

**NDSU Langdon Research Extension Center  
2022 Variety Trial Data**

|                 |                |
|-----------------|----------------|
| <b>Dry Bean</b> | <b>Langdon</b> |
|-----------------|----------------|

| Variety      | Class          | Days to<br>Maturity | Plant<br>Height | 100<br>Seed<br>Wt. | Yield          |      |      |      |              |             |              |
|--------------|----------------|---------------------|-----------------|--------------------|----------------|------|------|------|--------------|-------------|--------------|
|              |                |                     |                 |                    | 2019           | 2020 | 2021 | 2022 | 2-yr<br>Avg. | 3-yr<br>Avg | 4-yr<br>Avg. |
|              |                |                     | Inches          | grams              | -----lb/a----- |      |      |      |              |             |              |
| Cowboy       | Pinto          | 107                 | 21              | 34.3               | --             | --   | 1638 | 3074 | 2356         | --          | --           |
| LaPaz        | Pinto          | 108                 | 20              | 34.8               | 2564           | 3693 | 1827 | 3155 | 2491         | 2892        | 2810         |
| Lariat       | Pinto          | 108                 | 22              | 36.2               | 2516           | 3455 | 1714 | 3026 | 2370         | 2732        | 2678         |
| Monterrey    | Pinto          | 109                 | 19              | 34.6               | 2442           | 3807 | 2105 | 3189 | 2647         | 3034        | 2886         |
| ND-Falcon    | Pinto          | 107                 | 23              | 32.7               | 2280           | 3114 | 1695 | 3278 | 2486         | 2696        | 2592         |
| ND-Palomino  | Pinto          | 110                 | 18              | 32.2               | 2239           | 3020 | 1585 | 2632 | 2108         | 2412        | 2369         |
| Stampede     | Pinto          | 106                 | 20              | 32.2               | 2415           | 3899 | 2028 | 3432 | 2730         | 3120        | 2944         |
| Torreón      | Pinto          | 107                 | 22              | 36.2               | 2553           | 3804 | 2165 | 3558 | 2862         | 3176        | 3020         |
| Vibrant      | Pinto          | 109                 | 23              | 30.7               | 2693           | 4033 | 2114 | 3626 | 2870         | 3258        | 3116         |
| Windbreaker  | Pinto          | 105                 | 19              | 33.8               | 2291           | 3876 | 1587 | 2490 | 2039         | 2651        | 2561         |
| Armada       | Navy           | 108                 | 20              | 20.5               | --             | --   | --   | 3194 | --           | --          | --           |
| Blizzard     | Navy           | 109                 | 22              | 17.9               | 2327           | 3321 | 1962 | 3350 | 2656         | 2878        | 2740         |
| HMS Medalist | Navy           | 113                 | 19              | 15.5               | 2346           | 3891 | 2197 | 2847 | 2522         | 2978        | 2820         |
| ND-Polar     | Navy           | 113                 | 20              | 16.9               | --             | --   | --   | 3172 | --           | --          | --           |
| T9905        | Navy           | 109                 | 20              | 20.1               | 2065           | 3781 | 1835 | 3326 | 2580         | 2981        | 2752         |
| Black Tails  | Black          | 109                 | 20              | 18.8               | 2112           | 3759 | 2063 | 3463 | 2763         | 3095        | 2849         |
| Eclipse      | Black          | 108                 | 19              | 18.6               | 2181           | 3634 | 2049 | 3132 | 2590         | 2938        | 2749         |
| ND-Twilight  | Black          | 106                 | 20              | 19.2               | --             | 3205 | 1522 | 2901 | 2211         | 2543        | --           |
| Zorro        | Black          | 108                 | 20              | 18.4               | 2376           | --   | 1899 | 2421 | 2160         | --          | --           |
| ND-Pegasus   | Great Northern | 111                 | 23              | 34.5               | 2811           | --   | 2320 | 4098 | 3209         | --          | --           |
| Rosetta      | Pink           | 112                 | 20              | 32.2               | 2389           | --   | 2044 | 2580 | 2312         | --          | --           |
| Merlot       | Small Red      | 110                 | 20              | 33.3               | 2205           | 3089 | 2036 | 2875 | 2456         | 2667        | 2551         |
| Viper        | Small Red      | 110                 | 22              | 26.1               | 2854           | 3329 | 2587 | 3422 | 3004         | 3113        | 3048         |
| Trial Mean   |                | 109                 | 21              | 27.0               | 2385           | 3470 | 1937 | 3160 | --           | --          | --           |
| C.V. %       |                | 1.5                 | 7.2             | 2.6                | 10.8           | 7.8  | 9.5  | 8.9  | --           | --          | --           |
| LSD 5%       |                | 2.6                 | 2.5             | 1.2                | 427            | 446  | 235  | 463  | --           | --          | --           |
| LSD 10%      |                | 2.2                 | 2.0             | 1.0                | 355            | 371  | 197  | 336  | --           | --          | --           |

Planting Date: May 27

Harvest Date: September 29

Previous Crop: Wheat

Soil Type: Svea-Barnes loam

Trials were direct harvested in 2021 and 2022.