

**2020 Public Field Pea Variety Trial at Minot**

Variety	Days to	Days to	Vine	Pod	Seed	1000	Seeds/	Test	Seed	Significant Difference <sup>4</sup>
	Flower	Maturity	Length	Height	Protein	Seed	Pound	Weight	Yield	
	DAP <sup>1</sup>	DAP <sup>1</sup>	cm	cm	% <sup>2</sup>	g	#	lb/bu	bu/A <sup>3</sup>	
<b>Yellow Cotyledon</b>										
AAC Asher	50	81	39	35	26.1	312	1456	66.7	28.6	A
AAC Carver	48	77	50	44	25.0	287	1580	66.4	27.4	A
Agassiz	46	78	51	46	24.6	262	1734	66.3	27.3	A
CDC Spectrum	49	80	50	45	26.0	268	1695	66.5	26.4	A
CDC Saffron	49	78	43	41	25.8	262	1728	67.1	26.3	A
AAC Chrome	50	80	43	37	25.3	297	1527	66.7	26.3	B
CDC Amarillo	51	80	51	45	26.6	263	1727	66.5	26.1	B
CDC Inca	50	78	50	44	24.8	260	1747	66.7	25.5	B
AAC Profit	50	78	49	44	26.0	271	1674	66.6	25.4	B
Jetset	47	75	46	42	25.2	257	1764	66.5	24.8	B
Durwood	47	78	51	45	26.6	266	1709	66.9	24.3	B
Mystique	48	77	47	43	26.1	291	1563	66.1	24.1	B
DS Admiral	47	77	44	42	25.6	281	1612	67.2	23.9	C
Salamanca	47	76	48	44	27.2	288	1572	66.0	23.5	C
Majestic	47	77	49	44	26.7	289	1573	65.9	23.1	C
Hyline	47	78	43	38	25.2	265	1712	66.9	23.1	C
Orchestra	46	77	46	42	27.1	304	1492	66.5	22.8	C
DL Apollo	47	76	50	47	25.4	247	1842	67.1	22.6	C
LG Equator	45	76	45	40	25.4	251	1806	67.1	22.3	C
CDC Dakota	52	78	49	46	28.9	227	1997	66.9	22.3	C
Peregrine	43	76	38	35	25.3	265	1713	67.0	22.1	C
LG Stunner <sup>5</sup>	48	79	46	42	26.0	276	1644	67.2	21.6	D
ND Dawn	47	77	44	41	24.0	259	1753	65.5	21.4	D
Cronos	44	75	45	42	27.5	321	1410	65.7	20.7	D
LG Sunrise	45	76	47	40	24.4	260	1744	67.3	19.8	D
Korando	43	74	45	39	27.7	294	1542	66.0	19.8	D
Nette 2010	47	77	41	39	25.7	272	1670	66.7	19.6	D
Kite	45	77	36	31	25.9	269	1691	66.2	18.7	D
Trial Mean	47	77	46	42	25.8	268	1706	66.5	23.2	
C.V. %	4.6	2.4	10.8	10.4	4.37	9.2	9.2	0.85	12.72	
LSD 5%	0.8	1.3	3.4	2.6	0.34	4.6	30.7	0.34	2.29	

<sup>1</sup> Days after planting<sup>2</sup> Protein adjusted to 0% moisture<sup>3</sup> Yield adjusted to 13.5% moisture<sup>4</sup> Seed yields within a market class with different letters are significantly ( $p < 0.05$ ) different<sup>5</sup> LG Stunner, variety name pending. Was tested as LGPN 4915

Planting date: 5/8/2020

Harvest date: 8/3/2020

Previous Crop: Flax

Tillage: Minimal Tillage

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**2020 Public Field Pea Variety Trial at Minot Continued**

<b>Green Cotyledon</b>										
ND-G1 <sup>6</sup>	51	79	52	47	24.6	230	1974	66.7	25.8	A
Shamrock	50	78	47	43	25.6	278	1633	66.8	25.6	A
Arcadia	47	77	43	38	24.5	243	1872	66.5	25.4	A
AAC Comfort	52	81	43	39	25.8	305	1493	65.9	25.0	A
CDC Greenwater	49	80	48	42	25.6	272	1669	66.0	23.7	A
Empire	49	78	62	54	25.3	256	1772	67.7	23.1	B
Daytona	48	77	50	46	26.9	317	1428	65.9	23.0	B
Hampton	47	78	37	34	28.2	265	1712	65.6	22.0	B
CDC Striker	49	77	44	40	27.7	267	1697	67.3	21.3	B
Greenwood	46	75	40	37	25.5	220	2076	66.7	20.5	C
Bluemoon	48	78	41	39	26.3	284	1601	66.0	20.4	C
Viper	44	75	46	43	26.3	270	1684	65.9	19.4	C
Aragorn	45	75	41	36	26.1	231	1962	65.4	18.5	D
Trial Mean	47	77	46	42	25.8	268	1706	66.5	23.2	
C.V. %	4.6	2.4	10.8	10.4	4.37	9.2	9.2	0.85	12.72	
LSD 5%	0.8	1.3	3.4	2.6	0.34	4.6	30.7	0.34	2.29	

<sup>1</sup> Days after planting<sup>2</sup> Protein adjusted to 0% moisture<sup>3</sup> Yield adjusted to 13.5% moisture<sup>4</sup> Seed yields within a market class with different letters are significantly ( $p < 0.05$ ) different<sup>6</sup> NDSU advanced breeding line

Planting date: 5/8/2020

Harvest date: 8/3/2020

Previous Crop: Flax

Tillage: Minimal Tillage

Note : No significant differences observed for lodging. All plots maintained upright habit throughout the season.