

Dry Edible Bean Variety Trial at Minot

| Variety | Market Type | Days to Mature | Plant Height | 100 Seed wt. | Seed Yield | | | | |
|--------------|-------------|-------------------|-----------------|-----------------|-----------------|------|------|--------|--------|
| | | | | | 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.