

**Table 4. Yield and agronomic performance of Maturity Group V Roundup Ready Soybean Varieties in 2005 on a Gigger silt loam soil at the Macon Ridge Branch of the Northeast Research Station in northeast Louisiana, Winnsboro.**

<b>Variety</b>	<b>2005</b>	<b>2-Yr Avg.</b>	<b>Maturity</b>	<b>Plant Height</b>	<b>Lodging<sup>1</sup></b>	<b>Seed Quality<sup>2</sup></b>	<b>Salt Damage<sup>3</sup></b>
	<i>Bu/A</i>	<i>Bu/A</i>	<i>Mo/Day</i>	<i>Inches</i>	<i>1-5</i>	<i>1-5</i>	<i>1-5</i>
Terral TVX59R302	73	--	9/20	36	1.5	1.3	1.0
Dyna-Gro 36N57	63	--	9/20	33	1.5	1.3	1.0
Terral TV52R14	61	63	9/10	34	1.8	1.3	1.0
Delta King DK5567	61	65	9/15	32	1.5	1.8	1.0
Deltapine DP 5634 RR	60	66	9/15	42	1.9	2.0	1.0
Terral TVX59R322	59	--	9/19	37	1.5	2.0	1.0
Delta King DK5366	57	63	9/22	36	1.9	2.0	1.0
Terral TV56R45	57	64	9/16	33	1.5	1.3	1.0
Terral TVX59R312	57	--	9/19	31	1.6	1.5	1.0
Terral TV59R14	56	63	9/20	38	1.5	1.5	1.3
Armor GP-555	56	--	9/20	36	1.5	1.3	1.0
Croplan Genetics RC 5892	56	62	9/19	41	1.9	1.8	1.0
Dyna-Gro 38K57	56	64	9/17	36	1.5	1.8	1.0
Delta King DK 55T6	56	64	9/25	37	1.5	1.8	1.3
Dyna-Gro 3583	55	60	9/21	37	1.5	2.0	1.4
Delta Grow 5650RR	55	61	9/16	35	1.5	2.0	1.0
Dyna-Gro 33X55	55	--	9/18	34	1.5	1.3	1.0
Delta Grow 5830RR	54	--	9/16	39	1.5	2.0	1.0
S56-D7	54	61	9/23	38	1.5	2.0	1.0
Progeny 5822RR	54	60	9/22	36	1.5	2.3	1.0
Dyna-Gro 3535	54	63	9/19	30	1.5	1.5	1.0

MorSoy RT5553N	54	59	9/17	39	1.5	1.8	1.0
Croplan Genetics RC 5972	54	63	9/20	38	1.5	2.0	1.3
Asgrow AG 5905	54	62	9/20	38	1.5	2.0	1.0
Delta Grow 5960RR	53	62	9/22	33	1.5	2.0	1.0
Hornbeck HBK R5525	53	--	9/16	32	1.5	2.0	1.0
Armor GP-530	53	--	9/9	40	1.8	1.5	1.0
Deltapine DP 5414 RR	52	61	9/16	38	1.8	2.5	1.0
Terral TV57R14	52	60	9/15	37	1.5	1.8	1.0
Delta King DK5466	52	--	9/16	29	1.5	1.5	1.0
Delta Grow 5555RR	52	61	9/16	37	1.6	2.0	2.3
Deltapine DP 5915 RR	52	61	9/22	33	1.5	2.0	1.0
Delta King DK 5967	51	59	9/22	37	1.5	1.8	1.3
Armor 54-03	51	--	9/13	30	1.5	1.5	1.0
Deltapine DPX 5115 RR/S	50	--	9/6	39	1.6	2.0	2.4
Progeny 5622RR	50	60	9/22	31	2.0	2.0	1.0
Progeny 5250RR	49	58	9/7	29	1.5	1.5	1.0
MorSoy RT5773N	48	59	9/16	31	1.5	2.0	1.0
Hornbeck HBK R5924	48	63	9/20	38	1.5	1.5	1.0
ARX B57104	47	--	9/18	33	1.5	1.3	1.0
Pioneer 95M50	47	--	9/6	33	1.5	2.0	1.0
MorSoy RT5620N	46	--	9/16	34	1.5	1.8	1.6
Deltapine DP 5806 RR	45	54	9/23	44	1.5	2.5	1.3
Dyna-Gro 3562	45	57	9/17	29	1.8	1.8	1.5
Pioneer 95M80	44	56	9/19	36	1.5	1.5	1.8
Croplan Genetics RC 5555	43	56	9/14	39	2.0	1.5	1.0
Asgrow AG5903	43	57	9/15	38	1.5	2.3	1.3
Armor GP-513	42	--	8/30	32	1.5	1.8	1.4
Progeny 5660RR	41	57	9/18	37	2.0	1.5	2.8
Progeny 5605RR	40	--	9/20	36	1.4	2.3	1.0
Deltapine DP 5808 RR	40	53	9/20	37	1.5	1.8	2.6
MorSoy RT5903N	39	54	9/19	29	1.3	1.5	1.3

Terral TV55R15	38	50	9/18	36	1.5	1.5	3.5
Delta Grow 5630RR	36	55	9/20	38	1.5	1.5	2.6
Dyna-Gro 33B52	36	54	9/8	31	1.5	1.5	2.4
Hornbeck HBK R5425	34	--	9/7	47	2.6	1.8	4.0
Delta King DK5161	34	52	9/6	28	1.4	1.8	2.5
Progeny 5005RR	33	--	8/22	39	1.4	2.0	4.3
Delta King DKXJ6501	33	--	8/21	37	1.4	2.5	4.8
Progeny 5115RR	32	--	8/24	42	1.0	2.5	4.3
Delta Grow 5160RR	31	--	8/23	39	1.4	2.3	5.0
Delta Grow 5560RR	31	--	9/4	32	1.5	1.8	5.0
Armor 53-K3	31	--	9/5	30	1.5	2.0	4.3
Progeny 5105RR	30	--	8/28	40	1.4	2.5	4.3
Hornbeck HBK R5324	27	44	9/7	31	1.1	1.8	5.0
Delta King DK5066	26	--	8/22	38	1.6	2.5	4.1
Hornbeck HBK R5123	25	41	9/14	48	2.9	2.3	4.8
Terral TVX51R50	25	--	8/25	40	1.1	2.8	4.8
Terral TV56R12	25	45	9/13	37	1.6	1.5	3.9
Terral TV58R12	22	43	9/11	38	1.9	2.3	4.5
Garst 5212RR/N	21	42	8/28	36	1.5	2.3	5.0

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<b>Overall Average</b>	<b>46</b>		<b>9/14</b>	<b>36</b>	<b>1.6</b>	<b>1.8</b>	<b>2.0</b>
<b>C.V. (%)</b>	<b>12</b>		<b>1</b>	<b>9</b>	<b>16</b>	<b>32</b>	<b>22</b>
<b>L.S.D. (p=0.10)</b>	<b>5</b>		<b>2</b>	<b>3</b>	<b>0.2</b>	<b>0.5</b>	<b>0.4</b>

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<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 foliage desiccation to 5=100% leaf desiccation and defoliation.