

## FIELD PEAS

Field Pea (Green Seed)		Yield as % of Nitouche										
Variety	**Designated	Dawson Creek				Fort St. John				B.C. Peace		
	Powdery	2009 Yield		2004-2009		2009 Yield		2004-2009		2009	2004-2009	
	Mildew Resistant	bus / acre	% of check	Avg. (%)	Stn. Yrs.	bus / acre	% of check	Avg. (%)	Stn. Yrs.	Avg. (%)	Avg. (%)	Stn. Yrs.
Camry	VG	82	b	117	97 [5]	54	a	103	103 [5]	110	100	[10]
CDC Patrick	VG	80	b	114	107 [2]	52	ab	99	113 [2]	107	110	[4]
CDC Striker	P	72	c	103	90 [5]	49	b	94	100 [5]	98	95	[10]
Cooper	VG	89	a	127	113 [5]	56	a	107	104 [5]	117	109	[10]
Cutlass ( <i>yellow</i> )	VG	82	b	116	107 [2]	55	a	106	114 [2]	111	110	[4]
Mendel	VG	79	b	112	106 [2]	53	a	103	110 [2]	107	108	[4]
<b>Nitouche</b>	<b>P</b>	<b>70</b>	<b>c</b>	<b>100</b>	<b>100 [5]</b>	<b>52</b>	<b>ab</b>	<b>100</b>	<b>100 [5]</b>	<b>100</b>	<b>100</b>	<b>[10]</b>
LSD (P=.05) =		4.12				3.10						
CV value (%) =		3.51				3.93						

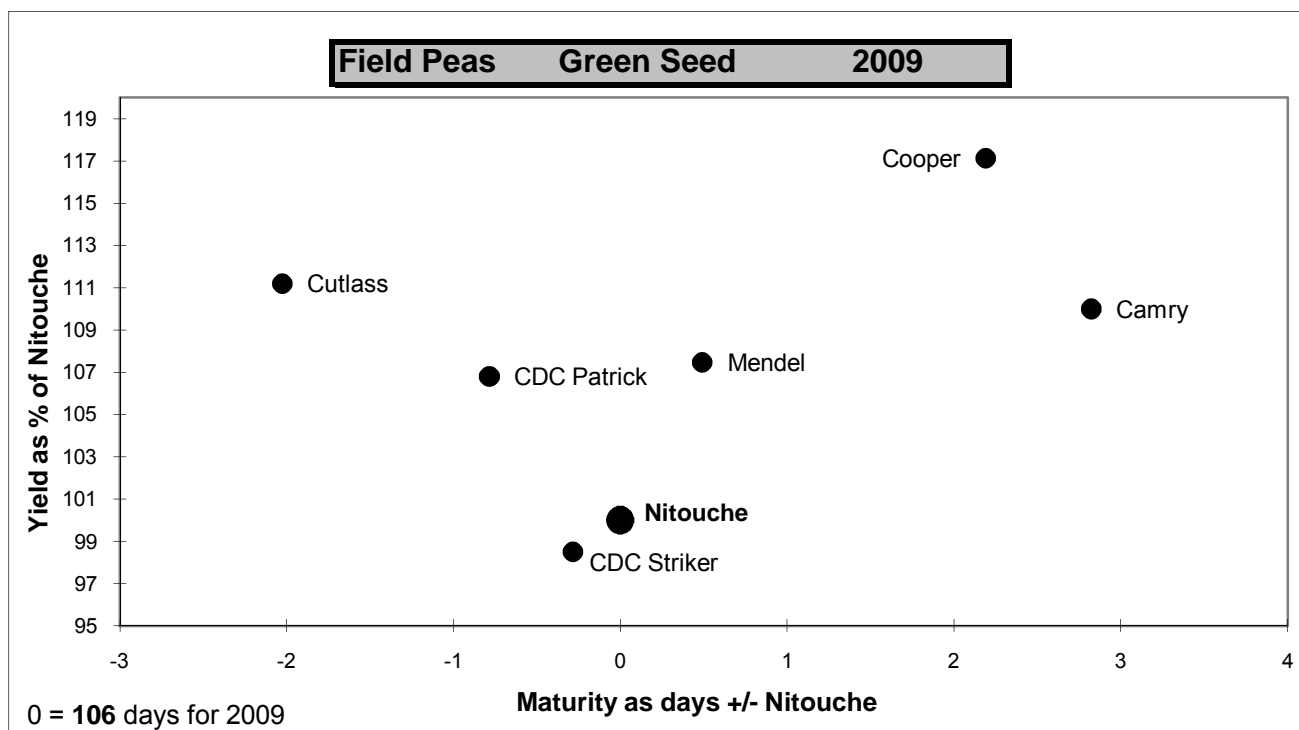
Means followed by the same letter do not significantly differ (P=.05, LSD)

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

△ denotes materials not registered, very limited data available

\* first year tested, very limited data available

**Nitouche - check variety**



Field Pea (Yellow Seed)		Yield as % of Cutlass												
Variety	**Designated	Dawson Creek						Fort St. John				B.C. Peace		
	Powdery	2009 Yield			2004-2009			2009 Yield		2004-2009		2009	2004-2009	
	Mildew	bus /	% of	Avg.	Stn.		bus /	% of	Avg.	Stn.	Avg.	Avg.	Stn.	
	Resistant	acre	check	(%)	Yrs.		acre	check	(%)	Yrs.	(%)	(%)	Yrs.	
Agassiz	VG	61	ab	102	107	[2]	57	ab	104	98	[3]	103	102	[5]
Canstar	VG	64	ab	107	107	[3]	55	ab	101	92	[4]	104	100	[7]
CDC 1749-8 Δ	VG	70	a	117	117	[1]	58	ab	106	106	[1]	111	111	[2]
CDC Bronco	VG	66	ab	109	107	[3]	54	ab	99	95	[4]	104	101	[7]
CDC Centennial	VG	66	ab	110	102	[3]	58	ab	105	95	[4]	108	98	[7]
CDC Golden	VG	58	ab	96	93	[4]	52	ab	94	94	[5]	95	93	[9]
CDC Meadow	VG	56	b	93	104	[4]	53	ab	96	98	[5]	95	101	[9]
CDC Prosper	VG	59	ab	98	98	[1]	54	ab	98	96	[2]	98	97	[3]
CDC Treasure	VG	57	ab	94	94	[1]	53	ab	96	98	[2]	95	96	[3]
<b>Cutlass</b>	<b>VG</b>	<b>60</b>	<b>ab</b>	<b>100</b>	<b>100</b>	<b>[5]</b>	<b>55</b>	<b>ab</b>	<b>100</b>	<b>100</b>	<b>[5]</b>	<b>100</b>	<b>100</b>	<b>[10]</b>
Eclipse	VG	61	ab	102	92	[4]	60	ab	109	97	[5]	105	95	[9]
Hugo	VG	69	ab	115	115	[1]	65	a	118	108	[2]	117	112	[3]
Polstead	VG	70	a	117	106	[3]	60	ab	109	96	[4]	113	101	[7]
Reward	VG	59	ab	99	103	[2]	49	b	90	91	[3]	94	97	[5]
SW MIDAS	VG	56	b	93	97	[4]	50	b	92	88	[5]	93	92	[9]
Thunderbird	VG	61	ab	102	106	[2]	53	ab	97	94	[3]	99	100	[5]
LSD (P=.05) =		7.75			8.16									
CV value (%) =		8.74			10.35									

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

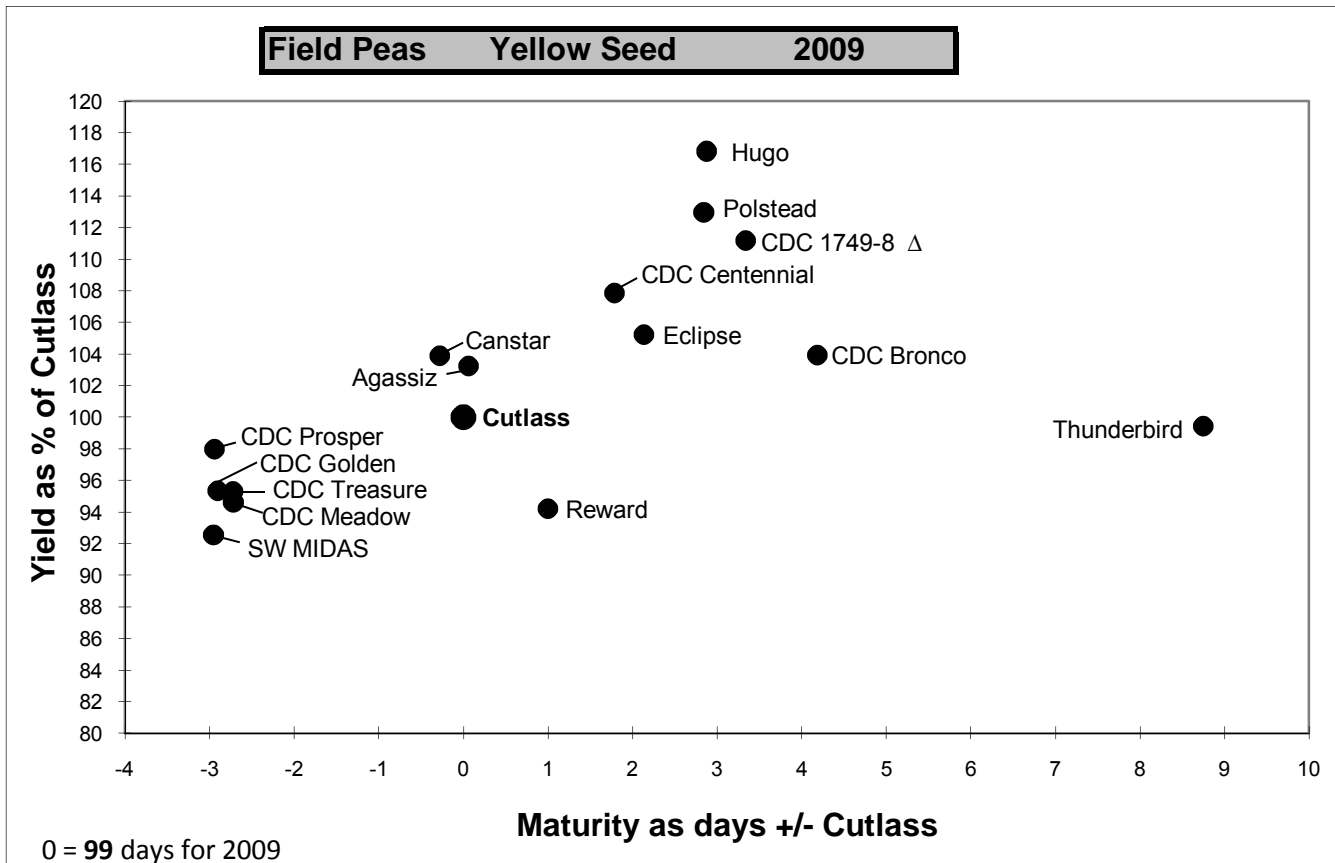
\* first year tested, very limited data available.

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

Δ denotes materials not registered, very limited data available

\* first year tested, very limited data available

**Cutlass - check variety**



## Field Peas

Variety	BC Peace Averages 2004-2009				Distributor
	Maturity	Vine	Lodging	1000 k	
	as days	Length			
+/- check	cm	1-9**	grams		
<b>Yellow Seed</b>					
■ Agassiz	2	72	2	258	Canterra Seeds
■ Canstar	2	64	2	274	Canseed (Canada) Ltd.
△ CDC 1749-8	3	70	1	245	Sask Pulse Growers
CDC Bronco	4	65	2	257	Sask Pulse Growers
CDC Centennial	3	52	2	308	Sask Pulse Growers
CDC Golden	-1	64	1	253	Sask Pulse Growers
CDC Meadow	1	67	2	232	Sask Pulse Growers
CDC Prosper	-3	66	1	173	Sask Pulse Growers
CDC Treasure	-3	67	1	234	Sask Pulse Growers
<b>Cutlass</b>	<b>0</b>	<b>61</b>	<b>2</b>	<b>263</b>	<b>Sask Pulse Growers</b>
■ Eclipse	4	57	1	281	FP Genetics
■ Hugo	4	54	2	262	FP Genetics
■ Polstead	4	52	1	283	FP Genetics
■ Reward	0	67	1	277	SeCan
■ SW MIDAS	-2	63	2	233	FP Genetics
■ Thunderbird	3	68	2	257	Canterra Seeds
<b>Green Seed</b>					
■ Camry	3	51	1	282	FP Genetics
CDC Patrick	-1	73	2	227	Sask Pulse Growers
CDC Striker	0	64	1	268	Sask Pulse Growers
■ Cooper	2	67	1	306	Canterra Seeds
Cutlass ( <i>yellow</i> )	-2	63	2	249	Sask Pulse Growers
■ Mendel	0	80	2	258	FP Genetics
■ <b>Nitouche</b>	<b>0</b>	<b>72</b>	<b>2</b>	<b>305</b>	<b>FP Genetics</b>

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 ecretia 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 **89** days, and **101** days for **Nitouche**.

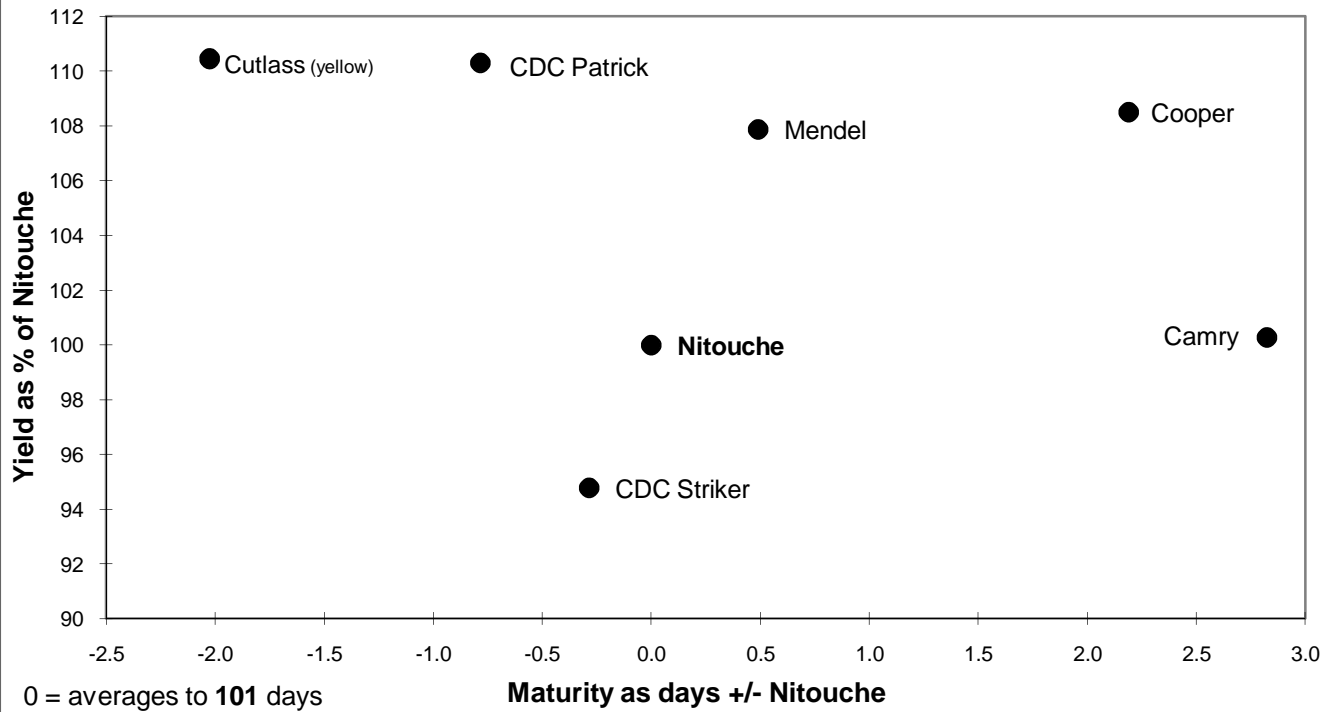
■ Protected by Plant Breeders' Rights

△ denotes materials not registered, very limited data available

\* first year tested, very limited data available

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

**Field Peas Green Seed 2004-2009**



**Field Peas Yellow Seed 2004-2009**

