

2012 WSU Variety Testing Pea Trial Summary, Palouse

Variety Name	Type	2 Year Average (Lbs/A)	2012				
			Yield (Lbs/A)	100 Seed Weight (Grams)	Plant Height (In)	Canopy Height (In)	Erect Index
PS08101004	Yellow		2860	24.2	23	21	0.91
Pro 793	Yellow		2840	27.5	24	23	0.93
Pacifica	Green	2780	2820	23.5	27	21	0.80
PS05100736	Green	2800	2750	22.6	23	20	0.88
PS03101822	Yellow	3090	2690	25.1	19	16	0.85
PS07100925	Yellow		2670	25.2	23	20	0.90
PS07100471	Green	2750	2660	21.9	24	24	1.00
Pro 7040	Green		2650	20.1	23	22	0.95
NDP080111	Green	2720	2630	20.2	31	27	0.89
PS03101445	Green	2560	2620	21.3	23	23	1.00
Pro 091-7137	Green	2520	2620	21.0	23	23	1.00
Pro 822	Yellow	2780	2620	25.4	26	26	1.00
PS05100840	Green	2700	2600	21.5	25	24	1.00
PS08101108	Yellow		2590	25.6	19	18	1.00
PS05100735	Green		2570	22.5	21	12	0.56
Universal	Yellow	2820	2540	22.6	23	23	1.00
Pro 081-7116	Green	2750	2530	22.3	23	24	1.00
Carousel	Yellow	2780	2520	24.9	25	25	1.00
PS07100470	Green	2670	2500	22.9	22	21	0.94
PS07ND0190	Green		2470	22.3	30	30	1.00
Banner	Green	2790	2410	20.4	22	23	1.00
Aragorn	Green	2400	2390	21.0	22	22	1.00
Ariel	Green	2370	2390	18.5	23	22	1.00
Columbian	Green	2130	2260	18.2	33	10	0.32
C.V. %		10	5	2.1	9	11	10.20
LSD (.10)		200	130	0.5	2	2	0.10
Average		2670	2590	22.5	24	22	0.91
Highest		3090	2860	27.5	33	30	1.00
Lowest		2130	2260	18.2	19	10	0.32

2012 WSU Palouse Spring Dry Pea - Preliminary Data

1. Seed yield in 2012 the Palouse spring dry pea variety trial averaged 2590 pounds/acre, nearly equal to the 2011 average yield. The Palouse nursery was located about eight miles south of Palouse, WA (Chris Fleener, cooperator).

2. This nursery was seeded on 15 May, 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 conditions caused shallow seed placement that reduced some establishment.

3. Yields ranged from 2260 pounds/acre to 2860 pounds/acre. Yield values within the LSD range of the highest yield are shown in bold and 4 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 averaging 22.5 grams/100 seed and ranged from 18.2 to 27.5 grams/100 seed. The average plant height was 24 inches and the plant erect index (0-1.0) averaged 0.91.