

**NDSU North Central Research Extension Center
2017 Dry Pea Variety Trial at Minot**

| Variety | Days to Flower DAP ¹ | Days to Maturity DAP ¹ | Vine Length cm | Lodging (1-9) | Seeds/ Pound | 1000 Seed Weight grams | Test Weight lb/bu | Protein % | Seed Yield | | | | |
|-------------------------|------------------------------------|--------------------------------------|-------------------|------------------|-----------------|---------------------------------|-------------------------|--------------|------------|------|------|-----------|-----------|
| | | | | | | | | | 2015 | 2016 | 2017 | 2 Year | 3 Year |
| Yellow Cotyledon | | | | | | | | | | | | | |
| MP 1907 | 58 | 92 | 72 | 2 | 1884 | 241 | 64.6 | 24.9 | -- | -- | 59.9 | -- | -- |
| Salamanca | 55 | 88 | 76 | 2 | 1906 | 239 | 64.5 | 24.0 | 44.5 | 56.6 | 59.7 | 58.2 | 53.6 |
| CDC Amarillo | 58 | 92 | 69 | 1 | 1941 | 234 | 64.3 | 24.2 | 54.7 | 49.2 | 59.0 | 54.1 | 54.3 |
| PP-0555 | 57 | 88 | 73 | 1 | 2142 | 212 | 65.1 | 23.5 | -- | -- | 56.0 | -- | -- |
| Navarro | 50 | 89 | 65 | 2 | 1815 | 251 | 64.5 | 23.0 | -- | -- | 56.0 | -- | -- |
| AC Earlystar | 56 | 86 | 76 | 2 | 2173 | 209 | 64.2 | 22.7 | 53.0 | 55.4 | 55.9 | 55.7 | 54.8 |
| PP-9132 | 57 | 92 | 69 | 1 | 1888 | 241 | 64.8 | 23.9 | -- | -- | 55.4 | -- | -- |
| PP-0667 | 55 | 90 | 64 | 2 | 2192 | 208 | 65.4 | 23.6 | 53.6 | 49.3 | 54.5 | 51.9 | 52.4 |
| Bridger | 52 | 87 | 61 | 2 | 2158 | 211 | 64.2 | 23.4 | -- | 46.9 | 53.6 | 50.3 | -- |
| Gunner | 56 | 91 | 80 | 2 | 1950 | 233 | 64.5 | 23.4 | -- | -- | 53.4 | -- | -- |
| CDC Inca | 57 | 91 | 68 | 1 | 2073 | 219 | 63.8 | 24.0 | -- | -- | 53.4 | -- | -- |
| Oro | 56 | 89 | 72 | 1 | 1988 | 229 | 65.7 | 24.7 | -- | -- | 52.9 | -- | -- |
| AAC Carver | 55 | 87 | 66 | 1 | 2015 | 226 | 64.9 | 22.4 | 58.2 | 44.0 | 52.8 | 48.4 | 51.7 |
| Majestic | 57 | 90 | 74 | 1 | 1911 | 238 | 64.6 | 23.8 | -- | 50.7 | 52.2 | 51.4 | -- |
| Jetset | 56 | 89 | 68 | 2 | 1880 | 242 | 64.9 | 24.3 | 52.3 | 46.9 | 52.1 | 49.5 | 50.4 |
| Agassiz | 56 | 91 | 68 | 2 | 1947 | 233 | 64.6 | 23.0 | 51.9 | 55.7 | 51.8 | 53.7 | 53.1 |
| Hyline | 56 | 91 | 66 | 2 | 1892 | 240 | 63.8 | 22.6 | 58.0 | 47.0 | 46.1 | 46.6 | 50.4 |
| CDC Saffron | 57 | 92 | 63 | 2 | 1923 | 236 | 64.9 | 24.0 | 59.4 | 54.9 | 45.3 | 50.1 | 53.2 |
| PP-0004 | 58 | 91 | 64 | 1 | 1980 | 229 | 64.3 | 23.9 | -- | -- | 44.4 | -- | -- |
| DS Admiral | 55 | 88 | 66 | 2 | 1931 | 235 | 64.1 | 24.0 | 48.0 | 55.0 | 44.0 | 49.5 | 49.0 |
| Spider | 58 | 94 | 66 | 1 | 1908 | 238 | 65.4 | 24.4 | 60.5 | 41.4 | 35.3 | 38.4 | 45.7 |
| Green Cotyledon | | | | | | | | | | | | | |
| CDC Greenwater | 58 | 92 | 68 | 1 | 1924 | 237 | 64.4 | 23.7 | -- | -- | 63.6 | -- | -- |
| AAC Comfort | 62 | 91 | 64 | 2 | 1776 | 256 | 64.3 | 23.3 | -- | -- | 62.9 | -- | -- |
| Arcadia | 52 | 89 | 63 | 2 | 2328 | 195 | 63.7 | 23.2 | -- | 47.1 | 56.3 | 51.7 | -- |
| Bluemoon | 54 | 87 | 63 | 2 | 1922 | 237 | 63.8 | 24.7 | 58.7 | 52.1 | 54.2 | 53.2 | 55.0 |
| Majoret | 57 | 90 | 62 | 2 | 2027 | 224 | 64.9 | 25.2 | -- | -- | 49.2 | -- | -- |
| Cruiser | 52 | 89 | 66 | 2 | 2167 | 210 | 63.5 | 23.6 | 52.4 | 43.0 | 47.5 | 45.3 | 47.6 |
| Shamrock | 60 | 93 | 62 | 2 | 2094 | 217 | 64.3 | 22.5 | -- | -- | 44.5 | -- | -- |
| CDC Striker | 54 | 90 | 61 | 2 | 2307 | 197 | 63.8 | 23.7 | 52.2 | 49.5 | 40.6 | 45.0 | 47.4 |
| Marrowfat | | | | | | | | | | | | | |
| Orka | 54 | 92 | 65 | 3 | 1309 | 347 | 63.5 | 23.7 | -- | -- | 45.5 | -- | -- |
| Trial Mean | 56 | 90 | 67 | 2 | 1978 | 232 | 64.4 | 23.7 | 53.1 | 49.2 | 51.9 | -- | -- |
| CV | 2.4 | 3.0 | 11.8 | 38.9 | 3.3 | 3.3 | 1.2 | 2.8 | 10.5 | 26.5 | 20.2 | -- | -- |
| LSD 5% | 2 | 3 | 13 | 1 | 78 | 9 | 0.9 | 0.8 | 6.6 | 14.9 | 12.3 | -- | -- |
| LSD 10% | 1 | 2 | 7 | 1 | 60 | 7 | 0.7 | 0.6 | 5.1 | 11.6 | 9.6 | -- | -- |

¹ Days after planting

Planted 4-20, harvested 7-31