

2012 WSU Variety Testing Lentil Trial Summary, Farmington

| Variety Name | Type | 2 Year Average (Lbs/A) | 2012 | | |
|-----------------|--------------------|------------------------|---------------|-------------------------|-------------------|
| | | | Yield (Lbs/A) | 100 Seed Weight (Grams) | Plant Height (In) |
| LC05600043T | <i>Turkish Red</i> | | 1310 | 5.0 | 11 |
| Morena | <i>Pardina</i> | 1760 | 1270 | 4.2 | 12 |
| LC016022273E | <i>Eston</i> | | 1160 | 3.7 | 11 |
| Riveland | <i>Laird</i> | | 1050 | 7.5 | 13 |
| LC08600116P | <i>Pardina</i> | | 1020 | 5.3 | 11 |
| LC08600113P | <i>Pardina</i> | 1810 | 1020 | 4.7 | 12 |
| LC07600536L | <i>Laird</i> | | 1000 | 7.1 | 13 |
| LC06601734L | <i>Laird</i> | 1760 | 990 | 7.1 | 12 |
| Richlea | <i>Richlea</i> | | 980 | 5.3 | 12 |
| LC07ND055E | <i>Eston</i> | | 970 | 3.8 | 9 |
| Merrit | <i>Laird</i> | 1600 | 960 | 6.5 | 12 |
| LC01602300R | <i>Laird</i> | 1810 | 940 | 4.9 | 13 |
| LC0700376L | <i>Laird</i> | | 930 | 7.5 | 13 |
| LC01602062T | <i>Turkish Red</i> | 1520 | 910 | 4.5 | 11 |
| Brewer | <i>Laird</i> | 1680 | 910 | 5.9 | 11 |
| Pardina | <i>Pardina</i> | 1700 | 900 | 4.1 | 10 |
| LC08600005E | <i>Eston</i> | 1450 | 870 | 4.8 | 12 |
| LC05600812E | <i>Eston</i> | 1570 | 850 | 4.6 | 10 |
| Eston | <i>Eston</i> | 1420 | 810 | 3.4 | 11 |
| Crimson | <i>Turkish Red</i> | 1190 | 810 | 3.5 | 8 |
| LC0860B123L | <i>Laird</i> | | 760 | 8.8 | 13 |
| LC07ND068E | <i>Eston</i> | | 710 | 3.9 | 10 |
| LC07ND202T | <i>Turkish Red</i> | | 610 | 3.0 | 9 |
| LC07ND176T | <i>Turkish Red</i> | | 130 | 3.4 | 12 |
| C.V. % | | 13 | 19 | 2.5 | 7 |
| LSD (.10) | | 130 | 180 | 0.1 | 1 |
| Average | | 1610 | 910 | 5.1 | 11 |
| Highest | | 1810 | 1310 | 8.8 | 13 |
| Lowest | | 1190 | 130 | 3.0 | 8 |

2012 WSU Farmington Spring Lentil - Preliminary Data

1. Seed yield in the 2012 Farmington spring lentil variety trial averaged 1310 pounds/acre, 810 pounds/acre less than the 2011 average. The Farmington nursery was located about three miles south of Farmington, WA (Bruce Nelson, cooperator).
2. This nursery was seeded on 17 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. The trial area was not uniform and some plot areas were excluded.
3. Yields ranged from 130 pounds/acre to 1310 pounds/acre. Yield values within the LSD range of the highest yield are shown in bold and 3 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 3.0 to 8.8 grams/100 seed. The average plant height was 11 inches.