

2011 WSU Variety Testing Peas Trial, Palouse

2011

Variety Name	Type	Yield (Lbs/A)	100 Seed Weight (Grams)	Plant Height (In)	Canopy Height (In)	Erect Index
PS03101822	Yellow	3490	23.7	21	22	1.00
Banner	Green	3180	18.8	27	20	0.80
Universal	Yellow	3100	22.0	25	26	1.00
PS06101119	Yellow	3050	23.1	23	17	0.80
Carousel	Yellow	3050	24.3	28	28	1.00
Pro 081-7116	Green	2980	22.6	25	25	1.00
Pro 822	Yellow	2950	24.7	25	23	0.90
PS07100470	Green	2850	22.0	24	23	1.00
PS05100736	Green	2850	21.9	23	22	1.00
PS04100710	Yellow	2840	24.6	21	20	1.00
PS07100471	Green	2830	21.6	27	26	1.00
NDP080111	Green	2800	19.9	32	33	1.00
PS05100840	Green	2800	21.6	26	25	1.00
Monarch	Green	2760	20.5	18	17	1.00
Pacifica	Green	2750	22.3	25	23	0.90
PS03101445	Green	2510	21.7	21	23	1.00
Stirling	Green	2490	19.8	21	21	1.00
PS05100632	Green	2490	19.7	24	23	1.00
Pro 091-7137	Green	2420	22.5	25	24	1.00
PRL 415	Yellow	2420	22.5	28	20	0.70
Prodigy	Green	2420	18.5	23	23	1.00
PS02101137	Yellow	2400	24.0	25	26	1.00
Aragorn	Green	2400	22.0	24	24	1.00
Ariel	Green	2350	19.3	24	24	1.00
Joel	Green	2200	20.2	32	7	0.30
Solstice	Yellow	2180	25.4	25	24	1.00
PS05ND0232	Green	2160	23.0	26	20	0.80
Cruiser	Green	2150	21.9	25	24	1.00
Pro 081-7155	Green	2150	20.5	25	25	1.00
Columbian	Green	2000	18.1	31	8	0.30
CV		14	4.2	11	16	13.50
LSD		380	1.0	3	4	0.10
Average		2630	21.8	25	22	0.90
Highest		3490	25.4	32	33	1.00
Lowest		1990	18.1	18	8	0.20

Palouse Spring Dry Pea – Preliminary Data

1. Seed yield in the Palouse spring dry pea variety trial averaged 2630 pounds/acre. The Palouse nursery was located about five miles south of Palouse, WA (Chris Fleener, cooperator).
2. This nursery was seeded on 11 May, 2011. Seed was placed at an 8 seed/sq.ft. rate (approximately 150 lb/acre for average seed weight) using a double-disc drill set on 6-inch spacing. Although seeding was later than normal, plants established and grew well due to favorable weather. Weeds, insects, and diseases were not a factor in this trial.
3. Yields ranged from 1990 pounds/acre to 3490 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. Banner was the highest yielding green named variety and Universal was the highest yielding named yellow variety in this trial.
4. Seed weights were good and averaged 21.8 grams/100 seed and ranged from 18.1 to 25.1 grams/100 seed. The average plant height was 25 inches and the plant erect index (0-1.0) averaged 0.90.