

NDSU Carrington Research Extension Center 2011 Variety Trial Data

Field Pea - Organic	Carrington
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Variety	Stand	Stand	Seedling	Plant	Plant	Plant	Plant	Days to	Bloom	Days	Seeds	Test	Seed	----- Seed Yield -----	
	Count 1 ¹	Count 2 ¹	Vigor ²	Height 1 ³	Height 2 ³	Height 3 ³	Height 4 ³	Bloom	Duration	to PM	per lb	Weight	Protein	2011	3-yr.
	sq ft	sq ft	1-10	inch	inch	inch	inch		days			lb/bu		bu/ac	-----
Agassiz	5.1	5.9	8.0	8.7	27.6	24.6	10.0	56.5	19.5	89.0	.	62.2	.	41.7	--
Cooper	5.1	5.2	3.8	8.3	21.5	30.7	10.2	61.3	13.8	92.5	2424	62.6	25.7	30.1	--
Cruiser	5.9	6.7	5.0	8.1	26.5	21.1	8.0	56.5	16.0	86.5	3285	61.8	26.5	29.6	52.2
Eclipse	7.4	7.6	6.0	7.1	27.3	25.2	7.6	58.0	18.5	90.5	2548	63.3	26.5	29.5	--
Majoret	7.1	7.6	7.0	8.9	26.6	19.1	6.9	57.8	11.5	86.8	2751	62.8	25.5	38.8	55.6
Spider	6.0	6.5	4.5	8.7	29.8	27.0	7.7	57.8	17.5	88.8	2521	63.2	26.3	43.6	--
DS Admiral	7.2	8.2	9.5	10.2	32.5	22.6	7.7	56.8	14.3	84.0	2676	63.2	24.5	41.2	53.5
CDC Golden	8.2	8.5	8.8	8.7	27.8	22.4	8.6	57.3	18.3	87.8	3194	63.1	27.0	32.3	58.5
CDC Striker	6.8	7.4	7.0	9.1	25.9	18.5	7.0	58.5	11.0	86.8	2715	63.3	25.6	39.3	56.0
Mean	6.1	6.6	5.7	8.3	21.4	7.8	57.9	15.2	87.9	87.9	2873	62.9	25.9	33.4	--
C.V. (%)	18.4	17.6	19.5	8.7	11.7	26.8	1.0	5.1	1.4	1.4	4.8	0.8	1.9	13.3	--
LSD 0.05	1.6	1.7	1.6	1.0	3.6	3.0	0.8	1.1	1.8	1.8	200	0.7	0.7	6.4	--

Planting Date = May 4; Harvest Date = August 5; Previous Crop = Emmer

¹ Stand count 1 taken May 24, stand count 2 taken June 2

² Seedling vigor taken June 1 with 1 = poor and 10 = best.

³ Plant height 1 taken June 13, plant height 2 on July 1 beginning bloom, plant height 3 taken July 22 end bloom, and plant height 4 taken at harvest.

*This trial experienced a number of storms with heavy winds and rains from beginning bloom, and a hail storm on July 24.