

2011 WSU Variety Testing Lentil Trial, Dusty

Variety Name	Type	Yield (Lbs/A)	100 Seed Weight (Grams)	Plant Height (In)
Morena	<i>Pardina</i>	1730	3.9	12
Pardina	<i>Pardina</i>	1520	3.8	11
LC01602300R	<i>Laird</i>	1470	5.1	13
Crimson	<i>Turkish Red</i>	1450	3.4	11
Essex	<i>Eston</i>	1410	4.4	12
LC01602273E	<i>Eston</i>	1380	3.8	12
LC05600812E	<i>Eston</i>	1360	4.4	12
LC08600005E	<i>Eston</i>	1230	4.8	14
LC08600114P	<i>Pardina</i>	1140	5.3	12
LC08600113P	<i>Pardina</i>	1130	4.7	12
LC7ND068E	<i>Eston</i>	1120	4.1	11
Merrit	<i>Laird</i>	1100	6.8	11
LC01602062T	<i>Turkish Red</i>	1090	4.6	13
LC06600839L	<i>Laird</i>	1070	8.2	12
Eston	<i>Eston</i>	920	3.5	12
LC7ND055R	<i>Laird</i>	880	3.9	13
Cedar	<i>0 tannin</i>	880	4.6	13
LC06601734L	<i>Laird</i>	820	7.3	13
LC07ND0176T	<i>Turkish Red</i>	720	3.6	12
Brewer	<i>Laird</i>	710	6.5	12
LC7ND202T	<i>Turkish Red</i>	670	3.3	11
LC99602585RZ	<i>0 tannin</i>	440	4.6	11
Shasta	<i>0 tannin</i>	410	5.8	13
LC0660939YZ	<i>0 tannin</i>	370	6.2	12
CV		15	4.1	9
LSD		160	0.2	1
Average		1040	4.9	12
Highest		1730	8.2	14
Lowest		370	3.3	11

Dusty Spring Lentil – Preliminary Data

Seed yield in the Dusty spring lentil variety trial averaged 1040 pounds/acre. The Dusty nursery was located about six miles west of Dusty, WA (Steve Camp farm).

This nursery was seeded on 20 April, 2011. Seed was placed at an 9 seed/sq.ft. rate (approximately 60 lb/acre for average ‘Laird’ seed weight) using a hoe-opener drill set on 9-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 370 pounds/acre to 1730 pounds/acre. Yield values within the LSD range of the highest yield are shown in bold and only 1 of the 24 entries are in this group. Morena, a newly released Spanish-brown type, was the highest yielding named variety in this trial.

Seed weights were good and averaged 4.9 grams/100 seed and ranged from 3.3 to 8.2 grams/100 seed. The average plant height was 12 inches.