

**NDSU Carrington Research Extension Center**  
**2024 Variety Trial Data**

| Dry Bean - Irrigated |  |  |  |  |  |  |  |  |  | Carrington |  |
|----------------------|--|--|--|--|--|--|--|--|--|------------|--|
|----------------------|--|--|--|--|--|--|--|--|--|------------|--|

| Variety          | Market Class   | Days to Maturity | Plant Height<br>inches | Lodging <sup>1</sup><br>9-Jan | Direct Harvest <sup>2</sup><br>% | Protein<br>% | KWT<br>g/100 | Seeds/<br>Pound | Test Weight<br>lb/bu | ----- Yield ----- |            |
|------------------|----------------|------------------|------------------------|-------------------------------|----------------------------------|--------------|--------------|-----------------|----------------------|-------------------|------------|
|                  |                |                  |                        |                               |                                  |              |              |                 |                      | 2024              | 3-yr. Avg. |
|                  |                |                  |                        |                               |                                  |              |              |                 |                      | ----- lb/a -----  | -----      |
| La Paz           | Pinto          | 96               | 27                     | 2                             | 92                               | 19.0         | 31.1         | 1458            | 62.1                 | 2074              | 2610       |
| Lariat           | Pinto          | 100              | 26                     | 4                             | 86                               | 20.3         | 37.7         | 1203            | 61.1                 | 2723              | 3180       |
| Monterrey        | Pinto          | 95               | 27                     | 2                             | 95                               | 19.3         | 31.5         | 1439            | 62.3                 | 2445              | 2870       |
| ND Falcon        | Pinto          | 101              | 27                     | 4                             | 93                               | 20.5         | 36.2         | 1256            | 58.3                 | 1959              | 2657       |
| Torreon          | Pinto          | 95               | 27                     | 2                             | 96                               | 19.5         | 34.9         | 1301            | 61.5                 | 2311              | 2594       |
| Windbreaker      | Pinto          | 95               | 25                     | 4                             | 91                               | 19.6         | 35.5         | 1280            | 57.7                 | 2372              | 2591       |
| Cowboy           | Pinto          | 95               | 27                     | 2                             | 94                               | 19.8         | 34.1         | 1332            | 61.4                 | 2351              | 2780       |
| USDA Rattler     | Pinto          | 100              | 26                     | 3                             | 92                               | 19.3         | 35.0         | 1297            | 60.9                 | 2112              | --         |
| Charro           | Pinto          | 99               | 27                     | 3                             | 95                               | 20.3         | 34.0         | 1336            | 61.5                 | 2825              | --         |
| Vibrant          | SD-Pinto       | 95               | 27                     | 2                             | 94                               | 19.4         | 30.9         | 1468            | 59.1                 | 2291              | 2382       |
| ND Palomino      | SD-Pinto       | 101              | 26                     | 4                             | 91                               | 20.0         | 33.9         | 1356            | 58.9                 | 2067              | 2555       |
| ND Rodeo         | SD-Pinto       | 101              | 28                     | 4                             | 88                               | 19.9         | 38.5         | 1179            | 62.3                 | 2175              | 3004       |
| USDA Diamondback | SD-Pinto       | 100              | 27                     | 3                             | 95                               | 19.9         | 33.8         | 1344            | 61.9                 | 2634              | --         |
| Bronco           | SD-Pinto       | 101              | 26                     | 4                             | 90                               | 20.9         | 41.5         | 1094            | 63.7                 | 2414              | --         |
| Mystic           | SD-Pinto       | 98               | 28                     | 2                             | 95                               | 20.4         | 36.6         | 1239            | 64.4                 | 2776              | --         |
| ND Pegasus       | Great Northern | 102              | 28                     | 5                             | 87                               | 21.1         | 33.5         | 1353            | 62.4                 | 2602              | 3374       |
| Powderhorn       | Great Northern | 95               | 25                     | 2                             | 92                               | 19.3         | 32.1         | 1415            | 56.5                 | 1699              | --         |
| ND Rosalind      | Pink           | 99               | 26                     | 4                             | 92                               | 19.0         | 32.2         | 1409            | 63.8                 | 2520              | 3214       |
| Rosetta          | Pink           | 87               | 22                     | 8                             | 60                               | 20.1         | 30           | 1507            | 62.1                 | 896               | 1678       |
| Mean             |                | 98               | 26                     | 3                             | 90                               | 19.9         | 34.6         | 1322            | 61.2                 | 2334              | --         |
| C.V. (%)         |                | 1                | 5                      | 20                            | 4                                | 2.1          | 3.4          | 4               | 1.0                  | 11                | --         |
| LSD (0.10)       |                | 1                | 2                      | 1                             | 4                                | 0.5          | 1.4          | 59              | 0.7                  | 297               | --         |

**Planting Date = May 31; Harvest Date = October 3; Previous Crop = Flax**

<sup>1</sup> Lodging is scored on a scale of 1-9; 1 = no lodging, 9 = plants lying flat on the ground

<sup>2</sup> Direct harvest is a relative score to estimate the % of beans that would be successfully harvested in a direct harvest system