

2012 WSU LENTIL TRIAL SUMMARY and 2-YEAR SUMMARY

VARIETY NAME	DUSTY	FARMINGTON	PALOUSE	WALLA WALLA	2012 AVERAGE	2011-2012 AVERAGE, 8 loc/ys	DUSTY	FARMINGTON	PALOUSE	WALLA WALLA	2012 AVERAGE	2011-2012 AVERAGE, 8 loc/ys
	YIELD (LBS/A)						100 SEED WEIGHT (g)					
LC016022273E	680	1160	1950	1290	1270		3.1	3.7	3.5	3.1	3.3	
Morena	730	1270	1860	1230	1270	1640	3.6	4.2	4.1	3.4	3.8	3.9
Pardina	920	900	1820	1410	1260	1660	3.5	4.1	4.2	3.8	3.9	3.9
LC01602300R	800	940	1790	1300	1210	1680	4.6	4.9	5.0	4.5	4.7	5.0
LC07ND055E	850	970	1560	1250	1160		3.2	3.8	3.8	3.1	3.5	
LC08600113P	760	1020	1750	1110	1160	1540	4.3	4.7	4.8	4.4	4.5	4.7
LC05600043T	770	1310	1790	790	1160		4.1	5.0	4.8	3.9	4.5	
Richlea	1040	980	1700	870	1150		4.7	5.3	5.1	4.5	4.9	
Merrit	790	960	1480	1350	1140	1480	5.9	6.5	6.4	5.6	6.1	6.4
Riveland	700	1050	1670	1080	1120		6.4	7.5	7.5	6.4	6.9	
LC08600116P	760	1020	1840	870	1120		4.6	5.3	5.0	4.6	4.9	
LC08600005E	860	870	1530	1130	1100	1440	4.3	4.8	4.7	4.1	4.5	4.8
LC01602062T	800	910	1540	1150	1100	1450	4.1	4.5	4.7	5.2	4.3	4.5
LC07ND068E	970	710	1400	1280	1090		3.4	3.9	4.0	3.5	3.7	
Brewer	650	910	1600	1210	1090	1470	5.4	5.9	5.9	5.5	5.7	5.9
LC06601734L	570	990	1640	1020	1060	1430	6.2	7.1	7.1	5.9	6.6	6.9
LC05600812E	700	850	1730	470	940	1370	3.7	4.6	4.7	3.8	4.2	4.3
Eston	660	810	1240	1000	930	1250	3.1	3.4	3.3	3.1	3.2	3.4
LC0860B123L	470	760	1480	850	890		7.5	8.8	9.3	6.3	8.4	
LC0700376L	770	930	1580	140	860		6.9	7.5	7.2	5.9	6.9	
LC07600536L	550	1000	1350	530	860		6.4	7.1	6.7	5.7	6.5	
Crimson	670	810	1010	380	720	1170	3.2	3.5	3.5	3.6	3.5	3.5
LC07ND202T	380	610	980	140	530		3.0	3.0	3.1	2.9	3.0	
LC07ND176T	300	130	800	140	340		3.1	3.4	3.4	3.3	3.3	
C.V.(%)	21	19	10	13	15	13	4.0	2.5	3.7	5.4	3.9	3.7
LSD (0.10)	160	180	170	130	80	63	0.2	0.1	0.2	0.3	0.1	0.1
Average	710	910	1540	910	1020	1460	4.5	5.1	5.1	4.4	4.8	4.8
Highest	1040	1310	1950	1400	1270	1680	7.5	8.8	9.3	7.8	8.4	6.9
Lowest	300	130	800	140	340	1170	3.0	3.0	3.1	3.0	3.0	3.4

2012 WSU Lentil Variety Trial Summary and 2-Year Summary – Preliminary Data

1. Lentil seed yield across four 2012 locations and 24 entries in Eastern Washington averaged 1020 pounds/acre and was 670 pounds/acre less than the 2011 average yield. Yields in 2012 ranged from 710 to 1540 pounds/acre among four locations across entries.
2. Yields among entries averaged across locations ranged from 340 to 1270 pounds/acre. 'Morena' and 'Pardina' were the highest yielding named entries averaged across 2012 locations and in the 2-year average. Average yield values within the 10% LSD range (80 pounds/acre) of the highest yield are shown in bold and this included 4 of the 24 entries.
3. Seed weight averaged 4.8 grams/100 seed across 2012 locations and entries, similar to the 2011 average seed weight, and ranged from 3.0 to 8.4 grams/100 seed among entries.