

2012 WSU Variety Testing Pea Trial Summary, Dusty

| Variety Name | Type | 2 Year Average (Lbs/A) | 2012 | | | | |
|--------------|--------|------------------------|---------------|-------------------------|-------------------|--------------------|-------------|
| | | | Yield (Lbs/A) | 100 Seed Weight (Grams) | Plant Height (In) | Canopy Height (In) | Erect Index |
| PS05100736 | Green | 2830 | 2940 | 21.0 | 21 | 17 | 0.81 |
| Pro 7040 | Green | | 2760 | 20.1 | 23 | 17 | 0.69 |
| PS07100925 | Yellow | | 2660 | 24.9 | 20 | 14 | 0.71 |
| Pro 822 | Yellow | 2450 | 2640 | 25.6 | 25 | 21 | 0.83 |
| Pacifica | Green | 2540 | 2620 | 21.5 | 25 | 16 | 0.63 |
| PS07100470 | Green | 2300 | 2540 | 22.4 | 22 | 21 | 0.93 |
| Pro 091-7137 | Green | 2280 | 2510 | 20.2 | 25 | 21 | 0.84 |
| PS03101822 | Yellow | 2450 | 2510 | 24.9 | 21 | 13 | 0.63 |
| PS05100735 | Green | | 2510 | 20.7 | 20 | 17 | 0.84 |
| PS07100471 | Green | 2530 | 2490 | 20.9 | 25 | 21 | 0.85 |
| Aragorn | Green | 2260 | 2450 | 20.4 | 24 | 16 | 0.67 |
| PS08101004 | Yellow | | 2430 | 23.4 | 23 | 11 | 0.46 |
| Universal | Yellow | 2330 | 2430 | 22.4 | 24 | 23 | 0.94 |
| Ariel | Green | 2280 | 2400 | 18.2 | 25 | 20 | 0.80 |
| Banner | Green | 2340 | 2390 | 20.0 | 24 | 14 | 0.59 |
| Pro 793 | Yellow | | 2360 | 26.8 | 25 | 13 | 0.52 |
| PS03101445 | Green | 2290 | 2310 | 21.0 | 23 | 17 | 0.73 |
| PS07ND0190 | Green | | 2290 | 18.2 | 30 | 14 | 0.47 |
| PS08101108 | Yellow | | 2210 | 25.1 | 21 | 15 | 0.71 |
| Carousel | Yellow | 2100 | 2190 | 22.7 | 25 | 19 | 0.76 |
| PS05100840 | Green | 2300 | 2130 | 18.9 | 25 | 14 | 0.57 |
| NDP080111 | Green | 2280 | 2090 | 16.3 | 26 | 18 | 0.71 |
| Pro 081-7116 | Green | 1950 | 1880 | 22.5 | 24 | 14 | 0.55 |
| Columbian | Green | 1480 | 1630 | 18.6 | 33 | 8 | 0.24 |
| C.V. % | | 11 | 11 | 2.8 | 10 | 26 | 22.30 |
| LSD (.10) | | 180 | 280 | 0.7 | 3 | 5 | 0.16 |
| Average | | 2290 | 2390 | 21.5 | 24 | 16 | 0.69 |
| Highest | | 2830 | 2940 | 26.8 | 33 | 23 | 0.94 |
| Lowest | | 1480 | 1630 | 16.3 | 20 | 8 | 0.24 |

2012 WSU Dusty Spring Dry Pea - Preliminary Data

1. Seed yield in 2012 the Dusty spring dry pea variety trial averaged 2390 pounds/acre, 280 pounds/acre higher than the 2011 average yield. The Dusty nursery was located about six miles west of Dusty, WA (Steve Camp, cooperator).
2. This nursery was seeded on 10 April, 2012. Seed was placed at an 8 seed/sq.ft. rate (approximately 150 lb/acre for average seed weight) using a double-disk plot drill set on 6-inch spacing. Seeding was later than desirable and seeding condition caused shallow seed placement that reduced some establishment.
3. Yields ranged from 1630 pounds/acre to 2940 pounds/acre. Yield values within the LSD range of the highest yield are shown in bold and 2 of the 30 entries are in this group. `Pacifica' was the highest yielding green variety and `Universal' was the highest yielding named yellow variety in this trial.
4. Seed weights were high and averaged 21.5 grams/100 seed and ranged from 16.3 to 26.8 grams/100 seed. The average plant height was 24 inches and the plant erect index (0-1.0) averaged 0.69.