

**NDSU Carrington Research Extension Center**  
**2013 Variety Trial Data**

<b>Cowpea - Organic</b>	<b>Carrington</b>
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Variety	Days to 50% Emergence	Seedling Vigor <sup>1</sup> 1-5	Days to 50% Flower	Days to 80% Dry Pods	Plant Height inch	1000 KWT gram	Seeds per Pound	Seed Yield lb/ac
PI 221731	9.0	3.7	56.0	91.0	19.3	132.3	3452	805
PI 257463	8.3	4.0	58.3	90.7	21.1	115.7	3931	781
PI 292904	8.0	3.7	59.3	89.7	19.4	114.1	3981	925
PI 292908	8.0	2.7	54.0	86.3	16.7	93.4	4862	658
PI 293499	8.0	4.0	60.3	90.7	17.3	151.5	3020	1053
PI 293525	9.3	2.7	60.0	88.3	16.8	135.0	3372	828
PI 293527	11.7	1.0	66.3	93.3	15.9	110.1	4128	225
PI 293570	7.0	4.3	61.3	91.7	19.3	170.0	2671	1182
PI 339623	7.3	3.0	64.0	87.3	18.2	107.1	4244	967
PI 352903	7.3	2.0	58.3	88.3	17.8	80.3	5655	1107
PI 354699	9.0	2.7	63.0	92.3	18.5	115.8	3945	420
PI 367860	8.0	1.0	63.3	91.3	16.7	62.3	7291	754
PI 427075	7.7	1.7	55.0	84.3	18.4	46.8	9732	1043
PI 491446	7.7	3.0	56.0	92.7	22.8	111.9	4058	1066
PI 491468	8.0	3.7	55.3	86.0	18.4	76.5	5958	1061
PI 491484	8.0	2.7	56.7	97.3	21.9	94.4	4819	638
California Black Eye 46	9.0	3.0	71.0	112.7	21.0	164.5	2764	1126
Grey Speckled Palapye	8.0	2.7	69.0	90.7	17.3	119.8	3791	717
Iron and Clay	8.7	2.7	.	.	27.2	.	.	.
Minnesota	9.0	2.7	52.3	86.3	16.4	133.9	3391	782
Sunapee	9.0	1.7	52.3	84.3	15.9	117.6	3901	634
Mean	8.4	2.8	59.6	90.8	18.9	112.7	4448	839
C.V. (%)	14.9	36.1	6	1.9	10.3	6.2	5.9	22.2
LSD 0.10	1.7	1.4	4.9	2.4	2.7	9.7	360	257

**Planting Date = June 7; Harvest Date = September 12 and October 3; Previous Crop = Emmer**

<sup>1</sup> Vigor rating: 1 = worst and 5 = best