

<b>Location</b>	<b>Eastern Virginia AREC</b>
<b>Soil Type</b>	Kempsville loam
<b>Row Spacing (in.)</b>	22"
<b>Cultivation Type</b>	No Till
<b>Planting Dates</b>	July 5, 2024
<b>Harvest Dates</b>	MG 4E: Nov 12, 2024 MG 4L: Nov 12, 2024 MG 5E: Nov 12, 2024 MG 5L: Nov 12, 2024
<b>Rows Planted/ Rows Harvested</b>	5 planted/ 3 harvested
<b>Harvested Row Length</b>	12'
<b>Fertilization</b>	10/9/23 29.5-60-60-10
<b>In-Season Applications</b>	<i>Aug 2, 2024</i> 12oz/A Outlook <i>Aug 15, 2024</i> 25.6oz/A Flexstar + .6oz/A FirstRate + 1 qt/A Amaze Gold + 1qt Liberate Surfactant/ 100 gal Water <i>Aug 22, 2024</i> 6.8 oz/A Voltage Insecticide + 10.1 oz/A Avaris Fungicide + 61 oz/A Maximum impact 24-0-0 <i>Aug 23, 2024</i> 32oz/A Intensity One + 1 Gallon Herbimax Crop Oil/ 100 gal of Water
<b>Rainfall (in.)</b>	May: 5.24 June: 0.98 July: 6.15 Aug: 3.33 Sept: 4.88 Oct: 0.20

The experimental design was a randomized complete block design with three replications per site. Outliers were identified as any data point which exceeded 1.5 times the interquartile range and were removed from the analysis. Due to the number of entries, varieties were separated and tested by relative maturity group categories. To facilitate field operations and to allow for more accurate comparison, maturity group IV and V varieties were separated into early (RM 4.0-4.6; 5.0- 5.4) and late (RM 4.7-4.9; 5.5-5.9) relative maturity tests. Data were subjected to analysis of variance and means were separated with Fisher's Protected LSD test ( $P = 0.05$ ).

Preliminary performance of **double crop** early maturity group 4 entries at Warsaw, VA.

Brand	Variety	Herbicide	MG	Height	Lodging	PSS	Seed Quality	Seed Size	Yield
NK	NK43-W1XFS	XF / STS	4.3	29.0	1.0	0.0	1.0	16.5	63.5
Virginia Tech	V20-1478R2DI	RR2Y	4.2	31.0	1.0	0.0	1.0	17.2	61.7
Virginia Tech	V18-2720R2	RR	4.3	36.3	2.0	0.0	1.0	15.8	59.7
NK	NK42-A6E3S	E3 / STS	4.2	29.3	1.0	0.0	1.3	19.8	58.5
Revere	44-F44	XF / STS	4.4	31.3	1.0	0.0	1.0	18.8	57.6
Pionner	P38A28E	E3	3.7	28.7	1.0	0.0	1.0	16.2	54.6
Perdue	P41MO21	Conv	4.1	32.0	1.7	0.0	1.0	17.0	54.4
Virginia Tech	V18-3866	Conv	4.1	29.0	1.3	0.0	1.0	15.5	52.3
Revere	39-F94	XF / STS	3.9	29.0	1.0	0.5	1.0	15.7	52.0
Virginia Tech	V19-0064DT	Conv	4.2	32.7	1.7	0.0	1.0	16.1	50.8
<b>Grand Mean</b>				<b>30.9</b>	<b>1.3</b>	<b>0.0</b>	<b>1.0</b>	<b>16.9</b>	<b>56.7</b>
<b>LSD P&lt;0.05</b>				<b>4.9</b>	<b>0.5</b>	<b>0.3</b>	<b>0.3</b>	<b>0.8</b>	<b>6.0</b>

Preliminary performance of **double crop** late maturity group 4 entries at Warsaw, VA.

Brand	Variety	Herbicide	MG	Height	Lodging	PSS	Seed		Yield
							Quality	Seed Size	
USG	7485ETS	E3,STS	4.8	33.3	1.0	0.0	1.0	17.6	68.7
Revere	49-F36	XF / STS	4.9	35.3	1.0	0.0	1.0	17.6	68.2
Pioneer	P48A14E	E3	4.8	35.3	1.0	0.0	1.0	17.0	67.1
Asgrow	AG49XF3	XF	4.9	37.0	1.0	0.0	1.0	16.7	67.1
Revere	4826XFS	XF / STS	4.8	31.7	1.0	0.0	1.0	17.5	67.0
Channel	4821RXF/SR	XF	4.8	38.7	1.0	0.0	1.0	19.2	66.6
NK	NK47-G5E3S	E3 / STS	4.7	33.3	1.0	0.0	1.0	16.8	66.2
Virginia Tech	V17-2447R	RR	4.9	40.3	1.3	0.0	1.0	15.5	65.8
USG	7495XFS	XF,STS	4.9	36.3	1.0	0.0	1.0	16.7	64.9
Revere	46-F57	XF / STS	4.6	36.7	1.0	0.0	1.0	18.2	64.2
Asgrow	AG47XF5	XF / STS	4.7	36.3	1.3	0.0	1.0	17.3	63.1
USG	7483XFS	XF,STS	4.8	29.7	1.0	0.0	1.0	17.6	62.8
Revere	48-F72	XF	4.8	30.7	1.0	0.0	1.0	17.8	62.5
NK	NK49-N7XF	XF	4.9	30.7	1.0	0.0	1.0	17.9	61.3
Virginia Tech	V18-3788	Conv	4.5	35.7	2.0	0.0	1.0	15.4	60.0
USG	7474XFS	XF,STS	4.7	30.0	1.0	0.0	1.0	17.9	59.5
USG	7494ETS	E3,STS	4.9	32.0	1.0	0.0	1.0	16.5	59.4
Asgrow	AG48XF5	XF / STS	4.8	36.3	1.0	0.0	1.0	19.9	59.4
Revere	45-F92	XF / STS	4.5	32.3	1.0	0.0	1.0	18.5	59.1
Virginia Tech	V18-4246R	RR	4.9	36.3	1.7	0.0	1.0	17.7	58.9
Perdue	P48MO21	Conv	4.8	31.0	3.0	0.0	1.0	14.7	58.5
Virginia Tech	V18-3081HP	Conv	4.7	31.7	1.3	0.0	1.0	19.0	54.9
<b>Grand Mean</b>				<b>34.1</b>	<b>1.2</b>	<b>0.0</b>	<b>1.0</b>	<b>17.4</b>	<b>63.0</b>
<b>LSD P&lt;0.05</b>				<b>3.3</b>	<b>0.4</b>	<b>--</b>	<b>--</b>	<b>0.6</b>	<b>6.2</b>

Preliminary performance of **double crop** early maturity group 5 entries at Warsaw, VA.

<b>Brand</b>	<b>Variety</b>	<b>Herbicide</b>	<b>MG</b>	<b>Height</b>	<b>Lodging</b>	<b>PSS</b>	<b>Seed Quality</b>	<b>Seed Size</b>	<b>Yield</b>
Revere	51-F31	XF	5.1	32.0	1.5	0.0	1.5	16.2	70.7
HiSOY	HS 48E40	E3	5.0	34.7	1.0	0.0	2.3	16.0	63.5
Virginia Tech	V19-1626	Conv	5.1	34.3	1.7	0.3	2.0	16.2	62.9
Revere	53-F84	XF / STS	5.3	36.7	1.0	0.0	2.0	14.5	61.9
HiSOY	HS 50F40	XF	5.0	30.7	1.0	0.0	2.0	15.5	60.8
Channel	5024RXF	XF	5.0	37.3	1.0	0.0	2.0	19.0	58.1
USG	7534GT	RR	5.3	38.5	3.5	0.0	2.0	16.8	57.6
Virginia Tech	V19-1453STS	Conv	5.4	37.5	1.5	0.0	2.0	16.6	56.5
Virginia Tech	V19-0546	Conv	5.3	30.5	2.0	0.0	1.5	18.4	55.8
USG	7543XF	XF	5.4	38.0	1.3	0.0	2.7	15.7	55.1
Catalyst	CT5293E3	E3	5.2	30.7	1.0	0.0	2.0	17.3	54.4
USG	7542ET	E3	5.2	36.3	1.3	0.0	2.0	15.4	53.2
<b>Grand Mean</b>				<b>34.8</b>	<b>1.4</b>	<b>0.0</b>	<b>2.0</b>	<b>16.4</b>	<b>59.1</b>
<b>LSD P&lt;0.05</b>				<b>4.1</b>	<b>1.2</b>	<b>0.3</b>	<b>0.6</b>	<b>2.6</b>	<b>6.4</b>

Preliminary performance of **double crop** late maturity group 5 entries at Warsaw, VA.

<b>Brand</b>	<b>Variety</b>	<b>Herbicide</b>	<b>MG</b>	<b>Height</b>	<b>Lodging</b>	<b>PSS</b>	<b>Seed Quality</b>	<b>Seed Size</b>	<b>Yield</b>
Virginia Tech	V19-0519	Conv	5.6	37.0	2.3	0.0	2.0	15.9	65.5
Virginia Tech	V19-0861	Conv	5.6	33.0	1.7	0.0	2.0	14.4	63.3
Virginia Tech	V16-1706R2	RR2Y	5.5	38.3	2.0	0.0	2.3	16.8	62.3
Virginia Tech	V18-1255	Conv	5.5	30.3	2.3	0.0	2.0	15.3	60.8
Channel	5723RXF/SR	XF	5.7	32.7	1.0	0.0	2.0	15.9	60.3
Virginia Tech	V19-1409RR	RR	5.6	38.0	1.0	0.0	2.0	15.0	58.7
Southern Harvest	SH 5523 E3	E3	5.5	42.0	1.7	0.0	2.0	15.1	57.7
Virginia Tech	V19-1493	Conv	5.8	38.3	2.0	0.0	2.0	13.5	57.6
Revere	5735XFS	XF / STS	5.7	33.3	1.0	0.0	2.0	16.1	57.1
Pioneer	P56A71E	E3	5.6	36.7	2.3	0.0	2.0	17.2	56.4
Southern Harvest	SH 5724 E3	E3	5.7	43.7	2.0	0.0	2.0	12.9	55.9
Virginia Tech	V19-0496HP	Conv	5.5	31.0	2.3	0.0	2.0	17.5	55.0
Perdue	P60GO21	Conv	6.0	36.3	2.7	0.0	2.0	14.2	51.0
<b>Grand Mean</b>				<b>36.2</b>	<b>1.9</b>	<b>0.0</b>	<b>2.0</b>	<b>15.4</b>	<b>58.6</b>
<b>LSD P&lt;0.05</b>				<b>4.7</b>	<b>0.8</b>	<b>--</b>	<b>0.3</b>	<b>0.6</b>	<b>6.5</b>