

2012 WSU CHICKPEA 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)					
CDC Frontier	1800	2430	2690	2030	2230	2570	33.5	35.9	38.9	30.2	34.6	37.4
Billy beans	1910	2280	2630	1850	2170		27.5	30.0	30.5	26.7	28.7	
CA0690B0250C	1800	2230	2590	1690	2080	2300	47.5	49.3	53.7	45.0	50.6	51.4
CA0790B0043C	1430	2300	2790	1800	2080		47.5	51.7	56.7	46.6	48.9	
CDC Orion	1580	2340	2650	1700	2070	2480	41.0	42.2	45.9	38.4	41.9	44.5
CA04900843C	1680	2450	2560	1560	2060	2330	57.1	58.7	60.9	51.9	57.2	59.5
CA0390B007C	1490	2410	2720	1550	2040	2270	45.2	49.1	52.4	44.9	47.9	49.7
CA04900421C	1680	2250	2420	1630	1990	2340	43.4	47.2	50.9	41.4	45.7	48.1
Sawyer	1480	2330	2320	1700	1950	2280	38.8	41.6	44.4	37.8	40.6	42.9
Sierra	1430	2370	2260	1450	1880	2120	50.0	50.6	52.8	46.0	49.8	51.3
CDC Alma	1610	2200	2200	1410	1860	2190	32.7	36.6	37.5	30.9	34.4	37.0
Dwelley	1190	2040	2210	1300	1680	1810	43.9	51.7	53.2	47.3	49.0	50.4
Evans	1120	1770	2030	1220	1540		37.9	45.3	46.7	38.2	42.0	
C.V. (%)	15	11	7	9	10	11	4.2	3.3	1.9	5.8	3.9	4.5
LSD (.10)	250	270	180	160	110	90	1.9	1.6	1.0	2.5	0.9	0.8
Average	1550	2260	2470	1610	1970	2270	42.0	45.4	48.1	40.4	43.9	47.2
Highest	1910	2450	2790	2030	2230	2570	57.1	58.7	60.9	51.9	57.2	59.5
Lowest	1120	1770	2030	1220	1540	1810	27.5	30.0	30.5	26.7	28.7	37.0

2012 WSU Chickpea Variety Trial Summary and 2-Year Summary - *Preliminary Data*

1. Chickpea seed yield across four 2012 locations and 13 entries in Eastern Washington averaged 1970 pounds/acre and was 560 pounds/acre less than the 2011 average yield. Yields in 2012 ranged from 1550 to 2470 pounds/acre among four locations across entries.

2. Yields among entries averaged across 2012 locations ranged from 1540 to 2320 pounds/acre. 'CDC Frontier' was the highest yielding named entry averaged across locations and was also highest for the 2-year average. 2012 average yield values within the 10% LSD range (110 pounds/acre) of the highest yield are shown in bold and this included 2 of the 13 entries.

3. Seed weight averaged 47.2 grams/100 seed across locations and entries, compared to 2011 average of 49.7 grams/100 seed, and ranged from 37.0 to 59.5 grams/100 seed among entries.