

2014 WSU Variety Testing Pea Trial Summary, Farmington

Variety Name	Type	2014							
		4 Year Average (Lbs/A)	3 Year Average (Lbs/A)	2 Year Average (Lbs/A)	Yield (Lbs/A)	100 Seed Weight (Grams)	Plant Height (In)	Canopy Height (In)	Erect Index
Carousel	Yellow	2520	2270	2310	2130	23.4	26	22	0.84
Pro 083-7402	Yellow			2190	1830	22.3	26	18	0.72
PS08100582	Green			2080	1760	21.6	25	17	0.69
PS03101445	Green	2540	2260	2100	1740	20.8	24	17	0.72
PS07100470	Green	2400	2180	2010	1710	20.9	26	17	0.66
Ginny (Pro 091-7137)	Green				1710	20.5	24	18	0.77
Pro 793	Yellow		2070	2050	1690	25.8	25	18	0.70
Pro 822	Yellow	2380	2030	2060	1620	23.9	23	18	0.81
Universal	Yellow	2370	2050	2140	1610	20.8	28	23	0.83
PS08100133	Green			2040	1600	22.1	23	17	0.72
PS07ND0190	Green		2180	2160	1600	20.9	29	20	0.70
Ariel	Green	2250	2040	1950	1590	17.2	24	19	0.77
PS08101022	Yellow			2070	1560	23.2	22	15	0.69
NDP080111	Green	2130	1930	1890	1540	19.9	30	24	0.80
PS05100840	Green	2220	1960	1820	1480	22.4	22	17	0.78
PS05100120	Green				1470	20.3	23	12	0.50
PS08101004	Yellow		2040	1880	1440	22.5	25	14	0.57
Greenwood (Pro 7040)	Green		1970	1720	1410	19.2	25	20	0.79
Aragorn	Green	2070	1880	1780	1360	19.2	23	18	0.78
PS05100736 (Hampton)	Green				1340	21.9	20	17	0.87
Banner	Green	2310	2100	2010	1320	19.3	25	15	0.59
PS07100471	Green	2400	2170	1940	1310	19.2	22	15	0.70
PS07100925	Yellow		1950	1880	1250	24.9	20	18	0.89
Columbian	Green	1710	1400	1330	1030	21.0	26	12	0.48
C.V. %		10	11	13	16	3.3	8	13	13.20
LSD (.10)		120	140	190	270	0.8	2	3	0.10
Average		2280	2030	1970	1550	21.4	24	18	0.72
Highest		2540	2270	2310	2130	25.8	30	24	0.89
Lowest		1710	1400	1330	1030	17.2	20	12	0.48

2014 WSU Farmington Spring Dry Pea – Preliminary Data

1. Seed yield in the 2014 Farmington spring dry pea variety trial averaged 1550 pounds/acre, well below the 2280 pounds/acre four-year average at this location. The Farmington nursery was located about four miles south of Farmington, WA (Bruce Nelson, cooperator).
2. This nursery was seeded on 2 May, 2014. Seed was placed at an eight seed/sq.ft. rate (approximately 150 lb/acre for average seed weight) using a double-disk plot drill set on 7-inch spacing. Seeding was timely and establishment was good.
3. Yields ranged from 1030 pounds/acre to 2130 pounds/acre. Yield values within the LSD range of the highest yield are shown in bold and one of the 24 entries are in this group. The yellow pea 'Carousel' was the highest yielding variety in this trial. Color type is listed after variety name.
4. Seed weights averaged 21.4 grams/100 seed and ranged widely, from 17.2 to 25.8 grams/100 seed. The average plant height was 24 inches, and the crop was blown over in a severe thunderstorm creating an average erectness index of 0.72.