

## 2015 WSU Variety Testing Chickpea Trial Summary, Palouse

Variety Name	2015					
	5 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	2700	2550	2400	<b>2090</b>	37.6	16
CA0790B0547C				<b>2060</b>	53.7	15
CA0490B0223D		2500	2350	<b>2030</b>	28.4	14
CA0790B0733C				1870	49.2	17
CA0890B0429C				1840	56.5	16
CA0790B0642C				1810	55.8	15
Billy beans		2330	2100	1780	31.9	16
CDC Orion	2720	2530	2220	1780	44.8	15
CDC Leader				1760	41.7	14
CA0790B0054C		2260	2020	1750	55.2	18
Royal (CA04900851C)			1730	1750	57.7	16
CA0790B0043C		2230	2030	1690	52.6	18
Sierra	2140	1870	1640	1690	52.1	16
CA0890B0531C				1660	52.7	15
CA0890B0551C				1650	54.9	14
Sawyer	2420	2300	2010	1630	46.2	15
CA0890B0526D		1740	1480	1610	31.7	16
Myles		2170	1920	1600	18.5	15
Nash (CA04900843C)	2350	2200	1910	1570	<b>60.8</b>	16
Dwelley	1840	1560	1300	1490	51.8	16
C.V. %	8	8	9	8	2.1	4
LSD (.10)	80	110	130	150	1.1	1
Average	2360	2190	1930	1760	46.7	16
Highest	2720	2550	2400	2090	60.8	18
Lowest	1840	1560	1300	1490	18.5	14

### 2015 WSU Palouse Spring Chickpea

1. Seed yields in the 2015 Palouse spring chickpea trail averaged 1760 pounds/acre, 600 pounds/acre less than the 5-year average at this location. The Palouse nursery was located about eight miles south of Palouse, WA (Chris and Frank Fleener, cooperators).
2. This nursery was seeded on 23 April, 2015. Seed was delivered at a five seed/sq.ft. rate (about 200 lbs/acre for average seed size) using a double-disc drill set on 7-inch spacing. Seeding was timely and the crop established well. Warm and dry conditions prevailed across the growing season and limited yield potential.
3. Yields ranged from 1490 to 2090 pounds/acre. There was low variability in the trial and a relatively narrow LSD shows three entries in the bolded top group. The variety 'CDC Frontier' was the highest yielded named entry.
4. Seed weights averaged 46.7 grams/100 seed and is slightly lower than last year's average seed weight. Plants averaged only 16 inches and were 6 inches shorter in 2015 than in 2014.