

Agronomic Data for the Minot Pea Variety Trial

| Variety | Market Class | Plant Stand pl/ft ² | Days | | Disease Rating ¹ | Canopy Height cm | Lodging 1-9 | 1000 Seed | | Seeds/ Pound | Test Weight lb/bu | Seed Yield | | | 3 yr ave |
|----------------|--------------|-----------------------------------|-----------|----------------------|-----------------------------|---------------------|----------------|------------------|--------------|-----------------|----------------------|------------|------|------|-------------|
| | | | to Flower | Bloom Period days | | | | Seed Weight g | Protein % | | | 2010 | 2009 | 2008 | |
| Agassiz | LY | 7.4 | 61.3 | 33.5 | 5.0 | 68.5 | 3.0 | 232 | 23.6 | 1976 | 62.1 | 51.5 | 70.1 | 38.9 | 53.5 |
| CDC Centennial | LY | 6.5 | 64.8 | 22.5 | 7.0 | 30.8 | 4.5 | 239 | 22.7 | 1919 | 62.1 | 47.7 | 69.1 | | |
| CDC Golden | LY | 6.9 | 64.8 | 27.0 | 6.5 | 57.8 | 3.5 | 212 | 23.8 | 2177 | 62.7 | 46.8 | 75.4 | 43.0 | 55.1 |
| CDC Meadow | LY | 7.6 | 60.8 | 31.0 | 7.0 | 48.8 | 3.8 | 211 | 23.7 | 2163 | 62.7 | 49.0 | 49.5 | 40.7 | 46.4 |
| CDC Patrick | LG | 9.5 | 65.8 | 25.3 | 4.3 | 62.5 | 3.8 | 181 | 23.3 | 2548 | 62.3 | 53.0 | 57.9 | | |
| CDC Striker | LG | 7.9 | 64.3 | 30.0 | 4.0 | 60.8 | 3.3 | 241 | 24.8 | 1889 | 63.1 | 51.5 | 64.8 | 38.2 | 51.5 |
| Cooper | LG | 8.4 | 67.5 | 21.0 | 2.8 | 54.5 | 3.5 | 261 | 22.8 | 1758 | 61.3 | 47.1 | 64.2 | 44.1 | 51.8 |
| Cruiser | LG | 7.3 | 62.5 | 27.3 | 6.3 | 53.8 | 3.8 | 213 | 24.1 | 2137 | 61.7 | 39.3 | 48.3 | 28.5 | 38.7 |
| DS Admiral | LY | 7.8 | 62.8 | 23.0 | 7.5 | 51.3 | 3.5 | 243 | 22.0 | 1879 | 62.6 | 43.2 | 59.7 | 29.7 | 44.2 |
| Majoret | LG | 7.5 | 61.5 | 31.3 | 5.0 | 55.0 | 3.3 | 243 | 24.6 | 1872 | 63.4 | 46.6 | 50.6 | 36.6 | 44.6 |
| Marquee | LY | 8.4 | 64.5 | 22.3 | 7.3 | 49.5 | 3.3 | 179 | 23.4 | 2547 | 61.9 | 45.1 | | | |
| Matrix | LG | 7.6 | 66.3 | 17.0 | 5.5 | 44.5 | 4.3 | 264 | 23.2 | 1744 | 62.1 | 43.4 | | | |
| Spider | LY | 6.9 | 65.3 | 28.0 | 6.5 | 57.0 | 3.8 | 236 | 24.6 | 1944 | 62.6 | 39.5 | 62.8 | 36.7 | 46.3 |
| SW Capri | LY | 7.3 | 63.3 | 24.3 | 7.0 | 52.8 | 3.5 | 218 | 23.6 | 2093 | 61.5 | 47.5 | | 39.6 | |
| Thunderbird | LY | 7.1 | 66.5 | 28.3 | 3.8 | 52.5 | 3.5 | 235 | 23.9 | 1944 | 63.3 | 50.6 | 62.7 | 45.5 | 52.9 |
| Trapeze | LY | 8.2 | 61.5 | 25.8 | 7.0 | 51.8 | 3.5 | 240 | 23.8 | 1916 | 61.2 | 46.9 | | | |
| MEAN | | 7.6 | 63.4 | 26.9 | 5.3 | 57.0 | 3.6 | 232 | 23.7 | 1995 | 62.3 | 45.9 | | | |
| CV | | 15.6 | 1.7 | 15.4 | 20.5 | 14.0 | 14.1 | 7 | 2.5 | 7 | 0.7 | 23.3 | | | |
| LSD (0.05) | | 1.7 | 1.5 | 5.8 | 1.5 | 11.3 | 0.7 | 23 | 0.8 | 193 | 0.7 | NS | | | |

1 Primarily mycosphaerella blight. Rated mid and upper canopy.

Planting date: 04/21/10 Harvest Date: 08/24/10 Previous Crop: HRSW