

**NDSU Carrington Research Extension Center
2018 Variety Trial Data**

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| Dry Edible Bean - Dryland | Carrington |
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| Treatment | Class | Days to PM | Direct Harvest ¹ 0-100 | Growth Habit ² 1-9 | Grain Protein % | Test Weight lb/bu | 1000 Kernal Weight g/1000 | ---- Grain Yield ---- | |
|--------------|----------------|---------------|---|-------------------------------------|-----------------------|-------------------------|---------------------------------|---------------------------|---------------|
| | | | | | | | | 2018 ----- lb/ac ----- | 3-yr. Avg. |
| LaPaz | Pinto | 86.0 | 91.8 | 7.3 | 22.40 | 59.1 | 125.2 | 1825 | 2320 |
| Lariat | Pinto | 86.3 | 94.0 | 7.3 | 21.18 | 57.7 | 128.8 | 1248 | 2455 |
| Stampede | Pinto | 83.3 | 91.3 | 6.8 | 20.40 | 57.5 | 120.7 | 1786 | 2592 |
| Windbreaker | Pinto | 81.5 | 85.0 | 6.0 | 20.15 | 58.0 | 132.5 | 2091 | 2699 |
| Palomino | Pinto | 87.8 | 85.8 | 5.5 | 22.75 | 57.1 | 133.7 | 1789 | 2532 |
| Monterrey | Pinto | 86.3 | 91.8 | 7.3 | 20.10 | 60.4 | 114.4 | 2001 | 2518 |
| HMS Medalist | Navy | 87.8 | 93.0 | 7.3 | 20.48 | 61.9 | 62.8 | 1286 | 2314 |
| Ensign | Navy | 83.8 | 91.0 | 7.3 | 20.15 | 62.0 | 66.3 | 1539 | -- |
| T9905 | Navy | 88.0 | 95.0 | 7.8 | 22.60 | 62.2 | 65.5 | 1534 | 2428 |
| Eclipse | Black | 86.5 | 92.3 | 7.0 | 22.83 | 60.3 | 61.8 | 1397 | 2207 |
| Merlot | Small Red | 87.0 | 92.5 | 7.3 | 20.25 | 59.2 | 122.3 | 1317 | 2073 |
| Loreto | Black | 87.8 | 93.8 | 7.8 | 21.10 | 62.7 | 64.5 | 1548 | 2012 |
| Zorro | Black | 88.0 | 94.0 | 7.5 | 23.68 | 61.9 | 62.5 | 1465 | 2045 |
| Rosetta | Pink | 86.8 | 93.5 | 7.5 | 20.68 | 59.9 | 105.9 | 1477 | 2150 |
| Powderhorn | Great Northern | 84.5 | 93.3 | 7.3 | 21.10 | 58.3 | 115.7 | 1789 | -- |
| Mean | | 86.1 | 91.9 | 7.1 | 21.3 | 59.9 | 98.8 | 1606 | -- |
| C.V. (%) | | 1.9 | 2.8 | 13.3 | 10.1 | 1.3 | 5.2 | 14.0 | -- |
| LSD 0.05 | | 2.3 | 3.7 | 1.3 | 3.08 | 1.1 | 7.4 | 321 | -- |
| LSD 0.10 | | 1.9 | 3.1 | 1.1 | 2.57 | 0.9 | 6.2 | 267 | -- |

Planting Date: May 25; Harvest Date: Aug 29; Previous Crop: Spring Wheat

¹Direct Harvest: A relative score to estimate % beans that would be successfully harvested in a direct/straight harvest system.

²Growth Habit: scored on a scale of 1 to 9. 1=longer vine, low stature plant with pods low to the ground; 9=very upright plant with pods held well off the ground.