

2020 Field Pea Variety Trial at WP Rawl & Sons

| Variety | Cotyledon | Source ¹ | Days to Flower | Days to Maturity | Canopy Height | Resistant Starch | Total Starch | Seed Protein | 1000 Seed Weight | Seed Yield |
|----------------|-----------|---------------------|------------------|------------------|---------------|------------------|--------------|--------------|------------------|------------|
| | | | DAP ² | DAP ² | cm | g/100g | g/100g | g/100g | g | kg/ha |
| PS17100022 | Yellow | USDA | 68 | 102 | 68 | 15.2 | 45.3 | 19.3 | 224 | 1973 |
| AAC Carver | Yellow | Meridian | 67 | 102 | 56 | 15.5 | 50.0 | 20.7 | 192 | 1946 |
| LG Sunrise | Yellow | Pulse USA | 63 | 103 | 62 | 15.2 | 54.1 | 19.8 | 224 | 1789 |
| AC Agassiz | Yellow | Meridian | 68 | 103 | 54 | 15.2 | 53.2 | 19.8 | 189 | 1744 |
| DL Apollo | Yellow | Pulse USA | 68 | 103 | 64 | 16.5 | 58.9 | 20.3 | 191 | 1584 |
| Matrix | Green | Pulse USA | 72 | 103 | 50 | 14.4 | 58.2 | 20.4 | 196 | 1525 |
| Jetset | Yellow | Meridian | 63 | 101 | 52 | 15.5 | 46.6 | 20.6 | 193 | 1519 |
| CDC Inca | Yellow | Meridian | 68 | 103 | 61 | 14.1 | 46.7 | 21.0 | 177 | 1511 |
| Mystique | Yellow | Pulse USA | 68 | 103 | 64 | 13.7 | 47.5 | 22.2 | 186 | 1509 |
| Durwood | Yellow | Pulse USA | 68 | 104 | 69 | 15.7 | 49.8 | 22.8 | 181 | 1504 |
| CDC Greenwater | Green | Meridian | 69 | 105 | 53 | 14.9 | 49.8 | 21.4 | 199 | 1449 |
| CDC Amarillo | Yellow | Meridian | 71 | 105 | 52 | 15.0 | 50.9 | 21.0 | 183 | 1442 |
| Korando | Yellow | Pulse USA | 63 | 102 | 55 | 13.1 | 51.3 | 18.3 | 216 | 1429 |
| CDC Saffron | Yellow | Meridian | 68 | 103 | 54 | 13.1 | 55.1 | 22.4 | 197 | 1418 |
| Flute | Green | Pulse USA | 72 | 108 | 65 | 14.3 | 48.2 | 22.3 | 183 | 1371 |
| CDC Striker | Green | Pulse USA | 65 | 102 | 50 | 14.2 | 51.3 | 26.5 | 189 | 1337 |
| Banjo | Yellow | Pulse USA | 65 | 102 | 60 | 13.8 | 54.9 | 21.9 | 202 | 1212 |
| PS16100085 | Yellow | USDA | 64 | 101 | 46 | 14.7 | 56.5 | 20.2 | 230 | 1199 |
| AC Earlystar | Yellow | Meridian | 66 | 103 | 61 | 14.4 | 51.4 | 19.6 | 182 | 1191 |
| PS17100281 | Yellow | USDA | 64 | 102 | 51 | 15.3 | 46.5 | 20.9 | 217 | 1139 |
| PS03101445 | Green | USDA | 65 | 103 | 52 | 13.3 | 45.5 | 21.0 | 185 | 1120 |
| PS16100096 | Yellow | USDA | 68 | 105 | 66 | 15.5 | 53.7 | 21.7 | 178 | 1098 |
| PS17100236 | Yellow | USDA | 63 | 101 | 52 | 15.7 | 48.2 | 20.9 | 210 | 1086 |
| Viper | Green | Pulse USA | 64 | 103 | 57 | 15.4 | 60.8 | 20.2 | 186 | 1085 |
| SW Arcadia | Green | Pulse USA | 66 | 101 | 46 | 14.5 | 52.6 | 21.5 | 172 | 1073 |
| AAC Comfort | Green | Meridian | 75 | 110 | 62 | 14.4 | 53.3 | 22.0 | 198 | 1064 |
| LG Amigo | Yellow | Pulse USA | 68 | 106 | 51 | 14.5 | 47.5 | 21.7 | 179 | 992 |
| Delta | Yellow | USDA | 64 | 101 | 45 | 15.0 | 54.5 | 20.3 | 202 | 979 |
| PS1410B0065 | Green | USDA | 68 | 105 | 64 | 14.4 | 45.9 | 22.5 | 189 | 961 |
| PS12100047 | Yellow | USDA | 65 | 101 | 48 | 13.8 | 52.9 | 19.8 | 222 | 958 |
| DS Admiral | Yellow | Pulse USA | 65 | 103 | 48 | 15.6 | 54.3 | 19.8 | 186 | 932 |
| PS16100086 | Yellow | USDA | 65 | 102 | 46 | 15.4 | 56.1 | 20.6 | 242 | 917 |
| LG Koda | Green | Pulse USA | 68 | 104 | 50 | 13.6 | 54.6 | 21.6 | 200 | 884 |
| PS08100582 | Green | USDA | 68 | 108 | 51 | 12.3 | 53.6 | 21.7 | 172 | 868 |
| SW Midas | Yellow | Pulse USA | 65 | 102 | 46 | 15.3 | 54.1 | 21.3 | 180 | 855 |
| Nette 2010 | Yellow | Pulse USA | 63 | 102 | 50 | 15.4 | 55.2 | 21.9 | 184 | 826 |
| CDC Spectrum | Yellow | Meridian | 68 | 105 | 53 | 14.2 | 54.2 | 23.3 | 172 | 825 |
| PS1410B0003 | Yellow | USDA | 63 | 100 | 49 | 13.9 | 50.5 | 23.6 | 186 | 825 |
| PS01100925 | Yellow | USDA | 63 | 103 | 43 | 15.2 | 47.8 | 21.1 | 225 | 822 |
| PS14100079 | Yellow | USDA | 63 | 101 | 41 | 16.9 | 56.9 | 20.6 | 268 | 783 |
| PS16100003 | Green | USDA | 66 | 104 | 57 | 16.6 | 61.8 | 18.9 | 208 | 732 |
| Fiddle | Yellow | Pulse USA | 67 | 106 | 55 | 13.2 | 53.3 | 24.1 | 208 | 712 |
| PS16100038 | Green | USDA | 69 | 108 | 41 | 15.2 | 50.2 | 22.1 | 214 | 675 |
| PS08101022 | Yellow | USDA | 63 | 102 | 45 | 15.3 | 52.5 | 20.7 | 202 | 652 |
| PS1410B0073 | Green | USDA | 74 | 105 | 49 | 12.4 | 51.6 | 22.3 | 165 | 553 |
| PS17100046 | Yellow | USDA | 65 | 102 | 37 | 13.3 | 53.9 | 22.6 | 232 | 537 |
| PS05100735 | Green | USDA | 73 | 107 | 57 | 14.9 | 52.9 | 24.0 | 170 | 523 |
| PS1410B0006 | Green | USDA | 66 | 101 | 37 | 12.5 | 55.5 | 22.1 | 203 | 380 |
| Hampton | Green | USDA | 68 | 104 | 45 | 13.8 | 57.1 | 24.7 | 190 | 365 |
| PS08101004 | Yellow | USDA | 65 | 103 | 48 | 13.9 | 52.4 | 20.0 | 218 | 332 |
| PS1514B0002 | Green | USDA | 65 | 103 | 43 | 15.0 | 59.8 | 22.2 | 129 | 325 |
| PS16100127 | Yellow | USDA | 68 | 104 | 50 | 12.9 | 52.9 | 23.9 | 152 | 182 |
| Trial Mean | | | 67 | 103 | 53 | 15 | 53 | 21 | 197 | 1052 |
| CV | | | | | | | | 8.6 | 5.3 | 32.8 |
| LSD 5% | | | | | | | | 3 | 17 | 559 |

¹ Source

USDA: WSU USDA-ARS, Rebecca McGee

Meridian: Meridian Seeds

Pulse USA: Pulse USA, Inc.

² Days after planting

Planted: 1/29/20

Harvested: 6/3/20