

**Table 2. Performance of Maturity Group IV Soybean Varieties on a Gigger Silt Loam Soil at the Macon Ridge Branch Station in 2007.**

Variety	Yield Bu/A			Maturity	Plant	Lodging <sup>1</sup>	Seed Quality <sup>2</sup>	Salt Damage <sup>3</sup>	Cercospora
	2007*	2006*	2-Yr Avg		Height <i>Inches</i>				Leaf Blight <sup>4</sup>
Dyna Gro DG 36Y48	<b>70*</b>	44	57	31-Aug	38	1.5	2.3	1.2	2.8
Dyna Gro DG 35Z49	<b>67*</b>	47	57	27-Aug	38	1.5	2.0	1.5	3.3
Croplan RC 4455	<b>66*</b>	50	58	27-Aug	38	1.5	2.3	1.2	5.3
<b>Delta King DK4968**</b>	<b>66*</b>	<b>60*</b>	<b>63**</b>	23-Aug	35	1.5	2.0	2.2	4.5
<b>Terral TV47R17**</b>	<b>65*</b>	<b>57*</b>	<b>61**</b>	23-Aug	39	1.5	2.0	1.2	4.8
Terral TVX47R018	<b>65*</b>	/	/	27-Aug	33	1.5	2.5	1.5	4.5
Deltagrow 4470RR/sts	<b>64*</b>	/	/	23-Aug	32	1.5	4.0	1.9	4.3
NC+ 4A42RR	63	55	59	23-Aug	36	1.5	2.3	1.2	4.8
Dyna Gro DG 37A44	63	53	58	27-Aug	36	1.5	2.3	1.9	4.0
Morsoy RT4914N	63	52	57	29-Aug	36	1.5	2.3	1.5	3.3
Terral TV48R14	63	56	59	27-Aug	36	1.5	2.3	1.2	4.3
Adler 492RRN	63	44	53	31-Aug	35	1.5	2.5	1.2	3.8
Deltapine DP 4450 RR	63	/	/	20-Aug	36	1.5	2.5	0.8	5.8
DeltaGrow 4970RR	63	51	57	31-Aug	38	1.5	3.0	1.2	3.8
Schillinger 467.RCP	62	/	/	27-Aug	31	1.5	2.5	2.5	5.3
Morsoy RTS4556N	62	/	/	27-Aug	32	1.5	2.8	1.9	4.3
Delta King DK4667	62	51	56	20-Aug	34	1.6	2.8	1.2	5.5
NC+ 4A65RS	62	53	57	31-Aug	32	1.5	3.3	0.9	4.5
Croplan RC 4444	62	56	59	27-Aug	34	1.5	3.0	1.9	4.5
Progeny 4906 RR	62	/	/	31-Aug	34	1.5	2.8	0.9	2.0
DeltaGrow 4660RR	62	52	57	27-Aug	39	1.6	2.8	2.2	5.0
Schillinger 495.RC	62	<b>60*</b>	61	31-Aug	33	1.5	2.5	1.5	3.5
Dyna Gro DG 33Y45	61	/	/	27-Aug	35	1.5	2.8	2.5	4.8
Terral TVX 47R118	61	/	/	27-Aug	36	1.5	2.5	0.9	4.5
Deltapine 4888 RR/S	61	<b>57*</b>	59	27-Aug	41	1.5	2.8	1.5	5.5
Progeny 4507 RR	61	/	/	20-Aug	32	1.5	2.8	2.2	5.0
Pioneer 94M80	61	56	58	23-Aug	32	1.5	2.3	0.9	4.8
Stine 4782-4	60	/	/	27-Aug	29	1.5	3.0	2.0	4.3
DeltaGrow 4770RR	60	<b>59*</b>	59	23-Aug	35	1.5	2.5	1.9	6.0
Morsoy RT4706N	60	/	/	29-Aug	31	1.5	3.0	1.9	4.0

Terral TV49R27	60	51	55	31-Aug	34	1.5	3.0	1.5	3.3
Progeny 4949 RR	60	50	55	29-Aug	38	1.5	2.3	1.2	3.8
S04-6008	60	/	/	27-Aug	34	1.5	3.0	2.2	3.8
Dyna Gro DG 37F46	60	52	56	23-Aug	36	1.6	3.0	1.9	6.0
MGP Exp 4808nRR	60	/	/	31-Aug	37	1.5	2.5	0.9	4.8
S04-6013	60	/	/	27-Aug	35	1.5	3.0	1.9	4.3
DeltaGrow 4840RR	59	35	47	27-Aug	32	1.5	3.0	2.5	5.0
DeltaGrow 4960RR	59	<b>64*</b>	61	31-Aug	37	1.5	2.0	1.2	2.5
Adler 432RRN	59	/	/	17-Aug	29	1.5	2.8	2.2	6.0
Dyna Gro DG 37P49	59	49	54	31-Aug	34	1.5	2.8	0.9	2.5
Terral TV44R27	59	55	57	20-Aug	38	1.5	2.5	1.2	5.3
Deltagrow 4460RR	59	51	55	31-Aug	39	1.5	3.0	1.8	5.8
Deltapine 4919 RR/S	59	<b>56*</b>	57	27-Aug	35	1.5	3.0	0.9	4.0
Morsoy RT4806N	59	/	/	27-Aug	34	1.5	2.3	2.2	4.5
S04-5969	58	/	/	23-Aug	35	1.5	2.5	2.2	5.3
Pioneer 94M31	58	45	51	23-Aug	32	1.5	3.0	1.5	5.8
Asgrow AG4405	58	/	/	17-Aug	29	1.5	2.0	1.2	6.3
NC+ 4A81RS	58	<b>57*</b>	57	31-Aug	32	1.5	3.5	1.2	3.3
HBK R4924	58	44	51	27-Aug	37	1.5	2.3	0.9	4.0
DeltaGrow 4780RR	58	/	/	29-Aug	30	1.5	3.0	1.2	3.8
Terral TVX 48R018	58	/	/	27-Aug	35	1.5	2.5	1.2	5.0
Terral TV46R15	57	54	55	20-Aug	35	1.5	2.5	1.9	5.3
Pioneer 94B73	57	56	56	27-Aug	35	1.5	3.0	2.5	4.8
Asgrow AG4404	57	52	54	31-Aug	32	1.5	2.8	2.5	5.3
Croplan RC 4992	57	51	54	31-Aug	44	1.5	2.3	1.2	3.5
Croplan RC 4955	57	53	55	30-Aug	38	1.5	3.0	0.9	2.0
Morsoy RT4707N	57	/	/	27-Aug	34	1.5	3.0	1.5	4.0
Croplan RC 4757	57	/	/	31-Aug	30	1.5	3.0	1.9	4.0
Progeny 4706 RR	57	55	56	24-Aug	37	1.5	3.0	1.9	4.8
Progeny 4807 RR	56	/	/	29-Aug	35	1.5	2.5	1.9	4.5
Dyna Gro DG 32R46	56	46	51	2-Aug	29	1.5	2.8	1.5	3.8
Asgrow AG4903	56	52	54	29-Aug	33	1.5	2.8	0.9	3.3
Deltapine DP 4546 RR	56	<b>62*</b>	59	29-Aug	38	1.5	2.0	0.8	3.8
SchillingerJGP49	56	/	/	23-Aug	34	1.5	2.3	2.5	4.8
Monsanto EXP648AX	56	/	/	30-Aug	36	1.5	3.5	1.9	3.5
Deltapine DPX 4334 RR	56	/	/	29-Aug	33	1.5	2.8	1.5	5.5

Dyna Gro DG 38X47	56	/	/	29-Aug	37	1.5	2.8	1.2	3.8
Deltapine DPX 4727 RR	56	/	/	29-Aug	35	1.5	3.0	1.9	3.5
Pioneer 94M71	56	/	/	20-Aug	38	1.5	2.5	1.2	4.5
Delta King DK4866	55	54	54	31-Aug	34	1.5	3.5	1.0	4.5
HBK R4527	55	/	/	17-Aug	34	1.5	2.0	0.9	6.3
Terral TVX45R018	55	/	/	20-Aug	36	1.5	2.3	3.3	6.5
HBK R4727	55	/	/	27-Aug	33	1.5	3.0	1.2	4.3
Asgrow AG4403	54	53	53	29-Aug	33	1.5	3.0	2.2	4.3
Schillinger 457.RCP	54	/	/	23-Aug	33	1.5	3.8	0.9	6.8
NK S46-U6	54	/	/	31-Aug	32	1.5	3.5	2.5	5.0
Delta King DK4763	54	51	52	31-Aug	32	1.5	2.8	1.9	4.8
DeltaGrow 4975LARR	54	56	55	31-Aug	36	1.5	2.8	1.2	2.8
Terral TV45R14	54	49	51	20-Aug	37	1.5	2.3	0.9	6.8
Dyna Gro DG 35B40	52	56	54	27-Aug	34	1.5	2.3	1.5	4.8
Terral TVX 45R118	52	/	/	23-Aug	29	1.5	2.3	3.2	6.0
Deltapine 4724 RR	52	55	53	27-Aug	34	1.5	2.5	1.8	4.5
Deltagrow 4150RR	52	53	52	27-Aug	31	1.5	2.8	1.9	4.8
Delta King DK4967	51	55	53	27-Aug	33	1.5	2.0	1.9	4.8
Asgrow AG4703	51	<b>61*</b>	56	27-Aug	34	1.5	2.8	1.5	4.0
Terral TVX 46R018	51	/	/	27-Aug	35	1.5	2.0	2.5	4.8
NK S43-B1	51	<b>57*</b>	54	29-Aug	35	1.5	3.3	1.8	4.5
HBK RX4843	50	/	/	23-Aug	37	1.5	2.8	1.2	6.5
Terral TV49R17	49	41	45	27-Aug	36	1.5	1.8	1.5	3.8
Asgrow DKB46-51	49	/	/	29-Aug	30	1.5	2.8	2.2	4.5
Delta King DK4567	48	45	46	31-Aug	35	1.5	3.0	1.9	4.5
Croplan RC4655	48	49	48	29-Aug	36	1.5	3.3	0.9	4.0
Dyna Gro DG 35D44	45	/	/	23-Aug	33	1.5	3.0	2.5	5.3
Deltapine DP 4112 RR/S	44	43	43	23-Aug	39	1.5	4.0	2.2	5.3
NK S49-W6	42	/	/	23-Aug	36	1.5	2.5	3.8	5.0
Average	58	52		26-Aug	34	1.5	2.7	1.6	4.5
C.V. %	9	12		5	9	3	18	38	15
L.S.D. (P=0.10)	6	7		8	4	0.1	0.6	0.7	1.1

\*Highest yielding varieties for respective year are in bold print with an asterisk (P=0.10).

\*\*Varieties within the highest yielding group for two consecutive years are in bold print with double asterisks (P=0.10).

<sup>1</sup>Lodging: 1=None to 5=Most Severe.

<sup>2</sup>Seed Quality: 1=Good to 5=Poor.

<sup>3</sup>Salt damage ratings, 1 = no visible damage, 5 = complete leaf desiccation or defoliation.

<sup>4</sup>Cercospora blight, 1 = no disease, 9 = severe disease.







