

**2008 Pinto Bean Variety Performance Trial at Yuma.**

Variety	Source	Test		
		Yield	Weight	Seeds/lb
		<u>lb/ac</u>	<u>lb/bu</u>	<u>number</u>
PT 99195MR	AmeriSeed	5046	64.5	1215
Bill Z	Colorado State University	4910	63.1	1182
Montrose	Colorado State University	4854	61.7	1075
P35161	ADM-Seedwest	4564	62.1	1187
P252215	ADM-Seedwest	4519	61.9	1108
PT 99217	AmeriSeed	4482	63.5	1038
Lariat	North Dakota State University	4472	63.1	1025
PT Durango	AmeriSeed	4457	62.5	1068
Grand Mesa	Colorado State University	4450	61.6	1208
PT Poncho	Syngenta Seeds, Inc	4432	63.4	1058
PT Sonora	AmeriSeed	4356	63.1	1307
Shoshone	University of Idaho	4316	58.7	1162
Kimberly	University of Idaho	4298	64.3	1283
PT 06189	AmeriSeed	4192	63.5	1227
PT 05200	AmeriSeed	4181	63.2	1177
P232219	ADM-Seedwest	4140	61.6	1167
P223217	ADM-Seedwest	4100	62.6	1132
PT 06185	AmeriSeed	4029	64.2	1232
PT Buckskin	Syngenta Seeds, Inc	4024	62.4	1142
Santa Fe	Michigan Crop Improvement Assn.	4018	59.8	1070
Stampede	North Dakota State University	4015	61.9	1083
CO 34142	Colorado State University	4002	62.7	1086
PT La Paz	AmeriSeed	3804	63.9	1325
PT Baja	AmeriSeed	3730	62.7	1145
Croissant	Colorado State University	3700	62.7	1108
CO 33911	Colorado State University	3667	61.3	1135
GTS-903	Gentec Inc	3564	63.1	1138
CO 24601	Colorado State University	3551	62.0	1072
GTS-904	Gentec Inc	3513	63.1	1045
CO 48049	Colorado State University	3512	62.4	1222
PT 06203	AmeriSeed	3485	63.1	1270
PT 06206	AmeriSeed	3443	62.5	1155
CO 33546	Colorado State University	3365	58.0	1008
PT 01223	AmeriSeed	3130	61.8	1325
CO 24940	Colorado State University	2996	60.9	1045
CO 29258	Colorado State University	2868	60.9	1117
<b>Average</b>		<b>4005</b>	<b>62.3</b>	<b>1148</b>
LSD <sub>(0.30)</sub>		406		

Experimental Design: randomized complete block, 3 replications

Plot Size: 5' x 31'

**Site Information**

Collaborator: Richard Wacker

Soil Type: N/A  
Previous Crop: Corn  
Planting Date: 6/10/08  
Seeding Rate: 85,000 seeds/ac  
Irrigation: sprinkler  
Fertilization: N-P-K-S-Zn (74-73-37-23-12) lbs/ac  
Herbicide: Eptam (3 pints/ac); Sonalan (2 pints/ac) Raptor (3g/ac); Basagram (12g/ac); Outlook (14g/ac)  
Insecticide: none  
Fungicide: Headline (8g/ac); Capture (3g/ac); Copper: 2 treatments (1.5 pints/ac each application)  
Harvest Date: 9/25/08

Yields corrected to 14 % moisture.