

2011 WSU Variety Testing Peas Trial, Farmington

2011

Variety Name	Type	Yield (Lbs/A)	100 Seed Weight (Grams)	Plant Height (In)	Canopy Height (In)	Erect Index
Pro 822	Yellow	3460	25.2	37	30	0.80
PS03101445	Green	3390	22.3	31	21	0.70
PS03101822	Yellow	3350	24.7	30	25	0.90
Universal	Yellow	3310	23.2	36	35	1.00
Carousel	Yellow	3270	24.6	37	32	0.90
Solstice	Yellow	3150	26.8	32	31	1.00
Monarch	Green	3140	19.5	26	23	0.90
PS05ND0232	Green	3120	23.7	37	27	0.70
Pro 091-7137	Green	3100	22.0	31	27	0.90
PS05100632	Green	3090	21.5	35	35	1.00
PS07100470	Green	3090	22.0	35	26	0.70
PS07100471	Green	3080	21.5	33	24	0.70
PS06101119	Yellow	3050	24.4	31	19	0.60
Pacifica	Green	3040	23.3	37	18	0.50
PS05100840	Green	3020	21.4	30	28	0.90
Pro 081-7116	Green	3010	22.6	32	30	0.90
PS05100736	Green	2970	20.6	31	18	0.60
Banner	Green	2950	20.0	31	25	0.80
Stirling	Green	2950	21.0	29	14	0.50
Ariel	Green	2890	19.4	37	29	0.80
PRL 415	Yellow	2890	22.7	37	25	0.70
PS04100710	Yellow	2870	24.9	32	17	0.60
PS02101137	Yellow	2870	24.7	34	29	0.90
NDP080111	Green	2740	19.3	37	26	0.70
Pro 081-7155	Green	2730	19.5	33	32	0.90
Prodigy	Green	2690	18.8	29	17	0.60
Columbian	Green	2650	18.6	42	13	0.30
Aragorn	Green	2610	22.0	32	28	0.90
Cruiser	Green	2600	21.6	34	32	0.90
Joel	Green	2360	22.0	47	14	0.30
CV		7	3.0	11	20	21.60
LSD		230	0.7	4	5	0.20
Average		2980	22.1	34	25	0.80
Highest		3460	26.8	47	35	1.00
Lowest		2360	18.6	26	13	0.30

Farmington Spring Pea – Preliminary Data

1. Seed yield in the Farmington spring pea variety trial averaged 2980 pounds/acre. The Farmington nursery was located about one mile south of Farmington, WA (Bruce Nelson, cooperator).
2. This nursery was seeded on 25 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 2360 pounds/acre to 3460 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. Monarch 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 22.1 grams/100 seed and ranged from 18.6 to 26.8 grams/100 seed. The average plant height was 34 inches and the plant erect index (0-1.0) averaged 0.80.