

2014 WSU Variety Testing Chickpea Trial Summary, Palouse

Variety Name	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)
CDC Frontier	2850	2750	2780	2700	40.2	18
CA0490B0223D			2740	2670	31.1	16
CDC Orion	2960	2820	2900	2660	49.6	18
CDC Alma	2490	2380	2480	2590	44.1	15
BGC08009M			2670	2520	40.7	19
CA0790B0042C				2520	49.9	21
CA0890B0733C				2430	52.5	18
CA0790B0034C			2580	2420	59.0	20
Billy beans		2610	2600	2410	34.0	20
Sawyer	2620	2530	2640	2390	49.5	18
CA0790B0043C		2600	2500	2360	57.0	21
CA0790B0054C			2510	2290	56.5	21
Nash (CA04900843C)	2550	2530	2510	2250	65.4	20
Myles			2460	2240	19.9	17
BGC090023			2260	2130	50.5	21
Royal (CA04900851C)				1720	59.4	21
Sierra	2250	2060	1960	1590	55.0	18
Evans		2010	2010	1550	48.7	20
CA0890B0526D			1800	1350	32.7	18
Dwellely	1930	1800	1600	1100	53.6	19
C.V. %	8	8	8	9	2.0	7
LSD (.10)	100	110	140	220	1.0	1
Average	2520	2410	2410	2200	47.5	19
Highest	2960	2820	2900	2700	65.4	21
Lowest	1930	1800	1600	1100	19.9	15

WSU Palouse Chickpea – Preliminary Data

1. Seed yield in the 2014 Palouse Chickpea variety trial averaged 2200 pounds/acre, 390 pounds/acre less than the 2013 average yield at this location. The Palouse nursery was located about six miles south of Palouse, WA (Chris and Frank Fleener, cooperators).
2. This nursery was seeded on 19 April, 2014. Seed was placed at a 5 seed/sq.ft. rate (approximately 240 lb/acre for average seed weight) using a double-disk drill set on 7-inch spacing. Seeding was normal, and plants established and grew well.
3. Yields ranged from 1100 pounds/acre to 2700 pounds/acre. Yield values within the LSD range of the highest yield are shown in bold and 6 of the 20 entries are in this group. 'CDC Frontier' was the highest yielding named variety in this trial and 'CDC Orion' was highest in the 3-year average.
4. Seed weights were higher than last year averaging 47.5 grams/100 seed and ranged from 19.9 to 65.4 grams/100 seed. The average plant height was 19 inches.