

2003 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
Asgrow AG3701	III	9/9	27	0	0	4550	22.6
DKB 44-51	IV	10/14	27	1	0	4600	21.0
Asgrow AG3905	III	10/14	29	0	0	4600	20.4
Asgrow AG3801	III	9/9	24	0	0	3800	20.1
DKB 40-51	IV	10/14	26	1	0	4050	18.6
93M80	III	9/9	29	1	0	4000	16.3
Asgrow AG3202	III	9/9	28	0	0	4300	15.9
93B85	III	9/9	27	0	0	4500	15.2
DKB 38-52	III	9/9	20	2	0	4350	14.7
DKB 37-51	III	9/9	21	0	0	4100	10.3

¹Mean yield = 17.5 Bu/acre. LSD @ .05 = 3.5 Bu/acre. C.V. = 11.5%

²Planted April 17, 2003 on a 30" row spacing. No supplemental irrigation used at this location. Harvested all plots as ready.

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

⁴Varieties 93B85 and 93M80 are from Pioneer Hi-Bred International Inc.; Asgrow AG3202, AG3701, AG3801, AG3905, Dekalb DKB 37-51, DKB 38-52, DKB 40-51, and DKB 44-51 are from Monsanto.

Chickasha, OK

Variety ⁴	Maturity Group	Harvest Date	Height in Inches	Shattering ³ Score	Lodging ³ Score	Seeds/Lb.	Yield in ¹ Bu/Acre
DKB 44-51	IV	9/8	30	0	0	4350	29.0
Asgrow AG3801	III	8/15	25	0	0	4500	24.8
93M80	III	8/15	30	0	0	3850	21.7
DKB 40-51	IV	9/8	31	0	0	4600	20.8
Asgrow AG3202	III	8/15	26	0	0	4350	20.1
DKB 38-52	III	9/8	25	2	0	4500	18.9
Asgrow AG3905	III	9/8	29	1	0	4300	17.6
Asgrow AG3701	III	8/15	27	0	0	4850	17.4
DKB 37-51	III	8/15	25	0	0	4200	17.1
93B85	III	8/15	24	0	0	4650	14.3

¹Mean yield = 20.2 Bu/acre. LSD @ .05 = 3.7 Bu/acre. C.V. = 10.7%²Planted April 10, 2003 on a 30" row spacing. Supplemental irrigation used as needed at this location. Harvested all plots as ready.³0 = no shattering or lodging, 5 = very severe shattering or lodging.⁴Varieties 93B85 and 93M80 are from Pioneer Hi-Bred International Inc.; Asgrow AG3202, AG3701, AG3801, AG3905, Dekalb DKB 37-51, DKB 38-52, DKB 40-51, and DKB 44-51 are from Monsanto.

Haskell, OK

Variety ⁴	Maturity Group	Harvest Date	Height in Inches	Shattering ³ Score	Lodging ³ Score	Seeds/Lb.	Yield in ¹ Bu/Acre
DKB 38-52	III	8/6	25	0	0	4750	22.5
93M80	III	8/6	28	0	0	4250	20.7
Asgrow AG3801	III	8/6	22	0	0	4550	20.7
Asgrow AG3202	III	8/6	24	0	0	4350	20.5
DKB 40-51	IV	8/19	25	0	0	4550	18.8
Asgrow AG3701	III	8/6	27	0	0	4850	18.4
Asgrow AG3905	III	8/19	30	0	0	4750	18.3
DKB 37-51	III	8/6	26	0	0	4600	17.8
93B85	III	8/6	25	0	0	4600	17.2
DKB 44-51	IV	8/19	24	0	0	4950	16.3

¹Mean yield = 19.1 Bu/acre. LSD @ .05 = 2.8 Bu/acre. C.V. = 8.6%.

²Planted April 8, 2003 on a 30" row spacing. No supplemental irrigation used at this location. Harvested all plots as ready.

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

⁴Varieties 93B85 and 93M80 are from Pioneer Hi-Bred International Inc.; Asgrow AG3202, AG3701, AG3801, AG3905, Dekalb DKB 37-51, DKB 38-52, DKB 40-51, and DKB 44-51 are from Monsanto.

Lahoma, OK

Variety ⁴	Maturity Group	Harvest Date	Height in Inches	Shattering ³ Score	Lodging ³ Score	Seeds/Lb.	Yield in ¹ Bu/Acre
93B85	III	9/24	19	1	0	3900	16.1
DKB 37-51	III	9/24	19	0	0	3450	15.8
Asgrow AG3905	III	10/27	25	3	0	2450	15.0
Asgrow AG3701	III	9/24	22	1	0	3450	13.9
DKB 44-51	IV	10/27	25	3	0	3150	13.6
DKB 40-51	IV	10/27	25	3	0	2500	12.5
Asgrow AG3801	III	9/24	18	1	0	3700	11.6
DKB 38-52	III	10/27	23	3	0	3400	11.3
93M80	III	9/24	23	1	0	3350	9.6
Asgrow AG3202	III	9/24	19	1	0	3600	9.5

¹Mean yield = 12.9 Bu/acre. LSD @ .05 = 4.2 Bu/acre. C.V. =18.9 %

²Planted April 9, 2003 on a 30" row spacing. No supplemental irrigation used at this location. Harvested all plots as ready.

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

⁴Varieties 93B85 and 93M80 are from Pioneer Hi-Bred International Inc.; Asgrow AG3202, AG3701, AG3801, AG3905, Dekalb DKB 37-51, DKB 38-52, DKB 40-51, and DKB 44-51 are from Monsanto.