

2015 University of Maryland State Soybean Variety Trials Summary Table

		Statewide			Keedysville			Quantico			Queenstown								
		Full Season			Full Season			Double Crop			Full Season, Irrigated			Double Crop					
Group 3		Group 3									Group 3								
Brand	Name	Yield [†] bu/A	Yield [†] bu/A	Height in	Leaf Drop	Yield [†] bu/A	Height in	Leaf Drop	Yield [†] bu/A	Height in	Leaf Drop	Yield [†] bu/A	Height in	Leaf Drop	Yield [†] bu/A	Height in	Leaf Drop	Lodging, n = 3	Frog Eye, % damage n = 5
Doeblers	DB3815RR	68.7 *	63.4 *	31	10/1	74.1 *	35.0	9/19	65.5	32	9/29	81.7 *	42	9/27	58.7	27	10/13	1.0	0.2
USG	73P93R	67.2 *	59.6	28	10/2	71.1	39.0	9/20	65.7	32	9/30	79.9	44	9/27	59.8	25	10/11	1.0	0.4
Terral Seed	REV39A35	66.3 *	53.2	35	10/1	75.6 *	39.0	9/18	57.5	31	9/26	84.1 *	48	9/26	60.9	25	10/11	1.0	0.4
NK†	S39-C4	65.5 *	45.9	30	9/30	72.8	39.7	9/17	72.0 *	34	9/28	83.9 *	47	9/26	52.7	25	10/10	1.0	0.6
Dyna-Gro	S39RY65	65.4 *	49.9	31	10/2	73.5 *	38.7	9/21	67.5	33	10/1	75.1	47	9/28	60.9	27	10/12	1.0	0.4
CZ	3991	64.9 *	56.0	31	10/3	59.9 *	34.3	9/22	63.0	29	9/28	80.4	41	9/27	65.1 *	26	10/11	1.0	1.2
Hubner Seed	H37-14R2STS	64.6 *	50.2	33	10/1	77.8 *	38.3	9/21	54.6	32	9/28	85.0 *	45	9/26	55.4	27	10/11	1.0	0.4
Southern States	SS 3914NS R2	64.4	52.3	30	9/30	64.6	35.3	9/21	65.6	30	9/27	87.4 *	41	9/27	52.1	23	10/10	1.0	0.6
Pioneer†	P-39-T67R	63.9	55.8	28	9/30	65.2	34.3	9/19	62.8	30	9/26	79.5	43	9/25	56.0	26	10/11	1.0	0
Seedway	SG3764	63.8	50.3	30	10/2	66.2	36.7	9/18	69.1 *	31	9/29	80.8	40	9/27	52.7	24	10/10	2.0	0.6
Asgrow†	3832	63.6	60.4	31	9/30	62.5	34.3	9/18	64.3	29	9/30	80.3	41	9/25	50.4	23	10/10	1.0	0.6
Seedway	SG3963	63.4	45.6	29	10/2	67.0	36.7	9/20	70.3 *	31	9/29	82.8 *	45	9/28	51.5	24	10/12	1.0	0.4
Terral Seed	REV38R10	63.1	56.6	33	10/1	69.5	40.7	9/19	55.6	33	9/28	75.7	47	9/26	58.0	26	10/11	1.0	0
Asgrow†	3936	63.1	53.4	28	9/30	70.0	38.0	9/18	66.3	34	9/26	74.8	45	9/25	51.0	23	10/11	1.0	0.4
Mid-Atlantic	MA3415RR2	63.0	54.1	31	10/1	67.7	36.0	9/16	59.9	31	9/27	76.1	42	9/25	57.3	26	10/9	1.0	1
Mid-Atlantic	MA3889RR/STS	62.1	51.5	33	10/2	64.0	40.0	9/19	71.9 *	33	9/29	71.0	43	9/26	52.2	26	10/11	1.0	0.2
Mid-Atlantic	MA3815NRR2	61.6	47.2	29	10/2	62.4	36.7	9/21	66.2	32	10/1	79.4	44	9/26	53.0	26	10/11	1.0	0.2
Southern States	SS 3813N R2	61.3	46.0	29	10/1	65.4	35.0	9/20	66.4	31	9/28	77.5	38	9/26	51.4	24	10/11	1.0	0.2
CZ	3560	61.1	57.3	29	9/30	63.1	35.3	9/15	57.0	30	9/26	78.2	42	9/24	50.0	24	10/9	1.0	0.2
Dyna-Gro	S37R596	61.0	50.1	33	10/1	65.2	36.7	9/18	61.5	30	9/28	77.2	42	9/27	51.0	26	10/11	1.0	1
Seedway	SG3644	60.4	56.6	34	10/2	61.1	34.7	9/19	56.6	29	9/27	76.6	43	9/27	51.0	24	10/12	1.0	1.2
Dyna-Gro	S38RY56	59.8	55.2	31	10/2	58.4	36.3	9/21	62.8	33	9/28	73.7	43	9/27	49.2	26	10/11	1.0	0.2
Hubner Seed	H35-16R2	58.3	45.3	28	10/1	67.7	35.0	9/18	56.4	29	9/27	74.4	40	9/24	47.8	24	10/10	1.0	0.4
Mid-Atlantic	MA3516nRR2	57.5	50.4	32	10/1	61.8	34.3	9/20	52.9	28	9/29	75.2	43	9/26	47.3	24	10/11	1.0	1.2
Doeblers	DB3516R	54.3	42.0	28	9/30	55.1	36.0	9/16	57.8	31	9/27	77.0	40	9/25	39.5	22	10/11	1.0	1.8
Mean		62.7	52.3	31	10/1	66.5	37	9/19	62.8	31	9/28	78.7	43	9/26	53.4	25	10/11	1.0	0.6
LSD 0.20		4.2	3.3	3	1.2	4.1	1.9	1.2	3.7	2	1.5	6.0	2	1.1	3.8	2	0.8		
CV, %		9.8	11	9.4		9.5	6.7		9.9	6.9		7.8	7.6	0.5	10.9	9.1			
Group 4		Group 4									Group 4								
Brand	Name	Yield [†] bu/A	Yield [†] bu/A	Height in	Leaf Drop	Yield [†] bu/A	Height in	Leaf Drop	Yield [†] bu/A	Height in	Leaf Drop	Yield [†] bu/A	Height in	Leaf Drop	Yield [†] bu/A	Height in	Leaf Drop	Lodging, n = 3	Frog Eye, % damage n = 5
Dyna-Gro	31RY45	67.9 *	62.4	37	10/3	71.2 *	42	9/27	56.1	31	10/3	84.9 *	47	10/2	65.1	34	10/14	1.3	0.2
Hubner Seed	H42-16R2	66.1 *	55.6	32	10/2	67.6	38	9/22	69.4 *	35	10/1	78.0	47	9/29	59.9	29	10/12	1.0	1.8
Syngenta†	S45-R7	65.9 *	61.4	38	10/2	69.6 *	38	9/21	55.0	31	10/1	82.8	47	9/29	60.9	32	10/12	1.0	0.6
Mid-Atlantic	MA4315RR2/STS	65.8 *	56.8	41	10/3	64.9	36	9/26	56.3	32	10/1	85.3 *	44	9/30	65.6 *	31	10/13	1.0	1.8
Southern States	SS 4514N R2	65.7 *	65.3 *	34	10/4	65.8	38	9/27	55.4	34	10/2	75.1	46	10/2	66.6 *	32	10/13	1.0	1.2
Southern States	SS 4215NS R2	65.4 *	58.0	34	10/4	70.6 *	36	9/23	63.8	34	10/1	79.7	47	9/29	55.1 *	29	10/12	1.0	0.4
USG	74B42R	64.8	53.0	34	10/3	68.0	39	9/22	63.6	33	10/1	76.8	44	10/1	62.4	30	10/12	1.0	0.8
CZ	4181	64.4	62.4	38	10/6	69.2	38	9/22	56.4	35	10/1	75.2	47	9/30	58.9	31	10/12	1.7	1.8
Hubner Seed	H45-16R2	64.2	65.9 *	39	10/4	57.4	35	9/28	56.3	37	10/1	77.7	49	9/30	64.0	29	10/14	1.3	0.8
USG	74F24RS	63.8	57.8	35	10/2	64.6	41	9/23	61.1	36	10/2	76.6	49	9/30	58.6	32	10/13	1.3	0.8
Asgrow†	4336	63.6	51.0	37	10/2	72.2 *	41	9/23	58.2	35	9/30	76.2	47	9/30	60.3	31	10/12	1.0	0.8
Hubner Seed	H42-13R2	63.6	53.9	35	10/3	55.3	30	9/24	55.1	33	10/1	87.3 *	42	9/30	66.2 *	31	10/13	1.0	1
Syngenta	S40-N2	63.3	57.8	32	10/3	57.0	31	9/22	57.4	32	9/30	82.1	43	9/29	62.3	32	10/12	1.0	0.4
T.A. Seeds	TS4269R25	63.0	51.7	35	10/3	63.9	40	9/21	62.4	35	10/1	74.8	49	9/29	62.2	31	10/12	1.3	1
CZ	4590	62.7	57.5	37	10/3	63.3	42	9/24	51.9	35	10/1	80.6	48	10/1	60.4	32	10/12	1.0	0.4
Dyna-Gro	S42RY46	62.6	55.2	34	10/4	68.0	41	9/26	56.7	34	10/2	74.9	47	10/1	58.3	31	10/14	1.0	1.6
Southern States	SS 4312N R2	62.6	52.9	34	10/2	65.9	36	9/22	60.5	31	10/1	73.0	42	9/27	60.7	28	10/11	1.0	0.6
Southern States	SS 4510N R2	62.6	52.0	36	10/3	68.3	44	9/26	61.3	39	10/2	78.2	50	10/2	52.9	29	10/13	1.3	0.8
Dyna-Gro	39RY43	62.5	56.1	37	10/2	68.4	39	9/24	55.0	30	10/1	76.8	45	9/30	56.2	29	10/13	1.0	0.6
Asgrow†	4135	62.5	54.2	36	10/3	67.5	38	9/21	55.3	32	9/30	79.5	45	9/29	55.9	29	10/11	1.0	0.8
Syngenta	S43-K1	62.1	53.6	40	10/1	63.6	41	9/23	52.8	36	10/1	84.5 *	45	10/1	56.2	31	10/12	1.0	1.6
Mid-Atlantic	MA4355RR2/STS	61.9	60.2	33	10/3	58.9	38	9/24	56.6	38	10/2	74.5	48	9/30	59.4	32	10/14	1.3	1.4
Southern States	SS 4414N R2	61.8	53.2	35	10/3	68.6	40	9/24	56.4	34	10/1	75.4	49	9/30	55.4	31	10/13	1.0	0.6
NK†	S42-E5	61.4	53.4	32	10/4	66.6	38	9/24	55.8	32	10/2	72.8	43	10/1	58.4	30	10/14	1.0	1
NK†	S41-J6	61.3	52.8	33	10/4	70.9 *	42	9/22	54.3	34	10/1	74.0	48	9/29	54.4	30	10/12	1.3	0.6
Dyna-Gro	S43RY95	61.1	51.4	36	10/3	69.0	42	9/25	53.0	36	10/2	73.8	50	10/1	58.3	32	10/14	1.0	0.2
Dyna-Gro	S40RY25	57.0	60.1	32	10/3	51.8	31	9/21	47.5	30	9/28	71.9	46	9/28	53.6	28	10/11	1.0	1.8
Mean		63.3	56.5	35	10/3	65.5	38	9/23	57.2	34	10/1	77.9	47	9/30	59.6	31	10/12	1.1	1
LSD 0.20		2.5	2.8	2	1.2	2.6	1	1.1	2.5	2		3.5	1	0.6	1.2	2	0.5		
CV, %		8.5	9.3	9.3		9.0	9.9		8.8	8.4		7.2	6	0.5	8.0	8.0			

Statewide Keedysville Quantico Queenstown

Full Season Full Season Double Crop Full Season, Irrigated Double Crop

Group 4s **Group 4s** **Group 4s**

Brand	Name	Yield [†] bu/A	Yield [†] bu/A	Height in	Leaf Drop	Yield [†] bu/A	Height in	Leaf Drop	Yield [†] bu/A	Height in	Leaf Drop	Yield [†] bu/A	Height in	Leaf Drop	Yield [†] bu/A	Height in	Leaf Drop	Lodging, n = 3	Frog Eye, % n = 5
Hubner Seed	H48-13R2STS	71.5 *	75.0 *	40	10/10	70.6 *	45	9/28	70.5	38	10/8	72.5	43	10/7	68.9	35	10/17	1.7	0.8
Southern States	SS 4725NS R2	69.6 *	67.6	43	10/11	65.0	45	9/27	68.7	38	10/4	75.3	45	10/3	71.6 *	36	10/17	1.7	4
Asgrow†	4835	69.5 *	80.1 *	39	10/9	64.8	41	9/30	77.7 *	37	10/6	57.0	42	10/3	68.0	33	10/17	2.0	1.6
Pioneer†	P-46-T21R	68.1	62.4	34	10/9	60.8	33	9/26	66.0	35	10/2	82.1 *	45	10/1	69.4 *	32	10/15	1.3	1
T.A. Seeds	TS4869R2S	68.0	67.2	41	10/10	61.0	37	10/1	66.2	41	10/7	78.8	42	10/1	66.9	34	10/17	1.7	1
Doeblers	DB4715RR	67.8	67.2	41	10/11	66.0	37	9/27	72.6	36	10/3	65.6	41	9/28	67.9	32	10/16	1.0	0.6
Southern States	SS 4915NS R2	67.6	66.3	38	10/9	60.1	38	10/1	66.6	41	10/8	77.4	45	9/6	67.5	35	10/17	2.0	1.4
NK†	S47-K5	67.6	63.5	42	10/12	63.6	37	9/29	66.7	35	10/3	75.5	39	10/2	68.6	32	10/16	1.7	0.4
USG	74D95RS	67.5	64.9	38	10/8	69.2 *	40	10/1	64.9	37	10/6	76.2	43	10/4	62.1	31	10/16	2.0	4.4
Asgrow†	4632	67.4	68.1	38	10/10	67.6	41	9/27	58.7	36	10/3	77.5	36	9/27	65.1	34	10/15	1.3	1.2
USG	74A74RS	67.1	65.2	42	10/10	60.1	37	10/1	67.5	36	10/7	81.1 *	45	10/6	61.7	33	10/16	1.0	2.6
NK†	S48-D9	66.6	69.1	40	10/7	59.5	39	9/28	59.2	37	10/2	79.3	45	9/27	65.6	33	10/17	1.3	0.2
Terral Seed	REV47R34	66.3	61.2	37	10/10	68.1 *	43	9/26	69.4	36	10/3	68.3	45	9/30	64.4	36	10/15	2.0	0.8
USG	74B83RS	65.6	59.7	35	10/9	67.6	42	10/1	67.5	35	10/7	64.0	37	9/30	69.0	30	10/17	1.7	1.6
T.A. Seeds	TS4669R2	65.4	59.5	38	10/10	65.9	40	9/26	64.6	36	10/3	71.2	38	9/25	65.8	33	10/15	1.7	1.4
Dyna-Gro	S46RY85	65.3	58.0	37	10/10	68.8 *	38	9/27	65.1	33	10/3	66.2	41	10/2	68.4	32	10/16	1.0	4.2
Dyna-Gro	S49RY25	65.1	65.7	41	10/10	57.1	38	9/30	64.8	37	10/7	73.8	45	10/7	63.9	33	10/17	1.0	1
Mid-Atlantic	MA4614RR2/STS	65.0	62.3	36	10/7	65.0	38	9/30	56.0	37	10/4	75.2	42	10/3	66.5	34	10/16	1.0	3.8
Mid-Atlantic	MA4722RR2/STS	64.7	63.3	41	10/11	65.8	37	10/2	66.7	35	10/6	67.7	42	10/3	59.9	33	10/17	1.0	4
Southern States	SS 4714NS R2	64.1	56.3	43	10/11	62.7	41	9/30	66.1	35	10/4	74.3	45	10/6	61.2	33	10/16	1.3	3.2
Southern States	SS 4917N R2	63.5	64.5	36	10/8	66.3	38	9/23	63.2	36	10/3	64.1	37	9/27	59.1	30	10/16	1.0	1.6
CZ	4959	62.8	63.5	38	10/9	58.8	35	9/30	65.1	35	10/7	67.4	44	10/8	59.0	31	10/17	1.0	1.6
Dyna-Gro	S48RS53 STS/RR2Y	61.8	53.3	41	10/10	66.4	37	9/29	63.0	37	10/8	64.9	44	10/3	61.4	32	10/17	2.0	0.6
Terral Seed	REV49R94	61.6	53.8	35	10/8	67.0	42	9/29	70.1	37	10/5	53.2	40	9/29	64.1	34	10/17	1.7	0.2
Syngenta	S48-P4	60.5	56.2	43	10/8	59.1	41	9/25	55.9	38	10/2	71.7	48	10/1	59.7	36	10/16	2.0	1.8
Mean		66.0	63.8	39	10/9	64.3	39	9/28	65.7	37	10/5	71.2	42	10/1	65.0	33	10/16	1.5	1.4
LSD 0.20		3.0	3.7	2	1.8	2.9	2	1.4	3.5	1	1.2	2.2	2	1.7	2.6	1	0.5	0.4	
CV, %		10.6	12.0	9.5		7.5	7.5		9.5	6.2		16.6	8.9	2	7.4	6.9			

Group 5 **Group 5** **Group 5**

Brand	Name	Yield [†] bu/A	Yield [†] bu/A	Height in	Leaf Drop	Yield [†] bu/A	Height in	Leaf Drop	Yield [†] bu/A	Height in	Leaf Drop	Yield [†] bu/A	Height in	Leaf Drop	Yield [†] bu/A	Height in	Leaf Drop	Lodging, n = 3	Frog Eye, % n = 5
Terral Seed	REV51A56	62.8 *				67.9 *	43	9/30	75.0 *	36	10/8	74.9 *	46.3	10/1	68.0 *	33	10/17	2.7	0.4
USG	74F53RS	61.7 *				50.0	37	9/29	67.5	33	10/7	59.8	42.0	10/1	67.5 *	30	10/16	1.0	1.4
Terral Seed	REV55R53	61.3 *				63.1	39	10/8	72.3 *	37	9/27	49.7	40.0	10/6	58.7	33	10/25	3.0	2.4
Terral Seed	REV56R63	61.2 *				58.8	45	10/8	63.2	37	9/20	65.8	50.7	10/8	55.3	36	10/24	4.3	0.2
Terral Seed	REV57R21	60.4 *				56.6	46	10/8	52.0	44	9/21	55.8	52.3	10/9	57.6	36	10/24	4.3	0.4
Mean		61.0				59.3	42	10/4	66.0	38	9/28	61.2	46.3	10/5	61.4	34	10/21	3.1	1.0
LSD 0.20		2.7				2.6	2	1.1	6.0	1	3.5	2.3	1.5	1.1	2.6	1	0.4	0.6	
CV, %		13.0				11.7	9.4		15.5	10.7		15.0	11.1	1.3	9.9	7.7			

Planting Date: May 29 June 17 June 27 June 16 June 25
 Harvest Date: October 20 October 24 October 31 October 23 November 11
 Row Spacing: 24" 20" 20" 24" 7.5"
 Tillage: Conv. None None Conv. None

†Entry Supported by Maryland Soybean Board

‡All yields and test weights are reported at a 13% moisture content, yields followed by an asterisk "*" are not significantly different from leading line.

We gratefully acknowledge the assistance and experience of the personnel of the University of Maryland Research and Education Centers.

