

2014 WSU Variety Testing Lentil Trial Summary, Farmington

Variety Name	Type	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)	Canopy Height (In)	Erect Index
LC08600113P	<i>Pardina</i>	1710	1400	1600	1810	4.4	15	9	0.57
Avondale (LC01602300R)	<i>Richlea</i>	1680	1350	1550	1770	4.9	14	8	0.59
Richlea	<i>Richlea</i>		1300	1460	1640	4.9	17	10	0.61
Morena	<i>Pardina</i>	1580	1350	1390	1530	4.0	15	10	0.67
LC07ND055E	<i>Eston</i>		1180	1280	1460	3.8	14	11	0.78
Pardina	<i>Pardina</i>	1510	1170	1310	1450	3.5	14	8	0.59
LC09600507P	<i>Pardina</i>				1390	4.2	13	8	0.58
NDL090288E	<i>Eston</i>				1380	3.9	15	13	0.87
Crimson	<i>Turkish red</i>	1170	1030	1140	1360	3.2	14	7	0.50
LC0860B130L	<i>Laird</i>			1320	1330	7.2	15	9	0.59
Eston	<i>Eston</i>	1290	1050	1170	1280	3.1	14	12	0.89
LC01602273E	<i>Eston</i>	1610		1200	1280	3.5	13	10	0.76
Merrit	<i>Laird</i>	1410	1140	1220	1270	5.9	14	10	0.74
LC08600116P	<i>Pardina</i>		1120		1230	4.6	15	7	0.50
LC06601734L	<i>Laird</i>	1520	1190	1290	1210	7.0	16	10	0.60
LC01602062T	<i>Turkish red</i>	1330	1070	1150	1180	4.2	13	8	0.67
NDL090413T	<i>Turkish red</i>				980	4.0	13	9	0.66
LC0860B123L	<i>Laird</i>		910	980	880	8.2	15	9	0.65
C.V. %		11	11	9	4	2.5	11	12	19.40
LSD (.10)		80	90	90	70	0.2	2	1	0.17
Average		1480	1170	1290	1360	4.7	14	9	0.66
Highest		1710	1400	1600	1810	8.2	17	13	0.89
Lowest		1170	910	980	880	3.1	13	7	0.50

2014 WSU Farmington Spring Lentil – Preliminary Data

1. Seed yield in the 2014 Farmington spring lentil variety trial averaged 1360 pounds/acre, 120 pounds/acre less than the four-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 2 May, 2014. Seed was placed at a 9 seed/sq.ft. rate (approximately 60 lb/acre for average 'Laird' seed weight) using a double-disk plot drill set on 7-inch spacing. Seeding was timely for this location and establishment was good.
3. Yields ranged from 880 pounds/acre to 1810 pounds/acre. Yield values within the LSD range of the highest yield are shown in bold and two of the 18 entries are in this group. The newly released variety 'Avondale' was the highest yielding variety in this trial. Class type is listed after variety name.
4. Seed weights averaged 4.7 grams/100 seed and ranged widely, from 3.1 to 8.2 grams/100 seed, due to class seed size differences. The average plant height was 14 inches, furthermore entries varied by the erect index that averaged 0.66 indicating uprightness of the plant stems.