

**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	Grain Protein %	Test Weight lb/bu	Seed Weight g/100	---- Grain Yield ----	
								2018 ----- lb/ac -----	3-yr. Avg.
LaPaz	Pinto	88.3	81.3	3.8	20.25	61.7	33.1	3912	3576
Lariat	Pinto	89.8	73.8	0.8	19.89	59.7	35.0	3384	3173
Stampede	Pinto	85.5	87.5	2.3	20.68	59.4	34.9	3656	3105
Windbreaker	Pinto	85.0	56.3	0.3	21.84	59.4	33.8	3517	3112
Palomino	Pinto	90.0	77.5	2.8	23.28	58.4	37.0	3269	2965
Monterrey	Pinto	88.5	82.5	5.5	20.10	61.5	33.3	3614	3476
HMS Medalist	Navy	96.0	80.0	2.8	20.34	64.1	18.1	3315	3351
Ensign	Navy	96.3	71.3	1.8	22.16	64.4	21.0	3613	--
T9905	Navy	96.8	85.0	3.0	22.17	64.4	20.1	3281	3375
Eclipse	Black	92.3	87.5	6.0	20.66	63.0	16.8	2770	2918
Merlot	Small Red	91.5	67.5	1.8	20.04	60.8	34.1	3140	3018
Loreto	Black	95.3	78.8	2.8	20.38	64.9	19.0	3101	2987
Zorro	Black	91.0	90.0	7.5	21.17	63.9	18.3	2968	2610
Rosetta	Pink	88.0	78.8	3.8	20.28	61.7	31.9	3477	3396
Powderhorn	Great Northern	85.8	80.0	6.0	22.31	57.6	33.5	3072	--
Mean		90.7	78.5	3.4	21.04	61.6	28.0	3339	--
C.V. (%)		2.1	5.2	22.3	3.6	0.9	5.7	9.3	--
LSD (0.10)		2.2	4.8	0.9	0.9	0.6	23.0	369	--
LSD (0.05)		2.7	5.8	1.1	1.1	0.8	19.0	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.