

Table 1. 2018 Pulse Variety Trial near Mead, Nebraska (Saunders County)

| Variety | Brand | 50% bloom (DAP)* | Flowering rating | Maturity (1-10)* | Plant height (inches) | Moisture at harvest (%) | Test wt (lbs/bu) | Yield (bu/ac)* | Yield (lbs/ac) | Yield rank |
|--|-------------------|------------------|------------------|------------------|-----------------------|-------------------------|------------------|----------------|----------------|------------|
| Yellow Peas | | | | | | | | | | |
| Agassiz | Meridian Seed | 58 | Early | 8 | 20.1 | 13.7 | 62.9 | 48 | 2893 | 1 |
| AAC Profit | Great Northern Ag | 60 | Late | 6 | 27.6 | 23.2 | 60.8 | 45 | 2696 | 2 |
| Jetset | Meridian Seed | 58 | Early | 10 | 24 | 12.7 | 63.7 | 44 | 2637 | 3 |
| AC Earlystar | Meridian Seed | 58 | Early | 8 | 24.3 | 14.1 | 59.7 | 42 | 2516 | 4 |
| CDC Inca | Meridian Seed | 60 | Late | 6 | 21.3 | 15.8 | 62.8 | 42 | 2493 | 5 |
| Hyline | Great Northern Ag | 59 | Mid | 7 | 24.9 | 19.3 | 60.4 | 41 | 2468 | 6 |
| AAC Carver | Meridian Seed | 58 | Mid | 7 | 27.6 | 14.8 | 62.0 | 41 | 2459 | 7 |
| Spider | Great Northern Ag | 59 | Mid | 7 | 24.9 | 15.1 | 62.8 | 41 | 2452 | 8 |
| CDC Saffron | Meridian Seed | 59 | Mid | 8 | 23.7 | 15.5 | 63.9 | 41 | 2445 | 9 |
| 4193 | Montech | 57 | Early | 8 | 21 | 13.3 | 62.4 | 38 | 2303 | 10 |
| SW Midas | Pulse USA | 58 | Mid | 9 | 19.2 | 13.2 | 62.8 | 37 | 2231 | 11 |
| LG Sunrise | Pulse USA | 57 | Early | 4 | 27.6 | 19.9 | 59.5 | 37 | 2210 | 12 |
| 1057 | Montana Integrity | 60 | Late | 8 | 29.4 | 13.7 | 64.0 | 37 | 2207 | 13 |
| 4152 | Montech | 58 | Mid | 7 | 23.7 | 15.5 | 62.3 | 36 | 2181 | 14 |
| DS-Admiral | Pulse USA | 57 | Early | 10 | 21.6 | 12.7 | 62.7 | 36 | 2137 | 15 |
| CDC Amarillo | Meridian Seed | 60 | Late | 5 | 27.6 | 22.7 | 59.4 | 36 | 2135 | 16 |
| Nette 2010 | Pulse USA | 57 | Early | 10 | 18.9 | 12.2 | 62.6 | 36 | 2133 | 17 |
| CDC Spectrum | Meridian Seed | 60 | Late | 3 | 29.4 | 24.8 | 58.7 | 35 | 2084 | 18 |
| Bridger | Great Northern Ag | 57 | Early | 8 | 23.1 | 14.6 | 63.0 | 35 | 2084 | 19 |
| Navarro | Great Northern Ag | 56 | Early | 6 | 25.5 | 14.8 | 62.3 | 34 | 2063 | 20 |
| Salamanca | Great Northern Ag | 59 | Mid | 7 | 29.4 | 15.9 | 62.4 | 34 | 2027 | 21 |
| LG Amigo | Pulse USA | 58 | Mid | 5 | 26.1 | 16.4 | 62.1 | 33 | 2001 | 22 |
| Partner | NS Seed | 58 | Mid | 8 | 22.8 | 14.2 | 48.7 | 28 | 1693 | 23 |
| Durwood | Pulse USA | 58 | Mid | 6 | 30.9 | 16.6 | 61.7 | 26 | 1555 | 24 |
| Dukat | NS Seed | 56 | Early | 10 | 12.3 | 13.5 | 62.8 | 22 | 1318 | 25 |
| Average of all varieties | | 58 | Mid | 7 | 24.3 | 15.9 | 61.4 | 37 | 2217 | |
| Difference required for significance at 5% | | | | 3 | 4 | 5 | 8 | 12 | 716 | |

| Variety | Brand | 50% bloom (DAP)* | Flowering rating | Maturity (1-10)* | Plant height (inches) | Moisture at harvest (%) | Test wt (lbs/bu) | Yield (bu/ac)* | Yield (lbs/ac) | Yield rank |
|--|-------------------|------------------|------------------|------------------|-----------------------|-------------------------|------------------|----------------|----------------|------------|
| Green Peas | | | | | | | | | | |
| CDC Striker | Pulse USA | | | 9 | 25.8 | 13.6 | 63.7 | 46 | 2740 | 1 |
| Shamrock | Great Northern Ag | | | 10 | 17.7 | 13.4 | 62.4 | 44 | 2665 | 2 |
| SW Arcadia | Pulse USA | | | 10 | 21.3 | 12.1 | 63.7 | 43 | 2556 | 3 |
| CDC Greenwater | Meridian Seed | | | 9 | 27.6 | 13.0 | 63.4 | 41 | 2471 | 4 |
| AAC Comfort | Meridian Seed | | | 3 | 30.3 | 26.2 | 58.1 | 39 | 2319 | 5 |
| Empire | Great Northern Ag | | | 4 | 35.7 | 17.6 | 62.7 | 29 | 1761 | 6 |
| Junior pea | NS Seed | | | 6 | 26.1 | 18.2 | | 27 | 1650 | 7 |
| Average of all varieties | | | | 7 | 26.4 | 16.3 | 62.3 | 38 | 2309 | |
| Difference required for significance at 5% | | | | 2 | 5 | 4 | 2 | 10 | 648 | |
| Lentils | | | | | | | | | | |
| CDC Maxim CL | Pulse USA | | | | | 10 | | 31 | 1835 | 1 |
| CDC Invincible CL | Pulse USA | | | | | 10 | | 29 | 1738 | 2 |
| Chickpeas | | | | | | | | | | |
| CDC Orion | Meridian Seed | | | | | 12.2 | 53.9 | 40 | 2418 | 1 |
| CDC Frontier | Meridian Seed | | | | | 12.7 | 55.4 | 35 | 2088 | 2 |

* DAP, Days after planting

* 1 = late maturing, 10 = early maturing

* Yield at 60 lb/bu and 13% moisture

For more information see related article, [Double Cropping Pulses with Short-Season Crops, Forages, and Cover Crops in Eastern Nebraska](https://www.cropwatch.unl.edu/article/double-cropping-pulses-with-short-season-crops-forages-and-cover-crops-in-eastern-nebraska), in [CropWatch.unl.edu](https://www.cropwatch.unl.edu).