

NDSU Carrington Research Extension Center
2011 Variety Trial Data

Forage/Cover Crop Pea	Carrington
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Variety	Harvest Date	Plant Stand sq ft	Days to Bloom	Canopy Height ¹ inch	Vine Length ¹ inch	Plant Lodge 0-9	Harvest Moisture %	Biomass Protein % DM	Biomass N Con. lb/ac DM	-- DM Yield --		
										Yield 15% M ton/ac	2011	3-yr. Avg. ton/ac
4010	2	5.8	60.5	18.7	28.1	5.5	85.2	22.3	86.0	1.42	1.20	1.25
85-50004	1	6.5	54.0	34.6	37.8	0.3	84.8	19.5	72.7	1.37	1.17	--
Admiral + Arvika	1	7.2	57.0	40.9	44.9	1.3	84.6	18.8	80.9	1.59	1.35	1.39
Admiral + Aus. Winter	1	7.5	56.3	35.0	37.1	0.5	84.9	22.1	90.2	1.50	1.28	1.30
Admiral	1	6.7	55.3	30.6	32.3	0.0	85.3	19.1	86.8	1.67	1.42	1.52
Akoja	1	7.0	56.3	32.0	38.8	1.5	84.4	19.8	71.2	1.31	1.11	--
Arvika	2	8.1	61.5	20.3	32.9	6.8	85.6	21.9	84.1	1.42	1.21	1.50
Austrian Winter	2	7.8	61.0	19.3	28.1	5.0	85.8	21.7	70.1	1.19	1.01	1.06
Flex	2	7.2	60.5	20.9	32.1	4.8	86.3	19.8	62.3	1.16	0.99	--
Forager	2	7.2	62.0	22.0	30.1	4.0	85.4	21.4	84.3	1.45	1.23	--
Grande	2	5.7	59.0	22.6	30.3	3.5	84.7	21.4	94.5	1.62	1.38	1.44
Gunner	1	7.2	56.3	32.2	33.7	0.0	84.5	21.6	93.4	1.58	1.35	--
Journey	1	5.5	52.8	28.9	36.4	3.0	84.3	21.7	63.8	1.09	0.92	--
Mirgreen	2	6.2	59.3	20.9	29.3	6.3	85.1	21.0	75.5	1.33	1.13	--
Pulse USA #1	2	5.1	58.5	18.7	27.4	5.3	83.8	20.2	63.2	1.14	0.97	--
Tucker	2	6.6	59.3	22.4	27.6	0.8	86.0	21.1	82.7	1.45	1.23	1.45
Victoria	1	5.5	55.3	25.4	30.1	3.0	87.1	25.3	62.8	0.95	0.81	0.95
Mean		6.5	57.6	25.9	32.3	3.2	85.2	21.1	76.8	1.34	1.14	--
C.V. (%)		12.0	1.1	9.7	7.3	37.6	1.1	9.3	14.1	11.7	11.7	--
LSD 0.05		1.1	0.9	3.6	3.3	1.7	1.3	2.8	15.3	0.22	0.19	--

Planting Date = May 4; Harvest Date 1 = July 8; Harvest Date 2 = July 12; Previous Crop = Spring Wheat

All treatments sown at 350,000 PLS/ac.

All treatments harvested approximately 10 days after bloom.

¹ Canopy height is the height at harvest while vine length is the overall length.