

**NDSU Carrington Research Extension Center
2017 Variety Trial Data**

Dry Edible Bean - Irrigated **Carrington**

Variety	Market Class	Days to PM	Growth Habit ¹ 1 to 9	Direct Harvest ² %	White Mold ³ %	Seed Protein %	Seeds/ Pound	Test Weight lb/bu	Seed Weight gram/100	---- Seed Yield ---	
										2017	3-yr. Avg.
LaPaz	Pinto	102.3	2.8	76.5	22.0	21.3	1301	60.4	35.4	3541	3197
Lariat	Pinto	102.8	2.0	56.3	7.5	20.6	1122	60.0	40.5	3422	3042
Stampede	Pinto	101.5	1.3	66.3	7.8	21.8	1218	58.6	37.3	3302	2824
Maverick	Pinto	102.0	1.0	30.0	14.8	21.5	1149	59.0	39.6	4075	3209
ND-307	Pinto	102.8	2.0	58.8	17.0	23.7	1160	57.6	39.5	3305	2854
Windbreaker	Pinto	102.3	1.0	56.3	23.0	22.9	1119	58.3	40.6	3372	2985
Palomino	Pinto	103.0	3.0	76.3	4.0	23.1	1138	59.0	39.9	3489	2682
Monterrey	Pinto	102.3	2.5	77.5	8.5	21.1	1231	61.1	37.0	3977	--
HMS Medalist	Navy	105.5	3.0	82.3	2.0	21.1	2381	63.9	19.1	3856	2843
T9905	Navy	105.5	3.0	77.5	2.0	23.5	1957	63.5	23.2	3902	2973
Eclipse	Black	102.5	6.5	87.5	6.0	20.1	2219	62.3	20.5	3603	2600
Merlot	Small Red	101.5	1.0	45.0	7.5	20.4	1199	60.1	38.1	3171	2779
Loreto	Black	105.3	3.0	77.5	2.3	20.9	2211	62.5	20.5	3321	2652
Zorro	Black	101.8	8.5	93.8	7.0	21.1	2458	62.4	18.5	3193	2300
Rosetta	Pink	102.0	3.5	81.3	2.3	20.7	1240	61.6	36.7	4049	--
Powderhorn	Great Northern	102.8	2.3	80.0	6.3	22.3	1211	58.0	37.5	3905	--
MEAN		102.8	2.8	69.5	9.4	21.6	1489	60.5	33.2	3578	--
C.V. (%)		0.6	26.9	7.8	100.3	2.8	4.6	0.9	5.5	9.8	--
LSD 0.10		0.8	0.9	6.5	11.2	0.7	82	0.6	2.2	417	--
LSD 0.05		0.9	1.1	7.7	13.4	0.9	98	0.8	2.6	499	--

Planting Date = May 24 ; Harvest Date = September 11 ; Previous Crop = Corn ;

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 the percentage of beans that would be successfully harvested in a direct/straight harvest system.

³ White Mold: An assessment of the incidence of plants that expressed some level of white mold (sclerotinia).