

2014 WSU Variety Testing Pea Trial Summary, Walla Walla

Variety Name	Type	3 Year Average (Lbs/A)	2 Year Average (Lbs/A)	2014				
				Yield (Lbs/A)	100 Seed Weight (Grams)	Plant Height (In)	Canopy Height (In)	Erect Index
PS07100470	Green	2340	2360	2490	23.0	23	22	0.97
PS08101004	Yellow		2380	2470	24.4	22	16	0.74
Carousel	Yellow	2400	2330	2450	25.5	24	24	1.00
Pro 083-7402	Yellow			2420	24.0	23	23	1.00
PS08100582	Green			2390	23.2	23	23	1.00
Pro 822	Yellow	2310	2320	2390	25.2	23	23	1.00
PS07ND0190	Green		1920	2380	21.8	27	27	1.00
PS03101445	Green	2330	2240	2310	22.5	21	21	1.00
PS08101022	Yellow			2290	24.7	20	20	1.00
Ginny (Pro 091-7137)	Green			2250	20.8	23	23	1.00
Greenwood (Pro 7040)	Green		2220	2250	20.3	24	24	1.00
Pro 793	Yellow		2260	2190	27.5	25	25	1.00
Universal	Yellow	2210	2240	2130	21.8	24	24	1.00
PS08100133	Green			2100	23.3	21	21	1.00
Aragorn	Green	2120	2070	2050	20.5	24	25	1.00
Ariel	Green	2180	2110	2050	19.1	21	21	1.00
NDP080111	Green	2000	1840	2030	21.1	31	31	1.00
PS07100925	Yellow		2100	1970	23.6	20	20	0.98
Banner	Green	2180	2090	1960	20.1	23	21	0.93
PS05100736 (Hampton)	Green			1920	22.6	20	19	1.00
PS07100471	Green	2270	2140	1870	21.7	22	22	1.00
PS05100840	Green	2140	2010	1840	22.5	19	19	1.00
PS05100120	Green			1780	21.0	22	21	0.94
Columbian	Green	1330	1260	810	22.5	26	9	0.34
C.V. %		8	8	8	2.5	9	12	6.95
LSD (.10)		100	120	190	0.6	2	3	0.07
Average		2150	2110	2120	22.6	23	22	0.95
Highest		2400	2380	2490	27.5	31	31	1.00
Lowest		1330	1260	810	19.1	19	9	0.34

2014 WSU Walla Walla Spring Dry Pea – Preliminary Data

1. Seed yield in the 2014 Walla Walla spring dry pea variety trial averaged 2120 pounds/acre, equivalent to the four-year average at this location. The Walla Walla nursery was located about two miles east of Walla Walla, WA (Dwellely Jones, cooperator).
2. This nursery was seeded on 4 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 810 pounds/acre to 2490 pounds/acre. Yield values within the LSD range of the highest yield are shown in bold and eight 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 22.6 grams/100 seed and ranged widely, from 19.1 to 27.5 grams/100 seed. The average plant height was 23 inches, and most entries were near 1.0 on the erectness index.