

2014 WSU CHICKPEA TRIAL SUMMARY, 2-YEAR and 4-YEAR SUMMARY

VARIETY NAME	PALOUSE	WALLA WALLA	YIELD (LBS/A)			100 SEED WEIGHT (g)				
			2014 AVERAGE	2013-2014 AVERAGE, 6 locyrs	2011-2014 AVERAGE, 14 locyrs	PALOUSE	WALLA WALLA	2014 AVERAGE	2013-2014 AVERAGE, 6 locyrs	2011-2014 AVERAGE, 14 locyrs
CDC Frontier	2700	1870	2290	1980	2320	40.2	30.5	35.4	35.6	36.6
CDC Orion	2660	1780	2220	2040	2290	49.6	39.1	44.4	43.1	43.9
CA0790B0043C	2360	2070	2220	1850		57.0	45.5	51.3	49.7	
Billy beans	2410	1890	2150	1990		34.0	26.5	30.2	30.4	
CA0490B0223D	2670	1600	2140	1990		31.1	25.0	28.1	27.9	
CA0790B0042C	2520	1770	2140			49.9	41.9	45.9		
CA0890B0733C	2430	1790	2110			52.5	41.4	46.9		
CA0790B0034C	2420	1750	2090	1800		59.0	45.4	52.2	50.2	
CA0790B0054C	2290	1830	2060	1800		56.5	45.7	51.1	50.8	
BGC08009M	2520	1520	2020	1920		40.7	32.5	36.6	36.5	
Sawyer	2390	1560	1980	1820	2080	49.5	36.7	43.1	42.5	42.7
Myles	2240	1650	1950	1780		19.9	16.4	18.2	18.6	
Nash (CA04900843C)	2250	1580	1910	1740	2080	65.4	49.7	57.5	56.6	58.3
CDC Alma	2590	1230	1910	1620	1950	44.1	30.5	37.3	35.0	36.2
BGC090023	2130	1450	1790	1930		50.5	40.1	45.3	43.4	
Royal (CA04900851C)	1720	1320	1520			59.4	45.5	52.5		
Evans	1550	1340	1450	1490		48.7	39.4	44.1	43.9	
Sierra	1590	1220	1410	1470	1840	55.0	41.6	48.3	46.8	49.4
CA0890B0526D	1350	980	1170	1350		32.7	25.1	28.9	28.7	
Dwellely	1100	1210	1160	1200	1550	53.6	42.9	48.2	47.0	48.9
C.V. (%)	9	9	9	9	11	2.0	2.5	2.2	3.5	4.3
LSD (0.10)	220	160	130	70	60	1.0	1.0	0.7	0.6	0.5
Average	2200	1570	1880	1730	2010	47.5	37.1	42.3	40.4	45.1
Highest	2700	2070	2290	2040	2320	65.4	49.7	57.5	56.6	58.3
Lowest	1100	980	1160	1200	1550	19.9	16.4	18.2	18.6	36.2

2014 WSU Chickpea Variety Trial Summary, 2-Year and 4-Year Summary—Preliminary Data

1. Chickpea seed yield across two 2014 locations and 20 entries in Eastern Washington averaged 1880 pounds/acre and was 160 pounds/acre less than the 2013 average yield. The Dusty and Farmington locations were lost due to deer damage.
2. Yields among entries averaged across 2014 locations ranged from 1160 to 2290 pounds/acre. 'CDC Frontier' was the highest yielding named entry averaged across locations and was also similar to 'CDC Orion' for the 2-year and 4-year average. 2014 average yield values within the 10% LSD range (130 pounds/acre) of the highest yield are shown in bold and this included 3 of the 20 entries.
3. Seed weight averaged 42.3 grams/100 seed across locations and entries, compared to the 2013 average of 40.5 grams/100 seed, and ranged from 18.2 to 57.5 grams/100 seed among entries.