

2013 WSU Variety Testing Pea Trial Summary, Farmington

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
PS07ND0190	Green		2470	2730	20.8	38	38	1.00
Banner	Green	2640	2480	2700	19.2	26	26	1.00
Universal	Yellow	2620	2280	2670	20.9	28	29	1.00
Pro 091-7137	Green	2710	2520	2610	19.4	28	28	1.00
PS08101022	Yellow			2580	23.6	25	25	1.00
PS07100471	Green	2760	2610	2570	19.9	25	25	1.00
Pro 083-7402	Yellow			2560	22.0	29	29	1.00
Pro 081-7161	Green			2510	18.7	27	27	1.00
PS07100925	Yellow		2300	2500	25.3	27	28	1.00
Carousel	Yellow	2650	2340	2500	23.7	29	29	1.00
Pro 822	Yellow	2640	2230	2500	23.9	28	28	1.00
PS08100133	Green			2480	20.7	28	28	1.00
PS03101445	Green	2810	2520	2450	20.1	27	24	0.83
Pro 793	Yellow		2250	2420	27.1	30	30	1.00
PS08100582	Green			2410	20.3	27	26	1.00
PS05100736	Green	2590	2390	2390	19.1	27	27	1.00
PS08101004	Yellow		2340	2320	21.6	27	22	0.86
Ariel	Green	2470	2260	2320	18.4	27	27	1.00
PS07100470	Green	2630	2410	2310	19.1	27	28	1.00
NDP080111	Green	2330	2130	2240	18.8	35	34	1.00
Aragorn	Green	2300	2150	2190	20.2	25	26	1.00
PS05100840	Green	2470	2200	2160	19.6	26	25	1.00
Greenwood (Pro 7040)	Green		2250	2020	19.5	24	22	0.91
Columbian	Green	1940	1590	1640	16.2	41	12	0.29
C.V. %		9	9	11	4.0	6	11	9.01
LSD (.10)		130	160	280	0.9	2	3	0.09
Average		2540	2300	2410	20.8	28	27	0.95
Highest		2810	2610	2730	27.1	41	38	1.00
Lowest		1940	1590	1640	16.2	24	12	0.29

2013 WSU Farmington Spring Dry Pea - Preliminary Data

1. Seed yield in 2013 the Farmington spring dry pea variety trial averaged 2410 pounds/acre, 130 pounds/acre lower than the 3-year average yield. The Farmington nursery was located about four miles southwest of Farmington, WA (B. Nelson, cooperator).
2. This nursery was seeded on 2 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 1640 pounds/acre to 2730 pounds/acre. Yield values within the LSD range of the highest yield are shown in bold and 13 of the 24 entries are in this group. 'Banner' was the highest yielding green variety and 'Universal' was the highest yielding named yellow variety in this trial.
4. Seed weights averaged 20.8 grams/100 seed and ranged from 16.2 to 27.1 grams/100 seed. The average plant height was 28 inches and plants varied for erectness with the most upright value of 1.0 and the least erect was 'Columbian' with a 0.29 value.