

2015 WSU LENTIL TRIAL SUMMARY, 2-YEAR, 3-YEAR and 5-YEAR SUMMARY

VARIETY NAME	COLTON	PALOUSE	WALLA WALLA	2015 AVERAGE	2014-2015 AVERAGE, 6 locyrs	2013-2015 AVERAGE, 10 locyrs	2011-2015 AVERAGE, 18 locyrs	COLTON	PALOUSE	WALLA WALLA	2015 AVERAGE	2014-2015 AVERAGE, 6 locyrs	2013-2015 AVERAGE, 10 locyrs	2011-2015 AVERAGE, 18 locyrs
	YIELD (LBS/A)							100 SEED WEIGHT (g)						
Avondale	890	1300	1150	1110	1410	1520	1590	3.8	4.2	5.3	4.4	4.7	4.8	4.9
LC01602273E	1040	1200	1040	1090	1300	1380		2.9	2.9	3.8	3.2	3.3	3.4	
Richlea	700	1210	1230	1050	1370	1460		4.1	4.2	5.5	4.6	4.8	4.9	
LC11600361R	850	1130	1140	1040				3.7	3.7	5.6	4.4			
LC07ND055E	730	1060	1310	1030	1350	1400		3.0	3.1	4.0	3.4	3.5	3.6	
Pardina	810	1390	820	1000	1270	1340	1480	3.2	3.4	4.5	3.7	3.7	3.8	3.9
LC11600362R	740	1130	1110	990				3.5	3.6	4.7	3.9			
LC08600113P	710	1340	900	990	1300	1430	1480	3.7	3.7	5.3	4.2	4.3	4.5	4.6
LC10600494P	750	1310	870	980				3.4	3.7	4.2	3.8			
LC09600410L	390	1110	1370	950				5.8	6.1	7.6	6.5			
Merrit	610	1320	890	940	1140	1260	1360	5.0	5.2	6.8	5.7	6.0	6.2	6.3
NDL080187L	540	910	1340	930				4.4	4.8	6.5	5.2			
Crimson	550	1130	970	890	1090	1190	1180	2.8	2.8	3.8	3.1	3.2	3.3	3.4
Eston	550	900	1150	870	1150	1280	1260	2.7	2.8	3.7	3.1	3.1	3.2	3.3
BN Persians	750	1340	480	860				2.8	3.0	3.5	3.1			
LC06601734L	440	1070	1020	850	1120	1230	1320	5.6	5.9	6.9	6.1	6.6	6.6	6.8
LC08600116P	450	1190	890	840	1070			3.9	4.2	5.8	4.6	4.7		
LC10600231P	620	1160	720	830				3.4	3.7	4.7	3.9			
LC01602062T	570	1220	640	810	1120	1250	1340	3.7	4.1	4.8	4.2	4.3	4.4	4.5
LC11600380L	330	1140	940	800				5.6	5.9	7.3	6.3			
C.V. (%)	17	6	15	12	13	11	12	3.1	2.9	2.5	2.8	3.2	3.4	3.6
LSD (0.10)	120	80	160	70	70	50	40	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Average	650	1180	1000	940	1220	1340	1380	3.9	4.1	5.2	4.4	4.4	4.5	4.7
Highest	1040	1390	1370	1110	1400	1520	1590	5.8	6.1	7.6	6.5	6.6	6.6	6.8
Lowest	330	900	480	800	1070	1190	1180	2.7	2.8	3.5	3.1	3.1	3.2	3.3

2015 WSU Spring Lentil Variety Trial Summary and 2, 3, and 5 year Summary

Lentil seed yield across three 2015 locations and 20 entries in Eastern Washington averaged 940 pounds/acre and was 490 pounds/acre less than the 2014 average yield. The fourth planted location at Farmington was not reported due to disease and weed pressure. As in 2014, the highest yielding variety across locations was Avondale. Overall yields were low due to high temperatures and limited rainfall during the growing season. Seeds weights were marginally lower than the 5-year average due to growing conditions.