

2012 WSU SPRING PEA TRIAL SUMMARY and 2-YEAR SUMMARY

VARIETY NAME	DUSTY	FARMINGTON	PALOUSE	WALLA WALLA	2012 AVERAGE	2011-2012 AVERAGE, 8 loc/yr	DUSTY	FARMINGTON	PALOUSE	WALLA WALLA	2012 AVERAGE	2011-2012 AVERAGE, 8 loc/yr
	YIELD (LBS/A)						100 SEED WEIGHT (g)					
Green pea												
PS07100471	2490	2640	2660	2420	2550	2650	20.9	22.1	21.9	16.2	20.3	20.7
PS05100736	2940	2400	2760	1980	2520	2600	21.0	22.9	22.6	17.8	21.0	20.9
Pro 7040	2760	2480	2650	2190	2520		20.1	20.4	20.1	17.1	19.4	
PS07100470	2540	2510	2500	2230	2440	2510	22.4	23.4	22.9	18.6	21.8	21.6
Pro 091-7137	2510	2430	2620	2160	2430	2430	20.2	23.2	21.0	18.1	20.0	20.3
PS03101445	2310	2580	2620	2180	2420	2540	21.0	21.8	21.3	18.1	20.6	20.8
PS05100735	2510	2520	2570	2000	2400		20.7	22.9	22.5	17.4	20.9	
Pacifica	2620	2190	2820	1780	2350	2470	21.5	23.5	23.5	15.8	21.1	21.4
Banner	2390	2270	2410	2220	2320	2510	20.0	22.1	20.4	18.4	20.3	19.7
Ariel	2400	2200	2390	2170	2290	2360	18.2	19.4	18.5	15.1	17.8	18.0
PS05100840	2130	2240	2600	2180	2290	2480	18.9	21.0	21.5	16.4	19.4	20.0
Aragorn	2450	2100	2400	2080	2260	2290	20.4	22.9	21.0	16.6	20.7	20.4
PS07ND0190	2290	2210	2470	1460	2110		18.2	20.7	22.3	15.0	19.0	
NDP080111	2090	2020	2630	1650	2100	2340	16.3	19.5	20.2	13.9	17.5	18.5
Pro 081-7116	1880	1950	2530	1880	2060	2250	22.5	24.1	22.3	19.5	22.1	21.8
Columbian	1630	1550	2260	1720	1790	1820	18.6	19.0	18.2	16.2	18.0	17.8
Yellow pea												
PS08101004	2430	2360	2870	2290	2490		23.4	23.8	24.2	18.8	22.6	
PS03101822	2510	2510	2690	2160	2470	2680	24.9	24.6	25.1	20.6	23.8	23.3
PS07100925	2660	2090	2670	2230	2410		24.9	23.7	25.2	20.4	23.5	
Pro 793	2360	2090	2840	2330	2410		26.8	29.1	27.5	22.6	26.5	
PS08101108	2210	2300	2590	2460	2390		25.1	25.2	25.6	23.0	24.7	
Pro 822	2640	1960	2620	2250	2370	2550	25.6	27.0	25.4	22.3	25.2	24.4
Universal	2430	1880	2540	2340	2300	2500	22.4	24.6	22.6	19.2	22.2	21.7
Carousel	2190	2170	2520	2210	2270	2490	22.7	23.3	24.9	19.4	22.6	23.0
C.V. (%)	11	6	5	7	8	9	2.8	3.6	2.1	6.7	3.9	3.9
LSD (0.10)	280	150	130	150	90	81	0.7	0.9	0.5	1.3	0.4	0.3
Average	2390	2240	2590	2110	2330	2440	21.5	22.8	22.5	18.3	21.3	20.8
Highest	2940	2640	2860	2460	2550	2680	26.8	29.0	27.5	23.0	26.5	24.4
Lowest	1630	1550	2260	1460	1790	1820	16.3	18.9	18.2	13.9	17.5	17.8

2012 WSU Spring Pea Variety Trial Summary and 2-Year Summary – Preliminary Data

1. Pea seed yield across four 2012 locations and 24 entries in Eastern Washington averaged 2330 pounds/acre and was 140 pounds/acre less than the 2011 average yield. Yields in 2012 ranged from 2110 to 2590 pounds/acre among four locations across entries.
2. Yields among entries averaged across 2012 locations ranged from 1820 to 2680 pounds/acre. Average yield values within the 10% LSD range (90 pounds/acre) of the highest yield are shown in bold and this included 3 of the 24 entries.
3. Seed weight averaged 21.3 grams/100 seed across 2012 locations and entries, slightly higher than the 2011 seed weight average, and ranged from 17.5 to 26.5 grams/100 seed among entries.