

Table 18. Race 1 Soybean Cyst Nematode (SCN) Roundup Ready Soybean Variety Performance Summary  
 Research & Education Center Sussex County Gerogetown, Delaware

Planted 5/20/04 & Harvested 11/11/04 - Group III Maturity						Performance Ranking for			Cyst Information				2004 Pooled	
Brand	Variety	Yield Bu/A.	Lodging <sup>1</sup>	Plant Height (in.)	Maturity Date	SCN Race 1	SCN Race 3	SCN Race 5	SCN Egg Counts At Planting <sup>2</sup>	SCN Egg Counts At Harvest	Reproductive Index	SCN Reaction	Yield Avg. Bu/A.	Rank
UNISOUTH	USG7393	49	1.3	25.7	09/25	1	1	5	480	2904	6.1	R3, 14	36	1
SOUTHERN STATES	RT3940N	48	1.3	26.7	09/26	2	4	6	144	2808	19.5	R3, 14	32	4
DELTA & PINE	DPX3950RR	46	1.0	25.7	10/02	3	3	3	144	2088	14.5	R3, 14	34	3
SOUTHERN STATES	RT3802N	46	2.7	30.0	09/26	4	2	3	48	1488	31.0	R3, 14	35	2
SOUTHERN STATES	RT3975	44	1.0	27.7	09/27	5	6	1	48	888.0	18.5	CHECK	31	6
VIGORO	V37C5RR	43	1.3	22.7	09/24	6	5	2	0	1776		ALL RACES	31	5

Statistics

Avg.	46.1	1.4	26.4		144	1992	17.9
L.S.D.(.05)			3.0				
%C.V.	9	82	6.3				

<sup>1</sup>1=All Plants Erect, 9=All Plants Lodged

<sup>2</sup>Number of Eggs/0.5 pt. of Soil

<sup>3</sup>The bold text and darker shading indicate that the yield of the variety is not statistically different from the top yielding variety

Table 19. Race 1 Soybean Cyst Nematode (SCN) Roundup Ready Soybean Variety Performance Summary  
 Research & Education Center Sussex County Gerogetown, Delaware

Planted 5/20/04 & Harvested 11/11/04 - Group IV Maturity						Performance Ranking for			Cyst Information				2004 Pooled	
Brand	Variety	Yield Bu/A.	Lodging <sup>1</sup>	Plant Height (in.)	Maturity Date	SCN Race 1	SCN Race 3	SCN Race 5	SCN Egg Counts At Planting <sup>2</sup>	SCN Egg Counts At Harvest	Reproductive Index	SCN Reaction	Yield Avg. Bu/A.	Rank
<b>UNISOUTH</b>	<b>USG7484NRR</b>	<b>54</b>	1.3	29.8	10/05	1	5	4	0	2208		R3, MR14	43	1
<b>DELTA &amp; PINE</b>	<b>DPX4891RR</b>	<b>52</b>	1.0	28.8	10/06	2	2	2	48	744.0	15.5	R3, 14	43	2
<b>UNISOUTH</b>	<b>USG7494NRR</b>	<b>49</b>	1.0	30.8	10/06	3	4	3	0	1464		R3, 14	42	3
<b>VIGORO</b>	<b>V49C5RR</b>	<b>48</b>	1.3	31.8	10/04	4	15	1	0	144.0		ALL RACES	42	4
<b>UNISOUTH</b>	<b>USG7489</b>	<b>48</b>	1.0	29.0	10/06	5	17	5	168	2304	13.7	CHECK	39	5
CLARK'S	CL482NRR	47	1.0	26.3	10/04	6	10	14	0	2472		R3, 14	37	10
UNISOUTH	USG7482NRR	46	1.0	29.0	10/05	7	12	15	240	4008	16.7	R3, 14	36	12
UNISOUTH	USG7443NRR	46	1.0	26.3	09/29	8	6	10	84	3732	45.3	R3, 14	39	8
SOUTHERN STATES	RT4230N	46	1.0	27.3	10/06	9	11	16	72	1104	15.3	R3, 14	36	16
SOUTHERN STATES	RT4502N	45	1.0	30.0	09/25	10	8	9	96	912.0	9.5	R3, 14	39	9
CLARK'S	CL412NRR	45	1.0	26.3	09/25	11	9	6	48	3888	81.0	R3, 14	39	7
DELTA & PINE	DPX04-4352RR	45	1.0	24.3	09/27	12	3	17	0	2496		R3	36	13
UNISOUTH	USG7499NRR	44	1.0	29.3	10/07	13	1	11	72	1608	22.3	R3, MR14	39	6
UNISOUTH	USG7423NRRSTS	43	1.0	24.3	09/24	14	14	13	216	3936	18.2	R3, MR14	36	15
SOUTHERN STATES	RT4810N	42	1.0	29.0	10/04	15	7	12	192	816.0	4.3	R3, 14	37	11
DELTA & PINE	DPX04-4162RR	41	1.0	26.0	09/27	16	13	19	368	3024	8.2	R3	33	17
UNISOUTH	USG7403NRR	39	1.0	23.7	09/29	17	16	8	96	768.0	8.0	R3, 14	36	14
DELTA & PINE	DPX99-1908RR	37	1.0	24.8	09/27	18	19	18	48	2736	57.0	NA	28	19
SOUTHERN STATES	RT4440N	29	1.0	26.0	10/01	19	20	20	0	4992		R3, 14	22	20

Statistics

Avg.	44.8	1.0	27.5		92	2354	25.7
L.S.D.(.05)	6.6		2.7			1505	
%C.V.	10	17	6.5		19	3.6	31.6

<sup>1</sup>1=All Plants Erect, 9=All Plants Lodged

<sup>2</sup>Number of Eggs/0.5 pt. of Soil

<sup>3</sup>The bold text and darker shading indicate that the yield of the variety is not statistically different from the top yielding variety

Table 20. Race 1 Soybean Cyst Nematode (SCN) Roundup Ready Soybean Variety Performance Summary  
 Research & Education Center Sussex County Gerogetown, Delaware

Planted 5/20/04 & Harvested 12/02/04 - Group V Maturity			Performance Ranking for			Cyst Information				2004 Pooled	
Brand	Variety	Yield Bu/A.	SCN Race 1	SCN Race 3	SCN Race 5	SCN Egg Counts At Planting <sup>2</sup>	SCN Egg Counts At Harvest	Reproductive Index	SCN Reaction	Yield Avg. Bu/A.	Rank
DELTA & PINE DPX	C00-114605RR	55	1	5	10	96	3749	39.1	R1	42	3
UNISOUTH	USG7514NRR	52	2	2	3	144	2136	14.8	R3, 14	43	1
DELTA & PINE DPX	C00-132820RR	50	3	8	2	480	6192	12.9	R1	40	5
DELTA & PINE DPX	C00-114622RR	49	4		4	528	5184	9.8	R1	39	7
DELTA & PINE	DP5643RR	49	5	3	1	168	792.0	4.7	R1, 3, 5	43	2
DELTA & PINE	DPX5808RR	49	6	7	6	288	864.0	3.0	R3, 14	39	8
UNISOUTH	USG510NRR	47	7	1	9	96	2568	26.8	MR3, 14	41	4
DELTA & PINE DPX	C00-110604RR	47	8	4	7	72	1680	23.3	R1	40	6
DELTA & PINE DP	X C00-73303RR	44	9		5	144	5856	40.7	NA	37	10
SOUTHERN STATES	RT4980	44	10	6	11	288	9840	34.2	CHECK	38	9

Statistics

Avg.	48.6	230	3886	20.9
L.S.D.(.05)				
%C.V.	12			

<sup>1</sup>1=All Plants Erect, 9=All Plants Lodged

<sup>2</sup>Number of Eggs/0.5 pt. of Soil

<sup>3</sup>The bold text and darker shading indicate that the yield of the variety is not statistically different from the top yielding variety