

2011 WSU LENTIL TRIAL SUMMARY

VARIETY NAME	DUSTY	FARMINGTON	PALOUSE	WALLA WALLA	AVERAGE YIELD	DUSTY	FARMINGTON	PALOUSE	WALLA WALLA	AVERAGE SEED WEIGHT
	YIELD (LBS/A)					100 SEED WEIGHT (g)				
LC01602300R	1470	2670	2790	1700	2160	5.1	5.2	5.1	5.7	5.3
Pardina	1520	2510	2530	1700	2060	3.8	3.8	4.0	4.4	4.0
Essex	1410	2390	2650	1610	2020	4.4	4.2	4.3	5.1	4.5
Morena	1730	2250	2600	1450	2000	3.9	4.0	3.9	4.2	4.0
LC01602273E	1380	2430	2670	1340	1950	3.8	3.7	3.7	3.9	3.8
LC08600113P	1130	2610	2550	1380	1920	4.7	4.9	4.9	5.3	4.9
Brewer	710	2450	2650	1590	1850	6.5	5.8	5.9	6.3	6.2
Merrit	1090	2230	2460	1480	1820	6.8	6.4	6.5	7.1	6.7
LC05600812E	1360	2300	2470	1110	1810	4.4	4.2	4.2	4.7	4.4
LC01602062T	1080	2120	2570	1430	1800	4.6	4.5	4.7	5.2	4.8
LC06601734L	820	2520	2580	1270	1800	7.3	6.8	7.2	7.8	7.3
LC08600005E	1230	2030	2460	1390	1780	4.8	5.0	5.1	5.3	5.1
LC08600114P	1140	2400	2400	1010	1740	5.3	5.2	5.3	5.4	5.3
LC7ND055R	880	2060	2440	1500	1720	3.9	3.8	3.8	4.2	3.9
LC7ND068E	1120	2140	2430	1050	1690	4.1	4.0	3.9	4.6	4.1
Crimson	1450	1570	2350	1140	1630	3.4	3.7	3.4	3.7	3.6
LC06600839L	1070	1970	2050	1340	1610	8.2	7.4	7.9	8.7	8.0
Eston	920	2020	2300	1020	1560	3.5	3.4	3.4	3.9	3.5
Shasta	410	2000	2130	1320	1470	5.8	5.8	5.4	6.2	5.8
Cedar	880	1820	2220	840	1440	4.6	4.3	4.4	4.9	4.5
LC07ND0176T	720	1870	1850	640	1270	3.6	3.3	3.5	3.6	3.5
LC7ND202T	670	1700	1600	790	1190	3.3	3.2	3.1	3.5	3.3
LC0660939YZ	370	1380	2040	830	1160	6.2	6.0	5.8	6.7	6.2
LC99602585RZ	440	1430	1760	520	1040	4.6	4.0	3.9	4.6	4.3
C.V.(%)	15	9	8	17	11	4.1	3.0	3.1	3.8	3.6
LSD (0.10)	160	200	210	220	100	0.2	0.2	0.2	0.2	0.1
Average	1040	2120	2360	1230	1690	4.9	4.7	4.7	5.2	4.9
Highest	1730	2670	2780	1700	2160	8.2	7.4	7.9	8.7	8.0
Lowest	370	1380	1600	520	1040	3.3	3.2	3.1	3.5	3.3

2011 WSU Lentil Variety Trial Summary – Preliminary Data

Lentil seed yield across four locations and 24 entries in Eastern Washington averaged 1690 pounds/acre and ranged from 1040 to 2360 pounds/acre among locations across entries.

Yields among entries averaged across locations ranged from 1040 to 2160 pounds/acre. Pardina was the highest yielding named entry averaged across locations. Average yield values within the 10% LSD range (100 pounds/acre) of the highest yield are shown in bold and this included 2 of the 24 entries.

Seed weight averaged 4.9 grams/100 seed across locations and entries, and ranged from 3.3 to 8.0 grams/100 seed among entries.