2015 WSU Variety Testing Chickpea Trial Summary, Farmington

Variety Name	4 Year Average (lbs/a)^	3 Year Average (lbs/a)+	2 Year Average (lbs/a)*	2015		
				Yield (lbs/a)	100 Seed Weight (grams)	Plant Height (in)
Billy beans		1930	1760	**1720**	29.1	19
CA0490B0223D			1710	**1660**	26.1	14
CDC Orion	2100	1930	1720	**1580**	43.6	15
CDC Frontier	2080	1950	1710	**1560**	35.6	15
CA0890B0526D			1520	**1550**	29.9	17
CDC Leader				1450	39.4	15
CA0790B0054C			1450	1400	50.4	19
Myles			1490	1340	16.9	14
CA0790B0547C				1300	49.6	17
Sawyer	1920	1760	1480	1280	42.7	17
CA0890B0531C				1180	49.1	14
CA0890B0429C			1180	1130	52.2	16
Nash (CA04900843C)	1870	1720	1350	1110	**55.5**	16
CA0790B0642C				1110	52.1	14
CA0790B0043C		1620	1280	1070	48.6	18
CA0790B0733C				980	47.8	16
CA0890B0551C				840	49.7	14
Royal (CA04900851C)				600	**54.0**	20
Dwelley	1320	1330	980	560	45.9	16
Sierra	1620	1510	1090	530	49.9	17
C.V. %	14	13	13	17	3.6	5
LSD (.10)	120	120	140	210	1.7	1
Average	1820	1720	1440	1200	43.4	16
Highest	2100	1950	1760	1720	55.5	20
Lowest	1320	1330	980	530	16.9	14

* 2013 & 2015 data (2014 data not included due to deer damage)
+ 2012, 2013 & 2015 data
^ 2011, 2012, 2013 & 2015 data

2015 WSU Farmington Spring Chickpea

1. Seed yield in the 2015 Farmington spring chickpea variety trial averaged 1200 pounds/acre, 620 pounds/acre less than the 4-year average at this location. The Farmington nursery was located about four miles south of Farmington, WA (Bruce Nelson, cooperator).

2. This nursery was seeded on 27 April, 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, but the growing season was warmer and drier than normal.

3. Average yields ranged from 530 to 1720 pounds/acre. The variability was higher then desired. Deer feeding on later maturity entries contributed to variability. The variety 'Billy beans' was the highest yielding entry.

4. Seed weights averaged 43.4 grams/100 seed and plant height averaged a short 16 inches.