

## **2007 Limited Irrigated\* Medium Maturity Soybean Variety Performance at Rocky Ford<sup>1</sup>.**

Hybrid	Yield <sup>2</sup>	Moisture	Test	
			Weight	Shattering <sup>3</sup>
	bu/ac	%	lb/bu	(1-10)
Dyna-Gro 36F22	44.9	9.1	57.4	0.7
Dyna-Gro 37Y21	43.5	10.0	57.8	0.8
Dyna-Gro 35F25	41.4	8.9	58.8	2.8
Dyna-Gro 31D20	40.9	9.5	57.7	0.7
Dyna-Gro 36C28	38.2	9.7	58.4	0.7
Dyna-Gro 37T26	37.3	9.6	58.5	1.5
Dyna-Gro 33D27	36.5	9.0	58.3	0.8
<b>Average</b>	<b>40.4</b>	<b>9.4</b>	<b>58.1</b>	<b>1.1</b>
<sup>4</sup> LSD <sub>(0.30)</sub>	4.2	0.61	0.61	
<sup>4</sup> LSD <sub>(0.05)</sub>	8.4	1.23	1.22	

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

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

<sup>2</sup>Yields corrected to 13% seed moisture.

<sup>3</sup>Rating scale 1-10, with 1 = no shatter and 10 = completely shattered.

<sup>4</sup>LSD<sub>(0.30)</sub> is more useful for producers using these results to select a variety but some seed company collaborators wish to use LSD<sub>(0.05)</sub>.

### **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.