

2018 Dry Edible Bean Variety Trial at Minot

NC Research Extension Center

Variety	Market Type	Days to	Plant	100	Seed Yield -----				
		Mature	Height	Seed wt.	2016	2017	2018	2 year	3 year
		DAP*	inches	grams	----- pounds per acre -----				
Lariat	Pinto	89	14	27	3024	2198	1723	1960	2315
Palomino	Pinto	87	14	27	2519	2092	1679	1886	2097
Monterrey	Pinto	84	12	25	2986	2105	1155	1630	2082
LaPaz	Pinto	84	13	27	2554	1578	1498	1538	1877
Windbreaker	Pinto	85	13	30	2922	1558	1064	1311	1848
Stampede	Pinto	87	11	27	2731	1527	976	1251	1745
T9905	Navy	85	11	14	2582	2123	964	1543	1890
Ensign	Navy	87	12	14	2639	1447	1376	1411	1821
HMS Medalist	Navy	89	12	16		1411	898	1154	
Merlot	Small Red	87	14	23	2627	1459	887	1173	1658
Powderhorn	G Northern	84	12	25		1551	1331	1441	
Rosetta	Pink	84	10	19	2087	2865	899	1882	1950
Eclipse	Black	84	11	15	2759	2509	713	1611	1994
Zorro	Black	87	9	14	2356	1748	1172	1460	1759
Loreto	Black	85	10	14	1803	1988	685	1336	1492
Trial Mean		86	12	21	2427	1876	1135	--	--
C.V. %		0.7	11.1	2.8	9.0	8.0	14.6	--	--
LSD 5%		1	2	1	359	250	278	--	--
LSD 10%		1	2	1	299	207	231	--	--

*DAP = Days after planting.

Planting Date: May 21

Harvest Date: August 24

Seeding Rate: 90,000 live seeds / Acre

Row Spacing: 15"

Previous Crop: 2015 & 2017 = spring wheat, 2016 = barley

Tillage System: Minimum till

Soil Type: Williams Loam

Note: The 2018 trial sustained moderate drought growing conditions.