

**NDSU Carrington Research Extension Center
2019 Variety Trial Data**

Dry Bean - Irrigated **Carrington**

Variety	Market Class	Days to PM	Growth Habit ¹ 1 to 9	Direct Harvest ² %	Seed Protein %	Seeds/ Pound	Seed Weight gram/100	----- Seed Yield -----	
								2019	3-yr. Avg.
								-----	-----
								lb/ac	-----
LaPaz	Pinto	94.0	4.5	66.3	21.6	1297	35.2	3748	3733
Lariat	Pinto	94.8	3.3	48.8	21.4	1197	38.1	3327	3378
Stampede	Pinto	93.0	2.8	57.5	22.4	1341	34.1	2488	3149
Windbreaker	Pinto	93.5	2.5	32.5	23.3	1188	38.3	3723	3537
ND Palomino	Pinto	95.5	3.5	62.5	24.4	1169	38.9	3976	3578
Monterrey	Pinto	95.0	4.5	68.8	22.1	1322	34.4	3417	3669
ND Falcon	Pinto	100.0	3.0	63.8	25.3	1185	38.5	2964	--
Torreon	Pinto	94.5	4.5	72.5	21.7	1177	38.6	3621	--
Cowboy	Pinto	94.8	4.3	67.5	21.6	1160	39.2	3518	--
Vibrant	Pinto	93.5	4.5	73.8	21.8	1195	38.0	3309	--
DR Wood	Pinto	99.0	3.8	58.8	24.8	1191	38.1	3265	--
Croissant	Pinto	96.8	2.3	50.0	24.6	1247	36.5	3104	--
Long's Peak	Pinto	95.5	3.3	58.8	25.3	1146	39.6	2836	--
Centennial	Pinto	96.3	4.0	61.3	24.7	1204	37.7	3372	--
Montrose	Pinto	93.3	1.0	20.0	22.2	1254	36.2	2734	--
Bill Z	Pinto	95.5	1.0	26.3	22.8	1353	33.7	2517	--
HMS Medalist	Navy	97.8	5.0	66.3	21.8	2511	18.1	3617	3596
Blizzard	Navy	98.5	4.8	76.3	24.1	2342	19.4	3723	--
T9905	Navy	98.0	4.0	55.0	25.0	2029	22.4	3868	3683
Eclipse	Black	94.0	6.8	72.5	22.1	2180	20.8	3395	3256
Zorro	Black	94.3	7.0	85.0	23.1	2250	20.2	3025	3062
Black Tails	Black	92.8	5.0	72.5	22.3	2251	20.2	3670	--
Loreto	Black	94.3	5.0	72.5	22.8	2360	19.3	3146	3189
Radiant	Pinto	93.5	5.3	70.0	21.8	1204	37.7	4334	--
Merlot	Small Red	96.3	2.0	37.5	21.8	1242	36.6	3229	3180
Viper	Small Red	96.0	3.3	62.5	22.6	1726	26.4	3248	--
Rosetta	Pink	94.5	4.3	62.5	22.2	1310	34.7	3303	3610
Powderhorn	Great Northern	93.8	3.3	63.8	24.1	1259	36.1	3240	3406
ND Pegasus	Great Northern	99.3	2.5	60.0	22.4	1221	37.2	4169	--
MEAN		95.6	3.7	59.8	22.9	1500	32.5	3404	--
C.V. (%)		0.9	29.5	12.4	2.1	4.7	4.4	17.3	--
LSD 0.10		1.0	1.3	8.8	0.6	83	1.7	693	--
LSD 0.05		1.2	1.5	10.5	0.7	100	2	829	--

Planting Date = May 29 ; Harvest Date = September 19 ; Previous Crop = Soybean

¹ Growth Habit : Scored on scale of 1 to 9. 1 = longer vine, low stature plant, pods lower to ground; 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.