

# FIELD PEA – YELLOW

Variety	Area:										Agronomic Characteristics:				Disease Tolerance: <sup>4</sup>						
	Overall Yield	Overall Station Years of Testing	1		2		3		4		5		Maturity Rating <sup>1</sup>	Vine Length (cm)	TSW <sup>2</sup> (g)	Standability <sup>3</sup> (1 - 9)	Mycosphae-rella Blight	Fusarium Wilt	Seed Coat Breakage	Seed Coat Dimpling <sup>5</sup>	Green Seed Coat <sup>6</sup>
			Yield (%)	Site Years	Yield (%)	Site Years	Yield (%)	Site Years	Yield (%)	Site Years	Yield (%)	Site Years									
<b>Varieties tested in the 2018 trials (Yield and agronomic data only directly comparable to CDC Amarillo)</b>																					
<b>CDC Amarillo (kg/ha)</b>	<b>5277</b>		<b>3842</b>		<b>4674</b>		<b>6866</b>		<b>5394</b>		<b>6471</b>										
<b>CDC Amarillo</b>	<b>100</b>	<b>106</b>	<b>100</b>	<b>18</b>	<b>100</b>	<b>30</b>	<b>100</b>	<b>17</b>	<b>100</b>	<b>25</b>	<b>100</b>	<b>16</b>	<b>M</b>	<b>81</b>	<b>227</b>	<b>2.4</b>	<b>F</b>	<b>G</b>	<b>F</b>	<b>F</b>	<b>G</b>
AAC Barrhead ☞	99	43	96	7	96	10	98	8	103	11	98	7	E	82	233	2.5	F	F	G	G	XX
AAC Carver ☉	105+	43	105	7	103	10	104	8	108+	11	103	7	E	84	243	2.9	F	F	G	G	G
AAC Chrome ▲	110+	29	116+	5	110+	8	108	5	108	6	105	5	M - L	72	240	2.9	F	P	G	F	G
AAC Lacombe ☞	104+	76	106+	13	101	23	106+	10	105+	20	102	10	M	76	258	2.2	F	P	G	F	G
CDC Athabasca ☉	95-	29	92	5	94	8	99	5	95	6	91-	5	M	80	284	2	F	F	F	F	G
CDC Canary ☉	104	29	106	5	104	8	98	5	101	6	101	5	E	80	241	2.6	F	F	G	F	G
CDC Inca ☉	104	43	101	7	97	10	110+	8	103	12	101	6	M	79	231	2.1	F	F	G	G	F
CDC Lewochko (A) ▲	106	15	102	2	98	4	104	3	100	3	105	3	M	89	233	1.6	F	F	G	G	G
CDC Meadow	97-	92	98	15	100	26	90-	13	96-	25	94-	13	M	81	205	3.6	F	F	G	G	G
CDC Spectrum ☉	106+	29	103	5	99	8	106+	5	100	6	109+	5	M	78	242	2.1	F	F	G	G	F
<b>Previously tested varieties</b>																					
AAC Peace River	92-	49	89-	8	94	15	90	5	97	16	82	5	VE	68	217	3.8	F	F	F	G	G
Abarth ☉	98-	49	101	8	104	16	83-	5	94	14	102	6	M	77	249	3.6	F	F	F	G	G
LN4228 ☉	93-	45	90-	8	94	11	89	7	95	14	97	5	M	69	254	2.1	F	F	F	F	G
<b>Varieties tested in 2012 - 2014 (Yield and agronomic data only directly compared to CDC Meadow)</b>																					
<b>CDC Meadow (kg/ha)</b>	<b>4982</b>		<b>3793</b>		<b>4567</b>		<b>6266</b>		<b>5189</b>		<b>5175</b>										
<b>CDC Meadow</b>	<b>100</b>		<b>100</b>		<b>100</b>		<b>100</b>		<b>100</b>		<b>100</b>		<b>M</b>	<b>81</b>	<b>207</b>	<b>3.6</b>	<b>F</b>	<b>F</b>	<b>G</b>	<b>G</b>	<b>G</b>
CDC Saffron	103	47	110	8	104	15	99	5	101	13	99	6	M	84	236	4.3	F	F	G	F	G
Hugo ☞	93-	47	104	7	92	13	92	6	96	14	75-	7	M	73	210	5.2	F	F	G	F	F
Stella ☞ NR F	80-	45	75-	7	81-	13	83-	6	80-	12	80-	7	M	95	213	3.9	F	F	G	G	F
<b>Varieties tested in 2003 - 2011 (Yield and agronomic data only directly comparable to Cutlass)</b>																					
<b>Cutlass (kg/ha)</b>	<b>4485</b>		<b>3388</b>		<b>4267</b>		<b>5111</b>		<b>4816</b>		<b>3718</b>										
<b>Cutlass †</b>	<b>100</b>		<b>100</b>		<b>100</b>		<b>100</b>		<b>100</b>		<b>100</b>		<b>M</b>	<b>71</b>	<b>228</b>	<b>4.1</b>	<b>F</b>	<b>F</b>	<b>F</b>	<b>F</b>	<b>G</b>
Agassiz☞	103	43	99	5	102	8	100	6	104	19	106	5	M	77	237	2.9	F	F	G	VG	G
CDC Hornet	107+	43	99	6	111+	11	106+	6	102	13	119	7	M	89	215	3.7	F	F	F	F	G
CDC Prosper	97-	44	90	4	98	9	93-	6	99	18	97	7	E	73	150	3.9	F	G	G	F	G
CDC Treasure	100	44	96	4	104	9	96	6	100	18	105	7	E	80	217	3.4	F	F	G	F	F
Thunderbird	97	37	88	5	99	8	98	6	98	13	102	5	M	76	229	2.1	F	F	G	VG	XX
<b>Varieties tested in 2000 - 2005 (Yield and agronomic data only directly comparable to Carrera)</b>																					
<b>Carrera (kg/ha)</b>	<b>4126</b>		<b>2913</b>		<b>2779</b>		<b>5248</b>		<b>4681</b>		<b>4016</b>										
<b>Carrera</b>	<b>100</b>		<b>100</b>		<b>100</b>		<b>100</b>		<b>100</b>		<b>100</b>		<b>E</b>	<b>54</b>	<b>257</b>	<b>4.7</b>	<b>P</b>	<b>F</b>	<b>F</b>	<b>G</b>	<b>XX</b>
CDC Golden	105	36	99	5	109	12	99	7	105	11	XX	XX	M	70	223	3.5	F	F	G	G	G

**Remarks:** Stella is a silage type pea. All the yellow pea varieties listed in the table are Powdery Mildew resistant except Carrera that is susceptible. ▲ = Applied for Plant Breeder's Rights protection (PBR). ☞ = Protected by PBR (UPOV 78). ☉ = Protected by PBR (UPOV 91), A = First year entries (2018). NR = Variety not registered with CFIA. F = Forage type. XX = Insufficient data to describe. LGPN 4903 removed from the table.

<sup>1</sup>Maturity: E = early, M = medium, L = Late; <sup>2</sup>Thousand Seed Weight: g; <sup>3</sup>Standability: 1 = erect, 9 = flat; <sup>4</sup>Tolerance to: P = poor, F = fair, G = good, VG = very good; <sup>5</sup>Seed Coat Dimpling: VG = very good (0 - 5%), G = good (6 - 20%), F = fair (21 - 50%); <sup>6</sup>Green Seed Coat: G = good (0 - 10%), F = fair (11 - 25%).