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FIELD PEA

Field Pea (Green Seed)		Yield as % of Cooper								
Variety	**Designated	Dawson Creek			Fort St. John			B.C. Peace		
	Powdery Mildew Resistant	2013 Yield		2008-2013	2013 Yield		2008-2013	2013	2008-2013	
		bu / acre	% of check	Avg. Stn. (%) Yrs.	bu / acre	% of check	Avg. Stn. (%) Yrs.	Avg. (%)	Avg. (%)	Stn. Yrs.
CDC Limerick	VG	92 ab	125	97 [2]	112 a	97	96 [2]	111	96	[4]
CDC Patrick	VG	83 bc	112	98 [6]	104 a	90	100 [6]	101	99	[12]
CDC Pluto	VG	88 abc	119	107 [3]	104 a	90	96 [3]	105	101	[6]
CDC Raezer	VG	89 abc	121	106 [3]	109 a	95	92 [3]	108	99	[6]
CDC Striker	P	97 a	132	94 [6]	109 a	95	90 [6]	113	92	[12]
CDC Tetris	VG	89 abc	121	106 [3]	109 a	94	97 [3]	108	101	[6]
Cooper	VG	74 d	100	100 [6]	115 a	100	100 [6]	100	100	[12]
Cutlass	VG	81 c	109	101 [6]	108 a	94	104 [6]	102	103	[12]
MP1867 Δ	VG	83 bc	112	97 [3]	89 b	77	87 [3]	95	92	[6]
MP1880 Δ	VG	84 bc	114	109 [2]	112 a	97	96 [2]	106	103	[4]
LSD (P=.05) =		6.60			7.13					
CV value (%) =		5.30			4.59					

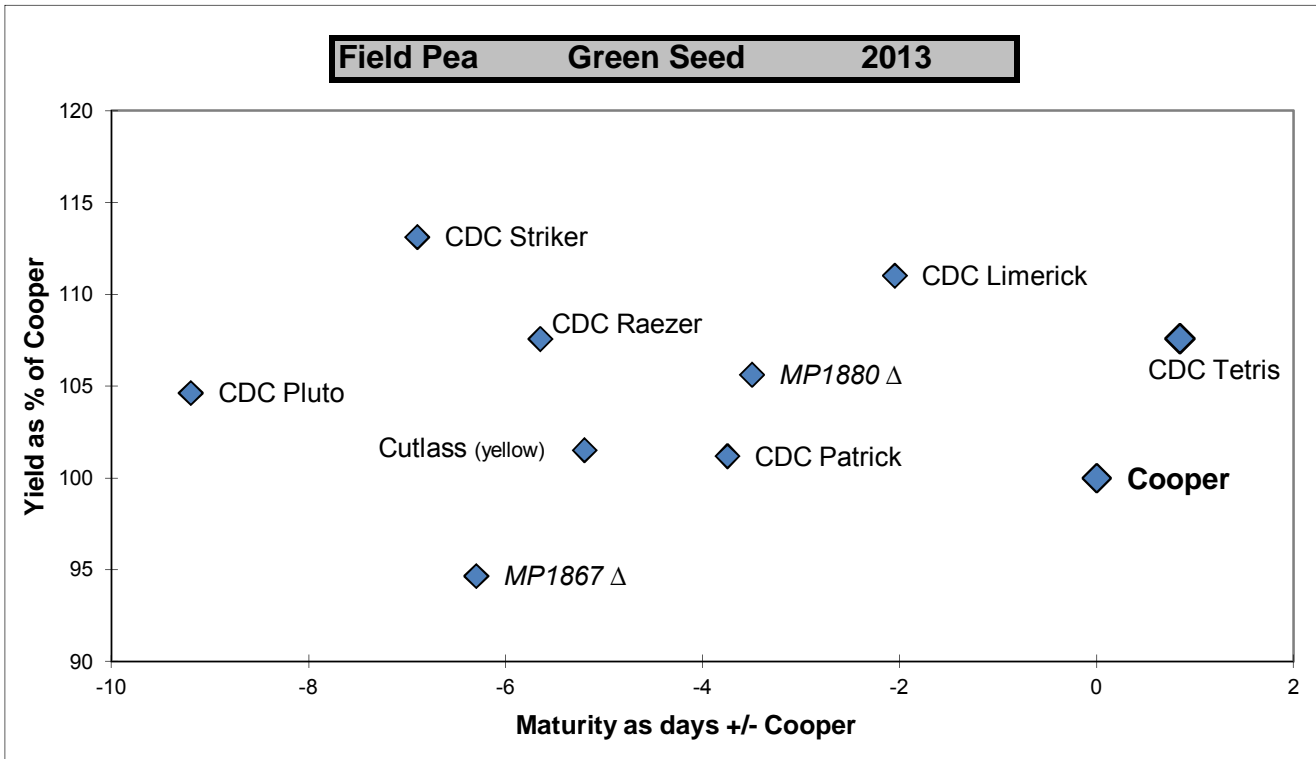
Means followed by the same letter do not significantly differ (P=.05, LSD)

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

Δ denotes materials not registered

* first year tested, very limited data available

Cooper - check variety



Average maturity for **Cooper** is 114 days for 2013

Variety		**Designated Powdery Mildew Resistant		Dawson Creek				Fort St. John				B.C. Peace		
				2013 Yield		2008-2013		2013 Yield		2008-2013		2013	2008-2013	
		bu / acre	% of check	Avg. (%)	Stn. Yrs.	bu / acre	% of check	Avg. (%)	Stn. Yrs.	Avg. (%)	Avg. (%)	Stn. Yrs.		
AAC Lacombe *		VG	106 a	138	138 [1]	122 ab	115	115 [1]	127	127 [2]				
AAC Peace River		VG	78 gh	102	100 [4]	110 cde	104	111 [4]	103	105 [8]				
Abarth		VG	88 def	115	110 [2]	120 ab	114	104 [2]	114	107 [4]				
Agassiz		VG	89 de	116	104 [5]	109 cde	103	105 [6]	110	105 [11]				
Argus		VG	84 efg	110	100 [4]	110 cde	104	108 [4]	107	104 [8]				
Canstar		VG	82 fg	106	103 [5]	110 cde	104	106 [6]	105	105 [11]				
CDC Amarillo		VG	84 efg	110	108 [2]	121 ab	115	108 [2]	112	108 [4]				
CDC Golden		VG	74 h	96	95 [5]	108 de	102	96 [6]	99	95 [11]				
CDC Meadow		VG	84 efg	109	102 [5]	107 e	101	102 [6]	105	102 [11]				
CDC Prosper		VG	81 fg	106	100 [5]	97 f	92	96 [6]	99	98 [11]				
CDC Saffron		VG	92 cd	120	103 [3]	118 bcd	111	103 [3]	116	103 [6]				
CDC Treasure		VG	81 fg	106	99 [5]	113 b-e	107	101 [6]	106	100 [11]				
Cutlass		VG	77 gh	100	100 [5]	106 e	100	100 [6]	100	100 [11]				
Earlstar		VG	81 g	105	103 [2]	119 bc	112	107 [2]	108	105 [4]				
MP1918 *Δ		VG	101 b	131	131 [1]	114 b-e	108	108 [1]	119	119 [2]				
MP1920 *Δ		VG	96 bc	125	125 [1]	129 a	122	122 [1]	124	124 [2]				
LSD (P=.05) =		4.73				6.71								
CV value (%) =		3.84				4.15								

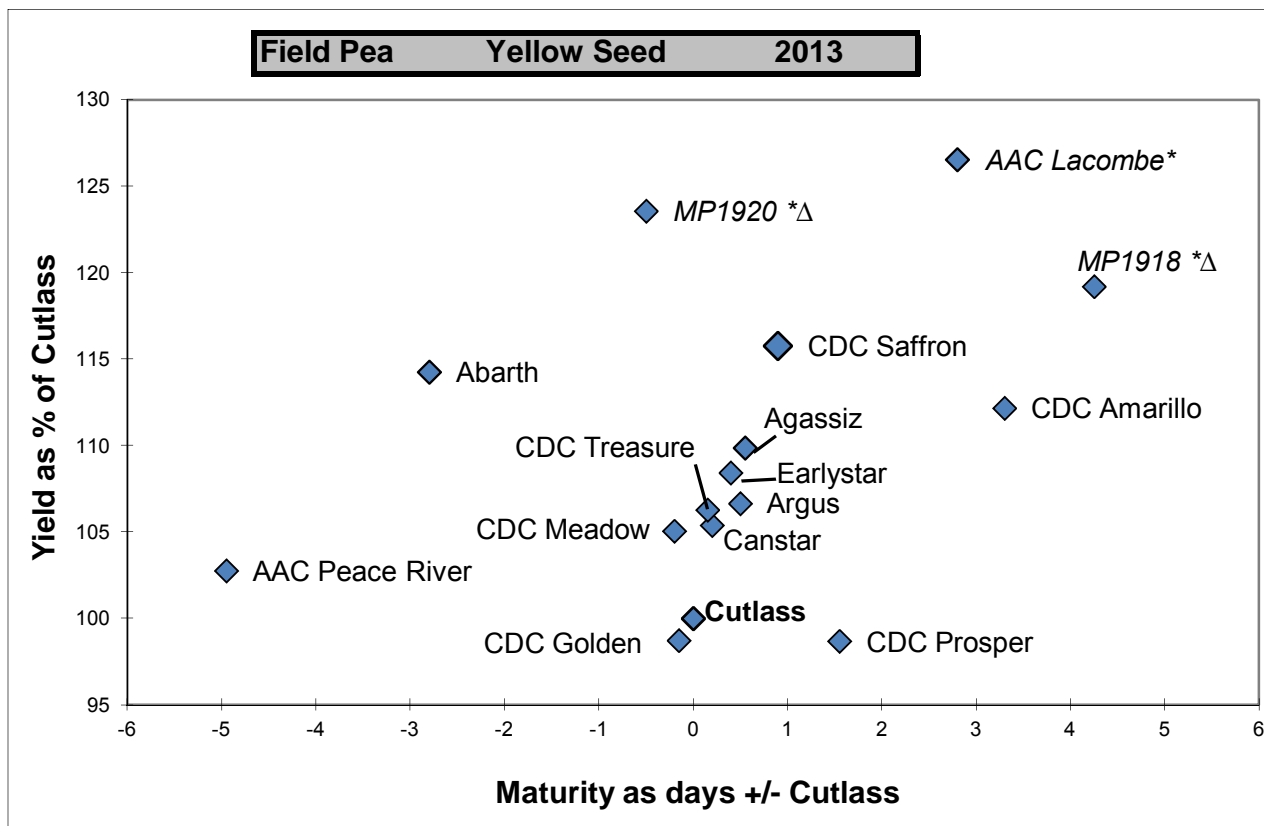
Means followed by the same letter do not significantly differ (P=.05, LSD)

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

Δ denotes materials not registered

* first year tested, very limited data available

Cutlass - check variety



Average maturity for **Cutlass** is **107** days for **2013**

Field Pea		BC Peace Averages 2008-2013				Variety Descriptions
Variety	Maturity	Vine	Lodging	TKW	Distributor	
	as days	Length				1-9**
	+/- check	cm				
Yellow Seed						
■ AAC Lacombe *	2.8	106	1	236	Seednet Inc.	
AAC Peace River	-3.8	80	1	219	Hadland Seed Farms	
■ Abarth	-1.7	81	1	252	FP Genetics	
■ Agassiz	-0.4	93	3	232	Canterra Seeds	
■ Argus	-0.1	77	1	229	SeCan	
■ Canstar	-0.5	73	3	255	Canseed (Canada) Ltd.	
CDC Amarillo	2.2	85	1	215	Sask Pulse Growers	
CDC Golden	-1.5	71	2	220	Sask Pulse Growers	
CDC Meadow	-1.4	77	3	214	Sask Pulse Growers	
CDC Prosper	-2.1	66	2	150	Sask Pulse Growers	
CDC Saffron	0.5	81	1	251	Sask Pulse Growers	
CDC Treasure	-1.9	78	2	216	Sask Pulse Growers	
Cutlass	0.0	68	3	228	Sask Pulse Growers	
■ Earlystar	-2.3	107	1	212	Canterra Seeds	
MP1918 *Δ	4.3	108	1	201	AAFC Lacombe	
MP1920 *Δ	-0.5	105	1	215	AAFC Lacombe	
Green Seed						
CDC Limerick	-1.5	81	1	210	Sask Pulse Growers	
CDC Patrick	-3.8	74	2	193	Sask Pulse Growers	
CDC Pluto	-10.6	86	1	177	Sask Pulse Growers	
CDC Raezer	-7.8	92	1	235	Sask Pulse Growers	
CDC Striker	-7.6	69	2	247	Sask Pulse Growers	
CDC Tetris	-2.0	95	1	224	Sask Pulse Growers	
■ Cooper	0.0	67	2	285	Canterra Seeds	
Cutlass	-6.2	66	3	228	Sask Pulse Growers	
MP1867 Δ	-9.1	86	1	218	AAFC-Lacombe	
MP1880 Δ	-4.0	81	1	263	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 **Cutlass** is **101** days, and **106** days for **Cooper**

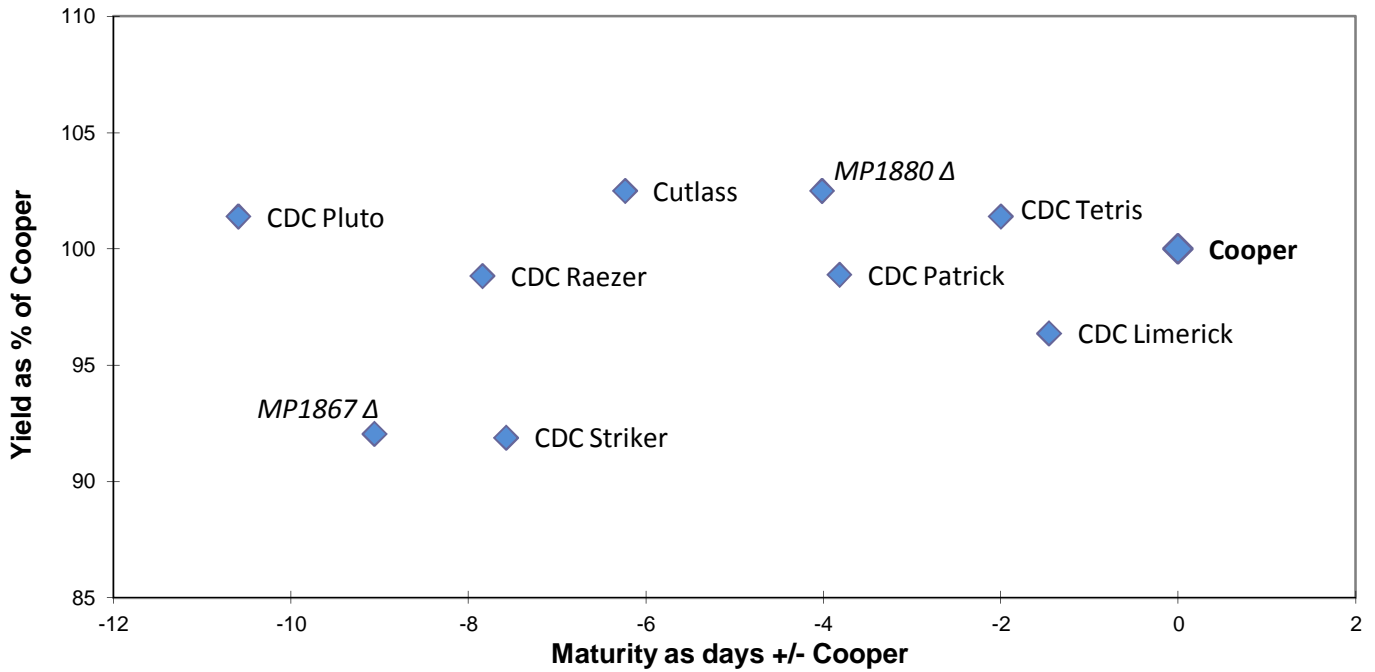
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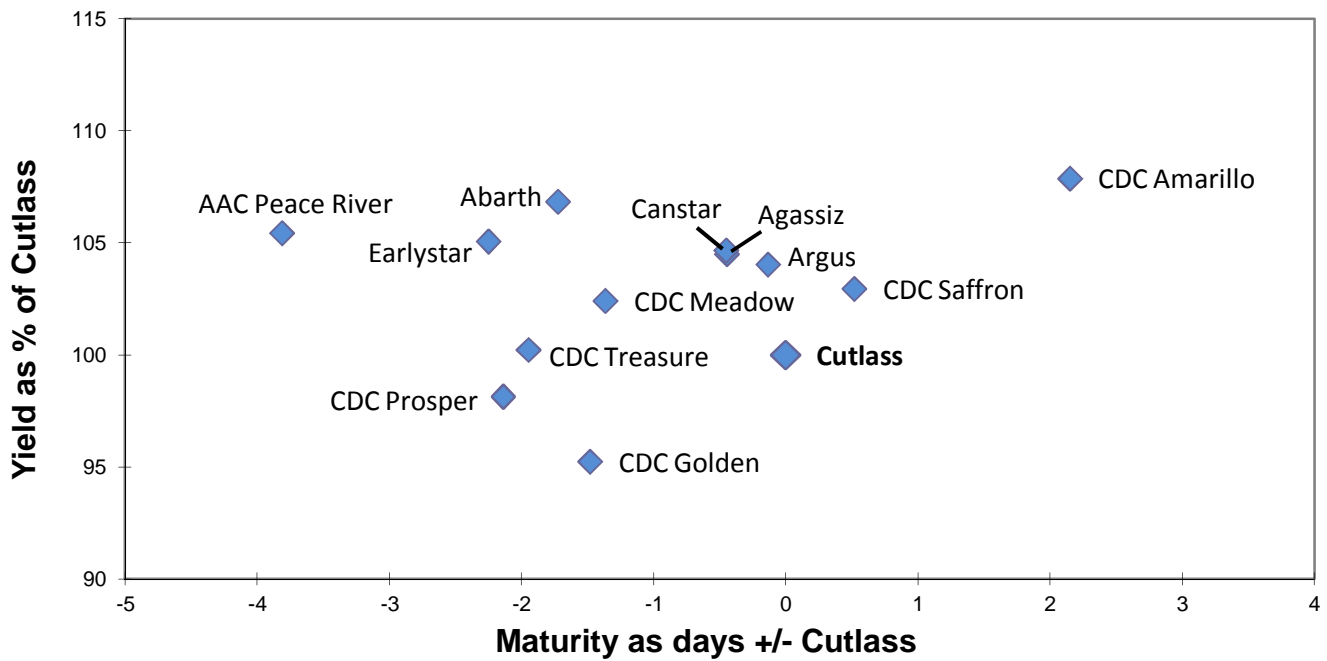
** 1 - 9 scale; 1 = none, 9 = 100% affected

Field Pea Green Seed 2008-2013



Overall average maturity for **Cooper** is 106 days

Field Pea Yellow Seed 2008-2013



Overall average maturity for **Cutlass** is 101 days