



PLANT AND ENVIRONMENTAL SCIENCES
**PULSE QUALITY AND NUTRITIONAL
 BREEDING PROGRAM**
 CLEMSON UNIVERSITY

Clemson University: OREI Organic Field Pea - WP Rawl & Sons 2022

2022 Field Pea Variety Trial - WP Rawl & Sons

| Variety | Cotyledon | Source ¹ | Days to | Days to | Canopy | Total | Seed | 1000 Seed | Seed |
|----------------|-----------|---------------------|------------------|------------------|--------|--------|---------|-----------|-------|
| | | | Flower | Maturity | Height | Starch | Protein | Weight | Yield |
| | | | DAP ² | DAP ² | cm | g/100g | g/100g | g | kg/ha |
| DL Apollo | Yellow | Pulse USA | 69 | 101 | 33 | 42.3 | 21.3 | 187 | 1417 |
| AAC Carver | Yellow | Meridian | 71 | 104 | 35 | 40.4 | 21.4 | 205 | 1345 |
| CDC Saffron | Yellow | Meridian | 69 | 106 | 33 | 41.0 | 21.4 | 223 | 1290 |
| AC Earlystar | Yellow | Meridian | 71 | 103 | 37 | 40.6 | 21.9 | 174 | 1217 |
| Jetset | Yellow | Meridian | 69 | 101 | 33 | 40.9 | 21.5 | 201 | 1125 |
| CDC Inca | Yellow | Meridian | 77 | 110 | 37 | 40.4 | 21.7 | 193 | 1071 |
| CDC Amarillo | Yellow | Meridian | 76 | 108 | 28 | 41.6 | 21.0 | 184 | 1069 |
| CDC Greenwater | Green | Meridian | 77 | 113 | 32 | 40.9 | 21.7 | 200 | 1029 |
| LG Koda | Green | Pulse USA | 76 | 108 | 29 | 40.6 | 21.3 | 218 | 1016 |
| Korando | Yellow | Pulse USA | 70 | 102 | 27 | 41.7 | 21.1 | 201 | 736 |
| LG Stunner | Yellow | Pulse USA | 73 | 104 | 26 | 42.1 | 21.9 | 162 | 660 |
| Trial Mean | | | 72 | 105 | 32 | 41 | 21.5 | 195 | 1088 |
| CV | | | | | | 2.9 | 2.6 | 3.0 | 12.0 |
| LSD 5% | | | | | | 1.8 | 0.8 | 11 | 198 |

¹ *Source*
 Meridian: Meridian Seeds
 Pulse USA: Pulse USA, Inc.

Planted: 2/1/22
Harvested: 6/1/22

² *Days after planting*