

2013 WSU Variety Testing Pea Trial Summary, Palouse

Variety Name	Type	3 Year Average (Lbs/A)	2 Year Average (Lbs/A)	2013				
				Yield (Lbs/A)	100 Seed Weight (Grams)	Plant Height (In)	Canopy Height (In)	Erect Index
PS08101022	Yellow			3630	24.0	32	22	0.70
Universal	Yellow	3080	3070	3600	21.9	37	39	1.01
Pro 822	Yellow	3040	3080	3550	24.5	39	39	0.98
Pro 793	Yellow		3150	3450	27.1	37	34	0.92
PS07100925	Yellow		3040	3400	26.1	31	30	0.98
Carousel	Yellow	2960	2910	3310	24.7	37	35	0.95
Pro 081-7161	Green			3290	18.6	34	33	0.97
Pro 083-7402	Yellow			3270	21.8	38	30	0.79
PS08101004	Yellow		3070	3270	23.3	31	23	0.76
Aragorn	Green	2680	2820	3250	21.0	36	32	0.91
PS08100582	Green			3150	21.4	33	33	1.02
PS08100133	Green			3130	20.6	34	19	0.57
PS07ND0190	Green		2780	3090	21.0	42	42	0.96
Ariel	Green	2600	2720	3050	18.9	36	31	0.88
NDP080111	Green	2820	2830	3030	18.3	40	33	0.81
Pro 091-7137	Green	2690	2820	3020	20.0	34	34	0.96
PS03101445	Green	2710	2810	3000	20.7	32	26	0.79
PS05100840	Green	2800	2800	2990	20.7	33	32	0.96
Greenwood (Pro 7040)	Green		2810	2960	19.2	35	25	0.74
PS07100470	Green	2760	2720	2950	20.1	37	33	0.91
PS07100471	Green	2810	2790	2930	19.6	30	21	0.70
PS05100736	Green	2820	2800	2850	20.4	35	25	0.72
Banner	Green	2810	2630	2850	18.7	36	23	0.67
Columbian	Green	2080	2120	1980	19.9	32	9	0.28
C.V. %		10	8	10	2.6	7	24	21.90
LSD (.10)		170	170	320	0.6	3	8	0.19
Average		2760	2830	3130	21.4	35	29	0.83
Highest		3080	3150	3630	27.1	42	42	1.02
Lowest		2080	2120	1980	18.3	30	9	0.28

2013 WSU Palouse Spring Dry Pea - Preliminary Data

1. Seed yield in 2013 the Palouse spring dry pea variety trial was very good with an average of 3130 pounds/acre, 370 pounds/acre higher than the 3-year average yield. The Palouse nursery was located about six miles south of Palouse, WA (Chris and Frank Fleener, cooperators).
2. This nursery was seeded on 1 May, 2013. 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 timely and establishment was good.
3. Yields ranged from 1980 pounds/acre to 3630 pounds/acre. Yield values within the LSD range of the highest yield are shown in bold and 5 of the 24 entries are in this group. `Aragorn' was the highest yielding green variety and `Universal' was the highest yielding named yellow variety in this trial.
4. Seed weights averaged 21.4 grams/100 seed and ranged from 18.3 to 27.1 grams/100 seed. The average plant height was 35 inches and plants varied for erectness with the most upright value of 1.0 and the least erect was `Columbian' with a 0.28 value.