

## 2014 WSU Variety Testing Pea Trial Summary, Dusty

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
Universal	Yellow	2010	1930	1690	<b>710</b>	19.9	15	12	0.81
Banner	Green	2010	1920	1680	<b>670</b>	19.0	15	10	0.64
Ariel	Green	1790	1660	1290	<b>660</b>	17.1	15	10	0.69
Pro 083-7402	Yellow			1130	<b>620</b>	22.5	16	12	0.73
Aragorn	Green	1780	1680	1290	<b>610</b>	19.1	14	10	0.70
Ginny (Pro 091-7137)	Green				<b>560</b>	19.8	15	9	0.63
Pro 822	Yellow	1930	1820	1420	500	23.3	15	8	0.57
Greenwood (Pro 7040)	Green		1920	1490	490	18.4	14	8	0.57
PS07100470	Green	1920	1870	1540	470	19.1	15	11	0.70
PS08101004	Yellow		1840	1550	470	21.7	13	6	0.50
Pro 793	Yellow		1760	1450	450	<b>24.5</b>	15	9	0.57
PS07ND0190	Green		1690	1390	440	19.2	18	10	0.55
PS08101022	Yellow			1090	420	21.5	14	8	0.59
PS05100120	Green				410	18.4	16	9	0.55
NDP080111	Green	1870	1670	1460	370	17.6	16	8	0.51
PS07100471	Green	1750	1480	970	360	19.3	12	9	0.68
PS08100133	Green			1140	310	21.3	15	9	0.61
Carousel	Yellow	1660	1540	1220	300	21.7	16	10	0.65
PS05100736 (Hampton)	Green				270	21.7	14	9	0.68
Columbian	Green	1100	1030	730	270	20.7	17	8	0.48
PS08100582	Green			1030	260	19.8	14	10	0.69
PS03101445	Green	1650	1450	1010	260	19.3	13	10	0.73
PS05100840	Green	1810	1590	1320	120	20.7	12	7	0.60
PS07100925	Yellow		1530	960	110	22.0	12	5	0.37
C.V. %		13	13	13	41	2.4	9	20	19.50
LSD (.10)		110	120	120	190	0.5	1	2	0.13
Average		1770	1670	1280	420	20.3	15	9	0.62
Highest		2010	1930	1690	710	24.5	18	12	0.81
Lowest		1100	1030	730	110	17.1	12	5	0.37

### 2014 WSU Dusty Spring Dry Pea – Preliminary Data

1. Seed yield in the 2014 Dusty spring dry pea variety trial averaged 420 pounds/acre, vastly below the 1770 pounds/acre four-year average at this location. The Dusty nursery was located about six miles west of Dusty, WA (Steve Camp, cooperator).
2. This nursery was seeded on 1 April, 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 later than desired but establishment was good. Much lower rainfall in the spring and some animal feeding greatly reduced yields compared to the previous three years at this location.
3. Yields ranged from 110 pounds/acre to 710 pounds/acre. Yield values within the LSD range of the highest yield are shown in bold and six of the 24 entries are in this group. The yellow pea 'Universal' was the highest yielding variety in this trial. Color type is listed after variety name. The results from this trial are not very reliable with a high CV and variable conditions.
4. Seed weights averaged 20.3 grams/100 seed and ranged widely, from 17.1 to 24.5 grams/100 seed. The average plant height was only 15 inches reflecting the dry conditions, with an average erectness index of 0.62.