

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)
PS08101022	<i>Yellow</i>	1990	18.7	17	17	1.00
Ginny (Pro 091-7137)	<i>Green</i>	1980	15.7	20	20	1.00
Banner	<i>Green</i>	1940	16.9	23	23	1.00
Universal	<i>Yellow</i>	1840	16.2	21	21	1.00
PS10100295	<i>Green</i>	1810	17.0	28	28	1.00
Carousel	<i>Yellow</i>	1750	17.0	22	22	1.00
PS07100470	<i>Green</i>	1740	14.6	22	22	1.00
Greenwood (Pro 7040)	<i>Green</i>	1720	14.4	20	20	1.00
Aragorn	<i>Green</i>	1700	16.6	22	22	1.00
PS08101004	<i>Yellow</i>	1690	19.4	20	20	1.00
PS10100370	<i>Green</i>	1690	17.4	23	23	1.00
Ariel	<i>Green</i>	1660	14.3	21	21	1.00
PS03101445	<i>Green</i>	1630	15.5	20	20	1.00
PS05100840	<i>Green</i>	1630	17.4	18	18	1.00
PS08100582	<i>Green</i>	1620	15.7	21	21	1.00
PS08100133	<i>Green</i>	1610	16.8	19	19	1.00
PS07100925	<i>Yellow</i>	1580	18.2	16	16	1.00
PS12100058	<i>Green</i>	1550	14.0	22	22	1.00
PS08100950	<i>Yellow</i>	1510	17.5	18	18	1.00
PS12100095	<i>Green</i>	1500	14.3	23	23	1.00
PS10100158	<i>Green</i>	1490	13.0	23	23	1.00
Columbian	<i>Green</i>	1450	17.0	29	12	0.41
PS12100011	<i>Green</i>	990	15.9	22	22	1.00
C.V. %		9	4.2	7	7	0.91
LSD (.10)		160	0.7	2	2	0.01
Average		1650	16.2	21	21	0.98
Highest		1990	19.4	29	28	1.00
Lowest		990	13.0	16	12	0.41

Hampton results not included due to incorrect seed source.

2015 WSU Colton Spring Dry Pea

1. Seed yield in the 2015 Colton spring dry pea variety trial averaged 1650 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 an eight seeds/sq.ft. rate (about 150 lb/acre for average seed size) 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.
3. Yields ranged from 990 to 1990 pounds/acre. There was low variability in the trial and a relatively narrow LSD shows four entries in the bolded top group. The green variety 'Ginny' was the highest yielding named entry. Color type is listed after variety name.
4. Seed weights averaged 16.2 grams/100 seed, plants averaged a short 21 inches, and stood well.