

NDSU Carrington Research Extension Center
2019 Variety Trial Data

Dry Edible Bean - Dryland	Carrington
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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	88.5	6.3	93.5	23.3	1262	36.0	2693	2524
Lariat	Pinto	88.8	4.0	87.5	23.7	1285	35.3	2472	2247
Stampede	Pinto	86.5	6.3	89.3	24.4	1336	34.0	2587	2425
Windbreaker	Pinto	86.0	4.3	81.8	25.0	1230	36.9	2860	2524
ND Palomino	Pinto	91.3	5.0	88.5	26.3	1297	35.1	2487	2289
Monterrey	Pinto	88.8	6.8	93.5	23.6	1279	35.6	2480	2440
ND Falcon	Pinto	93.0	6.3	95.0	26.2	1171	38.8	2662	--
Torreon	Pinto	88.0	6.5	95.0	23.4	1220	37.3	2558	--
Vibrant	Pinto	87.3	6.0	89.5	23.9	1356	33.5	2438	--
Radiant	Pinto	86.8	5.8	91.0	24.3	1393	32.6	2212	--
Cowboy	Pinto	86.8	7.5	92.3	23.9	1217	37.4	2640	--
DR Wood	Pinto	91.0	4.3	88.0	25.9	1209	37.6	2592	--
Croissant	Pinto	88.8	3.0	71.3	26.1	1269	35.8	2694	--
Long's Peak	Pinto	88.8	4.5	85.3	25.4	1212	37.5	2457	--
Centennial	Pinto	89.3	5.0	90.0	26.2	1233	36.9	2614	--
StayBright	Pinto	93.3	3.3	86.0	26.1	1366	33.8	2533	--
Montrose	Pinto	88.8	2.0	43.8	23.5	1229	37.3	2600	--
Bill Z	Pinto	91.8	2.0	41.3	23.0	1301	34.9	2659	--
HMS Medalist	Navy	91.3	7.0	95.5	24.5	2467	18.4	2153	2080
Blizzard	Navy	90.5	8.0	97.0	26.0	2344	19.4	2313	--
T9905	Navy	91.3	7.0	95.0	25.7	2161	21.0	2454	2251
Eclipse	Black	88.0	8.0	97.5	23.7	2352	19.3	2437	2148
Zorro	Black	88.5	7.0	95.3	24.6	2437	18.6	2478	2048
Black Tails	Black	85.0	7.3	96.8	23.5	2311	19.7	2417	--
Loreto	Black	91.0	6.3	95.0	23.8	2362	19.3	2271	2041
Merlot	Small Red	89.0	4.8	85.5	22.8	1252	36.4	2269	1971
Viper	Small Red	88.5	6.5	95.5	22.9	1598	28.7	2469	--
Rosetta	Pink	86.3	6.5	93.0	22.7	1438	31.6	2546	2191
Powderhorn	Great Northern	88.5	6.8	92.8	27.1	1264	35.9	2443	2345
ND Pegasus	Great Northern	91.0	5.3	90.8	25.2	1247	36.4	2528	--
MEAN		89.1	5.6	87.9	24.5	1537	31.6	2511	--
C.V. (%)		1.6	12.7	4.3	3.4	5.3	5.6	11.3	--
LSD 0.10		1.7	0.8	4.4	1.0	96	2.1	NS	--
LSD 0.05		2.1	1.0	5.3	1.2	114	2.5	NS	--

Planting Date = May 29 ; Harvest Date = September 6 & 17 ; Previous Crop = Durum

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.