

Virginia Soybean Variety Evaluation Tests 2006



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Introduction to Variety Tests

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. The private varieties that have been evaluated in these tests were submitted for testing by commercial seed companies.

Variety evaluations were conducted under full-season and double crop conditions at Blackstone, Orange, Painter, the Shenandoah Valley, Suffolk, and Warsaw. All double-crop tests were no-till planted following small grain. Due to the number of entries, it was necessary to separate the varieties by maturity in all locations.

The year began as a good one, with adequate rainfall to allow the crop to emerge and develop adequate leaf area. However, droughty conditions began in late July and continued through August. In contrast, September through November was one of the wettest on records. This greatly hindered harvest in most locations. In addition, maturity was generally 10+ days later than average. Lower yields and small seed size was common with early maturity groups in the full-season tests. Double-crop plantings were able to capitalize on the September rains; therefore yields were very respectable. Seed quality of most plantings suffered due to the wet autumn. Purple seed stain was very high in some locations; these data should provide some valuable information on varietal resistance to this disease.

Interpreting the Results

Table 1 contains yield summaries over all locations. Past analysis of test data indicated that variety selection should be made from multiple years and sites. More locations result in more reliable information. However, average yields over locations should not be used to select the highest yielding variety unless all varieties are tested in all locations because data will be skewed to those varieties that are tested in the highest yielding locations. Therefore, relative yield is a better method of comparing varieties over locations. 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 location. A variety with a relative yield of 105 was 5% above the average of all varieties at that location. Relative yield is not an actual yield, but a value that is relative to all other yield values at that location. Varieties are ranked by relative yield in descending order.

Tables 2 through 9 contain detailed yield and other information from each location. 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 three locations or years testing 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. Many of the new varieties, which do not have two-year averages, are excellent and will probably, earn a share of the Virginia soybean acreage. Other traits are also shown in the tables (maturity, lodging, height, seed quality, purple stain, and seed size) because each producer emphasizes certain of these traits or a combination of them when selecting varieties for his farm. 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.

An LSD (least significant difference) was calculated within maturity groups at each location. The LSD is a statistical test calculated at the 10% probability level to aid 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 to be significantly different. The "NS" designation indicates that there were no significant differences for yield among the varieties within that maturity group. The coefficient of variation (CV) is a relative measure of variation and is an indicator of the degree of precision associated with the test. For soybean variety evaluation

tests, CV values less than 15% indicates that the precision of the test was good in distinguishing differences between varieties.

R^2 is also a measure of variability and gives information regarding significant differences. The higher the R^2 , the more likely there are significant differences between varieties. When yields are low, R^2 can be a better indicator of degree of precision associated with the test than CV values.

Methods and Definitions

The variety test was evaluated in a randomized complete block design and replicated three times. All tests were maintained weed free with herbicides and hand weeding. Row widths, number of rows planted and harvested, and length of row harvested are shown on the production information page. Harvest was conducted as near to the date of first harvest maturity as work schedules and weather would permit. Fertilizer was applied according to Virginia Tech soil test recommendations.

Seeding Rates (seeds/acre):

<u>Maturity Group</u>	<u>Full Season</u>	<u>Double-Crop</u>
III	165,000	220,000
IV	165,000	220,000
V	165,000	220,000

Maturity was taken at the date when 95% of the pods turned brown (R8). Detailed maturity date information was not taken at each location due to greater travel distances from the Tidewater AREC.

Lodging notes are recorded on a scale of 1 to 5 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 is determined as the average length of plants in a plot from the ground to the uppermost 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) is rated from 1 to 5 according to the following scale:

- 1.0 = very good; 2.0 = good; 3.0 = fair; 4.0 = poor; 5.0 = very poor.
- Seed quality ratings are a good representation of *Phomopsis* seed decay.

Seed Size (SS) is obtained from the weight of a 100-seed sample and is transformed to number of seed per pound.

Yields were collected with a small-plot combine equipped with scales and moisture tester. Yields were adjusted to 13% moisture. A bushel weight of 60 pounds (at 13% moisture) was used to determine bushel-per-acre (BU/AC) yield.

PRODUCTION INFORMATION

Location*	Planting Date	Tillage System	Herbicides	Date Applied	Insecticides/ Fungicides	Soil Type	Row Width	Number of Rows		Length of Row Harvested
								Planted	Harvested	
Blackstone-FS	5/17	No-Till	Dual II Mag Authority Sencor	5/17	None	Dothan-Norfolk complex	15"	5	3	17'
Orange-FS	5/23	Conv.	Dual II Mag Canopy XL	5\17	None	Daivdson Clay Loam, Starr Silt Clay Loam	15"	5	3	17'
Painter-FS	5/18	Conv.	Dual II Mag, Sencor DF	5/19	None	Bojac/sand loam	15"	5	3	17'
Suffolk-FS	5/25	No-Till	Dual II Mag, Canopy XL,	5/26	Quadris 8/17 Warrior 8/24	Raine Fine Sandy loam	15"	5	3	17'
Warsaw-FS	6/18,19	Conv	Python, Dual Mag, Reflex, Fusilade DX	5/25 7/25	Warrior 7/25 Warrior 8/23 Dimethoate 8/30	Kempsville Loam	30"	4	2	12'
Shenandoah-FS	5/23	No-Till	Round Weather Max	6/30	None	Coursey Loam	15"	5	3	17'

Location*	Planting Date	Tillage System	Herbicides	Date Applied	Insecticides/ Fungicides	Soil Type	Row Width	Number of Rows		Length of Row Harvested
								Planted	Harvested	
Blackstone-DC	6/16	No-Till	Dual II Mag, Sencor, Authority	6/16	None	Spotsylvania	15"	5	3	17'
Culpeper-DC	7/10	No-Till	Roundup Weather Max	7/24	None	Bucks Caly Loam	15"	5	3	17'
Painter-DC	7/11	No-Till	Sencor, Dual II Mag Harmony GT	7/14	Quadris at R3	Bojac/sand loam	15"	5	3	17'
Suffolk-DC	6/30	No-Till	Dual II Mag, Sencor, Authority, Roundup Weahter Max	6/30	Quadris 9/12 Warrior 8/24	Nansmond loamy fine sand	15"	5	3	17'
Warsaw-DC	7/10	No-Till	Roundup Weather Max Dual Mag Fusion, Reflex	6/23 8/2	Warrior 7/25 Warrior 8/21 Dimethoate 8/30	Kempsville Loam	7.5"	5	5	12'

*FS = Full-Season, DC = Double-crop

**MONTHLY PRECIPITATION (INCHES) AND AVERAGE RAINFALL
DURING MAY THROUGH OCTOBER
AT VARIETY TEST LOCATIONS.**

Location		May	June	July	Aug.	Sept.	Oct.	Total
Blackstone	2006	2.57	5.00	10.60	4.82	6.03	6.22	35.24
	57-yr Avg.	3.85	3.85	4.68	4.01	3.70	3.27	23.36
Orange	2006	2.28	4.58	4.40	1.01	7.65	6.65	26.57
	66-yr. Avg.	3.83	3.80	4.58	3.83	3.84	3.52	23.40
Painter	2006	2.64	8.76	5.41	3.05	13.91	7.24	41.01
	66-yr Avg.	3.39	3.54	4.64	4.62	3.63	3.50	23.32
Suffolk	2006	2.86	10.08	3.66	2.50	9.16	8.14	36.40
	72-yr. Avg.	3.95	4.29	5.76	5.69	4.23	3.47	27.39
Warsaw	2006	2.80	7.80	4.07	2.41	11.76	6.92	35.76
	40-yr Avg.	4.36	3.90	4.23	4.17	4.46	3.29	24.41

SUPPLIERS OF SOYBEAN VARIETIES TESTED IN 2006

SUPPLIER	BRAND	VARIETY
Delta and Pine Land Company 103 Seaboard Ave. Piedmont, AL 36272	D&PL	DP3861RR, DPX3994RR, DPX4112RR/S, DP4331RR, DP4546RR, DP4724RR, DPX4919RR/S, DP4748S, DP4960RR, DPX5115RR/S, DP5414RR, DP5634RR, DP5915RR, DPX5914RR, DP5110S
Delta King Seed Co P.O. Box 970 McCrary, AR 72101	Delta King	DKXTJ744, DKXTJ749, DKXTJ753
Featherstone Farm 13941 Genito Rd. Amelia, VA 23002	Clark	CL45RR, CL49RR
Missouri Foundation Seed 3600 New Haven Rd Columbia, MO 65201	Public	Stoddard
Monsanto Company 102 West Carol AVE Cortland, IL 60112	Asgrow	AG4404, AG4703, AG4801, AG4903, AG5301, AG5605, AG5702, AG5905
NK Brand Seeds Syngenta 44 Bassett Road Mannington, NJ 08079	NK	S40-R9, S41-M5, S43-B1, S53-A1, S56-D7, XR5536, XR5862
Pioneer Hi-Bred International Inc. 7501 Memorial Parkway Huntsville, AL 35802	Pioneer	93M95, 94M31, 94M50, 94B73, 94M80, 95M50, 95M82
R.W. White Farms, Inc Virginia Beach, VA	Public	Hutcheson, Teejay
Royster-Clark, Inc. 717 Robinson Road Washington C.H., OH 43160	Vigoro	V36N5RR, V41N6RR, V44N6RR, V46N6RR, V49N6RR, V50N6RR, V51N6RR, V51N7RS, V53N7RR
Southern States Coop P.O. Box 26234 Richmond, VA 23260	Southern States	RT3760N, RT3860, RT3851N, RT3951N, RT4151N, RT4440N, RT4451N, RT4551N, RT4777N, RT4760N, RT4808N, RT4981N, RT4996N, RT5130N, RT5160N, RT5450N, RT5540N
Stine Seed Company 2225 Laredo Trail Adel, IA 50003	Stine	4402-04, 4782-4, 5322-4, 5502-4
T.A. Seeds P.O. Box 300 Avis, PA 17721	T.A. Seeds	TS4389R, TS4399R, TS4689R

SUPPLIER	BRAND	VARIETY
UniSouth Genetics, Inc. 2640-C Nolensville Rd. Nashville, TN 37211	USG	7384nRS, 7393nRS, 7423nRS, 74T35, 7434nRR, 7455nRR, 7475RR, 74A76, 7489RR, 74T85, 74A91, 74F96, 7494nRR, 7495nRS, 7505nRR, 75M16, 7515NRS, 540nRR, 7553nRS, 75M74, ALLEN, 56293, 56124, 56379, 5601T, 7582nRR, 440nSTS, 550nSTS, 5002T
University of Maryland Room 1112 HJ Patterson Hall College Park, MD 20742- 5821	Maryland Public	Md99-6226 Monocacy
University of Arkansas 115 PTSC Bldg Fayetteville, AR 72701	Public	UA4805, Ozark
UAP Distribution INC P.O. Box 6 Eastville, VA 23347	Dyna-Gro	SX06438, SX06842, 37A44, 38T47, 33G52

Table 1a. 2006 Yield Summaries and Average Relative Yield of Full-Season Maturity Group III Entries

Brand	Variety	Herbicide Resistance	ORG	PTR	SUF	WAR	SHV	Average	Average Relative Yield
Asgrow	AG3602	RR	57.9	29.4	37.9	46.6	51.8	44.7	110
D&PL	DPX3994R	RR	58.6	25.1	41.2	45.0	47.3	43.4	106
S.States	RT3860	RR	55.7	24.1	39.2	45.4	50.0	42.9	104
USG	7384nRS	RR/STS	51.1	27.2	38.0	48.9	40.5	41.1	102
S.States	RT3851N	RR	51.4	24.9	36.4	42.6	50.2	41.1	101
S.States	RT3760N	RR	59.8	24.8	33.0	41.8		39.8	99
Pioneer	93M95	RR	49.9	26.2	40.7	40.0	39.7	39.3	98
S.States	RT3951N	RR	59.2	25.6	35.3	35.4	43.6	39.8	97
USG	7393nRR	RR	58.7	22.1	32.2	41.8	47.2	40.4	97
Dyna-Gro	39-B38	RR	53.6	23.1	35.7	43.2	43.2	39.7	97
Vigoro	V36N5RR	RR	47.5	25.5	36.6	39.7	43.8	38.6	96
D&PL	DP3861RR	RR	44.3	27.9	35.6	40.9	34.6	36.7	92
GRAND AVERAGE			54.0	25.5	36.8	42.6	44.7	40.6	100

Table 1b. 2006 Yield Summaries and Average Relative Yield of Double-Crop Maturity Group III Entries

Brand	Variety	Herbicide Resistance	ORG	SUF	WAR	Average	Average Relative Yield
S.States	RT3760N	RR	26.4	28.5	41.9	32.3	102
S.States	RT3860	RR	25.3	27.9	43.7	32.3	101
S.States	RT3851N	RR	22.2	32.1	41.8	32.0	100
S.States	RT3951N	RR	26.0	26.5	41.3	31.3	98
GRAND AVERAGE			25.0	28.7	42.2	32.0	100

Table 1c. 2006 Yield Summaries and Average Relative Yield of Full-Season Early Maturity Group IV Entries

Brand	Variety	Herbicide Resistance	BLK	ORG	PTR	SUF	WAR	SHV	Average	Average Relative Yield
T.A.Seeds	TS4689R	RR	27.5	43.2		47.3	55.0	63.0	47.2	114
Clark	CL45RR	RR		48.0	42.9		46.3		45.7	109
Pioneer	94M50	RR		42.2			55.2	57.5	51.6	108
USG	74A45	RR			41.8	41.6	48.5	63.2	48.8	107
Vigoro	V46N6RR	RR		38.1	44.9	44.3	48.6		44.0	107
S.States	RT4451N	RR	32.3	36.9	41.9	42.4	51.8	53.5	43.1	107
S.States	RT4551N	RR	35.3	39.4	40.6	34.6	45.6	54.3	41.6	104
USG	74T35				41.3	39.0	49.6	59.2	47.3	104
T.A.Seeds	TS4399R	RR	24.0	42.3		39.2	53.9	56.2	43.1	104
D&PL	DP4331RR	RR	23.0	38.4	40.7	43.1	53.4	58.7	42.9	103
Dyna-Gro	37A44	RR		38.5	42.2	42.2	46.0		42.2	103
Asgrow	AG4404	RR/STS		38.2	42.5	36.8	52.7		42.5	103
Vigoro	V44N6RR	RR		34.3	42.9	40.5	50.8		42.1	102
Dyna-Gro	SXO6842	RR/STS		42.3	37.3	38.9	48.6		41.8	101
S.States	RT4151N	RR	25.3	38.9	39.4	36.6	50.9	56.2	41.2	100
Vigoro	V41N6RR	RR		42.5	41.5	34.7	45.7		41.1	100
D&PL	DP4546RR	RR	27.6	42.3	39.8	35.3	44.2	54.3	40.6	100
Stine	4402-4	RR	22.7	39.0	40.0	39.9	52.5	51.9	41.0	99
T.A.Seeds	TS4389R	RR	25.0	35.7		39.5	45.5	60.7	41.3	99
NK	S43-B1	RR	30.4	35.7	36.6	39.9	40.6	58.4	40.2	99
DeltaKing	DKXTJ744	RR	20.3		40.2	39.2	51.3		37.8	98
S.States	RT4440N	RR	21.6	41.8	43.8	31.7	46.4	57.5	40.5	97

Brand	Variety	Herbicide Resistance	BLK	ORG	PTR	SUF	WAR	SHV	Average	Average Relative Yield
D&PL	4690RR	RR	21.5	40.4	39.1	37.4	48.5	52.6	39.9	97
NK	S41-M5	RR/STS		43.4	34.3		42.5	56.3	44.1	96
USG	7434nRR	RR			40.1	32.8	44.4	56.1	43.3	95
USG	7423nRS	RR/STS			38.3	36.2	40.2	54.1	42.2	93
Pioneer	94M31	RR		33.0			42.9	58.2	44.7	92
NK	S40-R9	RR		41.0	33.1		38.4	56.9	42.3	92
D&PL	DPX4112R	RR/STS	29.0	38.4	31.8	25.3	38.5	51.7	35.8	88
Public	Monocacy	14.2			24.1	49.6		29.3	75	73
GRAND AVERAGE			25.3	39.7	39.9	37.7	47.6	56.7	42.3	100

Table 1d. 2006 Yield Summaries and Average Relative Yield of Double Crop Early Maturity Group IV Entries

Brand	Variety	Herbicide Resistance	BLK	ORG	PTR	SUF	WAR	Average	Average Relative Yield
S.States	RT4440	RR		33.2		36.4	47.9	39.2	111
D&PL	DP4690RR	RR	46.2	23.8	34.0	38.4	45.8	37.6	106
S.States	RT4451N	RR		30.0	32.7	34.9	48.1	36.4	104
Vigoro	V44N6RR	RR		28.4	34.4	33.7	49.8	36.6	104
Dyna-Gro	37A44	RR			33.1	33.6	47.5	38.1	103
D&PL	DP4546RR	RR	39.8	27.4	30.0	39.4	45.7	36.4	103
Vigoro	V41N6RR	RR			35.7	31.7	45.9	37.7	103
D&PL	DP4331RR	RR	32.3	31.4	35.1	34.1	45.8	35.7	102
Stine	4402-4	RR	35.9	33.7	33.2	29.0	44.4	35.2	100
Dyna-Gro	SXO6842	RR/STS			31.9	33.0	45.0	36.6	100
S.States	RT4151N	RR		26.4	31.0	35.8	45.2	34.6	99
Vigoro	V46N6RR	RR			31.5	31.2	43.4	35.4	96
S.States	RT4551N	RR		29.2	31.7	26.1	45.5	33.1	95
D&PL	DPX4112R	RR/STS	36.5	29.7	30.6	26.0	43.9	33.3	94
Pioneer	94M50	RR		26.4		29.1	46.1	33.9	94
USG	440nSTS	STS			29.8	28.0	44.9	34.3	92
Public	Monocacy		34.7			25.7	46.5	35.6	91
GRAND AVERAGE			37.6	29.1	32.5	32.1	45.9	35.9	100

Table 1e. 2006 Yield Summaries and Average Relative Yield of Full Season Late Maturity Group IV Entries

Brand	Variety	Herbicide Resistance	BLK	ORG	PTR	SUF	WAR	SHV	Average	Average Relative Yield
Public	UA4805		48.4	50.9	46.9	35.4	46.6		45.6	113
USG	7495nRS	RR/STS			46.9	46.6	50.9		48.1	112
Asgrow	AG4903	RR/STS		50.1	45.7	39.4	51.9		46.8	108
USG	74A91	RR			44.0	46.6	47.5		46.0	108
DeltaKing	DK4866RR	RR/STS	38.3		44.7	39.1	49.9		43.0	107
S.States	RT4996N	RR/STS	33.2	51.9	45.2	38.7	50.5	48.6	44.7	107
Clark	CL49RR	RR	36.4		38.3	43.9			39.5	105
DeltaKing	DKXTJ749	RR	30.9		50.1	40.2	46.8		42.0	104
S.States	RT4808N	RR/STS	35.8	40.7	40.6	39.6	52.5	50.1	43.2	104
Asgrow	AG4801	RR		47.3	40.5	41.8	47.8		44.3	103
USG	74F96	RR			42.8	38.5	50.8		44.0	102
Asgrow	AG4703	RR		43.2	47.7		44.4		45.1	101
Vigoro	V49N6RR	RR		44.0	45.1	37.5	48.1		43.7	101
USG	74T85	RR			43.6	39.7	46.2		43.2	100
USG	7494nRR	RR			41.6	40.6	46.3		42.8	100
Stine	4782-4	RR	28.8	37.4	43.5	40.2	51.9	48.2	41.6	99
USG	7489RR	RR			47.9	35.1	44.4		42.5	99
D&P	DPX4919RR/S	RR/STS	28.1	42.1	45.6	35.6	47.3	49.6	41.4	98
Pioneer	94B73	RR		41.3		40.5	43.9		41.9	97
S.States	RT4981N	RR	27.8	41.9	40.2	40.1	46.2	47.5	40.6	97
Vigoro	V50N6RR	RR	30.3		37.9	41.2	46.6		39.0	97
Dyna-Gro	38T47	RR		38.9	46.5	35.2	47.0		41.9	97

Brand	Variety	Herbicide Resistance	BLK	ORG	PTR	SUF	WAR	SHV	Average	Average Relative Yield
USG	74A76	RR			38.3	37.6	48.6		41.5	96
NK	S49-Q9	RR	27.6		43.8	38.9			36.7	96
S.States	RT4760N	RR	26.2	42.7	39.7	37.0	46.3	49.4	40.2	96
D&PL	DP4724RR	RR	28.7	47.1	41.0	40.5	42.3	37.8	39.5	95
D&PL	DP4748S	STS	26.3		42.5	37.4	47.9		38.5	95
S.States	RT4777N	RR	27.8	43.0	40.3	44.4	43.3	32.7	38.6	93
Pioneer	94M80	RR		42.8		31.9	45.4		40.0	92
USG	7475RR	RR			41.8	34.4	42.2		39.5	92
Virginia	V01-2275	32.9	39.9	40.5	32.1	38.9		36.8	91	
GRAND AVERAGE			31.7	43.8	43.2	39.0	47.0	45.5	42.0	100

Table 1f. 2006 Yield Summaries and Average Relative Yield Double Crop Late Maturity Group IV Entries

Brand	Variety	Herbicide Resistance	BLK	ORG	PTR	SUF	WAR	Average Relative Yield	Average Relative Yield
USG	7495nRS	RR/STS			44.9	44.2	49.0	46.0	117
S.States	RT4996N	RR/STS	51.8	27.7		41.0	48.7	42.3	109
USG	7489RR	RR			39.4	40.7	45.8	41.9	106
S.States	RT4760N	RR		30.5		34.8	52.6	39.3	106
D&PL	DPX4919RR/S	RR/STS	41.9	31.0	37.0	40.6	48.5	39.8	105
USG	74A91	RR			33.9	44.5	45.5	41.3	104
USG	74A76	RR			39.5	33.8	51.8	41.7	104
D&PL	DP4748S	STS	39.3		42.3	36.8	49.6	42.0	104
Pioneer	94M80	RR		30.8		34.8	48.8	38.1	103
Vigoro	V49N6RR	RR		26.3	37.9	39.6	47.1	37.7	102
Stine	4782-4	RR	47.6	27.7	37.6	33.6	48.3	39.0	102
S.States	RT4808N	RR/STS	50.1	26.2	32.9	38.4	45.2	38.6	100
USG	74F96	RR			35.2	38.0	46.2	39.8	100
USG	74T85	RR			37.7	36.2	42.4	38.7	98
USG	7494nRR	RR			37.1	33.0	46.7	38.9	98
Dyna-Gro	38T47	RR			35.9	35.0	44.3	38.4	97
Pioneer	94B73	RR		30.2		32.6	43.4	35.4	97
S.States	RT4777N	RR		25.6		32.6	48.1	35.5	95
Vigoro	V50N6RR	RR	39.2		31.7	36.0	46.2	38.3	94
S.States	RT4981N	RR	40.7	22.9	30.0	40.3	45.4	35.9	93
D&PL	DP4724RR	RR	40.1	28.5	34.1	27.4	45.7	35.2	92
Virginia	V01-2275		40.3		28.4	31.2	43.2	35.8	87
USG	7475RR	RR			32.6		37.8	35.2	86
GRAND AVERAGE			43.5	28.0	36.0	36.6	46.5	38.9	100

Table 1g. 2006 Yield Summaries and Average Relative Yield of Full Season Maturity Group V Entries

Brand	Variety	Herbicide Resistance	BLK	ORG	PTR	SUF	WAR	Average Relative Yield
NK	XR5862	RR	58.8		48.2	51.9	52.9	112
USG	7553nRS	RR/STS			45.9	62.1	54.8	112
Asgrow	AG5905	RR	54.5		46.6	55.1	52.1	110
Pioneer	95M82	RR	53.5			57.1	50.2	109
USG	56124	RR			45.3	56.5	54.5	107
Virginia	V98-2711		49.8	55.4	46.6	54.4	54.7	107
USG	ALLEN	RR			46.8	54.0	53.4	106
Asgrow	AG5605	RR/STS	58.0	46.9	51.6	46.3	53.7	106
D&PL	DPX5914R	RR	56.6		46.7	49.2	49.0	105
DeltaKing	DKXTJ753	RR	49.9		46.1	52.9	49.6	105
USG	7515nRS	RR/STS			43.8	55.9	53.2	105
Public	Md99-6226				47.3	53.1	50.4	104
USG	56379	RR			41.6	56.2	53.5	104
D&PL	DP5634RR	RR	54.1		43.5	51.0	49.8	103
Virginia	V98-9005		43.0	61.1	48.0	51.2	49.1	103
USG	5601T		42.9	52.2	47.1	52.6	55.6	103
S.States	RT5160N	RR/STS	47.1	52.8	45.5	55.4	48.5	102
Dyna-Gro	33B52	RR	48.0			50.1	52.8	102
Vigoro	V51N7RS	RR/STS			43.2	53.9	51.5	102
Public	Teejay		47.9	58.8	42.1	55.8	44.1	102
Vigoro	V53N7RR	RR			48.1	47.0	49.9	100
D&PL	DP5915RR	RR	49.0		43.3	49.1	49.9	100

Brand	Variety	Herbicide Resistance	BLK	ORG	PTR	SUF	WAR	Average	Average Relative Yield
S.States	RT5540N	RR	45.2		42.4	54.7	49.0	47.8	99
Virginia	V01-1782	RR	42.4	59.9	41.2	50.1	49.0	48.5	99
NK	S53-A1	RR	45.5		41.6	53.4		46.8	99
USG	75M16	RR			41.9	48.3	53.2	47.8	98
D&PL	DPX5115R	RR/STS	38.6	63.5	40.0	48.8	50.7	48.3	98
NK	XR5563	RR	48.7		37.4	53.3		46.5	98
Public	Hutcheson		42.6	53.9	42.9	51.6	46.4	47.5	97
S.States	RT5450N	RR/STS	43.7		43.4	51.2	47.9	46.6	97
USG	56293	RR			42.0	45.2	53.6	46.9	97
NK	S56-D7	RR	46.6		48.7	40.9		45.4	97
Pioneer	95M50	RR/STS	43.6			48.0	51.6	47.7	97
USG	75M74	RR			43.9	46.9	49.4	46.7	97
Asgrow	AG5301	RR		48.5	43.1		49.2	46.9	96
Virginia	V01-0582	RR	50.0	41.3	44.1	51.1	46.7	46.7	96
Asgrow	AG5702	RR	47.4		41.0	47.5		45.3	96
D&PL	DP5110S	STS	37.2	56.2	44.6	42.8	52.7	46.7	95
DeltaKing	DK5066RR	RR/STS	37.6		42.2	53.3		44.3	94
Public	Ozark		40.2	40.1	45.2	55.3	46.7	45.5	93
D&PL	DP5414RR	RR	43.9	50.8	42.4	46.4	44.3	45.5	93
Public	Stoddard		47.2	39.1	45.7	48.6	45.5	45.2	93
USG	7505nRR	RR			40.8	48.2	46.2	45.1	93
Virginia	V01-1693	RR	37.8	55.3	41.3	45.3	47.1	45.3	93
S.States	RT5130N	RR	39.9	47.8	42.8	44.2	48.1	44.6	91
GRAND AVERAGE			46.6	52.0	44.2	51.0	50.1	48.5	100

Table 1h. 2006 Yield Summaries and Average Relative Yield of Double Crop Maturity Group V Entries

Brand	Variety	Herb	BLK	PTR	SUF	WAR	Average	Average
							Relative Yield	Yield
USG	7515nRS	RR/STS		40.2	45.3	44.0	43.1	108
Dyna-Gro	33B52	RR	49.5	37.3	47.6		44.8	108
NK	XR5862	RR	42.9	40.2	49.6		44.2	107
USG	5002T			43.6	40.7	42.8	42.3	107
Virginia	V98-2711		42.8	39.1	49.4	42.4	43.4	106
Asgrow	AG5605	RR	44.7	39.0	49.0	41.1	43.4	106
NK	XR5563	RR	48.0	38.5	44.8		43.8	106
D&PL	DP5634RR	RR	50.9	40.4	45.1	35.7	43.0	105
Virginia	V98-9005	43.7	38.6	45.9	43.2	42.9	105	
NK	S56-D7	RR	41.1	38.5	50.3		43.3	105
Vigoro	V51N7RS	RR/STS		37.8	48.6	39.3	41.9	105
USG	5601T	NONE		34.7	45.2	45.2	41.7	104
D&PL	DP5110S	STS	42.6	36.7	45.0	45.4	42.4	104
USG	75M16	RR		34.8	50.1	40.1	41.7	104
Pioneer	95M82	RR	46.4		49.5	36.5	44.1	104
Maryland	Md99-6226			37.5	39.9	44.5	40.6	102
USG	7505nRR	RR		38.7	40.0	42.9	40.5	102
Public	Stoddard		45.9	35.6	43.0	42.2	41.7	102
D&PL	DPX5115R	RR/STS	42.4	34.7	44.8	44.2	41.5	101
Public	Teejay		43.7	34.9	44.6	42.9	41.5	101
S.States	RT5540N	RR	41.8	38.1	47.0	38.1	41.2	101
Vigoro	V51N6RR	RR	45.5	35.2	45.4	39.2	41.3	101

Brand	Variety	Herb	BLK	PTR	SUF	WAR	Average	Average Relative Yield
S.States	RT5160N	RR/STS	42.5	37.7	43.7	40.3	41.0	100
D&PL	DP5414RR	RR	43.9	37.1	43.1	38.9	40.8	100
USG	7582nRR	RR		35.0	48.1	36.6	39.9	99
USG	550nSTS	STS		38.6	40.2	39.1	39.3	99
USG	7553nRS	RR/STS		32.8	43.9	41.9	39.5	99
D&PL	DPX5914R	RR	44.1	34.6	44.5	38.1	40.3	98
S.States	RT5450N	RR/STS	42.7	35.4	44.6	38.3	40.2	98
Virginia	V01-0582	RR	42.2	40.4	41.8	35.7	40.0	98
USG	540nRR	RR		35.8	43.5	36.7	38.6	97
Public	Hutcheson		40.3	34.7	42.6	40.2	39.4	96
Pioneer	95M50	RR/STS	40.0		44.5	37.8	40.8	96
S.States	RT5130N	RR	39.3	37.9	38.8	40.3	39.1	96
D&PL	DP5915RR	RR	46.6	31.9	44.9	33.9	39.3	96
Stine	5502-4	RR	43.3	34.9	44.2	34.3	39.2	96
Stine	5322-4	RR	41.2	34.9	36.1	43.4	38.9	95
USG	56379	RR		33.8	44.4	35.9	38.0	95
Virginia	V01-1693	RR	48.4	34.0	36.0	36.6	38.7	95
Vigoro	V53N7RR	RR		32.7	37.5	42.9	37.7	95
Virginia	V01-1702	RR	40.0	34.2	38.6	40.9	38.4	94
USG	56293	RR		33.4	43.0	34.6	37.0	92
USG	ALLEN	RR		33.9	41.7	35.2	36.9	92
USG	75M74	RR		31.4	42.2	36.4	36.7	91
USG	56124	RR		32.9	39.5	35.1	35.8	90
GRAND MEAN			43.8	36.3	44.0	39.6	40.7	100

Table 2a. 2006 Performance of Full Season Maturity Group III Entries at Orange, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Maturity Date</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/lb</i>	<i>Yield Bu/Ac</i>
S.States	RT3760N	RR	29-sep-06	3.0	44	2	2.3	4093	59.8
S.States	RT3951N	RR	29-sep-06	3.5	45	2	3.0	3473	59.2
USG	7393nRR	RR	29-sep-06	4.5	41	1	3.0	2710	58.7
D&PL	DPX3994RR	RR	29-sep-06	3.8	46	1	2.7	3825	58.6
Asgrow	AG3602	RR	29-sep-06	3.7	43	1	2.3	3623	57.9
S.States	RT3860	RR	29-sep-06	2.8	43	0	2.7	3359	55.7
Dyna-Gro	39-B38	RR	29-sep-06	4.0	42	2	2.3	3335	53.6
S.States	RT3851N	RR	29-sep-06	3.2	46	1	2.0	4019	51.4
USG	7384nRS	RR/STS	29-sep-06	4.2	42	1	3.0	3876	51.1
Pioneer	93M95	RR	29-sep-06	4.3	45	1	2.0	3683	49.9
Vigoro	V36N5RR	RR	29-sep-06	4.2	41	1	2.3	4142	47.5
D&PL	DP3861RR	RR	29-sep-06	3.7	39	1	2.0	3776	44.3
Grand Average			29-Sep-06	3.7	43	1	2.5	3659	54.0
R ²			---	0.46	0.62	0.24	0.61	0.80	0.57
CV			---	19.1	5.9	102	17.8	7.7	14.2
LSD (0.10)			0	0.9	3.6	1.6	0.6	397	10.8

Table 2b. 2006 Performance of Full Season Maturity Group III Entries at Painter, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
Asgrow	AG3602	RR	2.4	33	20	4.0	3813	29.4
D&PL	DP3861RR	RR	2.3	30	24	3.5	3445	27.9
USG	7384nRS	RR/STS	2.3	30	15	3.8	3608	27.2
Pioneer	93M95	RR	3.1	35	26	3.5	3747	26.2
S.States	RT3951N	RR	2.5	35	19	3.5	3750	25.6
Vigoro	V36N5RR	RR	2.3	36	22	3.8	3713	25.5
D&PL	DPX3994RR	RR	2.9	35	26	3.3	4011	25.1
S.States	RT3851N	RR	2.1	32	27	3.0	4227	24.9
S.States	RT3760N	RR	2.5	35	19	3.5	4033	24.8
S.States	RT3860	RR	2.0	31	28	3.8	3713	24.1
Dyna-Gro	39-B38	RR	2.1	33	22	3.5	3467	23.1
USG	7393nRR	RR	2.3	31	29	3.8	3082	22.1
Grand Average			2.4	33	23	3.6	3717	25.5
R ²			0.86	0.84	0.38	0.39	0.72	0.80
CV			17.9	7.7	31.0	13.1	6.3	16.0
LSD (0.10)			0.5	3.0	8.5	0.6	280	4.8

Table 2c. 2006 Performance of Full Season Maturity Group III Entries at Shenandoah Valley, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
Asgrow	AG3602	RR	1.3	25	3	2.0	3516	51.8
S.States	RT3851N	RR	1.0	26	3	2.0	3455	50.2
S.States	RT3860	RR	1.2	28	1	1.7	3020	50.0
D&PL	DPX3994RR	RR	1.2	27	3	1.3	3467	47.3
USG	7393nRR	RR	1.0	23	4	2.0	2301	47.2
Vigoro	V36N5RR	RR	1.2	29	2	2.3	3296	43.8
S.States	RT3951N	RR	1.3	28	4	2.3	2984	43.6
Dyna-Gro	39-B38	RR	1.0	27	1	2.0	2814	43.2
USG	7384nRS	RR/STS	1.0	22	7	2.0	2718	40.5
Pioneer	93M95	RR	1.5	26	4	2.0	3323	39.7
D&PL	DP3861RR	RR	1.2	23	2	1.7	3397	34.6
Grand Average			1.2	26	3	1.9	3154	44.7
R ²			0.52	0.58	0.48	0.47	0.77	0.42
CV			21.9	10.2	76.7	19.3	9.5	17.3
LSD (0.10)			0.4	3.7	3.4	0.5	421	10.8

Table 2d. 2006 Performance of Full Season Maturity Group III Entries at Suffolk, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Maturity Date</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
D&PL	DPX3994RR	RR	01-oct-06	1.1	33	1	2.0	3733	41.2
Pioneer	93M95	RR	29-sep-06	2.5	32	1	1.8	3457	40.7
S.States	RT3860	RR	28-sep-06	1.0	27	1	2.3	3457	39.2
USG	7384nRS	RR/STS	01-oct-06	1.3	26	1	2.0	3398	38.0
Asgrow	AG3602	RR	28-sep-06	2.0	30	1	2.0	3293	37.9
Vigoro	V36N5RR	RR	28-sep-06	1.8	32	1	1.3	3432	36.6
S.States	RT3851N	RR	29-sep-06	1.4	31	0	2.0	3686	36.4
Dyna-Gro	39-B38	RR	03-oct-06	1.0	28	2	2.0	2864	35.7
D&PL	DP3861RR	RR	28-sep-06	1.5	29	3	1.8	3514	35.6
S.States	RT3951N	RR	29-sep-06	1.4	30	3	1.5	3219	35.3
S.States	RT3760N	RR	28-sep-06	1.5	34	1	1.8	3696	33.0
USG	7393nRR	RR	29-sep-06	2.0	29	1	2.3	2723	32.2
Grand Average			29-Sep-06	1.5	30	1	1.9	3373	36.8
R ²			0.49	0.63	0.60	0.60	0.52	0.86	0.57
CV			0.1	29.3	8.3	95.3	19.5	4.4	12.6
LSD (0.10)			3.0	0.5	3.0	1.4	0.4	179	5.5

Table 2e. 2006 Performance of Full Season Maturity Group III Entries at Warsaw, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Maturity Date</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
USG	7384nRS	RR/STS	05-oct-06	1.4	23	3	2.0	3170	48.9
Asgrow	AG3602	RR	03-oct-06	1.3	27	3	2.0	3156	46.6
S.States	RT3860	RR	03-oct-06	1.4	22	2	1.9	3056	45.4
D&PL	DPX3994RR	RR	05-oct-06	1.4	27	1	1.6	3519	45.0
Dyna-Gro	39-B38	RR	04-oct-06	1.1	24	3	1.7	2842	43.2
S.States	RT3851N	RR	04-oct-06	1.6	26	2	1.5	3571	42.6
S.States	RT3760N	RR	04-oct-06	1.4	29	3	1.6	3436	41.8
USG	7393nRR	RR	06-oct-06	1.9	26	3	1.7	2522	41.8
D&PL	DP3861RR	RR	04-oct-06	1.4	24	5	2.1	3185	40.9
Pioneer	93M95	RR	04-oct-06	1.7	26	1	2.0	3088	40.0
Vigoro	V36N5RR	RR	04-oct-06	1.6	24	4	2.2	2836	39.7
S.States	RT3951N	RR	04-oct-06	1.5	26	4	2.2	3132	35.4
Grand Average			04-Oct-06	1.4	25	3	1.9	3126	42.6
R ²			0.86	0.51	0.51	0.28	0.44	0.86	0.43
CV			0.1	16.7	9.3	80.4	19.8	4.5	15.2
LSD (0.10)			1.2	0.3	2.8	2.6	0.4	169	7.8

Table 3a. 2006 Performance of Double-Crop Maturity Group III Entries at Orange, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
S.States	RT3760N	RR	1.2	22	1	2.0	2548	26.4
S.States	RT3951N	RR	1.0	21	1	1.7	2726	26.0
S.States	RT3860	RR	1.0	17	1	1.7	2911	25.3
S.States	RT3851N	RR	1.0	18	1	1.3	2986	22.2
Grand Average			1.0	20	1	1.7	2793	25.0
R ²			0.45	0.87	0.45	0.50	0.31	0.35
CV			13.8	6.5	13.9	28.3	13.7	16.6
LSD (0.10)			0.2	2.0	0.2	0.7	607	6.6

Table 3b. 2006 Performance of Double-Crop Maturity Group III Entries at Suffolk, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Maturity Date</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
S.States	RT3851N	RR	30-oct-06	1.0	22	4	2.0	3011	32.1
S.States	RT3760N	RR	30-oct-06	1.3	27	2	2.0	2978	28.5
S.States	RT3860	RR	30-oct-06	1.0	21	4	3.0	2535	27.9
S.States	RT3951N	RR	30-oct-06	1.4	24	2	2.3	2624	26.5
Grand Average			30-Oct-06	1.2	24	3	2.3	2787	28.7
R ²			---	0.69	0.62	0.43	0.71	0.92	0.19
CV			---	14.8	12.8	67.1	18.0	2.8	19.1
LSD (0.10)			0	0.2	3.9	2.4	0.5	98	7.1

Table 3c. 2006 Performance of Double-Crop Maturity Group III Entries at Warsaw, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Maturity Date</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>Yield Bu/Ac</i>
S.States	RT3860	RR	24-oct-06	1.4	20	0	2.2	43.7
S.States	RT3760N	RR	21-oct-06	1.5	25	0	2.5	41.9
S.States	RT3851N	RR	23-oct-06	1.4	23	0	2.7	41.8
S.States	RT3951N	RR	21-oct-06	1.5	23	0	2.4	41.3
Grand Average			22-Oct-06	1.4	22	0	2.5	42.2
R ²			0.38	0.52	0.71	---	0.57	0.69
CV			0.1	17.1	9.2	----	8.2	4.4
LSD (0.10)			3.5	0.3	2.7	0	0.3	2.4

Table 4a. 2006 Performance of Full-Season Early Maturity Group IV Entries at Blackstone, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
S.States	RT4551N	RR	1.3	40	9	3.0	3518	35.3
S.States	RT4451N	RR	1.8	40	6	3.7	4759	32.3
NK	S43-B1	RR	1.3	37	10	3.7	4023	30.4
D&PL	DPX4112RR/S	RR/STS	1.5	38	5	4.0	3582	29.0
D&PL	DP4546RR	RR	2.2	43	2	3.3	3413	27.6
T.A.Seeds	TS4689R	RR	1.0	32	3	3.0	3522	27.5
S.States	RT4151N	RR	1.2	34	15	3.3	2795	25.3
T.A.Seeds	TS4389R	RR	1.5	36	7	3.0	3997	25.0
T.A.Seeds	TS4399R	RR	1.0	36	5	2.5	4187	24.0
D&PL	DP4331RR	RR	1.2	35	3	2.3	4140	23.0
Stine	4402-4	RR	1.0	32	8	4.0	3363	22.7
S.States	RT4440N	RR	1.0	36	5	2.7	4174	21.6
D&PL	4690RR	RR	1.2	36	5	2.7	4187	21.5
DeltaKing	DKXTJ744	RR	1.0	33	13	4.3	3337	20.3
Public	Monocacy		2.2	39	7	4.3	3683	14.2
Grand Average			1.4	36	7	3.3	3779	25.3
R ²			0.77	0.91	0.66	0.76	0.84	0.74
CV			20.5	3.4	55.8	13.8	7.0	17.5
LSD (0.10)			0.4	1.7	5.3	1.0	3.65	6.1

Table 4b. 2006 Performance of Full-Season Early Maturity Group IV Entries at Orange, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Maturity Date</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
Clark	CL45RR	RR	02-oct-06	1.8	43	1	3.0	3385	48.0
NK	S41-M5	RR/STS	02-oct-06	3.0	41	1	1.5	4078	43.4
T.A.Seeds	TS4689R	RR	04-oct-06	1.8	38	4	2.0	3040	43.2
Vigoro	V41N6RR	RR	02-oct-06	2.8	40	2	3.0	2612	42.5
Dyna-Gro	SXO6842	RR/STS	02-oct-06	1.3	33	0	2.0	3405	42.3
D&PL	DP4546RR	RR	05-oct-06	3.7	50	0	2.5	2648	42.3
T.A.Seeds	TS4399R	RR	02-oct-06	2.7	40	2	1.0	3418	42.3
Pioneer	94M50	RR	04-oct-06	1.5	36	1	1.5	3192	42.2
S.States	RT4440N	RR	02-oct-06	2.2	44	1	1.5	3427	41.8
NK	S40-R9	RR	03-oct-06	3.7	41	2	2.0	3234	41.0
D&PL	4690RR	RR	04-oct-06	1.3	41	2	1.0	3271	40.4
S.States	RT4551N	RR	05-oct-06	2.7	41	2	1.5	3062	39.4
Stine	4402-4	RR	04-oct-06	1.7	39	2	1.0	3001	39.0
S.States	RT4151N	RR	05-oct-06	2.3	36	3	1.5	2352	38.9
Dyna-Gro	37A44	RR	03-oct-06	1.3	38	2	3.5	3606	38.5
D&PL	DPX4112RR/S	RR/STS	03-oct-06	3.8	35	2	1.0	3246	38.4
D&PL	DP4331RR	RR	02-oct-06	1.8	37	1	2.0	3341	38.4
Asgrow	AG4404	RR/STS	03-oct-06	2.5	39	2	2.0	3284	38.2
Vigoro	V46N6RR	RR	02-oct-06	2.2	36	3	1.5	3216	38.1
S.States	RT4451N	RR	04-oct-06	2.0	36	3	1.5	3693	36.9
T.A.Seeds	TS4389R	RR	02-oct-06	2.2	37	2	1.5	2976	35.7
NK	S43-B1	RR	03-oct-06	3.3	37	1	2.0	3676	35.7
Vigoro	V44N6RR	RR	03-oct-06	1.3	35	1	2.5	3644	34.3
Pioneer	94M31	RR	02-oct-06	2.2	40	3	1.5	3446	33.0
Grand Average			03-Oct-06	2.3	39	2	1.8	3261	39.7
R ²			0.55	0.61	0.57	0.42	0.41	0.81	0.41
CV			0.1	34.6	10.3	76.3	62.2	7.5	18.6
LSD (0.10)			1.6	1.1	5.5	2.0	2.0	333	10.2

Table 4c. 2006 Performance of Full-Season Early Maturity Group IV Entries at Painter, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
Vigoro	V46N6RR	RR	3.4	39	12	2.8	3170	44.9
S.States	RT4440N	RR	3.1	40	36	2.0	3504	43.8
Vigoro	V44N6RR	RR	3.4	40	16	3.0	3670	42.9
Clark	CL45RR	RR	3.1	40	18	2.5	3519	42.9
Asgrow	AG4404	RR/STS	3.1	41	11	3.3	3146	42.5
Dyna-Gro	37A44	RR	2.9	37	20	2.5	3660	42.2
S.States	RT4451N	RR	3.5	38	17	3.0	3642	41.9
USG	74A45	RR	3.1	39	17	2.8	3530	41.8
Vigoro	V41N6RR	RR	2.9	34	25	3.0	2565	41.5
USG	74T35	RR	2.6	32	24	3.5	2646	41.3
D&PL	DP4331RR	RR	3.3	37	16	2.5	3396	40.7
S.States	RT4551N	RR	3.5	38	7	2.8	2901	40.6
DeltaKing	DKXTJ744	RR	3.0	37	18	2.8	2761	40.2
USG	7434nRR	RR	2.9	29	19	4.0	2691	40.1
Stine	4402-4	RR	2.9	36	14	3.3	2582	40.0
D&PL	DP4546RR	RR	3.6	41	2	1.8	2581	39.8
S.States	RT4151N	RR	2.8	33	31	2.8	2627	39.4
D&PL	4690RR	RR	2.9	36	13	2.5	3280	39.1
USG	7423nRS	RR/STS	3.0	30	23	4.0	2609	38.3
Dyna-Gro	SXO6842	RR/STS	2.9	32	13	3.0	3074	37.3
NK	S43-B1	RR	3.1	36	17	4.0	3249	36.6
NK	S41-M5	RR/STS	3.6	36	22	3.8	3180	34.3
NK	S40-R9	RR	3.0	40	17	3.8	3289	33.1
D&PL	DPX4112RR/S	RR/STS	3.3	41	16	3.8	2814	31.8
Grand Average			3.1	37	17	3.0	3087	39.9
R ²			0.85	0.69	0.39	0.63	0.87	0.58
CV			15.8	12.1	79.4	21.3	5.8	14.2
LSD (0.10)			0.6	5.2	16.3	0.8	213	6.7

Table 4d. 2006 Performance of Full-Season Maturity Early Group IV Entries at Shenandoah Valley, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Lodging 1 – 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
USG	74A45	RR	3.0	40	1	1.0	3505	63.2
T.A.Seeds	TS4689R	RR	2.2	32	3	1.5	2812	63.0
T.A.Seeds	TS4389R	RR	2.8	32	1	1.7	2875	60.7
USG	74T35	RR	1.2	19	7	2.3	2446	59.2
D&PL	DP4331RR	RR	3.0	36	0	1.0	3148	58.7
NK	S43-B1	RR	2.5	36	0	2.3	3117	58.4
Pioneer	94M31	RR	1.2	32	2	1.3	2828	58.2
S.States	RT4440N	RR	2.8	38	1	1.0	3158	57.5
Pioneer	94M50	RR	1.3	30	1	1.7	2771	57.5
NK	S40-R9	RR	2.8	41	0	1.5	3204	56.9
NK	S41-M5	RR/STS	2.2	24	6	1.7	3022	56.3
T.A.Seeds	TS4399R	RR	3.3	35	0	1.0	3109	56.2
S.States	RT4151N	RR	1.3	30	2	2.0	2316	56.2
USG	7434nRR	RR	1.2	24	3	2.0	2462	56.1
S.States	RT4551N	RR	2.7	24	0	1.3	2904	54.3
D&PL	DP4546RR	RR	3.2	26	0	1.3	2671	54.3
USG	7423nRS	RR/STS	1.5	28	4	2.3	2388	54.1
S.States	RT4451N	RR	1.7	33	0	1.0	3426	53.5
D&PL	4690RR	RR	2.5	36	1	1.0	3204	52.6
Stine	4402-4	RR	1.3	26	4	2.0	2360	51.9
D&PL	DPX4112RR/S	RR/STS	3.5	40	1	1.0	2628	51.7
Grand Average			2.2	31	2	1.5	2874	56.7
R ²			0.70	0.47	0.77	0.71	0.93	0.40
CV			30.6	27.5	88.4	26.3	4.1	10.5
LSD (0.10)			0.9	11.8	2.2	0.6	165	8.2

Table 4e. 2006 Performance of Full-Season Maturity Early Group IV Entries at Suffolk, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Maturity Date</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
T.A.Seeds	TS4689R	RR	06-oct-06	1.5	34	1	2.3	3038	47.3
Vigoro	V46N6RR	RR	06-oct-06	2.0	32	1	2.0	3352	44.3
D&PL	DP4331RR	RR	06-oct-06	1.8	36	0	1.8	3547	43.1
S.States	RT4451N	RR	08-oct-06	1.9	35	1	2.0	3865	42.4
Dyna-Gro	37A44	RR	09-oct-06	2.1	33	2	2.0	3821	42.2
USG	74A45	RR	08-oct-06	2.3	40	1	2.5	3668	41.6
Vigoro	V44N6RR	RR	07-oct-06	2.3	36	1	2.3	3691	40.5
NK	S43-B1	RR	06-oct-06	2.1	33	1	2.3	3606	39.9
Stine	4402-4	RR	04-oct-06	1.5	30	2	2.5	2844	39.9
T.A.Seeds	TS4389R	RR	05-oct-06	2.1	33	1	2.0	3429	39.5
DeltaKing	DKXTJ744	RR	06-oct-06	1.8	34	1	2.8	2887	39.2
T.A.Seeds	TS4399R	RR	04-oct-06	2.0	33	1	1.8	3601	39.2
USG	74T35	RR	03-oct-06	1.4	27	1	3.0	2942	39.0
Dyna-Gro	SXO6842	RR/STS	03-oct-06	1.9	30	1	2.3	3315	38.9
D&PL	4690RR	RR	04-oct-06	1.6	35	1	1.8	3676	37.4
Asgrow	AG4404	RR/STS	03-oct-06	1.7	33	1	2.0	3375	36.8
S.States	RT4151N	RR	06-oct-06	1.9	33	0	2.5	3048	36.6
USG	7423nRS	RR/STS	04-oct-06	1.6	31	1	3.3	2761	36.2
D&PL	DP4546RR	RR	08-oct-06	2.1	34	1	2.0	3241	35.3
Vigoro	V41N6RR	RR	03-oct-06	1.8	32	1	2.3	3100	34.7
S.States	RT4551N	RR	03-oct-06	1.9	34	2	2.3	3558	34.6
USG	7434nRR	RR	03-oct-06	1.5	28	3	3.0	2929	32.8
S.States	RT4440N	RR	06-oct-06	6.1	34	0	1.5	3528	31.7
D&PL	DPX4112RR/S	RR/STS	03-oct-06	2.0	34	1	2.8	3344	25.3
Public	Monocacy		04-oct-06	2.0	34	3	3.5	3223	24.1
Grand Average			05-Oct-06	2.0	33	1	2.3	3335	37.7
R ²			0.61	0.30	0.61	0.53	0.62	0.93	0.71
CV			0.1	90.9	7.7	92.1	19.8	3.0	11.4
LSD (0.10)			3.1	2.6	3.5	1.3	0.6	1.39	5.8

Table 4f. 2006 Performance of Full-Season Early Maturity Group IV Entries at Warsaw, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Maturity Date</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
Pioneer	94M50	RR	09-oct-06	1.6	28	1	1.4	2934	55.2
T.A.Seeds	TS4689R	RR	13-oct-06	1.4	30	1	1.8	2738	55.0
T.A.Seeds	TS4399R	RR	10-oct-06	1.7	33	0	1.4	3266	53.9
D&PL	DP4331RR	RR	11-oct-06	1.4	31	1	1.4	3355	53.4
Asgrow	AG4404	RR/STS	09-oct-06	1.8	32	1	1.4	3025	52.7
Stine	4402-4	RR	08-oct-06	1.6	28	2	1.8	2471	52.5
S.States	RT4451N	RR	12-oct-06	1.8	32	1	1.7	3335	51.8
DeltaKing	DKXTJ744	RR	08-oct-06	1.7	28	1	1.6	2657	51.3
S.States	RT4151N	RR	11-oct-06	1.7	31	1	1.8	2528	50.9
Vigoro	V44N6RR	RR	12-oct-06	2.0	31	2	1.8	3148	50.8
USG	74T35	RR	06-oct-06	1.3	25	1	1.9	2564	49.6
Public	Monocacy		08-oct-06	1.9	31	5	2.5	2460	49.6
Vigoro	V46N6RR	RR	11-oct-06	2.1	30	1	1.6	2984	48.6
Dyna-Gro	SXO6842	RR/STS	07-oct-06	1.3	25	2	1.6	2923	48.6
USG	74A45	RR	12-oct-06	2.1	33	2	1.8	3087	48.5
D&PL	4690RR	RR	14-oct-06	1.7	31	1	1.5	3130	48.5
S.States	RT4440N	RR	10-oct-06	1.7	30	1	1.6	3243	46.4
Clark	CL45RR	RR	11-oct-06	1.7	30	1	1.8	3194	46.3
Dyna-Gro	37A44	RR	12-oct-06	1.6	29	1	2.0	3124	46.0
Vigoro	V41N6RR	RR	08-oct-06	1.7	28	2	1.9	2437	45.7
S.States	RT4551N	RR	10-oct-06	1.5	30	1	1.5	3047	45.6
T.A.Seeds	TS4389R	RR	11-oct-06	2.0	27	1	1.8	2777	45.5
USG	7434nRR	RR	06-oct-06	1.4	24	1	1.9	2472	44.4
D&PL	DP4546RR	RR	14-oct-06	2.6	34	0	1.4	2875	44.2
Pioneer	94M31	RR	09-oct-06	1.6	26	3	2.1	2822	42.9
NK	S41-M5	RR/STS	05-oct-06	1.6	29	2	2.1	3265	42.5
NK	S43-B1	RR	06-oct-06	1.7	30	2	1.8	3007	40.6
USG	7423nRS	RR/STS	07-oct-06	1.4	23	2	1.9	2406	40.2
D&PL	DPX4112RR/S	RR/STS	06-oct-06	1.8	29	3	2.0	2744	38.5
NK	S40-R9	RR	06-oct-06	1.4	28	2	1.9	2852	38.4
Grand Average			09-Oct-06	1.7	29	1	1.7	2896	47.6
R ²			0.78	0.53	0.66	0.50	0.61	0.84	0.64
CV			0.1	22.7	9.4	110	14.7	5.4	12.1
LSD (0.10)			2.1	0.4	3.2	1.7	0.3	184	6.8

Table 5a. 2006 Performance of Double-Crop Early Maturity Group IV Entries at Blackstone, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
D&PL	DP4690RR	RR	2.0	28	11	1.7	2871	46.2
D&PL	DP4546RR	RR	2.2	33	1	1.7	2652	39.8
D&PL	DPX4112RR/S	RR/STS	1.3	27	5	2.0	2811	36.5
Stine	4402-4	RR	1.0	26	14	4.0	2390	35.9
Public	Monocacy		2.0	27	17	4.0	2675	34.7
D&PL	DP4331RR	RR	1.3	26	8	2.0	3203	32.3
Grand Average			1.6	28	9	2.6	2767	37.6
R ²			0.74	0.82	0.65	0.94	0.91	0.53
CV			45.8	8.6	78.4	13.7	4.0	15.5
LSD (0.10)			1.1	3.6	10.9	0.5	164	8.6

Table 5b. 2006 Performance of Full-Season Early Maturity Group IV Entries at Orange, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
Stine	4402-4	RR	1.0	19	6	2.0	2300	33.7
S.States	RT4440	RR	1.5	23	1	1.3	3369	33.2
D&PL	DP4331RR	RR	1.2	23	4	1.7	3444	31.4
S.States	RT4451N	RR	1.5	22	1	1.7	3290	30.0
D&PL	DPX4112RR/S	RR/STS	1.3	21	6	1.7	2665	29.7
S.States	RT4551N	RR	1.2	19	4	1.7	2909	29.2
Vigoro	V44N6RR	RR	1.5	21	1	1.7	3462	28.4
D&PL	DP4546RR	RR	1.8	24	3	2.3	3023	27.4
Pioneer	94M50	RR	1.2	21	3	2.0	2723	26.4
S.States	RT4151N	RR	1.3	23	2	1.7	2800	26.4
D&PL	DP4690RR	RR	1.2	20	3	1.7	3446	23.8
Grand Average			1.3	21	3	1.8	3039	29.1
R ²			0.75	0.58	0.64	0.29	0.94	0.59
CV			16.5	11.6	53.1	30.5	4.1	13.2
LSD (0.10)			0.3	3.5	2.2	0.8	174	5.4

Table 5c. 2006 Performance of Double-Crop Early Maturity Group IV Entries at Painter, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
Vigoro	V41N6RR	RR	1.5	20	1	1.3	2364	35.7
D&PL	DP4331RR	RR	1.5	21	1	1.5	3080	35.1
Vigoro	V44N6RR	RR	1.5	23	1	1.0	3015	34.4
D&PL	DP4690RR	RR	1.5	22	0	1.0	2989	34.0
Stine	4402-4	RR	1.5	18	3	2.3	2559	33.2
Dyna-Gro	37A44	RR	1.5	23	1	1.0	3167	33.1
S.States	RT4451N	RR	1.5	22	1	1.5	3006	32.7
Dyna-Gro	SXO6842	RR/STS	1.5	23	2	1.5	2721	31.9
S.States	RT4551N	RR	1.5	23	3	2.0	2772	31.7
Vigoro	V46N6RR	RR	1.5	22	1	1.3	2784	31.5
S.States	RT4151N	RR	1.5	21	2	1.5	2419	31.0
D&PL	DPX4112RR/S	RR/STS	1.5	22	1	1.5	2813	30.6
D&PL	DP4546RR	RR	1.5	22	0	2.0	2727	30.0
USG	440nSTS	STS	1.9	23	1	1.8	2724	29.8
Grand Average			1.5	22	1	1.5	2796	32.5
R ²			0.29	0.51	0.40	0.51	0.80	0.47
CV			13.1	7.9	142	29.9	5.1	8.1
LSD (0.10)			0.2	2.0	1.8	0.5	170	3.2

Table 5d. 2006 Performance of Double-Crop Early Maturity Group IV Entries at Suffolk, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Maturity Date</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
D&PL	DP4546RR	RR	30-oct-06	1.0	25	0	1.8	2383	39.4
D&PL	DP4690RR	RR	30-oct-06	1.0	24	2	1.8	2574	38.4
S.States	RT4440	RR	30-oct-06	1.0	22	3	1.8	2698	36.4
S.States	RT4151N	RR	01-nov-06	1.0	21	2	1.8	2265	35.8
S.States	RT4451N	RR	30-oct-06	1.3	27	6	1.8	2724	34.9
D&PL	DP4331RR	RR	30-oct-06	1.0	22	4	1.3	2724	34.1
Vigoro	V44N6RR	RR	01-nov-06	1.1	22	3	1.8	2865	33.7
Dyna-Gro	37A44	RR	30-oct-06	1.3	24	4	1.8	2715	33.6
Dyna-Gro	SXO6842	RR/STS	30-oct-06	1.1	22	4	1.8	2648	33.0
Vigoro	V41N6RR	RR	30-oct-06	1.1	24	3	2.3	2324	31.7
Vigoro	V46N6RR	RR	30-oct-06	1.0	21	4	1.3	2548	31.2
Pioneer	94M50	RR	30-oct-06	1.0	23	2	2.0	2544	29.1
Stine	4402-4	RR	30-oct-06	1.0	20	6	2.5	2165	29.0
USG	440nSTS	STS	01-nov-06	1.4	24	6	1.8	2264	28.0
S.States	RT4551N	RR	30-oct-06	1.0	24	6	1.3	2656	26.1
D&PL	DPX4112RR/S	RR/STS	30-oct-06	1.0	25	2	2.0	2546	26.0
Public	Monocacy		30-oct-06	1.0	23	5	3.3	2259	25.7
Grand Average			30-Oct-06	1.1	23	4	1.9	2523	32.1
R ²			0.35	0.48	0.45	0.62	0.71	0.87	0.51
CV			0.1	14.2	10.3	65.6	21.6	3.7	16.5
LSD (0.10)			2.3	0.2	2.8	2.7	0.5	111	6.3

Table 5e. 2006 Performance of Double-Crop Early Maturity Group IV Entries at Warsaw, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Maturity Date</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
Vigoro	V44N6RR	RR	27-oct-06	1.5	26	1	1.8	2957	49.8
S.States	RT4451N	RR	27-oct-06	1.4	26	1	2.2	2843	48.1
S.States	RT4440	RR	27-oct-06	1.4	25	2	1.6	2833	47.9
Dyna-Gro	37A44	RR	28-oct-06	1.6	26	1	2.1	2895	47.5
Public	Monocacy		27-oct-06	1.7	26	11	3.4	2303	46.5
Pioneer	94M50	RR	27-oct-06	1.2	22	2	1.9	2391	46.1
Vigoro	V41N6RR	RR	27-oct-06	1.6	25	2	2.1	2292	45.9
D&PL	DP4331RR	RR	26-oct-06	1.2	24	1	1.5	2807	45.8
D&PL	DP4690RR	RR	27-oct-06	1.4	25	2	1.9	2829	45.8
D&PL	DP4546RR	RR	27-oct-06	1.9	27	1	1.6	2381	45.7
S.States	RT4551N	RR	27-oct-06	1.3	24	3	2.0	2611	45.5
S.States	RT4151N	RR	27-oct-06	1.6	25	1	2.1	2412	45.2
Dyna-Gro	SXO6842	RR/STS	27-oct-06	1.2	21	2	1.6	2600	45.0
USG	440nSTS	STS	27-oct-06	1.5	23	3	2.2	2480	44.9
Stine	4402-4	RR	27-oct-06	1.3	19	4	2.1	2147	44.4
D&PL	DPX4112RR/S	RR/STS	24-oct-06	1.3	27	2	2.5	2579	43.9
Vigoro	V46N6RR	RR	27-oct-06	1.6	23	1	2.2	2514	43.4
Grand Average			27-Oct-06	1.4	24	2	2.0	2581	45.9
R ²			0.74	0.65	0.78	0.70	0.66	0.95	0.47
CV			0.1	11.3	5.4	82.2	18.2	2.6	4.7
LSD (0.10)			0.8	0.2	1.5	2.2	0.4	80	2.6

Table 6a. 2006 Performance of Full-Season Late Maturity Group IV Entries at Blackstone, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Maturity Date</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
Public	UA4805		15-oct-06	3.5	26	2	2.0	3558	48.4
DeltaKing	DK4866RR	RR/STS	11-oct-06	1.3	39	5	3.0	3603	38.3
Clark	CL49RR	RR	12-oct-06	1.7	44	2	2.7	3394	36.4
S.States	RT4808N	RR/STS	11-oct-06	1.2	39	2	3.7	3728	35.8
S.States	RT4996N	RR/STS	13-oct-06	1.5	41	2	2.0	3153	33.2
Virginia	V01-2275		11-oct-06	1.3	36	3	4.0	3230	32.9
DeltaKing	DKXTJ749	RR	11-oct-06	1.3	39	3	3.0	3378	30.9
Vigoro	V50N6RR	RR	11-oct-06	1.5	46	2	3.0	3511	30.3
Stine	4782-4	RR	11-feb-06	1.0	30	8	3.3	3589	28.8
D&PL	DP4724RR	RR	11-oct-06	1.3	36	3	3.7	3353	28.7
D&PL	DPX4919RR/S	RR/STS	13-oct-06	1.8	42	4	2.3	3502	28.1
S.States	RT4981N	RR	11-oct-06	1.5	41	2	2.7	3398	27.8
S.States	RT4777N	RR	11-oct-06	1.3	41	3	3.3	3468	27.8
NK	S49-Q9	RR	12-oct-06	1.5	39	2	2.7	4201	27.6
D&PL	DP4748S	STS	11-oct-06	2.5	43	8	4.0	3300	26.3
S.States	RT4760N	RR	11-oct-06	1.7	40	4	3.7	3689	26.2
Grand Average			19-Oct-06	1.6	39	3	3.1	3503	31.7
R ²			0.76	0.80	0.84	0.49	0.75	0.75	0.64
CV			0.1	18.8	5.9	86.9	15.2	5.0	17.3
LSD (0.10)			1.5	0.4	3.2	4.0	0.6	246	7.7

Table 6b. 2006 Performance of Full-Season Late Maturity Group IV Entries at Orange, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Maturity Date</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
S.States	RT4996N	RR/STS	12-oct-06	2.8	45	0	1.3	2754	51.9
Public	UA4805		12-oct-06	4.3	39	0	1.0	3302	50.9
Asgrow	AG4903	RR/STS	12-oct-06	2.2	43	0	2.0	2819	50.1
Asgrow	AG4801	RR	12-oct-06	2.0	39	1	2.0	2802	47.3
D&PL	DP4724RR	RR	09-oct-06	3.8	42	0	1.0	2829	47.1
Vigoro	V49N6RR	RR	12-oct-06	4.2	46	1	1.3	2681	44.0
Asgrow	AG4703	RR	05-oct-06	2.5	41	1	1.7	3153	43.2
S.States	RT4777N	RR	12-oct-06	2.7	43	0	1.7	3116	43.0
Pioneer	94M80	RR	09-oct-06	3.8	44	3	1.7	2714	42.8
S.States	RT4760N	RR	07-oct-06	4.5	43	2	2.7	3112	42.7
D&PL	DPX4919RR/S	RR/STS	12-oct-06	4.7	44	0	1.0	3001	42.1
S.States	RT4981N	RR	12-oct-06	3.5	42	1	1.0	2824	41.9
Pioneer	94B73	RR	09-oct-06	2.3	40	1	1.0	3241	41.3
S.States	RT4808N	RR/STS	12-oct-06	2.0	38	1	1.7	2871	40.7
Virginia	V01-2275		07-oct-06	2.3	37	2	2.0	3053	39.9
Dyna-Gro	38T47	RR	03-oct-06	3.8	42	0	2.0	3328	38.9
Stine	4782-4	RR	09-oct-06	1.8	33	4	2.0	3241	37.4
Grand Average			09-Oct-06	3.2	41	1	1.6	3008	43.8
R ²			0.70	0.78	0.56	0.49	0.70	0.82	0.66
CV			0.1	21.0	8.3	110	24.5	4.3	10.1
LSD (0.10)			3.3	0.9	4.7	1.7	0.5	180	6.1

Table 6c. 2006 Performance of Full-Season Late Maturity Group IV Entries at Painter, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
DeltaKing	DKXTJ749	RR	4.6	46	9	3.3	3010	50.1
USG	7489RR	RR	4.5	48	11	2.5	2833	47.9
Asgrow	AG4703	RR	3.9	42	4	3.0	3218	47.7
USG	7495nRS	RR/STS	4.0	45	8	2.3	2931	46.9
Public	UA4805		4.3	37	3	2.3	3222	46.9
Dyna-Gro	38T47	RR	4.1	45	11	3.8	2932	46.5
Asgrow	AG4903	RR/STS	3.9	44	4	2.5	3035	45.7
D&PL	DPX4919RR/S	RR/STS	3.5	50	2	2.0	2869	45.6
S.States	RT4996N	RR/STS	3.8	45	10	2.3	2921	45.2
Vigoro	V49N6RR	RR	4.4	46	19	3.3	2942	45.1
DeltaKing	DK4866RR	RR/STS	4.3	42	8	2.0	3208	44.7
USG	74A91	RR	4.0	44	4	2.3	3244	44.0
NK	S49-Q9	RR	4.1	44	11	2.8	3881	43.8
USG	74T85	RR	4.5	43	6	2.5	3172	43.6
Stine	4782-4	RR	3.0	36	12	3.5	3050	43.5
USG	74F96	RR	3.5	39	11	3.0	3091	42.8
D&PL	DP4748S	STS	4.4	54	12	2.5	2820	42.5
USG	7475RR	RR	3.3	44	10	3.0	2846	41.8
USG	7494nRR	RR	4.5	42	13	3.3	2979	41.6
D&PL	DP4724RR	RR	4.0	42	2	2.0	2938	41.0
S.States	RT4808N	RR/STS	4.4	42	8	2.0	3052	40.6
Asgrow	AG4801	RR	3.4	39	12	2.8	2877	40.5
Virginia	V01-2275		2.9	37	18	3.0	2960	40.5
S.States	RT4777N	RR	3.5	42	10	2.5	2896	40.3
S.States	RT4981N	RR	4.4	46	15	3.0	3051	40.2
S.States	RT4760N	RR	3.8	49	16	4.0	2915	39.7
Clark	CL49RR	RR	4.3	44	16	3.3	3199	38.3
USG	74A76	RR	3.9	49	12	3.3	2962	38.3
Vigoro	V50N6RR	RR	4.3	45	22	2.5	3110	37.9
Grand Average			4.0	44	10	2.8	3040	43.2
R ²			0.43	0.70	0.61	0.63	0.72	0.35
CV			18.4	7.87	48.6	17.6	5.2	11.7
LSD (0.10)			0.9	4.0	5.8	0.6	185	5.9

Table 6d. 2006 Performance of Full-Season Late Maturity Group IV Entries at Shenandoah Valley, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
S.States	RT4808N	RR/STS	1.3	24	4	1.7	2517	50.1
D&PL	DPX4919RR/S	RR/STS	1.7	30	1	1.3	2806	49.6
S.States	RT4760N	RR	1.7	27	3	1.0	2783	49.4
S.States	RT4996N	RR/STS	1.8	30	2	1.0	2267	48.6
Stine	4782-4	RR	1.2	24	7	2.0	2751	48.2
S.States	RT4981N	RR	1.5	28	6	1.7	2875	47.5
D&PL	DP4724RR	RR	1.2	25	1	1.3	2842	37.8
S.States	RT4777N	RR	1.2	26	1	1.7	2726	32.7
D&PL	DP4748S	STS						
Grand Average			1.4	27	3	1.5	2696	45.5
R ²			0.55	0.61	0.78	0.50	0.71	0.45
CV			20.1	10.4	49.1	31.7	7.2	25.9
LSD (0.10)			1.9	3.8	2.2	0.7	279	17.0

Table 6e. 2006 Performance of Full-Season Late Maturity Group IV Entries at Suffolk, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Maturity Date</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
USG	74A91	RR	14-oct-06	1.9	39	0	1.8	3445	46.6
USG	7495nRS	RR/STS	16-oct-06	2.3	42	1	1.8	3248	46.6
S.States	RT4777N	RR	16-oct-06	2.3	40	1	2.0	3225	44.4
Clark	CL49RR	RR	16-oct-06	1.9	43	2	2.3	3188	43.9
Asgrow	AG4801	RR	10-oct-06	1.3	36	2	2.5	3201	41.8
Vigoro	V50N6RR	RR	16-oct-06	2.0	42	2	2.0	3258	41.2
USG	7494nRR	RR	10-oct-06	3.0	39	2	2.0	3490	40.6
D&PL	DP4724RR	RR	09-oct-06	2.9	35	0	1.3	3182	40.5
Pioneer	94B73	RR	09-oct-06	2.8	35	3	1.5	3585	40.5
Stine	4782-4	RR	14-oct-06	1.0	29	1	2.0	3170	40.2
DeltaKing	DKXTJ749	RR	16-oct-06	2.4	39	1	3.0	3408	40.2
S.States	RT4981N	RR	16-oct-06	1.6	44	3	2.0	3218	40.1
USG	74T85	RR	14-oct-06	2.0	39	2	1.5	3343	39.7
S.States	RT4808N	RR/STS	10-oct-06	2.1	35	1	1.8	3305	39.6
Asgrow	AG4903	RR/STS	16-oct-06	1.4	35	1	2.0	3267	39.4
DeltaKing	DK4866RR	RR/STS	14-oct-06	1.9	35	2	2.0	3470	39.1
NK	S49-Q9	RR	16-oct-06	1.9	39	1	2.0	4042	38.9
S.States	RT4996N	RR/STS	16-oct-06	1.9	40	2	1.5	3240	38.7
USG	74F96	RR	16-oct-06	1.4	37	1	2.5	3195	38.5
USG	74A76	RR	09-oct-06	3.3	43	1	2.3	3332	37.6
Vigoro	V49N6RR	RR	16-oct-06	2.3	40	2	2.5	3247	37.5
D&PL	DP4748S	STS	09-oct-06	2.5	44	3	2.0	3216	37.4
S.States	RT4760N	RR	09-oct-06	3.1	41	1	2.0	3234	37.0
D&PL	DPX4919RR/S	RR/STS	09-oct-06	2.4	45	1	2.0	3357	35.6
Public	UA4805		16-oct-06	1.4	25	1	1.8	3603	35.4
Dyna-Gro	38T47	RR	09-oct-06	1.8	35	1	2.0	3478	35.2
USG	7489RR	RR	16-oct-06	2.3	41	1	2.0	3252	35.1
USG	7475RR	RR	12-oct-06	1.9	35	2	3.0	3184	34.4
Virginia	V01-2275		14-oct-06	1.0	30	1	2.5	3070	32.1
Pioneer	94M80	RR	10-oct-06	2.8	37	1	2.0	3211	31.9
Grand Average			13-Oct-06	2.1	38	1	2.0	3322	39.0
R ²			0.75	0.79	0.82	0.41	0.61	0.73	0.48
CV			0.1	19.2	7.2	106	18.2	4.0	12.9
LSD (0.10)			2.4	0.5	3.2	1.7	0.4	156	6.0

Table 6f. 2006 Performance of Full-Season Late Maturity Group IV Entries at Warsaw, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Maturity Date</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
S.States	RT4808N	RR/STS	17-oct-06	1.8	31	2	1.6	2818	52.5
Asgrow	AG4903	RR/STS	20-oct-06	1.8	32	1	1.5	2643	51.9
Stine	4782-4	RR	17-oct-06	1.1	27	2	1.7	2661	51.9
USG	7495nRS	RR/STS	23-oct-06	2.3	34	1	1.8	2578	50.9
USG	74F96	RR	21-oct-06	1.7	32	1	1.7	2796	50.8
S.States	RT4996N	RR/STS	24-oct-06	2.6	36	2	1.8	2482	50.5
DeltaKing	DK4866RR	RR/STS	19-oct-06	1.5	29	3	1.9	2702	49.9
USG	74A76	RR	15-oct-06	1.7	33	2	1.8	2914	48.6
Vigoro	V49N6RR	RR	19-oct-06	2.5	31	1	1.7	2817	48.1
D&PL	DP4748S	STS	17-oct-06	2.4	34	2	1.7	2802	47.9
Asgrow	AG4801	RR	13-oct-06	1.4	29	1	1.6	3020	47.8
USG	74A91	RR	17-oct-06	1.6	29	1	1.7	3053	47.5
D&PL	DPX4919RR/S	RR/STS	16-oct-06	2.5	35	1	1.6	2861	47.3
Dyna-Gro	38T47	RR	13-oct-06	1.5	28	2	1.9	2733	47.0
DeltaKing	DKXTJ749	RR	16-oct-06	1.9	29	0	1.6	3184	46.8
Public	UA4805		20-oct-06	2.1	24	0	1.7	3598	46.6
Vigoro	V50N6RR	RR	21-oct-06	1.7	32	1	2.0	2850	46.6
USG	7494nRR	RR	16-oct-06	2.2	27	2	1.7	2840	46.3
S.States	RT4760N	RR	16-oct-06	1.4	30	3	2.1	2643	46.3
USG	74T85	RR	17-oct-06	1.7	28	3	2.1	3066	46.2
S.States	RT4981N	RR	22-oct-06	1.6	31	2	1.8	2805	46.2
Pioneer	94M80	RR	14-oct-06	1.7	31	3	1.8	2639	45.4
USG	7489RR	RR	19-oct-06	2.1	31	1	1.8	2730	44.4
Asgrow	AG4703	RR	15-oct-06	1.7	27	2	1.7	2940	44.4
Pioneer	94B73	RR	15-oct-06	1.7	30	4	2.2	2814	43.9
S.States	RT4777N	RR	15-oct-06	1.7	28	3	1.6	2817	43.3
D&PL	DP4724RR	RR	15-oct-06	1.3	25	2	1.6	2650	42.3
USG	7475RR	RR	14-oct-06	1.4	31	1	1.8	2923	42.2
Virginia	V01-2275		14-oct-06	1.3	27	3	2.1	3086	38.9
Grand Average			17-Oct-06	1.8	30	2	1.8	2844	47.0
R ²			0.88	0.65	0.68	0.45	0.51	0.79	0.69
CV			0.1	24.8	10.7	92.9	14.1	5.3	8.8
LSD (0.10)			1.5	0.5	3.8	1.9	0.3	177	4.9

Table 7a. 2006 Performance of Double-Crop Late Maturity Group IV Entries at Blackstone, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
S.States	RT4996N	RR/STS	1.7	31	1	1.3	2640	51.8
S.States	RT4808N	RR/STS	1.7	28	7	1.7	2720	50.1
Stine	4782-4	RR	1.8	29	8	2.0	2704	47.6
D&PL	DPX4919RR/S	RR/STS	2.0	31	1	2.0	3092	41.9
S.States	RT4981N	RR	1.5	32	1	2.0	2827	40.7
Virginia	V01-2275		1.8	27	10	2.7	2698	40.3
D&PL	DP4724RR	RR	2.0	30	1	2.3	2660	40.1
D&PL	DP4748S	STS	1.5	32	2	2.0	2886	39.3
Vigoro	V50N6RR	RR	1.7	32	5	2.0	2907	39.2
Grand Average			1.7	30	4	2.0	2793	43.5
R ²			0.78	0.56	0.60	0.59	0.78	0.68
CV			31.7	12.2	93.4	19.5	3.7	10.2
LSD (0.10)			0.8	5.3	5.5	0.6	148	6.3

Table 7b. 2006 Performance of Double-Crop Late Maturity Group IV Entries at Orange, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
D&PL	DPX4919RR/S	RR/STS	1.5	25	0	1.3	2955	31.0
Pioneer	94M80	RR	1.5	22	1	1.7	2897	30.8
S.States	RT4760N	RR	1.3	23	3	1.3	2926	30.5
Pioneer	94B73	RR	1.2	21	0	1.3	2757	30.2
D&PL	DP4724RR	RR	1.2	18	0	2.0	2719	28.5
Stine	4782-4	RR	1.0	20	2	1.0	2792	27.7
S.States	RT4996N	RR/STS	1.3	22	1	1.3	3101	27.7
Vigoro	V49N6RR	RR	1.5	24	0	1.3	3151	26.3
S.States	RT4808N	RR/STS	1.0	21	0	2.0	2749	26.2
S.States	RT4777N	RR	1.3	22	1	1.0	2938	25.6
S.States	RT4981N	RR	1.3	24	0	1.0	3332	22.9
Grand Average			1.3	22	1	1.4	2938	28.0
R ²			0.40	0.64	0.51	0.55	0.87	0.64
CV			23.3	8.2	168	30.3	3.1	9.6
LSD (0.10)			0.4	2.5	1.9	0.6	129	3.8

Table 7c. 2006 Performance of Double-Crop Late Maturity Group IV Entries at Painter, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
USG	7495nRS	RR/STS	1.5	27	0	1.0	2770	44.9
D&PL	DP4748S	STS	1.8	29	0	1.0	2734	42.3
USG	74A76	RR	1.5	27	0	2.0	2853	39.5
USG	7489RR	RR	1.5	23	0	1.0	2778	39.4
Vigoro	V49N6RR	RR	1.5	25	0	2.0	2729	37.9
USG	74T85	RR	1.5	23	0	1.0	3005	37.7
Stine	4782-4	RR	1.5	21	0	1.8	2791	37.6
USG	7494nRR	RR	1.5	23	1	1.0	2709	37.1
D&PL	DPX4919RR/S	RR/STS	1.5	27	1	1.0	2889	37.0
Dyna-Gro	38T47	RR	1.5	24	1	2.0	2760	35.9
USG	74F96	RR	1.5	23	0	1.3	2968	35.2
D&PL	DP4724RR	RR	1.5	23	1	1.3	2819	34.1
USG	74A91	RR	1.5	26	0	1.0	2965	33.9
S.States	RT4808N	RR/STS	1.5	22	0	1.3	2770	32.9
USG	7475RR	RR	1.5	26	0	1.8	3033	32.6
Vigoro	V50N6RR	RR	1.5	24	0	1.5	2946	31.7
S.States	RT4981N	RR	1.5	28	0	2.0	3011	30.0
Virginia	V01-2275		1.5	23	1	1.0	3059	28.4
Grand Average			1.5	24	0	1.4	2866	36.0
R ²			0.28	0.66	0.19	0.67	0.81	0.70
CV			7.8	8.1	242	25.3	2.5	8.8
LSD (0.10)			0.1	2.4	0.8	0.4	83	3.8

Table 7d. 2006 Performance of Double-Crop Late Maturity Group IV Entries at Suffolk, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Maturity Date</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
USG	74A91	RR	04-nov-06	1.3	27	1	1.8	2686	44.5
USG	7495nRS	RR/STS	04-nov-06	1.3	25	1	1.3	2486	44.2
S.States	RT4996N	RR/STS	09-nov-06	1.4	24	1	1.0	2519	41.0
USG	7489RR	RR	30-oct-06	1.4	27	2	2.0	2472	40.7
D&PL	DPX4919RR/S	RR/STS	30-oct-06	1.4	26	1	2.0	2572	40.6
S.States	RT4981N	RR	09-nov-06	1.1	27	1	1.0	2605	40.3
Vigoro	V49N6RR	RR	04-nov-06	1.1	25	2	1.3	2533	39.6
S.States	RT4808N	RR/STS	30-oct-06	1.1	24	1	2.0	2482	38.4
USG	74F96	RR	06-nov-06	1.1	26	0	1.0	2543	38.0
D&PL	DP4748S	STS	30-oct-06	1.4	28	4	2.0	2366	36.8
USG	74T85	RR	30-oct-06	1.1	24	2	1.8	2615	36.2
Vigoro	V50N6RR	RR	04-nov-06	1.1	27	1	1.0	2704	36.0
Dyna-Gro	38T47	RR	01-nov-06	1.1	24	3	1.8	2424	35.0
S.States	RT4760N	RR	01-nov-06	1.4	26	4	2.0	2517	34.8
Pioneer	94M80	RR	30-oct-06	1.3	26	2	2.3	2329	34.8
USG	74A76	RR	30-oct-06	1.3	24	1	2.3	2540	33.8
Stine	4782-4	RR	04-nov-06	1.3	21	2	1.5	2520	33.6
USG	7494nRR	RR	30-oct-06	1.1	24	1	2.0	2416	33.0
S.States	RT4777N	RR	30-oct-06	1.1	26	2	2.3	2484	32.6
Pioneer	94B73	RR	30-oct-06	1.3	24	6	1.8	2508	32.6
Virginia	V01-2275		04-nov-06	1.0	24	3	2.5	2700	31.2
D&PL	DP4724RR	RR	30-oct-06	1.1	19	2	1.8	2614	27.4
Grand Average			01-Nov-06	1.2	25	2	1.8	2540	36.6
R ²			0.60	0.20	0.49	0.52	0.66	0.51	0.66
CV			0.1	21.5	10.0	98.1	22.4	4.5	10.1
LSD (0.10)			4.0	0.3	2.9	2.3	0.5	137	4.5

Table 7e. 2006 Performance of Double-Crop Late Maturity Group IV Entries at Warsaw, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Maturity Date</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
S.States	RT4760N	RR	28-oct-06	1.7	27	2	1.8	2639	52.6
USG	74A76	RR	20-oct-06	1.6	26	2	1.8	2615	51.8
D&PL	DP4748S	STS	29-oct-06	2.0	31	3	2.1	2472	49.6
USG	7495nRS	RR/STS	02-nov-06	2.0	29	1	1.7	2597	49.0
Pioneer	94M80	RR	28-oct-06	1.7	30	3	2.0	2556	48.8
S.States	RT4996N	RR/STS	02-nov-06	1.9	30	0	1.6	2537	48.7
D&PL	DPX4919RR/S	RR/STS	28-oct-06	2.0	31	1	1.8	2573	48.5
Stine	4782-4	RR	02-nov-06	1.3	22	3	1.7	2528	48.3
S.States	RT4777N	RR	29-oct-06	1.4	27	1	1.8	2607	48.1
Vigoro	V49N6RR	RR	01-nov-06	1.6	27	1	1.8	2572	47.1
USG	7494nRR	RR	28-oct-06	1.8	25	0	1.9	2546	46.7
Vigoro	V50N6RR	RR	01-nov-06	1.8	31	0	1.6	2761	46.2
USG	74F96	RR	02-nov-06	1.5	30	0	1.4	2747	46.2
USG	7489RR	RR	30-oct-06	1.7	27	1	1.8	2692	45.8
D&PL	DP4724RR	RR	27-oct-06	1.3	24	1	1.7	2608	45.7
USG	74A91	RR	31-oct-06	1.5	27	0	1.7	2757	45.5
S.States	RT4981N	RR	02-nov-06	1.8	31	0	1.7	2829	45.4
S.States	RT4808N	RR/STS	30-oct-06	1.4	25	1	1.8	2692	45.2
Dyna-Gro	38T47	RR	27-oct-06	1.5	25	3	2.0	2605	44.3
Pioneer	94B73	RR	27-oct-06	1.2	23	1	2.0	2725	43.4
Virginia	V01-2275		28-oct-06	1.6	27	1	1.8	2968	43.2
USG	74T85	RR	28-oct-06	1.6	26	2	2.0	2983	42.4
USG	7475RR	RR	27-oct-06	1.4	27	1	1.7	2851	37.8
Grand Average			29-Oct-06	1.6	27	1	1.8	2672	46.5
R ²			0.54	0.70	0.79	0.43	0.47	0.82	0.75
CV			0.1	10.9	5.7	111	12.1	2.7	4.7
LSD (0.10)			3.9	0.2	1.8	1.5	0.3	87	2.6

Table 8a. 2006 Performance of Full-Season Maturity Group V Entries at Blackstone, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
NK	XR5862	RR	4.0	45	0	1.0	2572	58.8
Asgrow	AG5605	RR/STS	3.3	34	1	1.7	3449	58.0
D&PL	DPX5914RR	RR	3.2	38	2	1.0	2792	56.6
Asgrow	AG5905	RR	2.7	45	3	1.7	3156	54.5
D&PL	DP5634RR	RR	3.7	39	3	1.7	2654	54.1
Pioneer	95M82	RR	2.8	40	0	1.0	2769	53.5
Virginia	V01-0582	RR	2.5	36	5	2.0	2588	50.0
DeltaKing	DKXTJ753	RR	3.5	37	1	1.7	2331	49.9
Virginia	V98-2711		2.2	31	4	2.7	3377	49.8
D&PL	DP5915RR	RR	3.7	38	2	1.0	2861	49.0
NK	XR5563	RR	2.3	41	4	2.0	2620	48.7
Dyna-Gro	33B52	RR	3.3	34	4	2.0	2928	48.0
Public	Teejay		1.9	34	6	2.3	2688	47.9
Asgrow	AG5702	RR	2.3	34	2	1.3	2886	47.4
Public	Stoddard		2.3	30	6	3.0	3104	47.2
S.States	RT5160N	RR/STS	2.3	34	5	1.3	3023	47.1
NK	S56-D7	RR	3.3	39	4	2.0	2538	46.6
NK	S53-A1	RR	3.2	34	4	2.0	2468	45.5
S.States	RT5540N	RR	3.3	40	2	1.7	3014	45.2
D&PL	DP5414RR	RR	3.5	43	1	2.0	2973	43.9
S.States	RT5450N	RR/STS	2.5	38	2	2.7	2630	43.7
Pioneer	95M50	RR/STS	2.5	37	2	2.7	2863	43.6
Virginia	V98-9005		2.3	27	1	2.3	2542	43.0
USG	5601T		1.3	35	7	2.3	3141	42.9
Public	Hutcheson		3.3	31	2	1.7	3125	42.6
Virginia	V01-1782	RR	2.0	32	1	2.0	3160	42.4
Public	Ozark		3.0	30	1	2.3	2835	40.2
S.States	RT5130N	RR	3.3	35	2	2.7	2572	39.9
D&PL	DPX5115RR/S	RR/STS	2.0	42	5	1.7	3058	38.6
Virginia	V01-1693	RR	2.7	30	0	1.0	4092	37.8
DeltaKing	DK5066RR	RR/STS	2.5	37	5	2.3	2879	37.6
D&PL	DP5110S	STS	2.3	45	0	2.0	3215	37.2
Grand Average			2.8	36	3	1.9	2903	46.6
R ²			0.63	0.84	0.55	0.69	0.95	0.71
CV			27.1	6.9	82.8	24.2	3.3	10.4
LSD (0.10)			1.0	3.5	3.2	0.6	132	6.7

Table 8b. 2006 Performance of Full-Season Maturity Group V Entries at Orange, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
D&PL	DPX5115RR/S	RR/STS	3.8	55	2	1.0	2650	63.5
Virginia	V98-9005		4.7	41	0	1.5	2397	61.1
Virginia	V01-1782	RR	4.8	38	2	1.0	2701	59.9
Public	Teejay		4.5	37	5	1.0	2402	58.8
D&PL	DP5110S	STS	4.7	52	2	1.0	2660	56.2
Virginia	V98-2711		3.8	35	1	1.0	2539	55.4
Virginia	V01-1693	RR	4.0	38	1	1.0	3247	55.3
Public	Hutcheson		4.5	38	2	1.0	2574	53.9
S.States	RT5160N	RR/STS	4.5	39	3	1.0	2675	52.8
USG	5601T		4.5	39	2	1.0	2633	52.2
D&PL	DP5414RR	RR	5.0	45	1	1.0	2611	50.8
Asgrow	AG5301	RR	4.7	41	0	1.0	2841	48.5
S.States	RT5130N	RR	4.8	43	1	1.0	2418	47.8
Asgrow	AG5605	RR/STS	4.8	41	1	1.0	3343	46.9
Virginia	V01-0582	RR	3.8	40	1	1.0	2591	41.3
Public	Ozark		5.0	37	2	1.7	2697	40.1
Public	Stoddard		4.8	37	2	1.3	2714	39.1
Grand Average			4.5	41	2	1.1	2681	52.0
R ²			0.61	0.60	0.51	0.54	0.76	0.47
CV			8.8	12.7	108	25.0	6.3	20.5
LSD (0.10)			0.6	7.2	2.9	0.4	233	14.8

Table 8c. 2006 Performance of Full-Season Maturity Group V Entries at Painter, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Maturity Date</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
Asgrow	AG5605	RR/STS	28-oct-06	4.1	42	7	2.0	3376	51.6
NK	S56-D7	RR	30-oct-06	4.9	48	10	2.8	2462	48.7
NK	XR5862	RR	27-oct-06	3.8	44	5	1.0	2405	48.2
Vigoro	V53N7RR	RR	27-oct-06	3.6	39	18	1.5	2487	48.1
Virginia	V98-9005		25-oct-06	4.3	41	4	1.5	2569	48.0
Public	Md99-6226		24-oct-06	4.5	38	10	2.3	2727	47.3
USG	5601T		25-oct-06	3.6	43	22	2.3	2972	47.1
USG	ALLEN	RR	30-oct-06	3.8	45	13	1.3	2687	46.8
D&PL	DPX5914RR	RR	25-oct-06	4.1	46	12	1.8	2610	46.7
Virginia	V98-2711		24-oct-06	5.0	40	14	2.3	2937	46.6
Asgrow	AG5905	RR	28-oct-06	4.4	52	10	2.0	2874	46.6
DeltaKing	DKXTJ753	RR	23-oct-06	4.8	53	10	2.3	2436	46.1
USG	7553nRS	RR/STS	25-oct-06	4.0	41	11	2.0	3262	45.9
Public	Stoddard		24-oct-06	4.6	43	11	2.5	2939	45.7
S.States	RT5160N	RR/STS	25-oct-06	3.9	45	23	2.0	2862	45.5
USG	56124	RR	27-oct-06	2.9	47	9	1.3	2838	45.3
Public	Ozark		23-oct-06	4.6	44	10	2.0	2484	45.2
D&PL	DP5110S	STS	22-oct-06	4.6	50	14	1.0	2853	44.6
Virginia	V01-0582	RR	27-oct-06	4.4	39	12	2.0	2516	44.1
USG	75M74	RR	25-oct-06	4.5	45	7	1.8	2556	43.9
USG	7515nRS	RR/STS	22-oct-06	4.5	46	16	2.0	3094	43.8
D&PL	DP5634RR	RR	28-oct-06	4.5	50	7	1.8	2391	43.5
S.States	RT5450N	RR/STS	25-oct-06	4.4	44	20	2.0	2377	43.4
D&PL	DP5915RR	RR	30-oct-06	4.6	49	11	1.5	2828	43.3
Vigoro	V51N7RS	RR/STS	22-oct-06	3.0	43	23	2.3	2858	43.2
Asgrow	AG5301	RR	23-oct-06	3.3	44	20	2.5	2899	43.1
Public	Hutcheson		24-oct-06	4.9	38	13	1.5	2960	42.9
S.States	RT5130N	RR	23-oct-06	4.4	48	17	3.0	2167	42.8
S.States	RT5540N	RR	24-oct-06	4.1	49	19	2.0	2855	42.4
D&PL	DP5414RR	RR	25-oct-06	4.3	47	6	1.8	2405	42.4

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Maturity Date</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
DeltaKing	DK5066RR	RR/STS	23-oct-06	3.8	43	21	2.5	2956	42.2
Public	Teejay		24-oct-06	4.0	40	20	2.0	2598	42.1
USG	56293	RR	30-oct-06	4.4	44	15	1.3	2781	42.0
USG	75M16	RR	22-oct-06	3.5	44	24	2.3	2938	41.9
USG	56379	RR	28-oct-06	4.3	45	4	1.3	2935	41.6
NK	S53-A1	RR	25-oct-06	4.8	46	7	2.3	2537	41.6
Virginia	V01-1693	RR	24-oct-06	4.5	48	18	2.0	3130	41.3
Virginia	V01-1782	RR	24-oct-06	5.0	38	18	2.0	2871	41.2
Asgrow	AG5702	RR	24-oct-06	3.0	41	11	1.8	2699	41.0
USG	7505nRR	RR	20-oct-06	3.9	44	29	3.3	3068	40.8
D&PL	DPX5115RR/S	RR/STS	22-oct-06	4.4	47	12	1.8	2822	40.0
NK	XR5563	RR	27-oct-06	3.8	46	10	2.0	2604	37.4
Grand Average			25-Oct-06	4.2	44	14	1.9	2753	44.2
R ²			0.49	0.41	0.53	0.60	0.61	0.80	0.36
CV			0.1	19.4	10.0	42.1	23.3	5.4	10.6
LSD (0.10)			3.5	1.0	5.3	6.9	0.6	179	5.6

Table 8d. 2006 Performance of Full-Season Maturity Group V Entries at Suffolk, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Maturity Date</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
USG	7553nRS	RR/STS	28-oct-06	1.4	32	1	2.0	3600	62.1
Pioneer	95M82	RR	03-nov-06	1.5	30	1	1.5	2897	57.1
USG	56124	RR	29-oct-06	2.0	35	1	1.3	3069	56.5
USG	56379	RR	06-nov-06	1.8	30	2	1.3	3167	56.2
USG	7515nRS	RR/STS	25-oct-06	2.8	36	2	2.0	2951	55.9
Public	Teejay		25-oct-06	1.8	27	6	2.5	2511	55.8
S.States	RT5160N	RR/STS	25-oct-06	1.6	35	4	2.5	3050	55.4
Public	Ozark		25-oct-06	2.1	27	1	2.3	2749	55.3
Asgrow	AG5905	RR	06-nov-06	1.8	37	4	2.0	2991	55.1
S.States	RT5540N	RR	25-oct-06	2.0	38	5	2.3	3020	54.7
Virginia	V98-2711		25-oct-06	1.4	24	2	2.5	3164	54.4
USG	ALLEN	RR	06-nov-06	1.5	31	1	1.8	2909	54.0
Vigoro	V51N7RS	RR/STS	25-oct-06	1.9	32	3	2.0	3148	53.9
NK	S53-A1	RR	25-oct-06	2.4	31	2	2.0	2625	53.4
NK	XR5563	RR	03-nov-06	2.0	38	3	2.3	2678	53.3
DeltaKing	DK5066RR	RR/STS	25-oct-06	1.9	35	2	2.0	2925	53.3
Public	Md99-6226		25-oct-06	1.3	25	2	2.3	2851	53.1
DeltaKing	DKXTJ753	RR	28-oct-06	2.8	30	1	1.8	2500	52.9
USG	5601T		03-nov-06	1.5	31	4	1.8	3137	52.6
NK	XR5862	RR	03-nov-06	2.8	35	1	1.8	2710	51.9
Public	Hutcheson		25-oct-06	1.8	29	2	2.8	2924	51.6
S.States	RT5450N	RR/STS	28-oct-06	1.8	32	2	1.8	2486	51.2
Virginia	V98-9005		25-oct-06	1.9	28	0	1.8	2553	51.2
Virginia	V01-0582	RR	31-oct-06	1.3	30	1	2.5	2519	51.1
D&PL	DP5634RR	RR	31-oct-06	2.1	35	1	1.8	2710	51.0
Virginia	V01-1782	RR	25-oct-06	1.5	28	3	1.8	3035	50.1
Dyna-Gro	33B52	RR	28-oct-06	3.1	33	4	2.5	2825	50.1
D&PL	DPX5914RR	RR	28-oct-06	1.4	31	1	1.5	2916	49.2
D&PL	DP5915RR	RR	06-nov-06	2.0	31	2	2.0	2785	49.1
D&PL	DPX5115RR/S	RR/STS	25-oct-06	1.5	37	1	1.5	3072	48.8

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Maturity Date</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
Public	Stoddard		25-oct-06	1.9	25	1	2.3	3050	48.6
USG	75M16	RR	25-oct-06	1.4	26	3	2.3	3040	48.3
USG	7505nRR	RR	23-oct-06	2.1	36	4	2.5	3043	48.2
Pioneer	95M50	RR/STS	28-oct-06	1.6	27	1	2.8	2667	48.0
Asgrow	AG5702	RR	28-oct-06	1.5	34	1	1.8	2705	47.5
Vigoro	V53N7RR	RR	28-oct-06	1.1	31	5	1.8	2714	47.0
USG	75M74	RR	25-oct-06	1.8	25	0	1.8	2905	46.9
D&PL	DP5414RR	RR	25-oct-06	2.4	37	1	1.0	2918	46.4
Asgrow	AG5605	RR/STS	06-nov-06	1.8	31	2	1.8	3574	46.3
Virginia	V01-1693	RR	25-oct-06	1.3	26	2	1.0	3520	45.3
USG	56293	RR	03-nov-06	2.1	34	3	1.5	3055	45.2
S.States	RT5130N	RR	25-oct-06	1.6	28	1	3.0	2555	44.2
D&PL	DP5110S	STS	25-oct-06	2.3	37	3	1.0	3073	42.8
NK	S56-D7	RR	03-nov-06	3.6	35	1	2.5	2641	40.9
Grand Average			28-Oct-06	1.9	31	2	2.0	2908	51.0
R ²			0.63	0.56	0.79	0.69	0.61	0.88	0.32
CV			0.1	33.6	10.2	105	24.6	4.1	15.7
LSD (0.10)			4.8	0.74	3.8	2.4	0.6	139	9.4

Table 8e. 2006 Performance of Full-Season Maturity Group V Entries at Warsaw, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Maturity Date</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
USG	5601T		29-oct-06	2.3	35	2	1.6	3311	55.6
USG	7553nRS	RR/STS	28-oct-06	2.0	30	0	1.6	3820	54.8
Virginia	V98-2711		25-oct-06	3.0	26	1	1.5	3287	54.7
USG	56124	RR	03-nov-06	2.4	38	0	1.4	3253	54.5
Asgrow	AG5605	RR/STS	30-oct-06	2.7	33	0	1.5	3725	53.7
USG	56293	RR	02-nov-06	2.9	37	1	1.7	3206	53.6
USG	56379	RR	03-nov-06	2.4	35	0	1.5	3266	53.5
USG	ALLEN	RR	01-nov-06	2.2	37	1	1.7	3168	53.4
USG	7515nRS	RR/STS	26-oct-06	2.7	34	1	1.8	2661	53.2
USG	75M16	RR	26-oct-06	2.7	34	1	1.6	3117	53.2
Dyna-Gro	33B52	RR	29-oct-06	4.2	34	1	1.4	3205	52.8
D&PL	DP5110S	STS	25-oct-06	2.8	39	1	1.7	3111	52.7
Pioneer	95M50	RR/STS	30-oct-06	3.3	34	2	1.7	2659	51.6
Vigoro	V51N7RS	RR/STS	26-oct-06	2.5	33	1	1.6	3175	51.5
D&PL	DPX5115RR/S	RR/STS	25-oct-06	2.0	36	1	1.6	3075	50.7
Public	Md99-6226		24-oct-06	1.9	28	0	1.4	3074	50.4
Pioneer	95M82	RR	02-nov-06	2.9	35	0	1.7	2891	50.2
D&PL	DP5915RR	RR	02-nov-06	2.8	33	1	2.0	2999	49.9
Vigoro	V53N7RR	RR	29-oct-06	1.4	28	1	1.7	2764	49.9
D&PL	DP5634RR	RR	30-oct-06	3.7	37	1	1.6	2726	49.8
USG	75M74	RR	29-oct-06	2.9	33	0	1.5	2977	49.4
Asgrow	AG5301	RR	27-oct-06	2.2	36	1	1.4	3308	49.2
Virginia	V98-9005		25-oct-06	3.2	30	0	1.5	2860	49.1
D&PL	DPX5914RR	RR	30-oct-06	2.0	31	0	1.4	3038	49.0
S.States	RT5540N	RR	28-oct-06	2.8	38	1	1.5	3141	49.0
Virginia	V01-1782	RR	25-oct-06	1.7	27	1	1.4	3192	49.0
S.States	RT5160N	RR/STS	27-oct-06	3.1	33	1	1.7	3110	48.5
S.States	RT5130N	RR	26-oct-06	3.1	34	1	1.6	2658	48.1
S.States	RT5450N	RR/STS	31-oct-06	2.1	32	1	2.1	2451	47.9
Virginia	V01-1693	RR	27-oct-06	1.7	25	1	1.6	3550	47.1

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Maturity Date</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
Public	Ozark		26-oct-06	2.9	31	0	1.4	2897	46.7
Virginia	V01-0582	RR	29-oct-06	2.2	30	1	1.5	2946	46.7
Public	Hutcheson		26-oct-06	2.5	28	1	1.5	3108	46.4
USG	7505nRR	RR	23-oct-06	2.5	33	2	2.0	2960	46.2
Public	Stoddard		25-oct-06	2.8	26	1	1.6	3399	45.5
D&PL	DP5414RR	RR	27-oct-06	2.7	33	0	1.7	2885	44.3
Public	Teejay		24-oct-06	2.0	27	1	2.0	2799	44.1
Grand Average			28-Oct-06	2.6	32	1	1.6	3075	50.1
R ²			0.84	0.53	0.72	0.38	0.49	0.90	0.43
CV			0.1	25.5	9.1	118	13.4	3.8	10.0
LSD (0.10)			1.9	0.8	4.1	0.9	0.3	141	6.0

Table 9a. 2006 Performance of Double-Crop Maturity Group V Entries at Blackstone, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
D&PL	DP5634RR	RR	3.7	36	1	1.0	2654	50.9
Dyna-Gro	33B52	RR	2.8	30	1	1.0	2954	49.5
Virginia	V01-1693	RR	2.2	23	6	1.0	3018	48.4
NK	XR5563	RR	2.7	34	2	1.0	2628	48.0
D&PL	DP5915RR	RR	3.2	36	1	1.0	2897	46.6
Pioneer	95M82	RR	3.5	35	1	1.0	2741	46.4
Public	Stoddard		1.5	22	3	1.3	2743	45.9
Vigoro	V51N6RR	RR	2.5	27	8	1.0	2842	45.5
Asgrow	AG5605	RR	4.0	29	2	1.0	3173	44.7
D&PL	DPX5914RR	RR	1.7	27	1	1.0	2839	44.1
D&PL	DP5414RR	RR	4.0	38	0	1.0	2609	43.9
Virginia	V98-9005		3.5	30	0	2.0	2405	43.7
Public	Teejay		2.5	28	10	2.0	2375	43.7
Stine	5502-4	RR	2.0	28	4	1.0	2818	43.3
NK	XR5862	RR	3.3	34	0	1.0	2805	42.9
Virginia	V98-2711		3.2	28	2	1.0	2940	42.8
S.States	RT5450N	RR/STS	1.8	28	3	1.7	2540	42.7
D&PL	DP5110S	STS	1.7	35	2	1.0	3060	42.6
S.States	RT5160N	RR/STS	2.8	32	8	1.3	2805	42.5
D&PL	DPX5115RR/S	RR/STS	1.8	31	2	2.0	2860	42.4
Virginia	V01-0582	RR	3.3	31	8	1.0	2532	42.2
S.States	RT5540N	RR	2.2	35	4	1.0	2739	41.8
Stine	5322-4	RR	1.7	28	8	1.7	2584	41.2
NK	S56-D7	RR	4.5	35	3	1.0	2509	41.1
Public	Hutcheson		2.5	28	5	1.3	2534	40.3
Virginia	V01-1702	RR	2.0	24	5	1.0	2585	40.0
Pioneer	95M50	RR/STS	1.5	28	2	1.0	2484	40.0
S.States	RT5130N	RR	2.8	32	2	1.7	2504	39.3
Grand Average			2.7	30	3	1.2	2721	43.8
R ²			0.63	0.75	0.65	0.64	0.90	0.36
CV			33.6	9.9	77.0	27.0	3.1	11.5
LSD (0.10)			1.2	4.1	3.6	0.4	115	6.9

Table 9b. 2006 Performance of Double-Crop Maturity Group V Entries at Painter, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
USG	5002T		2.5	26	0	1.5	3200	43.6
D&PL	DP5634RR	RR	2.6	32	2	1.5	3104	40.4
Virginia	V01-0582	RR	2.1	26	1	1.5	3157	40.4
NK	XR5862	RR	2.4	35	0	1.8	3291	40.2
USG	7515nRS	RR/STS	2.0	27	0	1.5	2877	40.2
Virginia	V98-2711		2.9	25	0	1.3	3221	39.1
Asgrow	AG5605	RR	2.3	27	0	1.8	3798	39.0
USG	7505nRR	RR	1.9	27	1	2.0	2721	38.7
USG	550nSTS	STS	2.6	30	0	1.5	3263	38.6
Virginia	V98-9005		2.8	26	0	1.3	2777	38.6
NK	S56-D7	RR	2.8	30	0	1.8	3096	38.5
NK	XR5563	RR	2.0	33	0	2.0	3125	38.5
S.States	RT5540N	RR	2.3	31	0	1.3	3264	38.1
S.States	RT5130N	RR	1.9	28	0	2.0	2772	37.9
Vigoro	V51N7RS	RR/STS	1.9	29	1	2.0	3338	37.8
S.States	RT5160N	RR/STS	1.9	29	0	1.5	3320	37.7
Maryland	Md99-6226		2.0	25	0	1.8	2914	37.5
Dyna-Gro	33B52	RR	2.8	26	0	1.3	3430	37.3
D&PL	DP5414RR	RR	2.4	31	0	1.3	3145	37.1
D&PL	DP5110S	STS	2.4	28	0	1.0	3076	36.7
USG	540nRR	RR	2.0	28	0	1.5	3108	35.8
Public	Stoddard		3.3	24	0	1.5	3336	35.6
S.States	RT5450N	RR/STS	2.1	26	0	1.5	3109	35.4
Vigoro	V51N6RR	RR	2.0	26	0	2.0	3333	35.2
USG	7582nRR	RR	1.9	32	0	1.5	3280	35.0
Public	Teejay		2.6	27	1	1.5	2941	34.9
Stine	5322-4	RR	1.9	24	0	1.5	2946	34.9
Stine	5502-4	RR	1.8	26	0	1.5	3371	34.9
USG	75M16	RR	1.8	30	0	1.8	3301	34.8
Public	Hutcheson		2.8	23	0	1.3	3234	34.7
USG	5601T		2.5	31	1	1.8	3398	34.7

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
D&PL	DPX5115RR/S	RR/STS	1.9	29	1	1.0	3121	34.7
D&PL	DPX5914RR	RR	1.9	27	0	1.0	3092	34.6
Virginia	V01-1702	RR	2.4	24	0	2.0	3235	34.2
Virginia	V01-1693	RR	2.0	26	0	1.5	3549	34.0
USG	ALLEN	RR	2.0	32	0	1.5	3503	33.9
USG	56379	RR	1.8	27	0	1.8	3776	33.8
USG	56293	RR	2.3	31	0	1.8	3735	33.4
USG	56124	RR	2.6	33	0	1.5	3674	32.9
USG	7553nRS	RR/STS	2.1	27	0	1.3	3782	32.8
Vigoro	V53N7RR	RR	1.9	23	0	2.0	2979	32.7
D&PL	DP5915RR	RR	2.8	31	0	1.8	3223	31.9
USG	75M74	RR	2.8	28	0	1.5	3392	31.4
Grand Average			2.3	28	0	1.6	3240	36.3
R ²			0.57	0.64	0.27	0.42	0.92	0.41
CV			17.7	9.3	390	28.5	2.8	10.5
LSD (0.10)			0.47	3.0	0.82	0.5	106	4.5

Table 9c. 2006 Performance of Double-Crop Maturity Group V Entries at Suffolk, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Maturity Date</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
NK	S56-D7	RR	09-nov-06	2.0	30	1	1.0	2534	50.3
USG	75M16	RR	09-nov-06	1.1	29	4	1.0	2456	50.1
NK	XR5862	RR	09-nov-06	1.8	32	0	1.8	2922	49.6
Pioneer	95M82	RR	09-nov-06	1.1	29	1	1.0	2724	49.5
Virginia	V98-2711		04-nov-06	1.4	25	2	1.5	2478	49.4
Asgrow	AG5605	RR	09-nov-06	1.3	28	1	1.0	2890	49.0
Vigoro	V51N7RS	RR/STS	09-nov-06	1.5	26	3	1.3	2541	48.6
USG	7582nRR	RR	09-nov-06	1.0	30	2	1.0	2519	48.1
Dyna-Gro	33B52	RR	06-nov-06	1.4	26	1	1.8	2425	47.6
S.States	RT5540N	RR	09-nov-06	1.8	31	2	1.3	2495	47.0
Virginia	V98-9005		09-nov-06	1.3	24	0	2.0	2228	45.9
Vigoro	V51N6RR	RR	09-nov-06	1.0	23	3	1.3	2325	45.4
USG	7515nRS	RR/STS	09-nov-06	1.3	25	1	1.0	2436	45.3
USG	5601T		06-nov-06	1.9	32	3	1.3	2653	45.2
D&PL	DP5634RR	RR	06-nov-06	1.9	31	0	2.0	2628	45.1
D&PL	DP5110S	STS	30-oct-06	1.3	30	5	1.0	2585	45.0
D&PL	DP5915RR	RR	09-nov-06	1.4	30	2	1.3	2636	44.9
D&PL	DPX5115RR/S	RR/STS	06-nov-06	1.1	29	3	1.8	2470	44.8
NK	XR5563	RR	09-nov-06	1.1	30	1	1.8	2527	44.8
Public	Teejay		06-nov-06	1.0	26	5	1.8	2157	44.6
S.States	RT5450N	RR/STS	06-nov-06	1.3	27	1	1.5	2306	44.6
Pioneer	95M50	RR/STS	09-nov-06	1.4	28	1	2.0	2438	44.5
D&PL	DPX5914RR	RR	09-nov-06	1.0	26	2	1.0	2548	44.5
USG	56379	RR	09-nov-06	1.1	29	0	1.0	2962	44.4
Stine	5502-4	RR	09-nov-06	1.0	25	2	1.0	2679	44.2
USG	7553nRS	RR/STS	09-nov-06	1.1	25	2	1.3	2944	43.9
S.States	RT5160N	RR/STS	09-nov-06	1.1	27	4	1.0	2484	43.7
USG	540nRR	RR	09-nov-06	1.1	28	2	1.5	2464	43.5
D&PL	DP5414RR	RR	09-nov-06	1.5	28	1	1.3	2562	43.1
USG	56293	RR	09-nov-06	1.4	32	1	1.0	2827	43.0

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Maturity Date</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
Public	Stoddard		09-nov-06	1.8	26	1	2.0	2550	43.0
Public	Hutcheson		09-nov-06	1.4	25	2	1.0	2362	42.6
USG	75M74	RR	09-nov-06	1.5	25	1	1.0	2401	42.2
Virginia	V01-0582	RR	09-nov-06	1.3	25	3	1.0	2395	41.8
USG	ALLEN	RR	09-nov-06	1.1	29	2	1.0	2747	41.7
USG	5002T		04-nov-06	1.5	23	2	2.3	2558	40.7
USG	550nSTS	STS	04-nov-06	1.6	30	2	1.8	2567	40.2
USG	7505nRR	RR	01-nov-06	1.0	27	6	1.3	2602	40.0
Maryland	Md99-6226		09-nov-06	1.0	24	3	1.8	2440	39.9
USG	56124	RR	09-nov-06	1.4	31	1	1.0	2962	39.5
S.States	RT5130N	RR	04-nov-06	1.5	27	1	2.3	2150	38.8
Virginia	V01-1702	RR	09-nov-06	1.4	23	5	1.3	2462	38.6
Vigoro	V53N7RR	RR	09-nov-06	1.0	23	5	1.0	2176	37.5
Stine	5322-4	RR	09-nov-06	1.1	24	3	1.0	2602	36.1
Virginia	V01-1693	RR	09-nov-06	1.3	24	3	1.3	2658	36.0
Grand Average			07-Nov-06	1.3	27	2	1.4	2544	44.0
R ²			0.54	0.49	0.54	0.63	0.64	0.85	0.46
CV			0.1	24.5	10.7	120	26.7	3.9	10.8
LSD (0.10)			3.0	0.4	3.4	2.9	0.4	116	5.6

Table 9d. 2006 Performance of Double-Crop Maturity Group V Entries at Warsaw, VA

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Maturity Date</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
D&PL	DP5110S	STS	03-nov-06	1.9	34	1	1.8	2903	45.4
USG	5601T	NONE	07-nov-06	2.3	32	0	1.5	3304	45.2
Maryland	Md99-6226		05-nov-06	1.9	28	1	1.4	3043	44.5
D&PL	DPX5115RR/S	RR/STS	03-nov-06	1.6	31	1	1.8	2936	44.2
USG	7515nRS	RR/STS	04-nov-06	1.9	30	0	1.7	2625	44.0
Stine	5322-4	RR	02-nov-06	1.9	32	0	1.8	2814	43.4
Virginia	V98-9005		04-nov-06	2.5	30	0	1.9	2652	43.2
Public	Teejay		06-nov-06	2.0	31	0	1.9	2949	42.9
Vigoro	V53N7RR	RR	07-nov-06	1.8	29	0	1.7	2794	42.9
USG	7505nRR	RR	02-nov-06	1.7	30	2	2.1	2660	42.9
USG	5002T		03-nov-06	2.5	30	0	1.5	3162	42.8
Virginia	V98-2711		04-nov-06	2.3	28	0	1.4	3322	42.4
Public	Stoddard		05-nov-06	2.5	29	0	1.5	3312	42.2
USG	7553nRS	RR/STS	07-nov-06	2.0	32	0	1.6	3715	41.9
Asgrow	AG5605	RR	07-nov-06	2.3	34	0	1.3	3695	41.1
Virginia	V01-1702	RR	06-nov-06	1.9	29	0	1.6	3197	40.9
S.States	RT5160N	RR/STS	06-nov-06	1.9	33	0	1.5	3170	40.3
S.States	RT5130N	RR	06-nov-06	2.1	31	0	1.5	2468	40.3
Public	Hutcheson		06-nov-06	1.8	30	0	1.4	3245	40.2
USG	75M16	RR	07-nov-06	2.1	32	0	1.6	3213	40.1
Vigoro	V51N7RS	RR/STS	06-nov-06	1.9	31	0	1.4	3222	39.3
Vigoro	V51N6RR	RR	06-nov-06	1.7	30	0	1.6	3156	39.2
USG	550nSTS	STS	03-nov-06	2.3	31	0	2.1	3197	39.1
D&PL	DP5414RR	RR	06-nov-06	2.6	34	0	1.9	3046	38.9
S.States	RT5450N	RR/STS	07-nov-06	1.9	32	0	1.5	2800	38.3
S.States	RT5540N	RR	07-nov-06	2.5	37	0	1.6	3339	38.1
D&PL	DPX5914RR	RR	08-nov-06	2.0	34	0	1.6	3043	38.1
Pioneer	95M50	RR/STS	07-nov-06	2.3	31	0	1.5	3133	37.8
USG	540nRR	RR	06-nov-06	1.8	33	0	1.6	3131	36.7
Virginia	V01-1693	RR	06-nov-06	1.7	28	0	1.4	3575	36.6

<i>Brand</i>	<i>Variety</i>	<i>Herb Resist</i>	<i>Maturity Date</i>	<i>Lodging 1 - 5</i>	<i>Height In.</i>	<i>PSS %</i>	<i>SQ 1-5</i>	<i>SS Seed/Lb</i>	<i>Yield Bu/Ac</i>
USG	7582nRR	RR	08-nov-06	2.4	36	0	1.5	3266	36.6
Pioneer	95M82	RR	09-nov-06	2.4	35	0	1.7	3497	36.5
USG	75M74	RR	06-nov-06	2.3	32	0	1.6	3261	36.4
USG	56379	RR	09-nov-06	2.3	33	0	1.3	3824	35.9
Virginia	V01-0582	RR	07-nov-06	2.1	33	0	1.6	3363	35.7
D&PL	DP5634RR	RR	07-nov-06	2.7	35	0	1.4	3296	35.7
USG	ALLEN	RR	10-nov-06	3.0	35	0	1.4	3804	35.2
USG	56124	RR	09-nov-06	2.8	35	0	1.4	3874	35.1
USG	56293	RR	08-nov-06	2.7	36	0	1.5	3827	34.6
Stine	5502-4	RR	07-nov-06	2.0	31	0	1.5	3601	34.3
D&PL	DP5915RR	RR	09-nov-06	2.7	35	1	1.9	3313	33.9
Grand Average			06-Nov-06	2.1	32	0	1.6	3213	39.6
R ²			0.93	0.72	0.77	0.44	0.68	0.95	0.81
CV			0.1	11.7	4.7	275	9.8	2.9	4.8
LSD (0.10)			0.7	0.3	1.8	0.5	0.2	109	2.2

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