

2013 WSU SPRING PEA TRIAL SUMMARY and 3-YEAR SUMMARY

VARIETY NAME	DUSTY	FARMINGTON	PALOUSE	2013 AVERAGE	2011-2013 AVERAGE, 11 locyrs	DUSTY	FARMINGTON	PALOUSE	2013 AVERAGE	2011-2013 AVERAGE, 11 locyrs
	YIELD (LBS/A)					100 SEED WEIGHT (g)				
Green pea										
Banner	2690	2700	2850	2750	2570	20.3	19.2	18.7	19.4	19.6
PS07ND0190	2350	2730	3090	2720		18.4	20.8	21.0	20.1	
PS07100470	2600	2310	2950	2620	2540	18.0	19.1	20.1	19.1	20.9
NDP080111	2550	2240	3030	2610	2410	17.2	18.8	18.3	18.1	18.4
PS05100840	2530	2160	2990	2560	2500	19.4	19.6	20.7	19.9	20.0
Pro 081-7161	1850	2510	3290	2550		20.0	18.7	18.6	19.1	
PS08100133	1980	2480	3130	2530		21.2	20.7	20.6	20.8	
Greenwood (Pro 7040)	2490	2020	2960	2490		18.5	19.5	19.2	19.1	
Aragorn	1970	2190	3250	2470	2340	18.5	20.2	21.0	19.9	20.3
PS08100582	1800	2410	3150	2450		20.2	20.3	21.4	20.6	
Pro 091-7137	1690	2610	3020	2440	2430	18.2	19.4	20.0	19.2	20.0
Ariel	1930	2320	3050	2430	2380	17.7	18.4	18.9	18.4	18.1
PS03101445	1770	2450	3000	2410	2510	17.9	20.1	20.7	19.6	20.5
PS07100471	1590	2570	2930	2360	2570	16.1	19.9	19.6	18.5	20.1
PS05100736	1530	2390	2850	2260	2510	18.4	19.1	20.4	19.3	20.4
Columbian	1190	1640	1980	1600	1760	22.6	16.2	19.9	19.6	18.3
Yellow pea										
Universal	2660	2670	3600	2980	2630	20.6	20.9	21.9	21.1	21.6
Pro 822	2330	2500	3550	2790	2620	25.9	23.9	24.5	24.8	24.5
Pro 793	2460	2420	3450	2770		26.1	27.1	27.1	26.8	
PS08101004	2630	2320	3270	2740		22.4	21.6	23.3	22.5	
PS08101022	1760	2580	3630	2650		24.6	23.6	24.0	24.1	
Carousel	2140	2500	3310	2650	2540	20.9	23.7	24.7	23.1	23.0
PS07100925	1800	2500	3400	2570		23.1	25.3	26.1	24.8	
Pro 083-7402	1630	2560	3270	2490		20.5	22.0	21.8	21.5	
C.V. (%)	6	11	10	10	9	3.9	4.0	2.6	3.6	3.8
LSD (0.10)	140	280	320	150	70	0.8	0.9	0.6	0.5	0.3
Average	2080	2410	3130	2540	2450	20.3	20.8	21.4	20.8	20.4
Highest	2690	2730	3630	2980	2630	26.1	27.1	27.1	26.8	24.5
Lowest	1190	1640	1980	1600	1760	16.1	16.2	18.3	18.1	18.1

2013 WSU Spring Pea Variety Trial Summary and 3-Year Summary – Preliminary Data

1. Pea seed yield across four 2013 locations and 24 entries in Eastern Washington averaged 2540 pounds/acre and was 210 pounds/acre more than the 2012 average yield. Yields in 2013 ranged from 2080 to 3130 pounds/acre among three locations across entries. The fourth planted site at Walla Walla was not harvested due to severe disease infestations.
2. Yields among entries averaged across 2013 locations ranged from 1600 to 2980 pounds/acre. Average yield values within the 10% LSD range (150 pounds/acre) of the highest yield are shown in bold and this included 1 of the 24 entries.
3. Seed weight averaged 20.8 grams/100 seed across 2013 locations and entries, 0.5 grams/100 seed lower than the 2012 seed weight average, and ranged from 18.1 to 26.8 grams/100 seed among entries.