

2012 WSU Variety Testing Lentil Trial Summary, Palouse

Variety Name	Type	2 Year Average (Lbs/A)	2012		
			Yield (Lbs/A)	100 Seed Weight (Grams)	Plant Height (In)
LC016022273E	<i>Eston</i>		1950	3.5	10
Morena	<i>Pardina</i>	2230	1860	4.1	12
LC08600116P	<i>Pardina</i>		1840	5.0	12
Pardina	<i>Pardina</i>	2180	1820	4.2	11
LC05600043T	<i>Turkish Red</i>		1790	4.8	12
LC01602300R	<i>Laird</i>	2290	1790	5.0	13
LC08600113P	<i>Pardina</i>	2150	1750	4.8	11
LC05600812E	<i>Eston</i>	2100	1730	4.7	11
Richlea	<i>Richlea</i>		1690	5.1	13
Riveland	<i>Laird</i>		1670	7.5	13
LC06601734L	<i>Laird</i>	2110	1640	7.1	14
Brewer	<i>Laird</i>	2130	1600	5.9	12
LC0700376L	<i>Laird</i>		1580	7.2	13
LC07ND055E	<i>Eston</i>		1560	3.8	11
LC01602062T	<i>Turkish Red</i>	2050	1540	4.7	12
LC08600005E	<i>Eston</i>	1990	1530	4.7	12
LC0860B123L	<i>Laird</i>		1480	9.3	12
Merrit	<i>Laird</i>	1970	1480	6.4	12
LC07ND068E	<i>Eston</i>		1400	4.0	11
LC07600536L	<i>Laird</i>		1350	6.7	13
Eston	<i>Eston</i>	1770	1240	3.3	11
Crimson	<i>Turkish Red</i>	1680	1010	3.5	10
LC07ND202T	<i>Turkish Red</i>		980	3.1	11
LC07ND176T	<i>Turkish Red</i>		800	3.4	12
C.V. %		10	10	3.7	7
LSD (.10)		130	170	0.2	1
Average		2050	1540	5.1	12
Highest		2290	1950	9.3	14
Lowest		1680	800	3.1	10

2012 WSU Palouse Spring Lentil - Preliminary Data

1. Seed yield in the 2012 Palouse spring lentil variety trial averaged 1540 pounds/acre, 820 pounds/acre less than the 2011 average. The Palouse nursery was located about eight miles south of Palouse, WA (Chris Fleener, cooperator).
2. This nursery was seeded on 15 May, 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. Seeding conditions resulted in shallow seed placement and reduced some establishment.
3. Yields ranged from 800 pounds/acre to 1950 pounds/acre. Yield values within the LSD range of the highest yield are shown in bold and 6 of the 24 entries are in this group. The recently released Spanish Brown 'Morena' was the highest yielding variety in this trial. Class type is listed after variety name.
4. Seed weights averaged 5.1 grams/100 seed and ranged widely due to class seed size differences from 3.1 to 9.3 grams/100 seed. The average plant height was 12 inches.