

**NDSU Carrington Research Extension Center
2008 Variety Trial Data**

Dry Edible Bean - Irrigated **Carrington**

Variety ¹	Market Class	Days to Bloom	Days to PM	Plant Height inch	Direct Harvest ² %	Growth Habit ³ 1 to 9	Stem Break ⁴ %	Seeds/ Pound	Seed Weight gram/100	Test Weight lb/bu	- Seed Yield -	
											2008	3-yr. Avg. lb/ac
Avalanche	Navy	66.0	104.0	24.0	71.3	6.0	4	2479	18.4	66.1	1907	--
Buster	Pinto	62.5	99.5	26.2	47.5	2.3	5	1313	34.6	62.6	2870	3086
Eclipse	Black	67.8	100.8	21.1	70.0	7.0	1	2698	16.8	64.6	2137	2689
Ensign	Navy	68.0	103.3	22.2	60.0	3.5	5	2408	18.9	65.6	2847	--
GTS 900	Pinto	64.5	103.5	28.1	61.3	3.3	3	1460	31.1	63.0	2626	2858
Jaguar	Black	66.8	101.0	20.9	71.3	5.8	0	2798	16.4	65.3	2075	--
Lapaz	Pinto	67.5	105.5	29.9	70.0	6.5	5	1535	29.6	64.0	2716	--
Lariat	Pinto	62.0	101.0	32.5	70.0	5.0	2	1212	37.5	63.1	3188	3379
Matterhorn	G. Northern	63.5	102.8	22.8	60.0	4.3	3	1473	30.9	61.2	2544	--
Merlot	Small Red	61.8	100.8	21.9	60.0	3.5	11	1269	35.8	63.0	2555	--
ND307	Pinto	63.3	101.0	24.6	65.0	4.3	3	1192	38.1	60.3	2824	3017
Navigator	Navy	67.8	105.8	25.0	80.0	7.5	0	2853	15.9	64.8	2274	--
Norstar	Navy	65.0	105.5	24.6	61.3	4.8	3	2756	16.5	66.2	2253	2286
Otebo	Hime	64.0	101.5	19.5	61.3	3.5	0	1804	25.2	66.3	2254	--
Othello	Pinto	56.3	95.0	22.4	32.5	2.3	0	1205	37.7	61.9	2560	2773
Seahawk	Navy	67.5	107.3	25.7	65.0	4.0	1	2370	19.2	65.6	2136	2517
Sedona	Pink	62.0	98.3	24.2	55.0	3.0	19	1304	34.8	61.8	2373	--
Stampede	Pinto	63.3	100.5	25.0	65.0	5.3	8	1267	35.9	61.7	2802	3106
T-39	Black	69.8	104.8	25.2	61.3	4.0	5	2577	17.6	65.2	2108	2426
T9903	Navy	63.3	103.5	24.0	68.8	5.3	2	2316	19.6	66.2	2563	--
T9905	Navy	66.3	105.3	24.6	78.8	6.5	0	2465	18.4	65.5	2592	--
Topaz R	Pinto	57.0	94.0	24.4	42.5	3.3	0	1272	35.7	59.5	2192	2358
Vista	Navy	66.3	109.0	28.5	75.0	6.5	0	2859	15.9	65.7	2427	2590
MEAN		64.3	102.1	24.7	63.3	4.7	3.4	1903	26.7	63.7	2504	--
C.V.%		2.7	2.0	11.4	7.4	14.4	85.5	4.8	3.9	0.6	9.3	--
LSD.05		2.5	2.9	4.0	6.6	1.0	4.1	129	1.5	0.5	329	--

Planting Date = May 21 ; Harvest Date = TBN ; Previous Crop = Spring Wheat

¹ The variety Maverick was evaluated in the trial. Due to poor seed quality, data is not reported.

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

³ Growth Habit: 1 = a vining plant type, pods low to ground, short stature; 9 = very upright plant structure, pods held off ground.

⁴ Stem Break : An estimation of the percentage of the plant stand where bean stems were broken at the basal stem.