

**NDSU Carrington Research Extension Center
2018 Variety Trial Data**

Dry Bean - Irrigated							Carrington	
Variety	Class	Days to PM	Direct Harvest ¹ 0-100	Growth Habit ² 1-9	Test Weight lb/bu	1000 Kernal Weight g/1000	----- Grain Yield -----	
							2018 ----- lb/ac -----	3-yr. Avg.
LaPaz	Pinto	88.3	81.3	3.8	61.7	331	3912	3576
Lariat	Pinto	89.8	73.8	0.8	59.7	350	3384	3173
Stampede	Pinto	85.5	87.5	2.3	59.4	349	3656	3105
Windbreaker	Pinto	85.0	56.3	0.3	59.4	338	3517	3112
Palomino	Pinto	90.0	77.5	2.8	58.4	370	3269	2965
Monterrey	Pinto	88.5	82.5	5.5	61.5	333	3614	3476
HMS Medalist	Navy	96.0	80.0	2.8	64.1	181	3315	3351
Ensign	Navy	96.3	71.3	1.8	64.4	210	3613	--
T9905	Navy	96.8	85.0	3.0	64.4	201	3281	3375
Eclipse	Black	92.3	87.5	6.0	63.0	168	2770	2918
Merlot	Small Red	91.5	67.5	1.8	60.8	341	3140	3018
Loreto	Black	95.3	78.8	2.8	64.9	190	3101	2987
Zorro	Black	91.0	90.0	7.5	63.9	183	2968	2610
Rosetta	Pink	88.0	78.8	3.8	61.7	319	3477	3396
Powderhorn	Great Northern	85.8	80.0	6.0	57.6	335	3072	--
Mean		90.7	78.5	3.4	61.6	280	3339	--
C.V. (%)		2.1	5.2	22.3	0.9	5.7	9.3	--
LSD (0.10)		2.2	4.8	0.9	0.6	23	369	--
LSD (0.05)		2.7	5.8	1.1	0.8	19	442	--

Planting Date = May 25; Harvest Date = September 7; Previous Crop = Field Pea

¹Direct Harvest: A relative score to estimate % beans that would be successfully harvested in a direct/straight harvest system.

²Growth Habit: scored on a scale of 1 to 9. 1 = longer vine, low stature plant with pods low to the ground; 9 = very upright plant with pods held well off the ground.