

2014 WSU Variety Testing Pea Trial Summary, Farmington

| Variety Name | Type | 2014 | | | | | | | |
|----------------------|--------|------------------------|------------------------|------------------------|---------------|-------------------------|-------------------|--------------------|-------------|
| | | 4 Year Average (Lbs/A) | 3 Year Average (Lbs/A) | 2 Year Average (Lbs/A) | Yield (Lbs/A) | 100 Seed Weight (Grams) | Plant Height (In) | Canopy Height (In) | Erect Index |
| Carousel | Yellow | 2520 | 2270 | 2310 | 2130 | 23.4 | 26 | 22 | 0.84 |
| Pro 083-7402 | Yellow | | | 2190 | 1830 | 22.3 | 26 | 18 | 0.72 |
| PS08100582 | Green | | | 2080 | 1760 | 21.6 | 25 | 17 | 0.69 |
| PS03101445 | Green | 2540 | 2260 | 2100 | 1740 | 20.8 | 24 | 17 | 0.72 |
| PS07100470 | Green | 2400 | 2180 | 2010 | 1710 | 20.9 | 26 | 17 | 0.66 |
| Ginny (Pro 091-7137) | Green | | | | 1710 | 20.5 | 24 | 18 | 0.77 |
| Pro 793 | Yellow | | 2070 | 2050 | 1690 | 25.8 | 25 | 18 | 0.70 |
| Pro 822 | Yellow | 2380 | 2030 | 2060 | 1620 | 23.9 | 23 | 18 | 0.81 |
| Universal | Yellow | 2370 | 2050 | 2140 | 1610 | 20.8 | 28 | 23 | 0.83 |
| PS08100133 | Green | | | 2040 | 1600 | 22.1 | 23 | 17 | 0.72 |
| PS07ND0190 | Green | | 2180 | 2160 | 1600 | 20.9 | 29 | 20 | 0.70 |
| Ariel | Green | 2250 | 2040 | 1950 | 1590 | 17.2 | 24 | 19 | 0.77 |
| PS08101022 | Yellow | | | 2070 | 1560 | 23.2 | 22 | 15 | 0.69 |
| NDP080111 | Green | 2130 | 1930 | 1890 | 1540 | 19.9 | 30 | 24 | 0.80 |
| PS05100840 | Green | 2220 | 1960 | 1820 | 1480 | 22.4 | 22 | 17 | 0.78 |
| PS05100120 | Green | | | | 1470 | 20.3 | 23 | 12 | 0.50 |
| PS08101004 | Yellow | | 2040 | 1880 | 1440 | 22.5 | 25 | 14 | 0.57 |
| Greenwood (Pro 7040) | Green | | 1970 | 1720 | 1410 | 19.2 | 25 | 20 | 0.79 |
| Aragorn | Green | 2070 | 1880 | 1780 | 1360 | 19.2 | 23 | 18 | 0.78 |
| PS05100736 (Hampton) | Green | | | | 1340 | 21.9 | 20 | 17 | 0.87 |
| Banner | Green | 2310 | 2100 | 2010 | 1320 | 19.3 | 25 | 15 | 0.59 |
| PS07100471 | Green | 2400 | 2170 | 1940 | 1310 | 19.2 | 22 | 15 | 0.70 |
| PS07100925 | Yellow | | 1950 | 1880 | 1250 | 24.9 | 20 | 18 | 0.89 |
| Columbian | Green | 1710 | 1400 | 1330 | 1030 | 21.0 | 26 | 12 | 0.48 |
| C.V. % | | 10 | 11 | 13 | 16 | 3.3 | 8 | 13 | 13.20 |
| LSD (.10) | | 120 | 140 | 190 | 270 | 0.8 | 2 | 3 | 0.10 |
| Average | | 2280 | 2030 | 1970 | 1550 | 21.4 | 24 | 18 | 0.72 |
| Highest | | 2540 | 2270 | 2310 | 2130 | 25.8 | 30 | 24 | 0.89 |
| Lowest | | 1710 | 1400 | 1330 | 1030 | 17.2 | 20 | 12 | 0.48 |

2014 WSU Farmington Spring Dry Pea – Preliminary Data

1. Seed yield in the 2014 Farmington spring dry pea variety trial averaged 1550 pounds/acre, well below the 2280 pounds/acre four-year average at this location. The Farmington nursery was located about four miles south of Farmington, WA (Bruce Nelson, cooperator).
2. This nursery was seeded on 2 May, 2014. Seed was placed at an eight seed/sq.ft. rate (approximately 150 lb/acre for average seed weight) using a double-disk plot drill set on 7-inch spacing. Seeding was timely and establishment was good.
3. Yields ranged from 1030 pounds/acre to 2130 pounds/acre. Yield values within the LSD range of the highest yield are shown in bold and one of the 24 entries are in this group. The yellow pea 'Carousel' was the highest yielding variety in this trial. Color type is listed after variety name.
4. Seed weights averaged 21.4 grams/100 seed and ranged widely, from 17.2 to 25.8 grams/100 seed. The average plant height was 24 inches, and the crop was blown over in a severe thunderstorm creating an average erectness index of 0.72.