

2012 WSU Variety Testing Lentil Trial Summary, Walla Walla

Variety Name	Type	2 Year Average (Lbs/A)	2012		
			Yield (Lbs/A)	100 Seed Weight (Grams)	Plant Height (In)
Pardina	<i>Pardina</i>	1550	1400	3.7	12
Merrit	<i>Laird</i>	1410	1350	5.6	14
LC01602300R	<i>Laird</i>	1500	1300	4.5	14
LC016022273E	<i>Eston</i>		1290	3.1	13
LC07ND068E	<i>Eston</i>		1270	3.6	13
LC07ND055E	<i>Eston</i>		1250	3.2	14
Morena	<i>Pardina</i>	1340	1230	3.5	12
Brewer	<i>Laird</i>	1400	1210	5.4	13
LC01602062T	<i>Turkish Red</i>	1290	1150	4.0	13
LC08600005E	<i>Eston</i>	1260	1130	4.1	15
LC08600113P	<i>Pardina</i>	1240	1110	4.3	13
Riveland	<i>Laird</i>		1080	6.4	14
LC06601734L	<i>Laird</i>	1140	1020	5.9	14
Eston	<i>Eston</i>	1010	1000	3.1	13
Richlea	<i>Richlea</i>		870	4.5	14
LC08600116P	<i>Pardina</i>		870	4.7	15
LC0860B123L	<i>Laird</i>		850	7.8	13
LC05600043T	<i>Turkish Red</i>		790	3.9	13
LC07600536L	<i>Laird</i>		530	5.8	15
LC05600812E	<i>Eston</i>	790	470	3.7	11
Crimson	<i>Turkish Red</i>	760	380	3.6	12
LC07ND202T	<i>Turkish Red</i>		140	3.0	12
LC0700376L	<i>Laird</i>		140	5.9	14
LC07ND176T	<i>Turkish Red</i>		140	3.3	13
C.V. %		16	13	5.4	10
LSD (.10)		130	130	0.3	1
Average		1220	910	4.4	13
Highest		1550	1400	7.8	15
Lowest		760	140	3.0	11

2012 WSU Walla Walla Spring Lentil - Preliminary Data

1. Seed yield in the 2012 Walla Walla spring lentil variety trial averaged 910 pounds/acre, 320 pounds/acre less than the 2011 average. The Walla Walla nursery was located about one mile southeast of Walla Walla, WA (Dwelley Jones, cooperator).
2. This nursery was seeded on 23 April, 2012. Seed was placed at a 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. Seeding was later than normal and might have had some limitation on yield. In mid-June a hail event caused some damage to foliage, flowers, and developing pods, but damage should have been minor at that stage.
3. Yields ranged from 140 pounds/acre to 1400 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 variety in this trial. Class type is listed after variety name.
4. Seed weights averaged 4.4 grams/100 seed and ranged widely due to class seed size differences from 3.0 to 7.8 grams/100 seed. The average plant height was 13 inches.