

2017 Pea Variety Trial at Bladen (Webster Co.)_Rainfed

Planting Date: April 7, 2017

Harvest Date: July 5, 2017

| Brand | Variety | Entry | Yield rank | *Yield (lbs/a) | *Yield (bu/a) | Seed protein (% dry basis) | 50% bloom (DAP) | Height at harvest (inch) | Lodging at harvest (0-9) | Moisture at harvest (%) | Stand (plants/a) |
|---|--------------|-------|------------|----------------|---------------|----------------------------|-----------------|--------------------------|--------------------------|-------------------------|------------------|
| Meridian | AAC Carver | 3 | 1 | 1954 | 33 | 24 | 62 | 23 | 10 | 1 | 266878 |
| Great Northern Ag. | Spider | 21 | 2 | 1934 | 32 | 26 | 62 | 21 | 3 | 1 | 258456 |
| Pulse USA | Nette 2010 | 8 | 3 | 1922 | 32 | 24 | 62 | 20 | 7 | 1 | 277623 |
| Meridian | CDC Inca | 4 | 4 | 1908 | 32 | 26 | 62 | 21 | 4 | 1 | 358064 |
| Meridian | Jetset | 1 | 5 | 1824 | 30 | 24 | 62 | 19 | 15 | 1 | 257585 |
| Meridian | AC Earlystar | 2 | 6 | 1793 | 30 | 25 | 62 | 21 | 11 | 1 | 317408 |
| Pulse USA | SW Midas | 9 | 7 | 1739 | 29 | 24 | 62 | 19 | 9 | 1 | 252068 |
| Pulse USA | Durwood | 10 | 8 | 1725 | 29 | 25 | 63 | 23 | 4 | 1 | 312761 |
| Serbian | Dukat | 27 | 9 | 1708 | 28 | 25 | 63 | 18 | 13 | 1 | 213735 |
| Great Northern Ag. | Salamanca | 20 | 10 | 1693 | 28 | 26 | 62 | 23 | 8 | 1 | 286916 |
| Pulse USA | DS-Admiral | 7 | 11 | 1569 | 26 | 25 | 63 | 22 | 8 | 1 | 286044 |
| Meridian | CDC Saffron | 6 | 12 | 1539 | 26 | 25 | 62 | 20 | 10 | 1 | 239580 |
| Serbian | Partner | 28 | 13 | 1378 | 23 | 25 | 62 | 19 | 28 | 1 | 213154 |
| Average of all entries | | | | 1745 | 29 | 25 | 62 | 21 | 10 | 1 | 272328 |
| Difference required for significance at 5% | | | | 391 | 7 | 1 | NS | 3 | 8 | ns | 53074 |

Yield @ 13% moisture 1 bu = 60 lbs

DAP = Days After Planting

Trial summary:

- 1 Trial location: Bladen in Webster Co. (GPS: N 40.248485, W 98.582978)
- 2 Trial was planted on no-till ground on corn stubble
- 3 Herbicide: Pre Plant Sharpen, Prowl, Roundup
- 4 Seeding rate: 350,000 live seeds/acre
- 5 Seeds were inoculated with granular pea inoculum at the time of planting
- 6 Plot: 5 ft x 25 ft (8 rows with 7.5" row spacing)
- 7 Total precipitation during the growing period: 7.55 inches