

2019 Field Pea Variety Trial at Clemson

| Variety | Cotyledon | Source ¹ | Days to | Days to | Canopy | Resistant | Total | Seed | 1000 Seed | Seed Yield |
|----------------|-----------|---------------------|------------------|------------------|--------|-----------|--------|---------|-----------|------------|
| | | | Flower | Maturity | Height | Starch | Starch | Protein | Weight | |
| | | | DAP ² | DAP ² | cm | g/100g | g/100g | g/100g | g | kg/ha |
| AAC Carver | Yellow | Meridian | 70 | 108 | 67 | 7.1 | 61 | 18 | 209 | 3456.8 |
| Jetset | Yellow | Meridian | 68 | 109 | 53 | 7.4 | 68 | 23 | 216 | 2869.5 |
| Banjo | Yellow | Pulse USA | 71 | 110 | 65 | 7.1 | 56 | 22 | 215 | 2656.3 |
| Mystique | Yellow | Pulse USA | 72 | 112 | 65 | 8.0 | 59 | 22 | 221 | 2581.8 |
| AC Earlystar | Yellow | Meridian | 71 | 110 | 61 | 8.0 | 36 | 20 | 195 | 2552.5 |
| CDC Saffron | Yellow | Meridian | 72 | 111 | 59 | 7.4 | 59 | 21 | 220 | 2424.6 |
| PS16100003 | Green | USDA | 71 | 111 | 62 | 7.6 | 52 | 22 | 224 | 2341.5 |
| CDC Spectrum | Yellow | Meridian | 74 | 113 | 64 | 8.1 | 52 | 22 | 207 | 2297.6 |
| PS16100096 | Yellow | USDA | 72 | 111 | 58 | 7.2 | 57 | 22 | 202 | 2293.3 |
| DS Admiral | Yellow | Pulse USA | 69 | 110 | 60 | 7.5 | 61 | 21 | 224 | 2200.1 |
| SW Midas | Yellow | Pulse USA | 70 | 109 | 53 | 7.9 | 49 | 21 | 183 | 2160.6 |
| AC Agassiz | Yellow | Meridian | 70 | 110 | 57 | 7.4 | 47 | 21 | 220 | 2132.8 |
| AAC Comfort | Green | Meridian | 77 | 112 | 43 | 9.3 | 56 | 22 | 233 | 2129.7 |
| PS16100038 | Green | USDA | 72 | 113 | 50 | 7.7 | 55 | 21 | 214 | 2119.5 |
| PS03101445 | Green | USDA | 71 | 111 | 55 | 6.8 | 51 | 20 | 196 | 2067.8 |
| PS01100925 | Yellow | USDA | 68 | 112 | 50 | 7.5 | 56 | 23 | 223 | 2002.3 |
| PS16100086 | Yellow | USDA | 72 | 112 | 49 | 7.4 | 48 | 21 | 247 | 1952.6 |
| CDC Greenwater | Green | Meridian | 72 | 111 | 57 | 8.0 | 57 | 20 | 216 | 1910.7 |
| Matrix | Green | Pulse USA | 76 | 112 | 56 | 8.2 | 65 | 19 | 235 | 1876.3 |
| PS16100085 | Yellow | USDA | 70 | 111 | 51 | 7.0 | 61 | 19 | 222 | 1874.5 |
| PS14100079 | Yellow | USDA | 69 | 110 | 46 | 7.8 | 64 | 23 | 279 | 1840.1 |
| PS1410B0003 | Yellow | USDA | 70 | 110 | 56 | 7.5 | 52 | 18 | 218 | 1838.5 |
| PS1410B0073 | Green | USDA | 77 | 112 | 54 | 7.5 | 49 | 23 | 193 | 1809.7 |
| PS05100735 | Green | USDA | 74 | 112 | 58 | 8.2 | 52 | 23 | 196 | 1787.2 |
| Durwood | Yellow | Pulse USA | 70 | 110 | 61 | 7.7 | 59 | 22 | 215 | 1764.1 |
| PS12100047 | Yellow | USDA | 71 | 110 | 43 | 7.8 | 65 | 20 | 239 | 1748.1 |
| PS08101022 | Yellow | USDA | 68 | 111 | 48 | 8.2 | 35 | 21 | 225 | 1712.0 |
| Hampton | Green | USDA | 72 | 112 | 44 | 7.4 | 49 | 22 | 194 | 1683.0 |
| PS16100127 | Yellow | USDA | 74 | 112 | 38 | 7.5 | 54 | 22 | 167 | 1648.4 |
| Korando | Yellow | Pulse USA | 68 | 111 | 49 | 8.0 | 61 | 21 | 245 | 1569.5 |
| PS08101004 | Yellow | USDA | 70 | 112 | 49 | 7.3 | 60 | 21 | 214 | 1563.7 |
| Delta | Yellow | USDA | 69 | 111 | 46 | 7.3 | 65 | 22 | 214 | 1428.9 |
| Fiddle | Yellow | Pulse USA | 70 | 111 | 55 | 7.6 | 56 | 23 | 217 | 1412.2 |
| Nette 2010 | Yellow | Pulse USA | 68 | 110 | 52 | 7.1 | 60 | 20 | 198 | 1336.8 |
| CDC Inca | Yellow | Meridian | 72 | 110 | 55 | 7.6 | 50 | 20 | 194 | 1331.3 |
| SW Arcadia | Green | Pulse USA | 69 | 110 | 45 | 6.8 | 46 | 20 | 198 | 1319.5 |
| PS08100582 | Green | USDA | 72 | 111 | 51 | 6.5 | 58 | 22 | 189 | 1318.2 |
| CDC Amarillo | Yellow | Meridian | 74 | 111 | 52 | 6.7 | 56 | 20 | 208 | 1267.0 |
| PS1410B0065 | Green | USDA | 74 | 113 | 49 | 7.7 | 50 | 22 | 235 | 1153.2 |
| Flute | Green | Pulse USA | 72 | 111 | 48 | 7.2 | 53 | 23 | 186 | 1074.5 |
| PS1514B0002 | Green | USDA | 70 | 112 | 39 | 7.3 | 51 | 22 | 214 | 1013.0 |
| CDC Striker | Green | Pulse USA | 72 | 112 | 53 | 7.6 | 58 | 22 | 219 | 866.5 |
| PS1410B0006 | Green | USDA | 71 | 111 | 37 | 8.2 | 57 | 20 | 210 | 828.3 |
| LG Koda | Green | Pulse USA | 72 | 112 | 47 | 7.0 | 55 | 20 | 199 | 779.9 |
| Trial Mean | | | 71 | 111 | 52 | 7.5 | 55 | 21.2 | 213 | 1818 |
| CV | | | | | | 9.8 | 17.2 | 4.6 | 4.4 | 41.8 |
| LSD 5% | | | | | | 1.5 | 19 | 2 | 19 | 1532 |

¹ Source

USDA: WSU USDA-ARS, Rebecca McGee

Meridian: Meridian Seeds

Pulse USA: Pulse USA, Inc.

Planted: 2/4/2019

Harvested: 5/30/2019

² Days after planting