

Table 8. Full Season (Irrigated) RR Soybean Variety Performance Summary
 Research & Education Center (Sussex County) Georgetown, Delaware

Planted 5/22/14 & Harvested 10/20/14 - Group III Maturity						Performance Ranking for						2014 Pooled Sites		
Brand	Variety	Yield Bu/A.	Lodging	Plant Height (ins.)	Maturity Date	Sussex Full Season Site	Sussex Double Crop Site	Selbyville Full Season Site	New Castle Full Season Site	New Castle Double Crop Site	Kent Full Season Site	2 Year Average Bu./Acre	Yield Avg. Bu/A.	Rank
DOEBLER'S	RPM DB3815RR	77.1	3.0	47	09/26/14	1	11	4	6	4	12		58	5
DYNA-GRO	39RY43	75.0	2.0	47	09/30/14	2	12	12	1	10	13		55	8
HISOY	HS 39A22	74.2	1.8	47	09/29/14	3	2	1	8	5	1	72	60	1
UNISOUTH	USG 73P93R	73.8	1.3	45	09/28/14	4	8	11	9	14	7	70	54	12
SOUTHERN STATES	SS 3914NSR2	73.4	1.5	45	09/27/14	5	9	14	2	6	2		57	7
DYNA-GRO	S39RY65	73.0	1.8	47	09/30/14	6	13	2	5	8	4		57	6
NK	S39-T3	72.0	1.8	46	09/29/14	7	3	10	3	3	8		58	3
SOUTHERN STATES	SS 3811NR2	70.9	2.5	51	10/01/14	8	10	9	13	2	5		55	9
T.A.SEEDS	TS3959R2S	70.6	1.5	46	09/29/14	9	7	5	4	7	3		58	2
DYNA-GRO	37RY47	70.4	2.3	48	10/03/14	10	1	8	7	1	10		58	4
SOUTHERN STATES	SS 3813NR2	67.0	3.3	45	09/30/14	11	5	3	11	11	11	72	55	10
DOEBLER'S	RPM DB3315RR	66.6	2.3	43	09/23/14	12	14	6	14	13	9		50	14
HISOY	HS 39T44	65.6	3.0	49	09/29/14	13	4	7	10	9	14		54	11
DYNA-GRO	S36RY24	65.0	3.8	48	09/27/14	14	6	13	12	12	6		53	13

Statistics

Avg.	71.0	2.3	47
L.S.D.(.05)	7.0	1.0	2.6
%C.V.	6.9	30	4.0

¹The bold text and darker shading indicate that the yield of the variety is not statistically different from the top yielding variety

Table 9. Full Season (Irrigated) RR Soybean Variety Performance Summary
 Research & Education Center (Sussex County) Georgetown, Delaware

Planted 5/22/14 & Harvested 10/20/14 - Group IV Maturity						Performance Ranking for						2014 Pooled Sites		
Brand	Variety	Yield Bu/A.	Lodging	Plant Height (ins.)	Maturity Date	Sussex Full Season Site	Rank for Variable yield	Selbyville Full Season Site	New Castle Full Season Site	New Castle Double Crop Site	Kent Full Season Site	2 Year Average Bu./Acre	Yield Avg. Bu/A.	Rank
HISOY	HS 47T12	81.1	4.3	55	10/08/14	1	3	27	9	3	25		60	3
DYNA-GRO	S48RS53	79.2	4.0	55	10/08/14	2	5	5	3	30	13		61	1
DYNA-GRO	S43RY95	78.4	3.3	53	10/05/14	3	14	20	31	31	3		58	16
SOUTHERN STATES	SS 4312N R2	77.4	2.3	50	09/30/14	4	31	25	34	26	9	75	56	28
MYCOGEN	5N423 R2	76.3	2.8	51	10/03/14	5	24	18	19	21	1		59	11
SYNGENTA NK	S41-J6	76.2	3.5	54	10/01/14	6	10	31	22	6	20	73	58	19
BAYER	CZ 4959 RY	75.7	2.5	53	10/07/14	7	8	10	30	34	12		57	20
MYCOGEN	5N413 R2	75.1	5.0	50	09/28/14	8	17	13	16	24	18	74	58	13
HISOY	HS 45A14	75.0	4.0	53	10/04/14	9	27	22	4	19	35	74	57	23
SOUTHERN STATES	SS 4917N R2	73.6	4.0	54	10/06/14	10	11	8	11	11	8	75	60	6
SOUTHERN STATES	SS 4714NS R2	73.1	3.5	54	10/08/14	11	2	23	27	4	10		59	7
DOEBLERS	RPM DB4715RR	73.1	2.8	48	10/03/14	12	26	26	26	28	14		56	26
SYNGENTA NK	S 43-K1	72.6	4.0	51	09/29/14	13	28	2	32	13	4	69	59	9
HISOY	HS 42A44	71.5	4.3	53	10/01/14	14	30	12	12	7	6		59	12
UNISOUTH	USG 74B94 RS	71.2	4.0	51	10/08/14	15	19	24	13	27	33		56	29
UNISOUTH	USG 74A69 R	71.1	4.3	50	10/01/14	16	4	28	10	16	17	73	58	17
UNISOUTH	USG 74B42R	70.9	2.3	50	09/30/14	17	33	17	24	29	22	70	55	30
DYNA-GRO	S46RY85	70.7	3.7	49	09/29/14	18	25	3	2	32	21		59	10
UNISOUTH	USG 74F24 RS	70.1	4.8	54	10/03/14	19	6	11	1	10	5		61	2
HISOY	HS 49T14	68.4	3.0	49	10/08/14	20	20	7	25	20	27	71	57	21
HISOY	HS 49T14	68.4	3.0	49	10/08/14	20	20	7	25	20	27	77	57	21
HISOY	HS 44T14	67.7	3.3	53	09/28/14	21	18	6	15	15	24	74	58	14
HISOY	HS 44T14	67.7	3.3	53	09/28/14	21	18	6	15	15	24	71	58	14
MYCOGEN	5N479R2 STS	67.5	3.3	57	10/08/14	22	13	9	14	1	15		59	8
SOUTHERN STATES	SS 4514N R2	67.2	4.8	51	10/08/14	23	21	1	5	14	16		60	4
UNISOUTH	USG 74D32 R	67.0	5.5	53	09/29/14	24	9	15	17	2	30	65	58	18
UNISOUTH	USG 74F12R	66.8	5.5	61	09/27/14	25	12	30	29	12	7	70	56	24
SOUTHERN STATES	SS 4725NS R2	66.6	3.5	55	10/05/14	26	7	4	6	5	26		60	5
SOUTHERN STATES	SS 4114N R2	66.2	3.3	47	09/30/14	27	34	34	33	35	2		52	34
DYNA-GRO	S40RY25	66.1	3.5	48	10/01/14	28	35	21	36	25	19		53	33
DOEBLERS	RPM DB4415RR	65.9	2.0	48	09/28/14	29	36	16	35	23	32		52	35

Table 9. Full Season (Irrigated) RR Soybean Variety Performance Summary
 Research & Education Center (Sussex County) Georgetown, Delaware

Planted 5/22/14 & Harvested 10/20/14 - Group IV Maturity						Performance Ranking for						2014 Pooled Sites		
Brand	Variety	Yield Bu./A.	Lodging	Plant Height (ins.)	Maturity Date	Sussex Full Season Site	Rank for Variable yield	Selbyville Full Season Site	New Castle Full Season Site	New Castle Double Crop Site	Kent Full Season Site	2 Year Average Bu./Acre	Yield Avg. Bu./A.	Rank
BAYER	HBK 4620 RY	65.7	2.3	46	10/06/14	30	29	36	23	33	28	79	49	38
SOUTHERN STATES	SS 4700 R2-ST	65.5	4.5	52	10/03/14	31	1	35	18	9	23	66	56	25
SYNGENTA NK	S46-L2	65.4	4.0	50	10/04/14	32	16	32	28	18	11		55	32
SOUTHERN STATES	SS 4913N R2	61.0	3.8	57	10/06/14	33	22	19	8	17	31	66	55	31
HISOY	HS 42T14	60.9	2.8	44	09/28/14	34	15	14	21	8	29		56	27
BAYER	HBK 4721 RY	59.6	5.0	55	10/07/14	35	32	29	20	36	36	63	51	37
BAYER	HBK 5221 R4	56.0	5.0	62	10/09/14	36	23	33	7	22	34		51	36

Statistics

Avg.	69.9	3.7	52
L.S.D.(.05)	10.1	1.4	4.8
%C.V.	10.2	27	6.6

¹The bold text and darker shading indicate that the yield of the variety is not statistically different from the top yielding variety