

**2010 Dry Bean Variety Trial – Continuously Cropped - No-till**

**Hettinger**

Variety	Days to Bloom	Lodging	1000 Seed wt.	Test Weight	Seed Yield			Average Yield	
					2008	2009	2010	2 yr	3 yr
<b><i>Pinto</i></b>	*	0-9**	grams	lbs/bu	----- Pounds per acre -----				
Lapaz	59	2.5	314	56.9	628	1889	1995	1942	1504
Maverick	54	4.0	304	55.2	552	1808	1987	1898	1449
Lariat	57	5.5	315	56.1	568	1540	2122	1831	1410
GTS 900	58	5.0	300	58.3	539	1636	1847	1742	1341
Buster	53	3.0	328	54.5	515	1566	1896	1731	1326
Stampede	54	5.0	318	52.4	626	1745	1559	1652	1310
Othello	52	3.0	327	47.2	696	1496	1650	1573	1281
Sonora	54	2.5	270	55.8			2076		
Medicine Hat	54	2.5	324	55.1			2066		
Mariah	56	2.5	315	57.5			1991		
Windbreaker	54	2.5	356	53.7			1942		
Santa Fe	54	3.5	343	52.8			1295		
<b><i>Navy</i></b>									
Vista	59	6.0	149	54.8	544	1401	1611	1506	1185
Avalanche	58	3.3	177	57.3	447	1474	1556	1515	1159
Norstar	56	6.0	166	57.8	544	1257	1441	1349	1081
Ensign	57	6.0	171	56.9	504	1207	1380	1294	1030
Navigator	59	4.3	151	55.5	428	1131	1340	1236	966
Seahawk	58	6.0	174	55.5	453	1067	1349	1208	956
HMS Medalist	59	5.3	149	57.9			1447		
Mayflower	58	5.0	159	53.4			973		
<b><i>Black</i></b>									
Eclipse	59	2.5	166	57.4	449	1343	1784	1564	1192
Jaguar	58	2.0	158	56.6	377	1341	1768	1554	1162
T-39	59	5.0	167	57.7	391	1334	1591	1462	1105
Zorro	58	2.5	170	57.8		1413	2043	1728	
Loreto	58	2.5	177	57.7			1227		
<b><i>Pink</i></b>									
Sedona	58	5.5	294	49.4	391	803	838	820	677
<b><i>Great Northern</i></b>									
Matterhorn	54	2.5	307	54.7	548	1459	1904	1682	1304
<b><i>Small Red</i></b>									
Merlot	54	3.5	288	54.7	525	675	1589	1132	930
Trial Mean	57	4.0	55.3	238	516	1378	1640	--	--
C.V. %	1.9	31	4.4	3.2	23	10.6	6.1	--	--
LSD .05	1	2.1	4.0	13	165	208	165	--	--
LSD .01	2	2.8	5.4	17	NS	276	222	--	--

\* Days to mature = the number of days from planting to 10% bloom.

\*\* Lodging: 0 = none, 9 = lying flat on the ground. NS = no statistical difference between varieties.

Planting Date: May 19 Harvest Date: September 3

Seeding Rate: 100,000 live seeds / acre (approx. 60 lbs/A).

Previous Crop: 2007 & 2008 = hrsw, 2009 = barley.

Note: The 2008 trial sustained severe drought. The 2009 trial sustained moderate hail damage.