

**Table 2. 2008 Pinto Bean Variety Performance Trial at Proctor.**

Variety	Source	Yield <sup>1</sup> lb/ac	Test		Stand <sup>2</sup>
			Weight lb/bu	Seed/lb No.	
GTS-904	Gentec Inc	2401	69.2	1085	7
PT 06189	AmeriSeed	2334	59.3	1262	8
GTS-903	Gentec Inc	2327	58.8	1255	8
PT 99195MR	AmeriSeed	2303	61.6	1305	8
P252215	ADM-Seedwest	2192	59.7	1203	7
Montrose	Colorado State University	2189	61.1	1230	7
P35161	ADM-Seedwest	2172	58.5	1353	8
PT Sonora	AmeriSeed	1977	60.5	1400	7
PT 06203	AmeriSeed	1960	61.3	1305	9
P223217	ADM-Seedwest	1945	59.2	1240	7
PT Poncho	Syngenta Seeds, Inc	1922	60.1	1153	8
CO 33546	Colorado State University	1882	58.2	1155	7
Bill Z	Colorado State University	1881	59.5	1212	9
Santa Fe	Michigan Crop Improvement Assn.	1862	58.0	1113	7
Grand Mesa	Colorado State University	1852	60.3	1378	8
Kimberly	University of Idaho	1851	60.0	1327	7
PT 06185	AmeriSeed	1790	60.5	1318	8
P232219	ADM-Seedwest	1787	59.3	1252	7
CO 48049	Colorado State University	1768	56.9	1248	8
PT La Paz	AmeriSeed	1767	56.5	1387	8
Lariat	North Dakota State University	1764	57.5	1095	7
CO 33911	Colorado State University	1732	58.3	1358	8
PT 99217	AmeriSeed	1677	60.1	1145	8
CO 24940	Colorado State University	1643	55.2	1163	8
PT 05200	AmeriSeed	1554	59.8	1280	8
PT 06206	AmeriSeed	1545	59.0	1173	7
Stampede	North Dakota State University	1529	57.4	1598	6
PT 01223	AmeriSeed	1525	55.4	1432	10
PT Baja	AmeriSeed	1520	59.0	1245	8
Croissant	Colorado State University	1501	58.1	1345	9
PT Durango	AmeriSeed	1440	58.1	1107	8
CO 29258	Colorado State University	1413	58.6	1183	8
CO 24601	Colorado State University	1397	59.0	1202	8
Shoshone	University of Idaho	1308	54.6	1285	8
PT Buckskin	Syngenta Seeds, Inc	1278	58.5	1177	7
	<b>Average</b>	<b>1800</b>	<b>59.1</b>	<b>1256</b>	<b>8</b>

Previous Crop: corn

Fertilizer: none

Herbicide: Valor, Parrallel, Raptor, Basagram

Fungicide: Nucop

Plot Size: 10' x 31'

Seeding Rate: 85,000 seeds/acre

Irrigation: pivot

Date of Harvest: 9/23/2008

Date of Planting: 6/2/2008

Yield<sup>1</sup> Yield results are indicative of yield trends only as yield could not be interpreted statistically due to field variation.

Variable plant stands led to serious weed infestation in parts of some plots so overall yields were low.

Consequently a fair comparison of variety performance could not be made.

Stand establishment<sup>2</sup>: plant stands were visually evaluated mid-season for percent of plot stand establishment.

Some plots resulted in acceptable stands, many did not and those plots were most seriously invaded by weeds.

Stand establishment evaluation scale: 1= 0-10%; 2= 10-20%; 3= 20-30%; 4= 30-40%; 5= 40-50%;

6= 50-60%; 7= 60-70%; 8= 70-80%; 9= 80-90%; 10= 90-100%.