

2014 WSU Variety Testing Lentil Trial Summary, Walla Walla

2014

Variety Name	Type	4 Year Average (Lbs/A)	3 Year Average (Lbs/A)	2 Year Average (Lbs/A)	2014				
					Yield (Lbs/A)	100 Seed Weight (Grams)	Plant Height (In)	Canopy Height (In)	Erect Index
LC07ND055E	<i>Eston</i>		1180	1140	1790	4.0	12	13	1.00
LC0860B130L	<i>Laird</i>			1300	1760	8.0	13	8	0.62
Richlea	<i>Richlea</i>		1180	1340	1740	5.3	12	9	0.73
LC06601734L	<i>Laird</i>	1200	1180	1260	1660	7.8	14	11	0.82
LC01602273E	<i>Eston</i>	1190		1110	1650	3.8	11	9	0.82
LC01602062T	<i>Turkish red</i>	1210	1130	1130	1590	5.0	11	9	0.77
Avondale (LC01602300R)	<i>Richlea</i>	1410	1320	1320	1590	5.3	14	10	0.78
NDL090288E	<i>Eston</i>				1550	4.2	12	12	1.00
Morena	<i>Pardina</i>	1200	1120	1060	1530	4.3	12	10	0.83
Merrit	<i>Laird</i>	1250	1170	1090	1480	7.1	12	11	0.90
LC08600113P	<i>Pardina</i>	1220	1170	1200	1420	4.9	11	6	0.52
Eston	<i>Eston</i>	1000	990	980	1420	3.3	11	9	0.85
LC0860B123L	<i>Laird</i>		980	1050	1300	9.5	14	11	0.85
LC08600116P	<i>Pardina</i>		1040		1210	5.3	13	8	0.62
Pardina	<i>Pardina</i>	1240	1080	920	1170	4.2	11	8	0.73
LC09600507P	<i>Pardina</i>				1110	4.9	11	6	0.55
NDL090413T	<i>Turkish red</i>				1010	4.9	11	10	0.91
Crimson	<i>Turkish red</i>	770	650	790	980	3.4	11	7	0.64
C.V. %		15	14	15	13	3.4	7	27	28.40
LSD (.10)		90	90	130	210	0.2	1	3	0.23
Average		1170	1090	1120	1440	5.3	12	9	0.77
Highest		1410	1320	1340	1790	9.5	14	13	1.00
Lowest		770	650	790	980	3.3	11	6	0.52

2014 WSU Walla Walla Spring Lentil – Preliminary Data

1. Seed yield in the 2014 Walla Walla spring lentil variety trial averaged 1440 pounds/acre, 270 pounds/acre more than the four-year average at this location. The Walla Walla nursery was located about two miles east of Walla Walla, WA (Dwellely Jones, cooperator).
2. This nursery was seeded on 4 April, 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 and establishment was good.
3. Yields ranged from 980 pounds/acre to 1790 pounds/acre. Yield values within the LSD range of the highest yield are shown in bold and seven of the 18 entries are in this group. 'Richlea' was the highest yielding variety in this trial. Class type is listed after variety name.
4. Seed weights averaged 5.3 grams/100 seed and ranged widely, from 3.3 to 9.5 grams/100 seed, due to class seed size differences. The average plant height was short at 12 inches, furthermore entries varied by the erect index that averaged 0.77 indicating uprightness of the plant stems.