

## 2011 WSU Variety Testing Lentil Trial, Walla Walla

Variety Name	Type	Yield (Lbs/A)	100 Seed Weight (Grams)	Plant Height (In)
LC01602300R	<i>Laird</i>	<b>1700</b>	5.7	12
<b>Pardina</b>	<i>Pardina</i>	<b>1700</b>	4.4	11
<b>Essex</b>	<i>Eston</i>	<b>1610</b>	5.1	13
<b>Brewer</b>	<i>Laird</i>	<b>1590</b>	6.3	11
<b>LC7ND055R</b>	<i>Laird</i>	<b>1500</b>	4.2	12
<b>Merrit</b>	<i>Laird</i>	1480	7.1	12
<b>Morena</b>	<i>Pardina</i>	1450	4.2	13
<b>LC01602062T</b>	<i>Turkish Red</i>	1430	5.2	12
<b>LC08600005E</b>	<i>Eston</i>	1390	5.3	14
<b>LC08600113P</b>	<i>Pardina</i>	1380	5.3	12
<b>LC01602273E</b>	<i>Eston</i>	1340	3.9	12
<b>LC06600839L</b>	<i>Laird</i>	1340	<b>8.7</b>	11
<b>Shasta</b>	<i>0 tannin</i>	1320	6.2	14
<b>LC06601734L</b>	<i>Laird</i>	1270	7.8	12
<b>Crimson</b>	<i>Turkish Red</i>	1140	3.7	11
<b>LC05600812E</b>	<i>Eston</i>	1110	4.7	11
<b>LC7ND068E</b>	<i>Eston</i>	1050	4.6	12
<b>Eston</b>	<i>Eston</i>	1020	3.9	12
<b>LC08600114P</b>	<i>Pardina</i>	1010	5.4	11
<b>Cedar</b>	<i>0 tannin</i>	840	4.9	12
<b>LC0660939YZ</b>	<i>0 tannin</i>	830	6.7	12
<b>LC7ND202T</b>	<i>Turkish Red</i>	790	3.5	10
<b>LC07ND0176T</b>	<i>Turkish Red</i>	640	3.6	11
<b>LC99602585RZ</b>	<i>0 tannin</i>	520	4.6	13
<b>CV</b>		17	3.8	9
<b>LSD</b>		220	0.2	1
<b>Average</b>		1230	5.2	12
<b>Highest</b>		1700	8.7	14
<b>Lowest</b>		520	3.5	10

### Walla Walla Spring Lentil – Preliminary Data

Seed yield in the Walla Walla spring lentil variety trial averaged 1230 pounds/acre. The Walla Walla nursery was located about one mile southeast of Walla Walla, WA (Dwellely Jones, cooperator).

This nursery was seeded on 19 April, 2011. Seed was placed at an 9 seed/sq.ft. rate (approximately 60 lb/acre for average ‘Laird’ seed weight) using a double-disk plot drill set on 6-inch spacing. Although seeding was later than normal, plants established and grew well due to favorable weather. Weeds, insects, and diseases were not a factor in this trial.

Yields ranged from 520 pounds/acre to 1700 pounds/acre. Yield values within the LSD range of the highest yield are shown in bold and 5 of the 24 entries are in this group. Pardina was the highest yielding named variety in this trial. Class type is listed after variety name. There was some seed shattering observed prior to harvest.

Seed weights were good and averaged 5.2 grams/100 seed and ranged widely due to class seed size differences from 3.5 to 8.7 grams/100 seed. The average plant height was 12 inches.