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AAFC, the BC Ministry of Agriculture, IAF and WGRF are committed to working with industry partners. Opinions expressed in this document are those of the BC Grain Producers Association and not necessarily those of AAFC, the Ministry of Agriculture IAF or WGRF.

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# FIELD PEA

Field Pea (Green Seed)		Yield as % of CDC Patrick									
Variety	**Designated	Dawson Creek			Fort St. John				B.C. Peace		
	Powdery	2014 Yield		2009-2014	2014 Yield		2009-2014	2014	2009-2014		
	Mildew	bu /	% of	Avg. Stn.	bu /	% of	Avg. Stn.	Avg.	Avg.	Stn.	
	Resistant	acre	check	(%) Yrs.	acre	check	(%) Yrs.	(%)	(%)	(%) Yrs.	
<i>CDC Greenwater</i> *		56	97	97 [1]	62	92	92 [1]	95	95	[2]	
CDC Limerick	VG	49	84	90 [3]	58	86	96 [3]	85	93	[6]	
<b>CDC Patrick</b>	VG	58	100	100 [6]	67	100	100 [6]	100	100	[12]	
CDC Pluto	VG	52	90	103 [4]	44	66	91 [4]	78	97	[8]	
CDC Raezer	VG	51	89	102 [4]	45	67	89 [4]	78	95	[8]	
Cooper	VG	54	93	101 [6]	52	77	98 [6]	85	99	[12]	
Cutlass	VG	59	102	104 [6]	51	76	101 [6]	89	103	[12]	
MP1867 Δ	VG	51	88	92 [4]	49	73	84 [4]	81	88	[8]	
MP1880 Δ	VG	60	103	105 [3]	47	70	92 [3]	86	98	[6]	

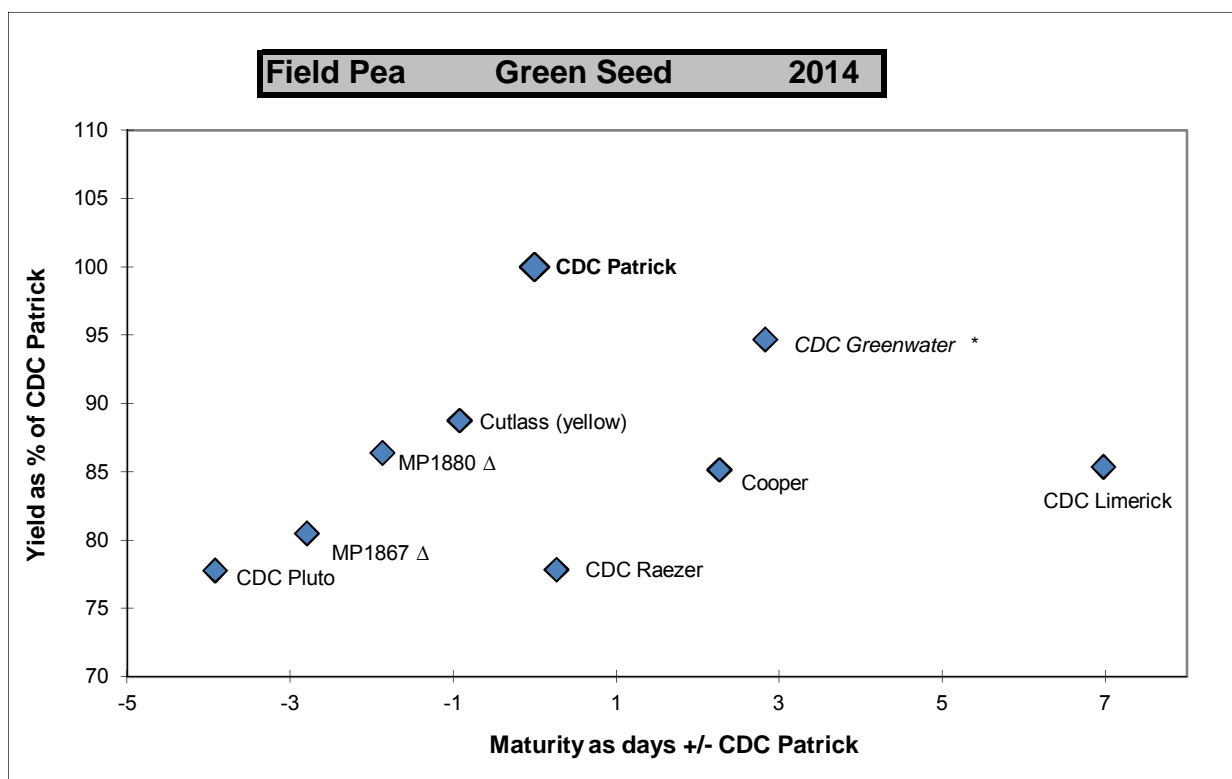
Δ denotes materials not registered

**CDC Patrick - check variety**

\* first year tested, very limited data available

\*\*Powdery Mildew resistance VG=Very Good, F=Fair, P=Poor (data: Alberta Agdex 100/32)

Data above is composed of two trials per site. Coefficient of Variance (CV) values in 2014 for original raw yield data is: DC = 6.5%, 9.1%; FSJ = 3.6%, 10.6%.



Average maturity for **CDC Patrick** is **101** days for **2014**

Field Pea (Yellow Seed)		Yield as % of CDC Meadow									
Variety	**Designated	Dawson Creek			Fort St. John				B.C. Peace		
	Powdery	2014 Yield		2009-2014		2014 Yield		2009-2014		2014	2009-2014
	Mildew	bu /	% of	Avg. Stn.	bu /	% of	Avg. Stn.	Avg. Stn.	Avg. Stn.	Avg. Stn.	
	Resistant	acre	check	(%) Yrs.	acre	check	(%) Yrs.	(%)	(%)	(%)	
AAC Lacombe	VG	62	109	117 [2]	69	116	115 [2]	112	116	[4]	
AAC Peace River	VG	57	100	97 [5]	60	101	103 [5]	101	100	[10]	
Abarth	VG	54	95	103 [3]	58	98	102 [3]	97	103	[6]	
Agassiz	VG	52	92	100 [6]	59	100	101 [6]	96	100	[12]	
Argus	VG	52	91	95 [5]	56	94	100 [5]	93	97	[10]	
CDC Amarillo	VG	58	102	104 [3]	65	110	109 [3]	106	107	[6]	
CDC Meadow	VG	57	100	100 [6]	59	100	100 [6]	100	100	[12]	
CDC Treasure	VG	53	93	96 [6]	60	102	99 [6]	97	97	[12]	
CM3404 * Δ		61	106	106 [1]	64	109	109 [1]	107	107	[2]	
Cutlass	VG	56	99	98 [6]	62	105	98 [6]	102	98	[12]	
Earlstar	VG	59	103	103 [3]	62	104	105 [3]	104	104	[6]	
LN4228 *		52	91	91 [1]	52	87	87 [1]	89	89	[2]	
MP1920 Δ	VG	54	95	105 [2]	67	113	117 [2]	104	111	[4]	

Δ denotes materials not registered

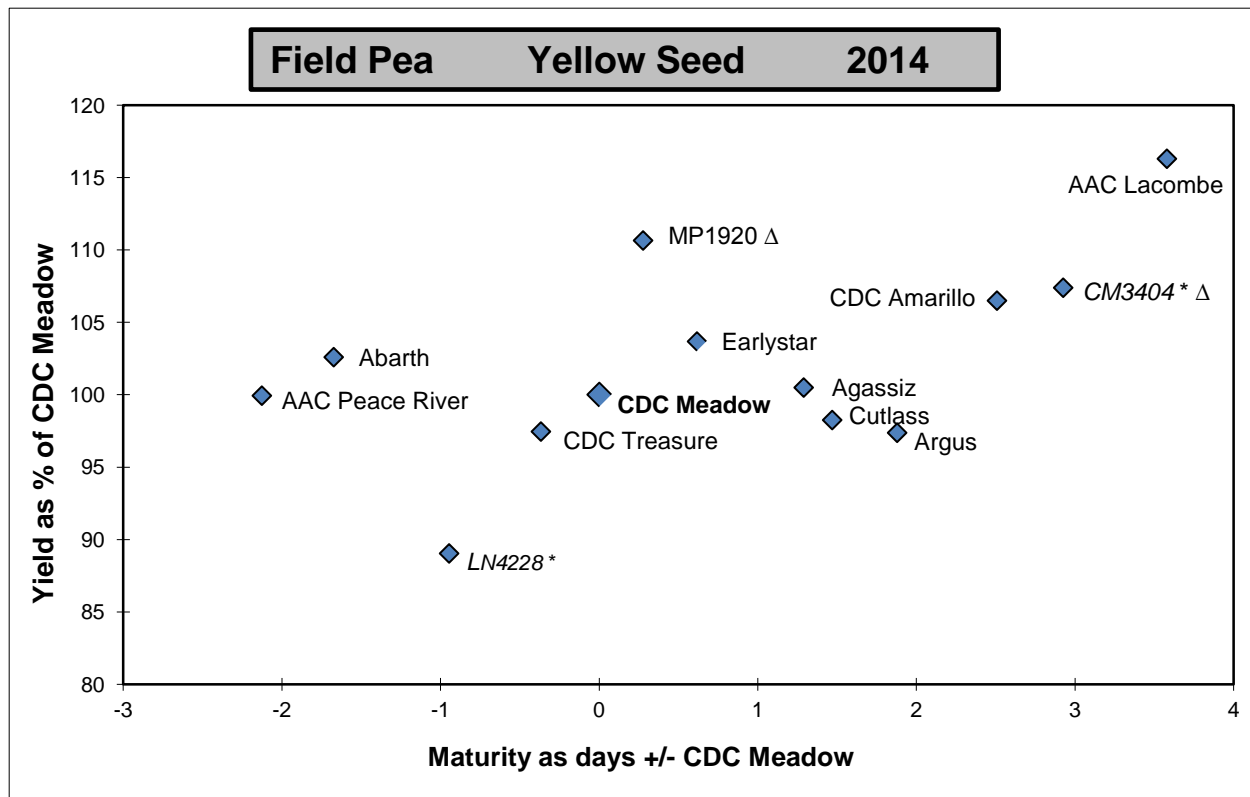
\* first year tested, very limited data available

\*\*Powdery Mildew resistance: VG=Very Good, F=Fair, P=Poor (data: Alberta Agdex 100/32)

Data above is composed of two trials per site. Coefficient of Variance (CV) values in 2014

for original raw yield data is: DC = 4.56%, 11.37%; FSJ = 5.52%, 4.28%.

**CDC Meadow - check variety**



Average maturity for **CDC Meadow** is **98** days for **2014**

# Field Pea

# Variety Descriptions

BC Peace Averages 2009-2014

Variety	Maturity	Vine	Lodging	TKW	Distributor
	as days +/- check	Length cm			
<b>Yellow Seed</b>					
■ AAC Lacombe	3.6	82	1	263	Seednet Inc.
AAC Peace River	-2.1	76	1	227	Hadland Seed Farms
■ Abarth	-1.7	72	1	266	FP Genetics
■ Agassiz	1.3	90	3	238	Canterra Seeds
■ Argus	1.9	73	1	238	SeCan
CDC Amarillo	2.5	76	1	232	Sask Pulse Growers
<b>CDC Meadow</b>	0.0	75	3	219	Sask Pulse Growers
CDC Treasure	-0.4	77	2	219	Sask Pulse Growers
CM3404 * Δ	2.9	64		300	Limagrain, UK
Cutlass	1.5	66	3	232	Sask Pulse Growers
■ Earlystar	0.6	81	1	241	Canterra Seeds
LN4228 *	-0.9	56		275	Lindholm Seed Farm
MP1920 Δ	0.3	81	1	239	AAFC Lacombe
<b>Green Seed</b>					
CDC Greenwater *	2.8	53		258	Sask Pulse Growers
CDC Limerick	3.1	73	1	220	Sask Pulse Growers
<b>CDC Patrick</b>	0.0	72	2	199	Sask Pulse Growers
CDC Pluto	-5.7	76	1	180	Sask Pulse Growers
CDC Raezer	-2.6	84	1	239	Sask Pulse Growers
■ Cooper	3.0	64	2	291	Canterra Seeds
Cutlass	-1.4	64	3	232	Sask Pulse Growers
MP1867 Δ	-4.6	79	1	225	AAFC-Lacombe
MP1880 Δ	0.5	66	1	271	AAFC-Lacombe

Some varieties may not be suitable for the human consumption market. Producers should contact their intended buyer/processor before seeding to ensure the marketability of specific varieties. Many green seeded varieties will bleach if exposed to periods of wetting and drying in the field near harvest. Uncleaned and damaged seed is considered to be low quality and is only suitable for the feed market. The amount of seed coat damage suffered during harvest varies with variety. Splitting may be reduced if peas are harvested tough ( 20% moisture ) & dried slowly in an aeration bin.

Lodging data is becoming important criteria when selecting peas for our area, as peas still standing at harvest stand a better chance of escaping excretia contamination from large wildlife, especially if harvested as direct-cut. Note that due to variability of lodging, numbers averaged tend to be lower than can occur in a given year.

Overall average maturity for **CDC Meadow** is 98 days, and 101 days for **CDC Patrick**.

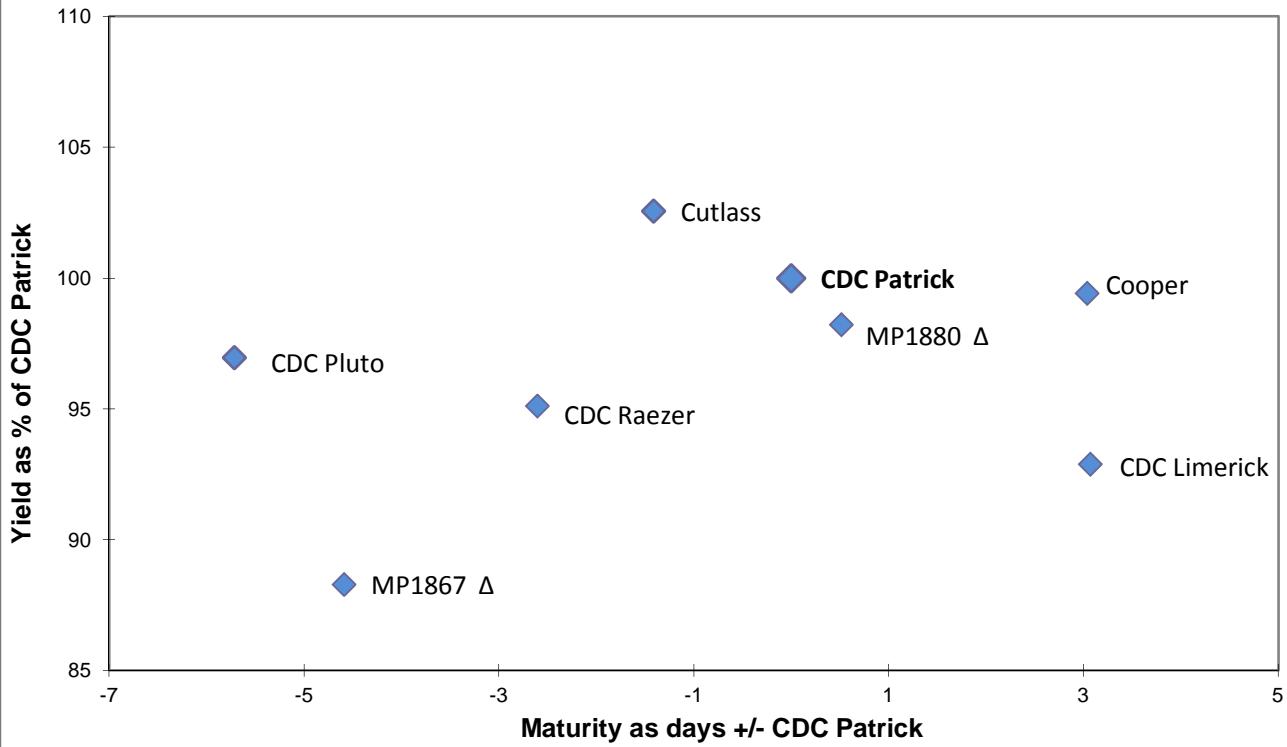
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\* first year tested, very limited data available

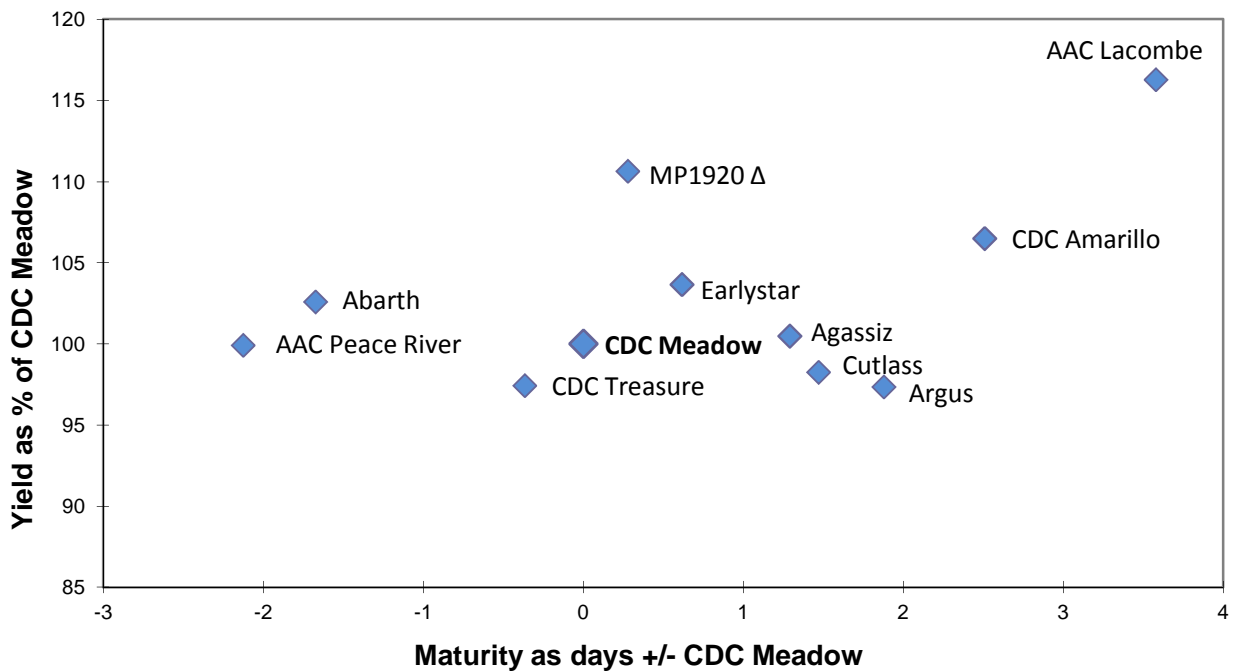
\*\* 1 - 9 scale; 1 = none, 9 = 100% affected

**Field Pea Green Seed 2009-2014**



Overall average maturity for **CDC Patrick** is 101 days

**Field Pea Yellow Seed 2009-2014**



Overall average maturity for **CDC Meadow** is 98 days