

2015 WSU Variety Testing Pea Trial Summary, Colton

2015						
Variety Name	Type	Yield (lbs/a)	100 Seed Weight (grams)	Plant Height (in.)	Canopy Height (in.)	Erect Index (0.01-1.00)
LC01602273E	<i>Eston</i>	1040	2.9	13	11	0.92
Avondale	<i>Richlea</i>	890	3.8	12	12	0.95
LC11600361R	<i>Richlea</i>	850	3.7	12	11	0.87
Pardina	<i>Pardina</i>	810	3.2	11	10	0.93
LC10600494P	<i>Pardina</i>	750	3.4	12	11	0.94
BN Persians	<i>Eston</i>	750	2.8	12	10	0.83
LC11600362R	<i>Richlea</i>	740	3.5	15	13	0.89
LC07ND055E	<i>Eston</i>	730	3.0	11	11	0.98
LC08600113P	<i>Pardina</i>	710	3.7	12	11	0.89
Richlea	<i>Richlea</i>	700	4.1	12	12	0.94
LC10600231P	<i>Pardina</i>	620	3.4	11	10	0.96
Merrit	<i>Laird</i>	610	5.0	12	10	0.89
LC01602062T	<i>Turkish Red</i>	570	3.7	11	11	0.94
Crimson	<i>Turkish Red</i>	550	2.8	10	10	0.93
Eston	<i>Eston</i>	550	2.7	11	11	0.98
NDL080187L	<i>Laird</i>	540	4.4	11	11	0.94
LC08600116P	<i>Pardina</i>	450	3.9	12	10	0.83
LC06601734L	<i>Laird</i>	440	5.6	13	12	0.91
LC09600410L	<i>Laird</i>	390	5.8	12	11	0.91
LC11600380L	<i>Laird</i>	330	5.6	12	12	0.93
C.V. %		17	3.1	9	10	6.81
LSD (.10)		120	0.1	1	1	0.07
Average		650	3.9	12	11	0.92
Highest		1040	5.8	15	13	0.98
Lowest		330	2.7	10	10	0.83

2015 WSU Colton Spring Lentil

1. Seed yield in the 2015 Colton spring lentil variety trial averaged 650 pounds/acre. This is the first year at this location. The Colton nursery was located about two miles west of Colton, WA near the Snake river canyon rim (Harold Schultheis, cooperator)
2. This nursery was seeded on 13 April, 2015. Seed was placed at a nine seed/sq. ft. rate (about 60 lbs./acre for average 'Laird' seed weight) using a double-disc drill set on 7-inch spacing. Seeding was timely and the crop established well. Warm and dry conditions prevailed across the growing season limiting yield potential and seed filling.
3. Yields ranged from 330 to 1040 pounds/acre. The variability was acceptable for a legume trial with low yield potential. The top yielding named variety was Avondale, a Richlea type.
4. Seed weights averaged 3.9 grams/100 seed, plants averaged a short 12 inches and stood well.