

**2022 Field Pea Variety Trial at Minot**

| Variety             | Brand            | Days to Bloom    | Days to Mature   | Canopy Height | Lodging          | Test Weight | 1000 Seed wt | Protein | Yield |
|---------------------|------------------|------------------|------------------|---------------|------------------|-------------|--------------|---------|-------|
|                     |                  | DAP <sup>1</sup> | DAP <sup>1</sup> | inches        | 0-9 <sup>3</sup> | lbs/bu      | g            | %       | bu/A  |
| <b>Yellow Types</b> |                  |                  |                  |               |                  |             |              |         |       |
| EP_2311B1           | Equinom          | 51               | 82               | 20            | 2                | 67.0        | 206          | 27.1    | 44.3  |
| EP_6301S3           | Equinom          | 54               | 85               | 23            | 0                | 66.5        | 220          | 28.5    | 36.2  |
| EP_1401S42          | Equinom          | 55               | 85               | 24            | 1                | 67.3        | 191          | 28.4    | 37.0  |
| EP_8971             | Equinom          | 53               | 83               | 24            | 1                | 67.0        | 246          | 29.7    | 33.9  |
| CP5222Y             | WinField United  | 51               | 83               | 21            | 0                | 68.3        | 279          | 26.2    | 43.1  |
| CP5244Y             | WinField United  | 56               | 87               | 26            | 1                | 68.4        | 235          | 25.4    | 44.7  |
| Agassiz             | Meridian Seeds   | 54               | 84               | 23            | 0                | 67.3        | 228          | 26.1    | 44.2  |
| CDC Amarillo        | Meridian Seeds   | 54               | 85               | 24            | 0                | 67.6        | 220          | 24.5    | 49.4  |
| CDC Inca            | Meridian Seeds   | 56               | 85               | 30            | 0                | 68.5        | 205          | 25.6    | 50.2  |
| CDC Spectrum        | Meridian Seeds   | 56               | 87               | 28            | 1                | 67.2        | 220          | 25.8    | 47.8  |
| MS GrowPro          | Meridian Seeds   | 56               | 86               | 31            | 0                | 67.3        | 287          | 27.6    | 45.0  |
| DS Admiral          | Pulse USA        | 55               | 84               | 27            | 0                | 68.4        | 207          | 25.1    | 48.8  |
| DL Apollo           | PulseUSA         | 53               | 83               | 27            | 1                | 67.9        | 215          | 26.0    | 38.5  |
| LG Stunner          | PulseUSA         | 54               | 84               | 24            | 0                | 67.5        | 184          | 27.9    | 32.5  |
| AAC Chrome          | Valesco Genetics | 51               | 85               | 22            | 2                | 68.0        | 246          | 24.1    | 45.2  |
| AAC Julius          | Valesco Genetics | 55               | 84               | 22            | 0                | 67.7        | 206          | 25.7    | 43.3  |
| Salamanca           | Valesco Genetics | 55               | 83               | 27            | 0                | 66.0        | 243          | 27.4    | 43.9  |
| Hyline              | Valesco Genetics | 53               | 84               | 20            | 2                | 66.7        | 240          | 24.5    | 45.7  |
| ND Dawn             | NDSU             | 52               | 82               | 18            | 0                | 67.3        | 210          | 25.1    | 27.9  |
| <b>Green Types</b>  |                  |                  |                  |               |                  |             |              |         |       |
| CDC Striker         | Pulse USA        | 55               | 84               | 19            | 0                | 67.2        | 219          | 27.4    | 42.6  |
| Aragorn             | Pulse USA        | 53               | 84               | 20            | 3                | 66.1        | 183          | 27.0    | 39.0  |
| Arcadia             | Pulse USA        | 54               | 84               | 16            | 2                | 66.6        | 195          | 24.9    | 38.7  |
| Ginny 2             | ProGene          | 55               | 86               | 19            | 0                | 67.6        | 197          | 25.3    | 38.9  |
| Pro 141-6258        | ProGene          | 51               | 83               | 21            | 7                | 67.0        | 192          | 25.0    | 37.4  |
| Pro 171-7665        | ProGene          | 51               | 84               | 23            | 1                | 67.4        | 215          | 24.7    | 37.4  |
| Shamrock            | Valesco Genetics | 53               | 85               | 24            | 0                | 67.7        | 232          | 25.6    | 46.7  |
| ND Victory          | NDSU             | 57               | 88               | 26            | 2                | 67.7        | 154          | 25.5    | 41.8  |
| Trial Mean          |                  | 54               | 84               | 24            | 1                | 67.5        | 221          | 26.1    | 41.5  |
| C.V.%               |                  | 2.0              | 1.3              | 12.9          | --               | 1.3         | 2.4          | 2.2     | 7.7   |
| LSD 5%              |                  | 2                | 2                | 5             | 2                | 1.4         | 9            | 0.9     | 5.2   |
| LSD 10%             |                  | 1                | 2                | 4             | 2                | 1.2         | 7            | 0.8     | 4.4   |

<sup>1</sup> DAP = Days after planting.

<sup>3</sup> Lodging: 0 = none, 9 = lying flat on the ground.

Trial was planted on May 18 with a seeding rate of 300,000 pls/A and harvested on August 25.

Previous Crop: HRSW

Tillage: No-till

Soil Type: Williams Loam

Note: The trial sustained early season herbicide injury which stunted growth for 14 days.