
USG	75Q52R	RR2Y	5.5	28-Oct	3.3	42	4	2.7	2833	45.9
Univ Arkansas	UA5612	CONV	5.6	22-Oct	3.0	39	2	2.7	3191	45.6
USDA-ARS	JTN-5110	CONV	5.5	22-Oct	2.8	42	2	3.0	2926	45.0
Southern States	SS5911NR2	RR2Y	5.9	3-Nov	3.0	40	1	2.3	3373	44.9
Montague Farms	MFS-56P5	CONV	5.6	22-Oct	3.3	37	1	2.0	4249	44.8
T.A. Seeds	TS5659R2	RR2Y	5.6	22-Oct	3.3	43	1	2.3	2908	44.5
Progeny	5555RY	RR2Y	5.5	28-Oct	3.2	45	2	2.7	2887	44.4
Hubner Seed	H55-13R2	RR2Y	5.5	28-Oct	2.8	43	2	2.0	3297	43.6
Asgrow	AG5535	RR2Y/STS	5.5	28-Oct	2.5	40	4	2.3	2877	43.6
Public	Glenn	CONV	5.7	28-Oct	4.2	45	1	2.7	3086	42.1
Southern States	SS5711R2	RR2Y	5.7	3-Nov	3.7	42	1	2.0	2696	42.1
USG	75J90R	RR2Y	5.9	28-Oct	2.7	43	1	2.0	2496	42.1
USG	76S22R	RR2Y	6.2	28-Oct	2.7	38	2	2.3	3529	40.2
Southern Harvest	SH5515LL	LL	5.5	22-Oct	2.2	39	0	1.3	3338	39.4
Southern States	SS5513NR2	RR2Y	5.5	28-Oct	3.0	44	2	2.3	2781	38.8
Stine	EX6.0	RR2Y	6.0	3-Nov	3.3	56	1	2.3	3015	38.1
Montague Farms	MFS-56W3	CONV	5.6	22-Oct	2.5	37	0	1.7	4224	37.0
Montague Farms	MFS-561	CONV	5.6	22-Oct	3.0	37	0	1.7	4872	35.8
LSD (P=.10)				8.56	0.8	6	2	0.7	211	9.7
CV				10.94	20.3	10	101	23.9	5	15.8
Grand Mean				28-Oct	2.8	42	1	2.2	3081	45.0

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Table 6c. Performance of Full-Season Late Maturity Group V Entries at Painter, VA, 2014

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	H58-12R2	RR2Y	5.8		1.2	33	1	2.0	2240	67.4
Stine	6202-4	RR2Y/STS	6.2		1.2	36	2	2.0	2183	59.8
Southern States	SS5513NR2	RR2Y	5.5		1.7	40	4	2.0	2400	59.8
USG	75J90R	RR2Y	5.9		1.3	35	2	2.0	2012	58.3
Progeny	5555RY	RR2Y	5.5		1.5	42	3	2.0	2596	57.9
Progeny	5610RY	RR2Y	5.6		1.3	36	3	2.0	1979	57.6
T.A. Seeds	TS5659R2	RR2Y	5.6		1.8	41	5	1.7	2433	57.1
Southern States	SS5711R2	RR2Y	5.7		1.8	33	3	2.0	2069	55.4
VA TECH	V10-0262	CONV	5.7		1.2	33	2	2.0	2609	54.2
Hubner Seed	H55-13R2	RR2Y	5.5		1.2	35	0	2.0	3010	54.0
Southern States	SS5911NR2	RR2Y	5.9		1.3	33	1	2.0	2990	52.8
Southern States	SS5511NR2	RR2Y	5.5		1.7	37	2	2.0	2019	52.6
Dyna-Gro	32RY55	RR2Y	5.5		1.3	37	1	2.0	1983	52.1
USG	76S22R	RR2Y	6.2		1.3	33	2	2.0	3027	51.7
Asgrow	AG5632	RR2Y	5.6		1.2	33	3	1.7	2636	51.3
Univ Arkansas	UA5612	CONV	5.6		2.0	34	3	2.0	2699	50.7
Montague Farms	MFS-561	CONV	5.6		1.0	26	0	1.3	4235	50.1
Southern Harvest	SH5515LL	LL	5.5		1.0	30	4	4.0	2805	49.9
Stine	EX6.0	RR2Y	6.0		1.5	44	1	2.0	2640	49.7
Montague Farms	MFS-56P5	CONV	5.6		1.0	34	1	1.3	3732	48.9
USG	75Q52R	RR2Y	5.5		1.5	38	14	2.0	2395	48.7
Progeny	5960LL	LL	5.9		1.2	33	1	2.0	2591	48.6
Asgrow	AG5535	RR2Y/STS	5.5		1.2	34	2	2.0	2362	48.4
USG	75J62R	RR2Y/STS	5.6		1.3	38	2	2.0	2847	47.7
Public	Glenn	CONV	5.7		1.5	32	1	2.0	2923	46.9
USDA-ARS	JTN-5110	CONV	5.5		1.3	35	2	2.0	2544	46.0
Montague Farms	MFS-56W3	CONV	5.6		1.2	31	1	1.3	3706	42.7
LSD (P=.10)					0.4	3	2	0.6	163	7.6
CV					20.6	7	59	22.9	5	10.6
Grand Mean					1.4	35	2	2.0	2637	52.7

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Table 6d. Performance of Full-Season Late Maturity Group V Entries at Suffolk, VA, 2014

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)	
T.A. Seeds	TS5659R2	RR2Y	5.6		2.2	39	0	1.3	2797	82.6
Stine	6202-4	RR2Y/STS	6.2		2.8	40	0	1.3	2610	76.0
Univ Arkansas	UA5612	CONV	5.6		2.8	38	0	2.0	2963	75.8
USG	75J90R	RR2Y	5.9		2.7	39	0	2.0	2279	75.8
Hubner Seed	H55-13R2	RR2Y	5.5		1.8	39	0	1.7	3093	72.2
Stine	EX6.0	RR2Y	6.0		3.3	59	0	1.7	2763	70.6
USG	75Q52R	RR2Y	5.5		2.8	43	2	2.0	2568	70.1
USDA-ARS	JTN-5110	CONV	5.5		2.5	34	1	2.3	2617	70.0
Progeny	5555RY	RR2Y	5.5		2.7	43	1	1.3	2537	69.8
Southern Harvest	SH5515LL	LL	5.5		1.3	34	0	2.0	2825	69.6
VA TECH	V10-0262	CONV	5.7		1.8	36	0	1.3	2757	68.3
Progeny	5610RY	RR2Y	5.6		2.0	39	1	1.7	2363	66.6
Progeny	5960LL	LL	5.9		1.3	37	0	1.7	3040	65.7
USG	76S22R	RR2Y	6.2		3.2	42	1	1.0	3124	65.1
Southern States	SS5711R2	RR2Y	5.7		2.8	40	0	1.3	2371	65.0
Montague Farms	MFS-561	CONV	5.6		1.5	35	0	1.0	4562	63.4
Hubner Seed	H58-12R2	RR2Y	5.8		2.2	37	0	2.0	2520	62.7
Southern States	SS5511NR2	RR2Y	5.5		2.3	38	0	1.7	2356	62.0
Southern States	SS5911NR2	RR2Y	5.9		1.8	39	0	1.3	3081	60.8
Montague Farms	MFS-56W3	CONV	5.6		1.7	32	0	1.3	4243	58.9
Asgrow	AG5632	RR2Y	5.6		1.3	37	0	1.3	3272	58.1
Southern States	SS5513NR2	RR2Y	5.5		2.7	44	1	1.3	2600	58.0
Public	Glenn	CONV	5.7		2.3	37	0	1.3	2931	57.4
Dyna-Gro	32RY55	RR2Y	5.5		1.3	36	0	2.0	2571	56.0
Montague Farms	MFS-56P5	CONV	5.6		1.2	28	0	1.0	4433	54.5
Asgrow	AG5535	RR2Y/STS	5.5		1.8	41	1	1.7	2363	53.6
USG	75J62R	RR2Y/STS	5.6		1.0	39	1	1.7	3277	53.5
LSD (P=.10)					0.9	5	1	0.5	264	10.5
CV					32.2	9	179	23.8	7	11.7
Grand Mean					2.1	39	0	1.6	2904	65.4

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Table 6e. Performance of Full-Season Late Maturity Group V Entries at Warsaw, VA, 2014

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	5610RY	RR2Y	5.6	16-Oct	6.9	36	0	1.6	2826	60.3
Southern States	SS5511NR2	RR2Y	5.5	16-Oct	1.5	35	1	1.7	2839	60.0
T.A. Seeds	TS5659R2	RR2Y	5.6	13-Oct	1.8	40	0	1.6	3373	60.0
Southern Harvest	SH5515LL	LL	5.5	11-Oct	1.2	39	1	1.8	3406	59.2
Southern States	SS5711R2	RR2Y	5.7	15-Oct	2.1	37	0	1.6	3077	58.9
Dyna-Gro	32RY55	RR2Y	5.5	18-Oct	1.6	36	0	1.5	2816	58.8
Stine	6202-4	RR2Y/STS	6.2	19-Oct	2.2	39	1	1.5	3029	57.7
USG	76S22R	RR2Y	6.2	18-Oct	1.8	40	0	1.8	4255	57.4
Asgrow	AG5632	RR2Y	5.6	14-Oct	1.4	38	0	1.5	3503	57.3
Montague Farms	MFS-56P5	CONV	5.6	10-Oct	1.1	32	1	1.3	4957	56.9
VA TECH	V10-0262	CONV	5.7	12-Oct	1.5	33	1	1.4	3440	56.9
USG	75J90R	RR2Y	5.9	17-Oct	1.4	33	1	1.6	2816	56.8
USG	75Q52R	RR2Y	5.5	12-Oct	1.7	38	2	1.8	3333	56.7
Southern States	SS5911NR2	RR2Y	5.9	18-Oct	1.5	38	0	1.6	4190	56.5
Univ Arkansas	UA5612	CONV	5.6	12-Oct	2.7	37	1	1.9	3784	56.3
Progeny	5555RY	RR2Y	5.5	13-Oct	1.8	42	1	1.5	3373	56.0
USDA-ARS	JTN-5110	CONV	5.5	6-Oct	2.1	35	2	1.9	3275	55.2
Southern States	SS5513NR2	RR2Y	5.5	13-Oct	1.7	39	1	1.6	3416	55.2
Hubner Seed	H55-13R2	RR2Y	5.5	13-Oct	1.5	36	1	1.9	3871	55.0
USG	75J62R	RR2Y/STS	5.6	11-Oct	1.7	46	2	2.1	3743	53.5
Progeny	5960LL	LL	5.9	16-Oct	1.4	34	0	1.4	3415	53.1
Hubner Seed	H58-12R2	RR2Y	5.8	15-Oct	1.5	32	0	1.7	3021	52.5
Asgrow	AG5535	RR2Y/STS	5.5	14-Oct	1.4	36	0	1.8	3097	52.3
Stine	EX6.0	RR2Y	6.0	20-Oct	2.3	55	2	2.2	3560	51.7
Montague Farms	MFS-56W3	CONV	5.6	9-Oct	1.2	29	0	1.6	5240	51.5
Public	Glenn	CONV	5.7	4-Oct	2.1	30	0	1.7	3557	50.9
Montague Farms	MFS-561	CONV	5.6	11-Oct	1.1	30	0	1.3	5871	48.3
LSD (P=.10)				1.58	2.5	2	1	0.3	152	4.6
CV				2.69	98.3	5	123	10.9	3	6.1
Grand Mean				13-Oct	1.9	37	1	1.7	3574	55.7

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Table 6f. Performance of Double-Crop Late Maturity Group V Entries at Blackstone, VA, 2014

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		2.3	43	0	2.0	3015	81.7
Progeny	5610RY	RR2Y	5.6		3.2	44	0	1.7	2343	78.8
Hubner Seed	H55-13R2	RR2Y	5.5		2.3	46	1	2.3	3072	76.8
Southern Harvest	SH5912LL	LL	5.9		2.5	49	0	2.0	3027	76.5
Southern Harvest	SH5614LL/S1LL		5.6		2.5	55	1	3.0	2570	75.7
Asgrow	AG5535	RR2Y/STS	5.5		2.3	45	0	1.7	2504	75.4
USDA-ARS	JTN-5110	CONV	5.5		4.2	41	1	2.7	2781	74.0
Southern States	SS5511NR2	RR2Y	5.5		3.5	50	1	2.7	2407	72.1
Southern States	SS5513NR2	RR2Y	5.5		4.0	52	0	2.3	2656	71.7
VA TECH	V10-0262	CONV	5.7		2.7	45	0	2.3	2826	70.8
Progeny	5960LL	LL	5.9		2.8	46	0	1.7	3040	69.6
Hubner Seed	H58-12R2	RR2Y	5.8		3.0	48	0	2.0	2533	69.4
Dyna-Gro	S56RY84	RR2Y	5.6		3.7	56	0	2.0	2611	68.3
Progeny	5555RY	RR2Y	5.5		3.7	54	0	2.0	2625	68.1
Asgrow	AG5632	RR2Y	5.6		2.7	43	0	2.0	2879	67.9
Progeny	5711RY	RR2Y	5.7		3.2	47	0	2.0	2454	67.7
Dyna-Gro	32RY55	RR2Y	5.5		3.7	56	1	2.3	2392	64.4
Montague Farms	MFS-561	CONV	5.6		2.0	40	0	2.0	4423	62.2
Montague Farms	MFS-56W3	CONV	5.6		4.3	44	0	3.0	4244	61.5
Public	Glenn	CONV	5.7		3.5	40	0	2.7	2760	60.7
LSD (P=.10)					0.8	6	1	0.6	162	15.1
CV					18.0	9	161	20.8	4	15.4
Grand Mean					3.1	47	0	2.2	2846	71.4

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Table 6g. Performance of Double-Crop Late Maturity Group V Entries at Painter, VA, 2014

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	23	0	1.0	2961	59.5
Progeny	5711RY	RR2Y	5.7		1.0	29	0	1.0	2501	59.3
Progeny	5555RY	RR2Y	5.5		1.2	33	0	1.0	2550	57.7
Asgrow	AG5535	RR2Y/STS	5.5		1.0	26	0	1.7	2527	57.6
Progeny	5610RY	RR2Y	5.6		1.0	28	0	1.0	2591	57.3
Dyna-Gro	S56RY84	RR2Y	5.6		1.2	29	0	1.0	2552	56.9
USDA-ARS	JTN-5110	CONV	5.5		1.0	25	0	1.0	2767	56.0
Southern States	SS5513NR2	RR2Y	5.5		1.0	29	0	1.7	2771	55.3
Hubner Seed	H58-12R2	RR2Y	5.8		1.0	27	0	1.0	2672	54.8
Hubner Seed	H55-13R2	RR2Y	5.5		1.0	26	0	1.0	2910	53.1
Southern Harvest	SH5614LL/S1LL		5.6		1.0	30	0	1.0	2747	52.2
Public	Glenn	CONV	5.7		1.0	23	0	1.7	2819	51.3
Dyna-Gro	32RY55	RR2Y	5.5		1.2	28	0	1.3	2575	51.1
Montague Farms	MFS-561	CONV	5.6		1.0	22	0	1.0	4167	51.0
Southern States	SS5511NR2	RR2Y	5.5		1.0	30	0	1.0	2482	50.1
Southern Harvest	SH5912LL	LL	5.9		1.0	27	0	1.3	2911	49.5
Progeny	5960LL	LL	5.9		1.0	24	0	1.0	2821	49.1
VA TECH	V10-0262	CONV	5.7		1.0	20	0	1.0	2950	49.0
Asgrow	AG5632	RR2Y	5.6		1.0	27	0	1.0	2936	46.6
Montague Farms	MFS-56W3	CONV	5.6		1.0	22	0	1.0	3650	40.6
LSD (P=.10)					0.2	3	0	0.4	426	11.0
CV					10.7	9	281	24.0	11	15.1
Grand Mean					1.0	26	0	1.1	2856	53.0

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Table 6h. Performance of Double-Crop Late Maturity Group V Entries at Suffolk, VA, 2014

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	AG5535	RR2Y/STS	5.5		1.7	39	0	1.7	2519	77.2
VA TECH	V10-0262	CONV	5.7		1.8	41	0	1.0	2764	75.0
Hubner Seed	H55-13R2	RR2Y	5.5		2.2	40	0	1.3	2961	74.1
Southern States	SS5511NR2	RR2Y	5.5		2.5	43	0	1.0	2314	73.4
Southern Harvest	SH5515LL	LL	5.5		2.3	39	0	1.0	2919	72.2
Southern Harvest	SH5614LL/S1LL		5.6		1.8	46	0	1.0	2678	69.1
Southern States	SS5513NR2	RR2Y	5.5		3.8	50	0	1.0	2432	68.4
Asgrow	AG5632	RR2Y	5.6		2.2	41	0	1.0	2804	67.0
Public	Glenn	CONV	5.7		2.2	36	0	1.0	2792	66.2
Progeny	5960LL	LL	5.9		2.2	39	0	1.0	2900	66.2
Dyna-Gro	S56RY84	RR2Y	5.6		3.7	45	0	1.0	2468	66.0
Progeny	5555RY	RR2Y	5.5		3.2	43	0	1.0	2424	65.3
Progeny	5711RY	RR2Y	5.7		2.8	37	0	1.0	2294	64.5
Hubner Seed	H58-12R2	RR2Y	5.8		3.3	42	0	1.3	2490	64.3
USDA-ARS	JTN-5110	CONV	5.5		2.5	38	0	1.3	2692	64.0
Progeny	5610RY	RR2Y	5.6		2.8	41	0	1.3	2341	63.8
Dyna-Gro	32RY55	RR2Y	5.5		4.0	43	0	1.0	2274	63.6
Southern Harvest	SH5912LL	LL	5.9		1.7	40	0	1.0	2942	63.2
Montague Farms	MFS-56W3	CONV	5.6		1.7	34	0	1.0	3950	63.0
Montague Farms	MFS-561	CONV	5.6		1.5	40	0	1.0	4481	58.7
LSD (P=.10)					0.7	4	0	0.4	118	10.3
CV					20.4	8	397	27.3	3	11.1
Grand Mean					2.5	41	0	1.1	2764	67.3

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Table 6i. Performance of Double-Crop Late Maturity Group V Entries at Warsaw, VA, 2014

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)	
Public	Glenn	CONV	5.7	24-Oct	2.3	40	0	1.5	3355	60.7
Southern States	SS5513NR2	RR2Y	5.5	30-Oct	2.8	51	0	1.4	2988	60.5
Southern Harvest	SH5515LL	LL	5.5	25-Oct	1.4	39	0	1.2	3476	60.1
Progeny	5610RY	RR2Y	5.6	31-Oct	2.7	49	0	1.2	2668	59.2
Asgrow	AG5535	RR2Y/STS	5.5	29-Oct	1.9	46	1	1.3	3017	59.1
Southern States	SS5511NR2	RR2Y	5.5	31-Oct	3.1	47	0	1.3	2615	58.3
Southern Harvest	SH5912LL	LL	5.9	30-Oct	2.1	47	0	1.3	3430	57.9
VA TECH	V10-0262	CONV	5.7	27-Oct	2.0	45	2	1.6	3154	57.7
Progeny	5711RY	RR2Y	5.7	31-Oct	2.1	48	0	1.4	2908	56.9
Progeny	5555RY	RR2Y	5.5	30-Oct	2.6	50	0	1.3	2943	56.8
Asgrow	AG5632	RR2Y	5.6	31-Oct	1.8	48	0	1.2	3345	55.2
USDA-ARS	JTN-5110	CONV	5.5	27-Oct	2.1	44	0	1.8	3063	55.1
Dyna-Gro	S56RY84	RR2Y	5.6	30-Oct	2.7	52	0	1.4	2949	55.0
Southern Harvest	SH5614LL/S1LL		5.6	29-Oct	1.7	49	0	1.5	3153	54.5
Hubner Seed	H55-13R2	RR2Y	5.5	31-Oct	1.8	45	0	1.2	3234	53.2
Progeny	5960LL	LL	5.9	29-Oct	1.9	46	1	1.3	3381	52.9
Dyna-Gro	32RY55	RR2Y	5.5	31-Oct	2.4	51	0	1.3	2629	52.8
Hubner Seed	H58-12R2	RR2Y	5.8	31-Oct	2.0	47	0	1.2	2835	51.5
Montague Farms	MFS-56W3	CONV	5.6	25-Oct	1.9	42	1	1.4	4718	51.0
Montague Farms	MFS-561	CONV	5.6	25-Oct	2.2	41	0	1.2	5235	50.7
LSD (P=.10)				1.37	0.5	3	1	0.2	192	5.6
CV				1.72	16.0	4	164	9.5	4	7.3
Grand Mean				29-Oct	2.1	46	0	1.3	3241	56.1