

## 2014 WSU Variety Testing Pea Trial Summary, Palouse

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
Pro 793	Yellow		2980	3040	<b>2640</b>	<b>23.8</b>	27	25	0.93
Universal	Yellow	2940	2890	3060	<b>2520</b>	20.2	29	29	0.97
PS08101004	Yellow		2870	2880	<b>2490</b>	22.0	26	23	0.90
Carousel	Yellow	2830	2760	2880	2440	22.1	29	29	1.00
Pro 822	Yellow	2870	2840	2960	2370	22.2	27	26	0.98
PS08100133	Green			2750	2360	19.5	24	23	0.96
Ariel	Green	2530	2600	2700	2350	16.9	29	28	0.99
PS07100471	Green	2690	2640	2630	2340	18.5	25	24	0.98
Pro 083-7402	Yellow			2790	2300	21.7	30	28	0.94
PS05100840	Green	2670	2630	2640	2290	19.8	23	21	0.93
PS07100470	Green	2650	2580	2620	2290	19.0	28	28	0.95
Ginny (Pro 091-7137)	Green				2290	18.8	27	27	0.99
PS08101022	Yellow			2950	2270	22.5	23	19	0.83
PS08100582	Green			2710	2260	20.2	28	26	0.91
PS05100736 (Hampton)	Green				2260	20.9	23	23	0.99
Banner	Green	2670	2500	2550	2250	18.9	27	23	0.90
PS03101445	Green	2590	2620	2620	2240	20.4	24	22	0.96
PS05100120	Green				2220	19.2	27	24	0.88
Aragorn	Green	2560	2620	2730	2210	18.5	26	25	0.98
PS07100925	Yellow		2760	2800	2210	<b>24.6</b>	23	19	0.82
NDP080111	Green	2650	2600	2580	2130	18.0	32	30	0.91
Greenwood (Pro 7040)	Green		2580	2540	2120	18.6	25	23	0.92
PS07ND0190	Green		2540	2570	2060	19.7	35	31	0.90
Columbian	Green	2010	2020	1900	1820	16.8	31	9	0.29
C.V. %		10	8	9	7	4.0	7	8	6.31
LSD (.10)		130	130	180	180	0.9	2	2	0.06
Average		2640	2650	2710	2280	20.1	27	24	0.91
Highest		2940	2980	3060	2640	24.6	35	31	1.00
Lowest		2010	2020	1900	1820	16.8	23	9	0.29

### 2014 WSU Palouse Spring Dry Pea – Preliminary Data

1. Seed yield in the 2014 Palouse spring dry pea variety trial averaged 2280 pounds/acre, below the 2640 pounds/acre four-year average at this location. The Palouse nursery was located about six miles south of Palouse, WA (Chris and Frank Fleener, cooperators).
2. This nursery was seeded on 19 April, 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 1820 pounds/acre to 2640 pounds/acre. Yield values within the LSD range of the highest yield are shown in bold and four of the 24 entries are in this group. The yellow pea 'Pro 793' was the highest yielding variety in this trial. Color type is listed after variety name.
4. Seed weights averaged 20.1 grams/100 seed and ranged widely, from 16.8 to 24.6 grams/100 seed. The average plant height was 27 inches, with an average erectness index of 0.91.