

2013 MARYLAND SOYBEAN VARIETY TEST - PRELIMINARY SEED YIELDS (BU/A @ 13%)

Maturity	Brand - Entry	Keedys- ville	Clarks- ville	Queensown		Quantico	
				Full Season	Double Crop	Full Season	Double Crop
Group 3	DYNA-GRO - S38RY84	66.0	57.9	58.0	50.2*	54.4*	57.6
	DYNA-GRO - S39RY33	64.4	53.9	54.9	47.4	53.7*	59.1
	HISOY - HS38A02	67.6*	62.5*	59.0	48.1	49.6	64.8*
	HISOY - HS39A14	65.5	48.5	56.6	50.3*	44.9	56.2
	HISOY - HS39A22	69.6*	63.9*	64.1*	46.4	49.1	56.4
	HUBNER - H34-11R2	67.6*	57.7	64.2*	45.9	48.2	62.2*
	HUBNER - H37-14R2STS	63.8	59.2	63.1*	51.0*	48.9	53.7
	MID ATL - MA3511RR2	66.4*	53.8	60.7	48.9*	52.1	58.3
	MID ATL - MA3689nRR	67.1*	58.8	61.3*	52.8*	51.5	59.0
	MID ATL - MA3802nRR2	67.9*	52.2	56.4	40.5	49.7	58.5
	MID ATL - MA3889nRR2	62.4	58.6	62.1*	44.1	50.2	61.2*
	MID ATL - MA3933nRR2/STS	59.5	49.9	54.7	45.8	50.0	61.4*
	MYCOGEN - 5N385R2	66.8*	61.1*	55.9	49.3*	46.6	61.4*
	DOEBLERS RPM - DB3312RR	64.6	56.0	59.1	47.6	44.7	55.9
	DOEBLERS RPM - DB3513RR	66.0	54.5	56.5	43.6	50.7	53.9
	DOEBLERS RPM - DB3813RR	65.2	52.9	58.9	39.9	45.4	52.7
	S.STATES - SS3801NR2	65.8	55.7	65.5*	47.9	53.0	62.6*
	S.STATES - SS3813NR2	64.8	57.0	64.4*	48.0	48.5	63.4*
	TA SEEDS - TS3849R2S	59.4	51.4	62.7*	50.9*	56.4*	64.1*
	USG - 73P93R	64.8	63.4*	66.1*	51.8*	57.0*	44.6
	<b>Mean</b>	<b>65.3</b>	<b>56.5</b>	<b>60.2</b>	<b>47.5</b>	<b>50.2</b>	<b>58.4</b>
	<b>LSD 0.20</b>	<b>3.5</b>	<b>4.4</b>	<b>5.1</b>	<b>4.1</b>	<b>3.4</b>	<b>5.3</b>
	<b>CV, %</b>	<b>5.1</b>	<b>7.3</b>	<b>7.9</b>	<b>8.2</b>	<b>6.4</b>	<b>8.5</b>
Group 4	DYNA-GRO - 39RY43	64.0	67.6*	58.2	57.5*	53.0	62.0
	DYNA-GRO - S44RS93	60.2	56.3	53.0	54.9*	55.8	54.0
	DYNA-GRO - 31RY45	63.7	57.6	58.1	54.9*	62.9	61.1
	HISOY - HS42A12	69.4*	62.6	62.9*	50.5	67.4	66.7
	HISOY - HS44T14	65.3	61.7	65.7*	56.2*	65.9	61.5
	HISOY - HS45A14	62.1	60.6	55.1	51.6	66.4	68.3*
	HUBNER - H40-13R2	67.7	65.3*	64.5*	52.2	69.7	58.5

HUBNER - H42-13R2	69.1*	64.4*	66.1*	48.7	69.6	63.8
HUBNER - H44-14R2STS	64.0	61.3	62.9*	52.7	71.3*	64.1
MID ATL - MA4399nRR/STS	57.2	55.8	52.9	56.8*	62.8	63.2
MID ATL - MA4504nRR/STS	57.4	59.1	52.6	49.1	68.8	58.8
MYCOGEN - 5N431R2	69.3*	57.3	63.4*	55.0*	70.2*	61.7
DOEBLERS RPM - DB4013RR	63.1	60.7	59.6	46.9	71.2*	60.6
DOEBLERS RPM - DB4512RR	69.2*	61.0	60.8	51.8	67.5	59.5
S.STATES - SS4312NR2	72.1*	66.1*	62.7*	53.3*	66.3	63.6
S.STATES - SS4412NR2	62.6	61.4	61.1	55.9*	69.8	59.2
S.STATES - SS4510NR2	61.4	61.6	61.4	50.5	70.8*	60.4
USG - 74A27	64.3	60.0	62.5*	51.1	68.4	52.2
USG - 74A33R	63.9	60.9	59.3	55.0*	66.7	61.4
USG - 74B42R	66.5	57.1	57.2	52.8	67.7	57.8
USG - 74B58	66.0	65.5*	61.3	51.3	75.4*	59.0
USG - 74D32R	61.3	56.8	54.6	56.2*	70.1	62.2
USG - 74F12R	64.8	56.8	58.2	51.7	66.5	61.8
<b>Mean</b>	<b>64.6</b>	<b>60.8</b>	<b>59.7</b>	<b>52.9</b>	<b>67.1</b>	<b>60.9</b>
<b>LSD 0.20</b>	<b>4.1</b>	<b>4.7</b>	<b>4.3</b>	<b>4.3</b>	<b>5.2</b>	<b>NS</b>
<b>CV, %</b>	<b>5.9</b>	<b>7.3</b>	<b>6.7</b>	<b>7.7</b>	<b>7.3</b>	<b>9.1</b>

Group 4s	DYNA-GRO - SX13346R	64.8*	51.3	59.9	53.8*	56.2	63.2
	DYNA-GRO - 37RY47	66.4*	45.5	54.5	50.9	55.7	65.6
	DYNA-GRO - S48RS53	61.6	56.2	56.8	53.6*	56.1	72.9*
	BAYER HBK - RY4620	63.5*	51.5	53.5	56.2*	58.6*	67.1
	BAYER HBK - RY4721	62.2	49.5	59.3	46.6	52.5	59.5
	HISOY - HS47T12	56.1	50.4	55.4	52.5*	55.1	65.0
	HISOY - HS49T14	63.6*	65.3*	59.7	51.5	56.3	62.6
	HUBNER - H48-13R2STS	61.6	53.6	61.4*	55.8*	58.1	68.0*
	MID ATL - MA4802nRR/STS	63.6*	49.1	56.9	53.1*	54.8	63.7
	MYCOGEN - 5N478R2	65.6*	53.8	57.0	49.2	54.9	63.0
	S.STATES - SS4700R2-STS	62.8	48.1	55.0	48.9	51.4	69.9*
	S.STATES - SS4913NR2	60.6	55.0	53.9	49.8	57.1	63.2
	S.STATES - SS4917NR2	54.4	54.5	57.0	48.7	53.0	59.9
	USG - 74A69R	61.1	55.3	57.8	52.3	52.9	61.9

	USG - 74A79R	59.1	49.8	56.8	52.8*	55.7	66.3
	USG - 74E88	52.9	44.3	60.7	46.3	49.7	57.1
	USG - 7495nRS	56.0	55.0	55.6	51.6	53.7	62.4
	<b>Mean</b>	<b>60.9</b>	<b>52.2</b>	<b>57.1</b>	<b>51.4</b>	<b>54.8</b>	<b>64.2</b>
	<b>LSD 0.20</b>	<b>3.5</b>	<b>6.9</b>	<b>NS</b>	<b>3.7</b>	<b>NS</b>	<b>5.0</b>
	<b>CV, %</b>	<b>5.4</b>	<b>12.4</b>	<b>7.8</b>	<b>6.8</b>	<b>7.9</b>	<b>7.3</b>
Group 5	BAYER HBK - RY5221	-	-	46.3	46.6*	34.5	71.1*
	BAYER HBK - RY5421	-	-	44.0	43.5*	37.9	57.5
	DOEBLERS RPM - DB5213RR	-	-	49.2*	38.6	42.4	70.9*
	DOEBLERS RPM - DB5711RR	-	-	46.4	34.3	50.0*	57.6
	<b>Mean</b>	-	-	<b>46.5</b>	<b>40.8</b>	<b>41.2</b>	<b>64.3</b>
	<b>LSD 0.20</b>	-	-	<b>NS</b>	<b>5.1</b>	<b>3.7</b>	<b>8.5</b>
	<b>CV, %</b>	-	-	<b>6.0</b>	<b>10.7</b>	<b>7.6</b>	<b>11.3</b>
	<b>Planting Date:</b>	<b>May 29</b>	<b>May 30</b>	<b>May 22</b>	<b>July 9</b>	<b>May 22</b>	<b>June 26</b>
	<b>Row Spacing:</b>	<b>24 in.</b>	<b>24 in.</b>	<b>24 in.</b>	<b>7.5 in.</b>	<b>20 in.</b>	<b>20 in.</b>
	<b>Tillage:</b>	<b>Conv.</b>	<b>Conv.</b>	<b>Conv.</b>	<b>None</b>	<b>None</b>	<b>None</b>

Yields are reported in Bu/A at 13% moisture. NS=No significant yield differences among entries in this group.

\* Yield is not significantly different from the highest yielding entry in this maturity group at this location.

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