

**NDSU Carrington Research Extension Center
2013 Variety Trial Data**

Dry Edible Bean - Dryland								Carrington	
Variety	Market Class	Days to PM	Growth Habit ¹ 1 to 9	Direct Harvest ² %	Plant Height ³ inch	Seeds/ Pound	Seed Weight gram/100	----- Seed Yield -----	
								2013	3-yr. Avg.
								2013	----- lb/ac -----
LaPaz	Pinto	88.3	6.8	73	23.3	1495	30.4	2806	2683
Lariat	Pinto	87.5	5.3	65	22.4	1390	32.7	2711	2728
Stampede	Pinto	85.8	6.5	70	19.9	1408	32.3	2539	2475
Maverick	Pinto	85.3	3.8	53	17.0	1464	31.0	2621	2422
ND-307	Pinto	86.7	5.3	63	19.2	1354	33.6	2720	2656
Medicine Hat	Pinto	85.3	4.5	58	18.0	1325	34.4	2571	2210
Windbreaker	Pinto	84.0	4.5	55	17.1	1374	33.2	2483	2456
Sinaloa	Pinto	86.3	4.3	58	18.4	1536	29.7	2630	--
HMS Medalist	Navy	89.0	6.0	75	20.9	2763	16.5	2030	2289
Avalanche	Navy	87.5	6.3	70	20.6	2579	17.6	2007	2064
Ensign	Navy	87.0	4.0	55	18.3	2638	17.3	2159	2439
Vista	Navy	88.3	6.8	75	22.1	2835	16.1	2243	2259
T9905	Navy	87.8	6.3	70	21.6	2539	17.9	2247	--
Navigator	Navy	88.5	6.5	70	21.9	2750	16.5	2037	--
Eclipse	Black	87.3	6.8	73	20.6	2573	17.7	2768	2420
Merlot	Small Red	88.8	6.0	70	21.9	1518	30.0	2037	2154
Sedona	Pink	90.3	3.0	48	17.7	1646	27.9	1892	2122
Loreto	Black	88.8	7.0	78	21.9	2513	18.1	2159	2102
Zorro	Black	89.0	6.5	78	21.6	2503	18.2	2460	2266
Rio Rojo	Small Red	87.5	6.3	70	20.7	1795	25.3	2055	--
MEAN			5.5	65.0	19.9	1998	24.8	2311	--
C.V. (%)			13.3	10.8	8.7	6.0	6.1	17.5	--
LSD 0.10			0.9	8	2.1	141	1.8	477	--
LSD 0.05			1.0	10	2.5	169	2.1	571	--

Planting Date = June 3 ; Harvest Date = September 13 ; Previous Crop = Spring Wheat.

¹ Growth Habit : Scored on scale of 1 to 9. 1 = shorter stature plant, pods lower to ground, moderate vining. 9 = very upright plant stature, pods held well off ground.

² Direct Harvest : A relative score to estimate % beans that would be successfully harvested in a direct/straight harvest system.

³ Plant heights represent the height at the top of the plant canopy when the variety was mature.

* The variety Norstar was evaluated in this trial, however data is not reported as the seed quality of seedlot received for trial was quite poor.