

FIELD PEAS

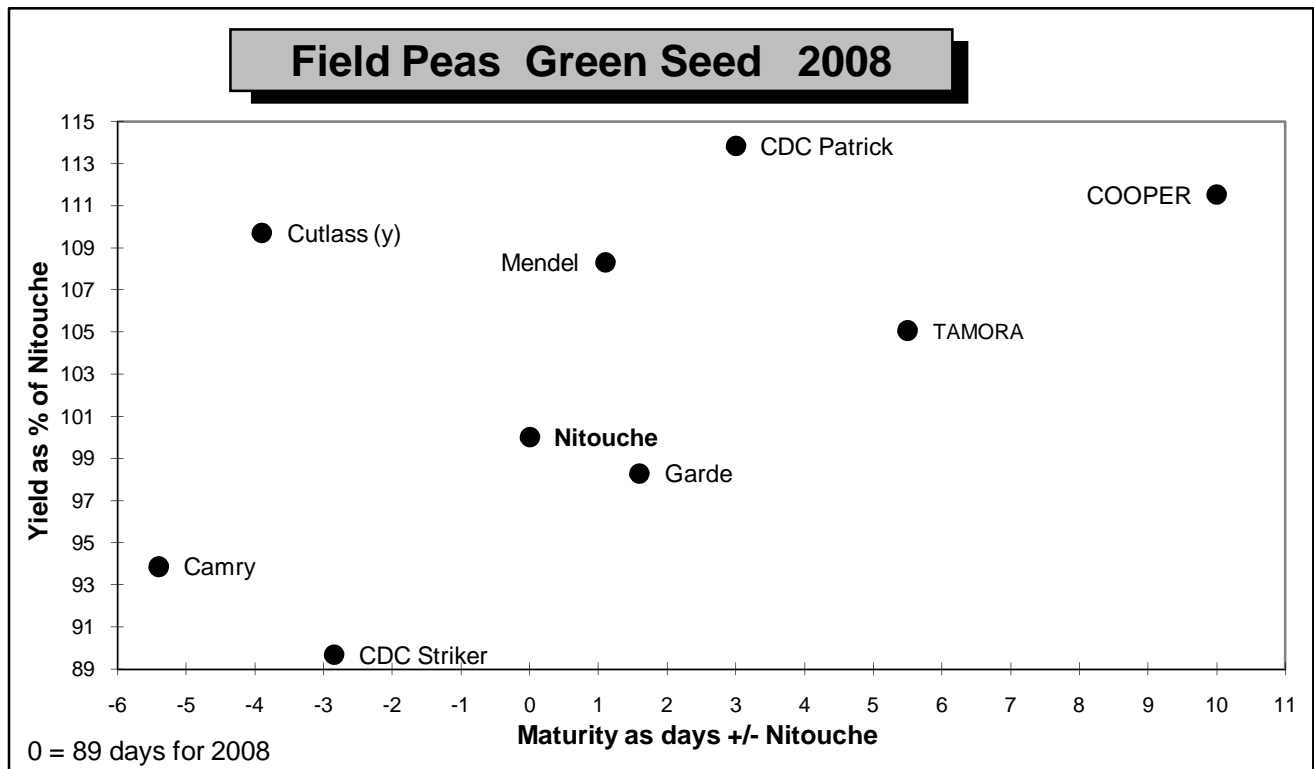
Field Pea (Green Seed)		Yield as % of Nitouche										
Variety	**Designated Powdery Mildew Resistant	Dawson Creek				Fort St. John				B.C. Peace		
		2008 Yield		2003-2008		2008 Yield		2003-2008		2008	2003-2008	
		bus / acre	% of check	Avg. Stn. (%) Yrs.		bus / acre	% of check	Avg. Stn. (%) Yrs.		Avg. (%)	Avg. (%)	Stn. Yrs.
Camry	VG	30 b	76	98 [4]	55 abc	112	105 [4]		94	102	[8]	
CDC Patrick *	VG	39 ab	101	101 [1]	63 a	127	127 [1]		114	114	[2]	
CDC Striker	P	33 ab	84	92 [5]	47 de	96	92 [5]		90	92	[10]	
COOPER	VG	42 a	109	111 [4]	56 abc	114	109 [4]		112	110	[8]	
Cutlass * (yellow)	VG	38 ab	97	97 [1]	60 ab	122	122 [1]		110	110	[2]	
Garde	P ***	40 ab	104	102 [2]	46 e	93	94 [2]		98	98	[4]	
Mendel *	XX	39 ab	99	99 [1]	58 ab	117	117 [1]		108	108	[2]	
Nitouche	P	39 ab	100	100 [5]	49 cde	100	100 [5]		100	100	[10]	
TAMORA	VG	40 ab	102	99 [2]	53 bcd	108	103 [2]		105	101	[4]	
LSD (P=.05) =		7.12				5.39						
CV value (%) =		12.93				6.82						

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: SEED MANITOBA 2007; ***BCGPA data)

Nitouche - check variety



Field Pea (Yellow Seed)		Yield as % of Cutlass											
Variety	**Designated	Dawson Creek				Fort St. John				B.C. Peace			
	Powdery	2008 Yield***		2003-2007		2008 Yield		2003-2008		2008	2003-2008		
	Mildew	bus /	% of	Avg.	Stn.	bus /	% of	Avg.	Stn.	Avg.	Avg.	Stn.	
	Resistant	acre	check	(%)	Yrs.	acre	check	(%)	Yrs.	(%)	(%)	Yrs.	
Agassiz	VG			111	[1]	70	a	103	94	[2]	103	100	[3]
Canstar	VG			89	[1]	67	abc	100	92	[2]	100	91	[3]
CDC Bronco	VG			107	[4]	66	abc	99	95	[5]	99	100	[9]
CDC Centennial	VG			105	[1]	68	ab	101	97	[2]	101	99	[3]
CDC Golden	VG			92	[4]	59	bcd	88	91	[5]	88	92	[9]
CDC Meadow	VG			99	[2]	64	abc	95	95	[3]	95	97	[5]
CDC Prosper *						63	abc	94	94	[1]	94	94	[1]
Cutlass	VG			100	[4]	67	abc	100	100	[5]	100	100	[9]
Eclipse	VG			101	[4]	59	bcd	88	96	[5]	88	98	[9]
Hugo *						66	abc	97	97	[1]	97	97	[1]
Noble	VG			93	[1]	58	bcd	86	93	[2]	86	93	[3]
Polstead	VG			117	[1]	67	abc	99	99	[2]	99	105	[3]
Reward	VG			107	[1]	64	abc	95	92	[2]	95	97	[3]
SW Carousel	VG			99	[3]	53	d	79	94	[4]	79	96	[7]
SW CIRCUS	P			87	[4]	58	cd	85	90	[5]	85	89	[9]
SW MIDAS	VG			96	[3]	62	a-d	92	95	[4]	92	95	[7]
Thunderbird	VG			109	[1]	60	bcd	89	92	[2]	89	98	[3]
LSD (P=.05) =						5.60							
CV value (%) =						6.28							

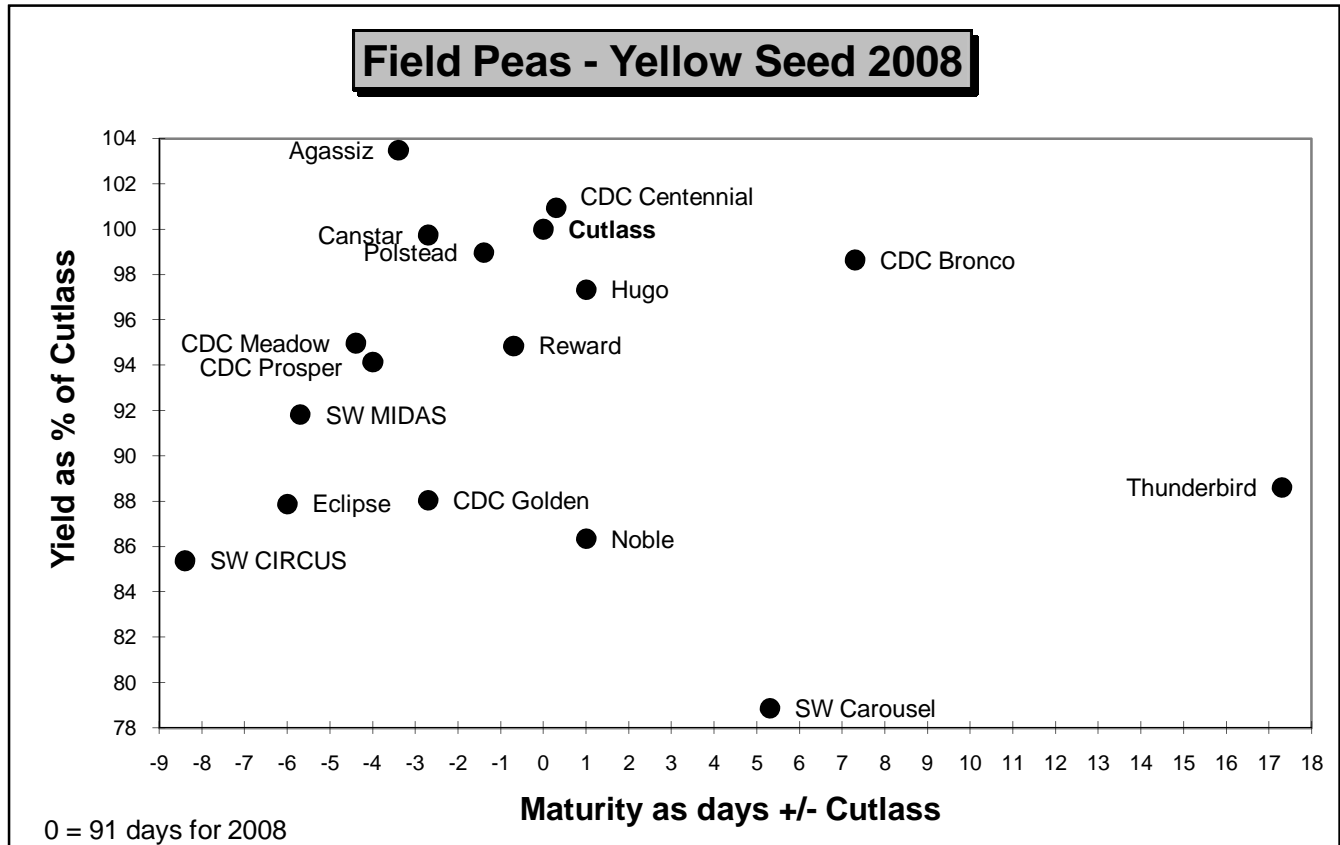
Means followed by the same letter do not significantly differ (P=.05, LSD)

* first year tested, very limited data available.

**Powdery Mildew resistance: VG=Very Good, F=Fair, P=Poor (data: SEED MANITOBA 2007)

***No data for Dawson Creek due to drought conditions

Cutlass - check variety



Note: Above graph depicts data from FSJ only as the DC data was too variable to use, due to severe drought.

Field Peas

BC Peace Averages 2003-2008

Variety	Maturity	Vine	Lodging	1000 k	Powdery	Distributor
	as days	Length			Mildew	
	+/- check	cm	0-9**	grams	0-9 scale**	
Yellow Seed						
■ Agassiz	-2	63	2	244		Canterra
■ Canstar	-2	62	3	263		Can Seed Canada
CDC Bronco	4	61	3	246	0	Sask Pulse Growers
CDC Centennial	1	48	5	276		Sask Pulse Growers
CDC Golden	-4	66	2	239	0	Sask Pulse Growers
CDC Meadow	-4	70	1	223		Sask Pulse Growers
CDC Prosper *	-4	50	1	162		Sask Pulse Growers
Cutlass	0	66	3	254	0	Sask Pulse Growers
■ Eclipse	-1	60	2	266	0	FarmPure Seeds
■ Hugo *	1	37	2	240		FarmPure Seeds
■ Noble	3	68	2	256		FarmPure Seeds
■ Polstead	1	52	3	278		FarmPure Seeds
■ Reward	1	69	2	259		SeCan
■ SW Carousel	-1	64	2	270	2	FarmPure Seeds
■ SW CIRCUS	-9	64	2	248	5	SeCan
■ SW MIDAS	-4	58	1	229	0	FarmPure Seeds
■ Thunderbird	14	67	1	237		Canterra
Green Seed						
■ Camry	1	53	1	270	0	FarmPure Seeds
CDC Patrick *	3	59	1	180	0	Sask Pulse Growers
CDC Striker	-1	71	1	242	6	Sask Pulse Growers
■ COOPER	10	72	1	309	0	Canterra
Cutlass *(y)	-4	43	2	229	0	Sask Pulse Growers
■ Garde	1	65	1	217	8	Bob Park, Lacombe
■ Mendel *	1	70	1	234	0	FarmPure Seeds
■ Nitouche	0	76	2	275	6	FarmPure Seeds
■ TAMORA	7	66	2	279	1	FarmPure Seeds

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.

Average maturity for **Cutlass** is 102 days, & 100 days for **Nitouche**.

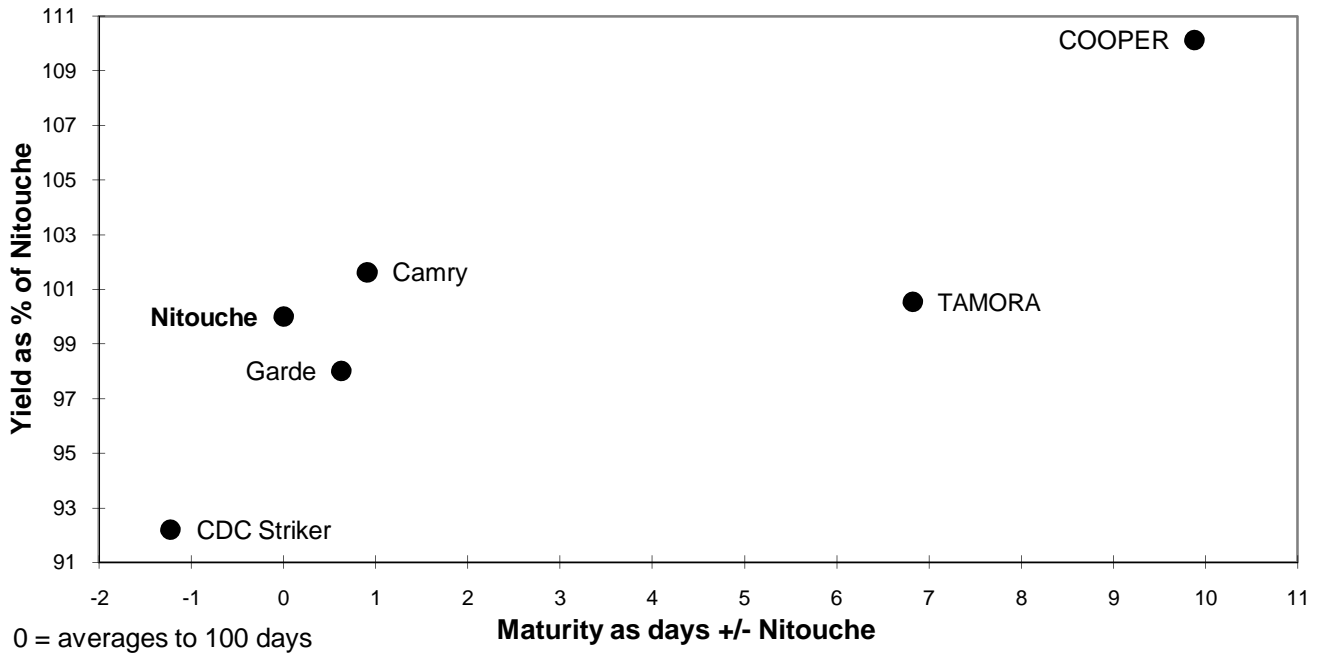
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(g) = green pea; (y) = yellow pea

* first year tested, very limited data available

** 0 - 9 scale; 0 = none, 9 = 100% affected

Field Peas Green Seed 2003 - 2008



Field Peas Yellow Seed 2003 - 2008

