

2015 WSU Variety Testing Chickpea Trial Summary, Walla Walla

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	2410	2190	2450	3030	35.5	16
Billy beans		2090	2240	2590	31.1	19
CA0790B0547C				2480	50.1	15
CA0790B0043C		1980	2190	2310	52.3	19
CA0790B0054C		1870	2060	2300	54.1	17
CA0790B0733C				2300	46.7	15
Myles		1800	1880	2110	19.0	15
CDC Leader				2080	40.0	14
CA0890B0429C				1990	54.6	16
Royal (CA04900851C)			1610	1900	48.3	16
Sierra	1670	1430	1560	1890	47.3	16
Sawyer	1850	1580	1690	1820	43.5	16
CA0790B0642C				1710	52.7	13
CA0890B0531C				1620	50.1	15
CA0490B0223D		1600	1580	1560	29.2	13
Nash (CA04900843C)	1800	1470	1560	1550	57.3	16
CA0890B0551C				1540	49.8	14
Dwelley	1420	1190	1320	1430	46.1	17
CA0890B0526D		1180	1200	1420	27.4	14
CDC Orion	1820	1460	1530	1280	45.7	14
C.V. %	11	8	7	6	2.8	6
LSD (.10)	100	80	100	130	1.3	1
Average	1830	1650	1760	1950	44.0	16
Highest	2410	2190	2450	3030	57.3	19
Lowest	1420	1180	1200	1280	19.0	13

2015 WSU Walla Walla Spring Chickpea

1. Seed yield in the 2015 Walla Walla spring chickpea variety trial averaged 1950 pounds/acre, 80 pounds/acre more than the 5-year average at this location. The Walla Walla nursery was located about two miles east of Walla Walla, WA (Dwelley Jones, cooperator).
2. This nursery was seeded on 27 March, 2015. Seed was delivered at a five seeds/sq.ft rate (about 200 lb/acre for average seed size) using a double-disc drill set on 7-inch spacing. Seeding was timely and the crop established well. Although the overall growing season was warm and dry, a late season irrigation during grain filling of about 1 inch of water boosted yields and seed weights.
3. Yields ranged from 1280 to 3030 pounds/acre. There was low variability in the trial and a relatively narrow LSD shows one variety in the bolded top group. The variety 'CDC Frontier' was the highest yielding entry.
4. Seed weights averaged 44.0 grams/100 seed and is 3.5 grams/100 seed lower than last year. Plants averaged 16 inches, 3 inches shorter than in 2014.