

2007 Limited Irrigated* Early Maturity Soybean Variety Performance at Rocky Ford¹

Hybrid	Yield ²	Moisture	Test	
			Weight	Shattering ³
	bu/ac	%	lb/bu	(1-10)
NK Brand S08-C3	48.9	10.7	59.1	0.8
Dyna-Gro 33X19	48.1	11.7	56.8	2.0
Dyna-Gro 39D11	43.2	12.5	57.2	0.7
Roughrider Genetics RG604RR	42.3	11.8	58.2	2.3
NK Brand S14-A7	39.9	12.3	57.2	1.2
NK Brand S02-M9	39.5	12.4	57.5	2.0
Dyna-Gro 36P10	38.9	12.9	58.1	4.0
Dyna-Gro 32K16	38.1	12.1	54.9	2.7
NK Brand S12-V7	35.0	10.3	60.8	3.0
Roughrider Genetics RG607RR	32.0	10.5	57.9	4.0
Roughrider Genetics RG200RR	29.4	11.9	58.9	4.0
Roughrider Genetics RG405RR	27.8	11.7	58.3	4.7
Roughrider Genetics RG600RR	27.4	12.1	56.5	3.3
Roughrider Genetics RG601NRR	26.5	11.2	58.8	3.7
Dyna-Gro 33T06	24.6	14.0	55.8	5.0
Roughrider Genetics RG603RR	24.1	12.7	57.5	8.0
Roughrider Genetics RG6008RR	20.6	11.9	57.3	5.0
Average	34.5	11.9	57.7	3.3
⁴ LSD _(0.30)	3.8	0.52	1.06	
⁴ LSD _(0.05)	7.3	1.00	2.05	

*Total water received (precipitation plus irrigation) = 11 inches

¹Trial conducted at the Arkansas Valley Research Center; seeded 5/14 and harvested 9/24.

²Yields corrected to 13% seed moisture.

³Rating scale 1-10, with 1 = no shatter and 10 = completely shattered.

⁴LSD_(0.30) is more useful for producers using these results to select a variety but some seed company collaborators wish to use LSD_(0.05).

Site Information

Plot Size: 7.5' x 32' with 30" row spacing

Seeding Rate: 130,000 seeds/ac

Herbicide: Dual Magnum/Round-up

Comments: There was good moisture in the seedbed (and probably the top foot of soil) at planting. The soybean plants emerged before the first irrigation, i.e., in less than one week.

There was a severe woolly bear caterpillar infestation, which started in early August and resulted in complete defoliation five to six weeks later.