

2005 Early Season Roundup Resistant Soybean Variety Test

Bixby, OK

Variety ⁴	Maturity Group	Harvest Date	Height in Inches	Shattering ³ Score	Lodging ³ Score	Seeds/Lb.	Yield in ¹ Bu/Acre
AG 4403	4.4	9/20	28	0	0	3850	24.6
DG3463NRR	3.4	9/20	25	0	0	3700	22.5
AG 4404	4.4	9/20	26	0	0	3600	22.3
AG 3905	3.9	9/20	26	0	0	3950	19.9
AG 3802	3.8	9/8	29	0	0	4100	11.1
DKB36-52	3.6	9/8	25	0	0	3750	10.8
93M92	3.9	9/8	23	0	0	3500	10.7
AG 3602	3.6	9/8	25	0	0	4050	8.5
93M51	3.5	9/8	23	0	0	3500	7.8

¹Mean yield = 15.3 Bu/Acre. LSD @ .05 = 1.9 Bu/Acre. C.V. = 7.2 %. ²Planted May 5, 2005 on a 30" row spacing. Harvested as ready. No supplemental irrigation used at this location. ³0 = no shattering or lodging, 5 = very severe shattering or lodging. ⁴Varieties 39M51 and 93M92 are from Pioneer Hi-Bred International Inc.; Asgrow AG3602, AG3802, AG3905, AG4403, AG4404, and Dekalb DKB36-52 are from Monsanto; DynaGro 3463NRR is from UAP Southwest DynaGro Seed Co.

Chickasha, OK

Variety ⁴	Maturity Group	Harvest Date	Height in Inches	Shattering ³ Score	Lodging ³ Score	Seeds/Lb.	Yield in ¹ Bu/Acre
AG 4403	4.4	11/3	28	2	0	3100	21.7
93M92	3.9	9/7	24	0	0	2650	17.5
AG 3802	3.8	9/7	26	0	0	3850	16.4
AG 4404	4.4	11/3	27	1	0	3150	15.9
93M51	3.5	9/7	26	0	0	3200	15.3
AG 3905	3.9	11/3	24	1	0	2950	14.2
DG3463NRR	3.4	11/3	28	2	0	3350	13.7
AG 3602	3.6	9/7	22	0	0	3800	11.6
DKB36-52	3.6	9/7	21	0	0	3250	11.6

¹Mean yield = 15.3 Bu/Acre. LSD @ .05 = 2.4 Bu/Acre. C.V. = 9.1 %. ²Planted May 10, 2005 on a 30" row spacing. Harvested as ready. No supplemental irrigation used at this location. ³0 = no shattering or lodging, 5 = very severe shattering or lodging. ⁴Varieties 39M51 and 93M92 are from Pioneer Hi-Bred International Inc.; Asgrow AG3602, AG3802, AG3905, AG4403, AG4404, and Dekalb DKB36-52 are from Monsanto; DynaGro 3463NRR is from UAP Southwest DynaGro Seed Co.

Haskell, OK

Variety ⁴	Maturity Group	Harvest Date	Height in Inches	Shattering ³ Score	Lodging ³ Score	Seeds/Lb.	Yield in ¹ Bu/Acre
AG 4404	4.4	8/29	30	0	1	4000	51.4
AG 3905	3.9	8/29	33	0	0	3650	48.0
DG3463NRR	3.4	10/3	36	0	1	3600	46.4
DKB36-52	3.6	8/29	30	0	0	3700	45.5
93M92	3.9	8/29	32	0	1	3600	45.4
AG 3802	3.8	8/29	35	0	0	3650	42.5
AG 3602	3.6	8/29	29	0	0	4150	38.6
93M51	3.5	8/29	30	0	1	3400	37.2
AG 4403	4.4	10/3	33	0	1	3950	30.5

¹Mean yield = 42.8 Bu/Acre. LSD @ .05 = 3.9 Bu/Acre. C.V. = 5.3 %.

²Planted April 20, 2005 on a 30" row spacing. Harvested as ready. No supplemental irrigation used at this location.

³0 = no shattering or lodging, 5 = very severe shattering or lodging.

⁴Varieties 39M51 and 93M92 are from Pioneer Hi-Bred International Inc.; Asgrow AG3602, AG3802, AG3905, AG4403, AG4404, and Dekalb DKB36-52 are from Monsanto; DynaGro 3463NRR is from UAP Southwest DynaGro Seed Co.

Lahoma, OK

Variety ⁴	Maturity Group	Harvest Date	Height in Inches	Shattering ³ Score	Lodging ³ Score	Seeds/Lb.	Yield in ¹ Bu/Acre
DG3463NRR	3.4	11/7	26	1	0	3400	34.4
AG 4403	4.4	11/7	27	2	0	3500	32.9
AG 3905	3.9	11/7	27	2	0	3250	27.5
AG 4404	4.4	9/6	24	0	0	3650	22.5
93M92	3.9	9/6	24	0	0	2900	21.0
AG 3802	3.8	9/6	23	1	0	4100	18.3
93M51	3.5	9/6	22	1	0	3600	17.5
DKB36-52	3.6	9/6	22	1	0	3600	15.9
AG 3602	3.6	9/6	22	1	0	3900	13.2

¹Mean yield = 22.6 Bu/Acre. LSD @ .05 = 2.6 Bu/Acre. C.V. = 6.6 %.

²Planted April 18, 2005 on a 30" row spacing. Harvested as ready. No supplemental irrigation used at this location.

³0 = no shattering or lodging, 5 = very severe shattering or lodging.

⁴Varieties 39M51 and 93M92 are from Pioneer Hi-Bred International Inc.; Asgrow AG3602, AG3802, AG3905, AG4403, AG4404, and Dekalb DKB36-52 are from Monsanto; DynaGro 3463NRR is from UAP Southwest DynaGro Seed Co.