

2014 WSU LENTIL TRIAL SUMMARY and 4-YEAR SUMMARY

VARIETY NAME	FARMINGTON	PALOUSE	WALLA WALLA	2014 AVERAGE	2011-2014 AVERAGE, 15 locyrs	FARMINGTON	PALOUSE	WALLA WALLA	2014 AVERAGE	2011-2014 AVERAGE, 15 locyrs
	YIELD (LBS/A)					100 SEED WEIGHT (g)				
Avondale (LC01602300R)	1770	1730	1590	1700	1670	4.9	4.8	5.3	5.0	5.0
Richlea	1640	1700	1740	1690		4.9	4.8	5.3	5.0	
LC07ND055E	1460	1760	1790	1670		3.8	3.4	4.0	3.7	
Morena	1530	1920	1530	1660	1570	4.0	3.7	4.3	4.0	4.0
LC08600113P	1810	1640	1420	1620	1550	4.4	4.0	4.9	4.4	4.7
Pardina	1450	1950	1170	1530	1570	3.5	3.5	4.2	3.7	3.9
LC01602273E	1280	1580	1650	1500	1640	3.5	3.2	3.8	3.5	3.6
Eston	1280	1620	1420	1440	1300	3.1	2.9	3.3	3.1	3.3
LC01602062T	1180	1510	1590	1430	1430	4.2	4.1	5.0	4.4	4.5
LC09600507P	1390	1790	1110	1430		4.2	4.1	4.9	4.4	
LC0860B130L	1330	1140	1760	1410		7.2	6.9	8.0	7.3	
LC06601734L	1210	1320	1660	1390	1410	7.0	6.6	7.8	7.1	6.9
Merrit	1270	1280	1480	1350	1430	5.9	5.9	7.1	6.3	6.5
Crimson	1360	1540	980	1290	1200	3.2	3.0	3.4	3.2	3.4
LC08600116P	1230	1450	1210	1290		4.6	4.2	5.3	4.7	
NDL090288E	1380	860	1550	1260		3.9	3.8	4.2	4.0	
LC0860B123L	880	1130	1300	1100		8.2	7.9	9.5	8.5	
NDL090413T	980	1090	1010	1030		4.0	4.0	4.9	4.3	
C.V. (%)	4	14	13	12	11	2.5	3.7	3.4	3.3	3.4
LSD (0.10)	70	290	210	120	50	0.2	0.2	0.2	0.1	0.1
Average	1360	1500	1440	1430	1480	4.7	4.5	5.3	4.8	4.6
Highest	1810	1950	1790	1700	1670	8.2	7.9	9.5	8.5	6.9
Lowest	880	860	980	1030	1200	3.1	2.9	3.3	3.1	3.3

2014 WSU Lentil Variety Trial Summary and 4-Year Summary – Preliminary Data

1. Lentil seed yield across three 2014 locations and 18 entries in Eastern Washington averaged 1480 pounds/acre and was equivalent to the 2013 average yield. Yields in 2014 ranged from 1030 to 1700 pounds/acre across the three locations across entries. The Dusty site was not harvested this year due to establishment, management, and deer feeding problems.

2. Yields among entries averaged across locations and four years ranged from 1200 to 1670 pounds/acre. 'Avondale' was the highest yielding named entry averaged across 2014 locations and in the 4-year average (15 location/years). Average 2014 yield values within the 10% LSD range (120 pounds/acre) of the highest yield are shown in bold and included five of the 18 entries.

3. Seed weight averaged 4.8 grams/100 seed across 2014 locations and entries and was lower than the 2013 average seed weight with a range from 3.1 to 8.5 grams/100 seed among entries.