

2010 FIELD PEA VARIETY

WILLISTON RESEARCH EXTENSION CENTER

| Cultivar | Days to Bloom | | Harv. Ease | | Seed Protein | 1000 Kwt | Seeds/Pound | Test Weight | --- Seed Yield --- | | | --Average-- | |
|------------------------------|---------------|----------|------------|------|--------------|----------|-------------|-------------|--------------------|------|-------|-------------|------|
| | Bloom | Duration | Height | 0-9 | % | gms | | lb/bu | 2008 | 2009 | 2010 | 2 yr | 3 Yr |
| YELLOW COTYLEDON TYPE | | | | | | | | | | | | | |
| Agassiz | 61.0 | 13.0 | 25.8 | 2.5 | 23.7 | 234 | 1940 | 65.1 | 11.1 | 40.7 | 35.8 | 38.2 | 29.2 |
| Audit | 59.8 | 14.3 | 28.0 | 3.8 | 25.6 | 264 | 1721 | 66.2 | -- | -- | 32.2 | -- | -- |
| Avantgarde | 57.8 | 16.3 | 26.8 | 1.3 | 23.4 | 264 | 1717 | 65.6 | -- | -- | 36.7 | -- | -- |
| Capri | 62.0 | 12.0 | 26.0 | 2.3 | 24.1 | 233 | 1946 | 65.0 | -- | -- | 35.3 | -- | -- |
| CDC Centennial | 61.8 | 12.3 | 20.9 | 3.8 | 23.1 | 243 | 1867 | 66.0 | -- | 36.4 | 40.3 | 38.3 | -- |
| CDC Golden | 62.3 | 11.8 | 27.1 | 1.3 | 23.6 | 218 | 2083 | 66.1 | 9.9 | 35.3 | 35.7 | 35.5 | 27.0 |
| CDC Meadow | 60.5 | 13.5 | 29.0 | 4.0 | 24.1 | 218 | 2080 | 66.3 | 10.1 | 39.5 | 36.1 | 37.8 | 28.6 |
| CDC Mozart | 60.3 | 13.8 | 19.9 | 3.3 | 23.0 | 225 | 2018 | 66.3 | 10.6 | 36.7 | 39.4 | 38.1 | 28.9 |
| DS Admiral | 61.5 | 12.5 | 27.7 | 1.8 | 23.2 | 258 | 1758 | 66.3 | 11.4 | 31.4 | 33.6 | 32.5 | 25.5 |
| Korando | 57.5 | 16.5 | 25.8 | 4.3 | 24.2 | 259 | 1751 | 64.8 | -- | -- | 34.3 | -- | -- |
| Marquee | 63.0 | 11.0 | 27.1 | 1.3 | 24.0 | 265 | 1715 | 65.2 | -- | -- | 35.7 | -- | -- |
| Midas | 62.3 | 11.8 | 25.4 | 2.0 | 23.1 | 233 | 1947 | 65.6 | 10.7 | 37.9 | 37.4 | 37.6 | 28.6 |
| Salute | 60.8 | 13.3 | 25.7 | 3.8 | 24.0 | 261 | 1740 | 65.9 | 14.0 | 38.2 | 38.0 | 38.1 | 30.1 |
| Spider | 62.8 | 11.3 | 27.0 | 1.0 | 24.5 | 237 | 1919 | 66.6 | 9.9 | 34.3 | 34.9 | 34.6 | 26.4 |
| Thunderbird | 65.0 | 9.0 | 24.6 | 1.0 | 23.9 | 286 | 1587 | 65.3 | 8.4 | 40.4 | 35.9 | 38.2 | 28.2 |
| Trapeze | 60.5 | 13.5 | 26.2 | 2.0 | 24.5 | 236 | 1924 | 65.1 | -- | -- | 35.6 | -- | -- |
| LL 11209 | 59.3 | 14.8 | 29.0 | 1.0 | 23.9 | 211 | 2147 | 65.7 | -- | -- | 37.2 | -- | -- |
| LL 11809 | 61.3 | 12.8 | 28.8 | 2.8 | 24.6 | 203 | 2232 | 65.8 | -- | -- | 35.3 | -- | -- |
| LL 1709 | 62.8 | 11.3 | 28.0 | 1.5 | 24.5 | 236 | 1926 | 65.0 | -- | -- | 29.7 | -- | -- |
| LL 1809 | 64.0 | 10.0 | 24.7 | 1.3 | 23.8 | 263 | 1727 | 66.0 | -- | -- | 33.8 | -- | -- |
| LN4206 | 59.0 | 15.0 | 27.9 | 1.3 | 24.0 | 226 | 2006 | 65.3 | -- | -- | 37.7 | -- | -- |
| PUSA 09008 | 61.3 | 12.8 | 30.5 | 2.8 | 24.7 | 238 | 1906 | 65.9 | -- | -- | 30.3 | -- | -- |
| GREEN COTYLEDON TYPE | | | | | | | | | | | | | |
| APCM 03018 | 59.5 | 14.5 | 29.9 | 1.3 | 24.3 | 251 | 1810 | 65.7 | -- | -- | 29.8 | -- | -- |
| Aragorn | 60.5 | 13.5 | 24.5 | 2.8 | 23.8 | 197 | 2298 | 64.3 | 11.3 | 30.3 | 31.3 | 30.8 | 24.3 |
| Arcadia | 61.8 | 12.3 | 23.1 | 1.0 | 23.7 | 253 | 1794 | 65.3 | 11.9 | 41.5 | 36.8 | 39.2 | 30.1 |
| Blue Moon | 62.0 | 12.0 | 26.8 | 1.3 | 23.7 | 201 | 2267 | 65.6 | -- | -- | 33.7 | -- | -- |
| CDC Patrick | 63.5 | 10.5 | 24.9 | 2.5 | 23.7 | 237 | 1916 | 65.3 | -- | -- | 35.2 | -- | -- |
| CDC Striker | 62.5 | 11.5 | 26.3 | 0.8 | 25.0 | 274 | 1656 | 65.9 | 7.6 | 35.1 | 28.0 | 31.6 | 23.6 |
| Cooper | 65.0 | 9.0 | 24.6 | 1.0 | 22.7 | 237 | 1912 | 64.7 | 7.7 | 39.9 | 39.6 | 39.7 | 29.0 |
| Cruiser | 62.0 | 12.0 | 25.4 | 3.5 | 23.0 | 235 | 1929 | 64.6 | 10.0 | 32.8 | 31.5 | 32.1 | 24.8 |
| K2 | 59.0 | 15.0 | 21.8 | 1.5 | 24.4 | 251 | 1808 | 65.0 | 11.3 | 31.6 | 31.1 | 31.4 | 24.7 |
| Majoret | 61.3 | 12.8 | 24.2 | 2.5 | 24.6 | 244 | 1857 | 66.3 | 8.0 | 34.9 | 31.0 | 32.9 | 24.6 |
| Nitouche | 61.3 | 12.8 | 26.7 | 2.5 | 23.4 | 293 | 1547 | 65.0 | -- | -- | 33.2 | -- | -- |
| Stirling | 59.5 | 14.5 | 21.5 | 5.3 | 23.1 | 245 | 1850 | 65.4 | -- | 26.2 | 34.2 | 30.2 | -- |
| LAN 1103 | 62.0 | 12.0 | 27.4 | 1.0 | 24.0 | 289 | 1570 | 64.7 | -- | 38.0 | 30.3 | 34.2 | -- |
| LL 22209 | 62.0 | 12.0 | 26.2 | 2.0 | 23.7 | 230 | 1970 | 65.8 | -- | -- | 32.6 | -- | -- |
| MEAN | 61.3 | 12.7 | 26.0 | 2.2 | 23.9 | 243 | 1884 | 65.5 | 10.2 | 35.9 | 34.42 | -- | -- |
| C.V. % | 1.1 | 6.6 | 6.4 | 49.4 | 1.7 | 3 | 3 | 0.4 | 16.8 | 6.9 | 6.92 | -- | -- |
| LSD 5% | 1.0 | 1.0 | 2.3 | 1.5 | 0.8 | 12 | 101 | 0.5 | 2.4 | 3.5 | 3.35 | -- | -- |

a) Harvest ease - visual rating 0-9 where 0 = upright to 9 = flat.

Planted: April 22 into harrowed durum stubble.

Harvested: July 29