

**NDSU Carrington Research Extension Center
2012 Variety Trial Data**

Forage/Cover Crop Pea												Carrington	
Variety/treatment	Flower Color ¹	Vine Type ²	Plant Stand sqft	Days to Bloom	Plant Lodge 0-9	Plant/vine Height inch	Plant/vine Height inch	Harvest Moisture %	Biomass Protein % DM	Biomass N con. lb/ac DM	Yield 15 % M ton/ac	----- DM Yield -----	
												2012	3-yr. Avg.
4010	P	V	9.3	55.0	4.3	34.4	.	85.2	19.4	98.9	1.86	1.58	1.32
Admiral	W	SL	9.0	53.0	0.0	34.9	.	84.5	17.3	112.1	2.38	2.02	1.69
Arvika	P	V	11.5	56.0	3.8	35.6	.	86.0	20.1	98.4	1.80	1.53	1.47
Flex	W	V	8.8	56.0	3.8	33.7	.	87.1	20.7	94.4	1.70	1.45	--
Forager	P	V	10.6	55.0	3.5	34.2	.	86.1	18.5	88.2	1.78	1.52	1.36
Grande	W	V	6.3	56.0	0.3	31.3	.	86.1	20.6	95.5	1.71	1.45	1.46
Granger	P	V	8.2	56.5	3.8	31.5	.	86.4	22.5	103.6	1.70	1.44	--
Tucker	W	SL	8.8	55.5	0.0	34.5	.	85.8	19.0	103.0	2.00	1.70	1.57
Victoria	W	V	6.7	53.3	1.0	38.5	.	87.6	20.9	90.5	1.59	1.36	1.02
Admiral + Arvika	W + P	SL + V	8.7	53.8	0.8	30.0	44.2	84.1	19.7	117.3	2.18	1.86	1.50
Admiral + Austrian Winter	W + P	SL + V	8.4	53.0	0.0	33.5	42.2	85.8	19.3	108.2	2.05	1.74	1.46
Admiral + Flex	W + W	SL + V	7.7	53.5	0.0	33.5	47.0	85.5	19.5	119.6	2.24	1.91	--
Admiral + Granger	W + P	SL + V	8.8	53.5	0.0	31.7	43.4	84.9	19.6	125.7	2.35	2.00	--
Austrian Winter	P	V	12.0	57.0	0.5	38.6	.	87.5	21.8	97.6	1.65	1.40	1.20
Mean			8.9	54.8	1.5	34	44.2	85.9	19.9	103.8	1.93	1.64	--
C.V. (%)			18.8	0.6	70.9	8.5	4.4	1.2	9.1	14.0	11.5	11.5	--
LSD 0.05			2.4	0.5	1.6	4.1	3.2	1.5	2.6	20.8	0.34	0.27	--

Planting Date = May 2; Harvest Date = July 2; Previous Crop = Wheat

All treatments sown at 350,000 PLS/ac

All treatments harvested 5-9 days after bloom

¹ Flower color: P = purple, W = white

² Vine type: V = long vine, SL = semi-leafless