

Field Pea (Yellow Seed)

Yield as % of Carrera

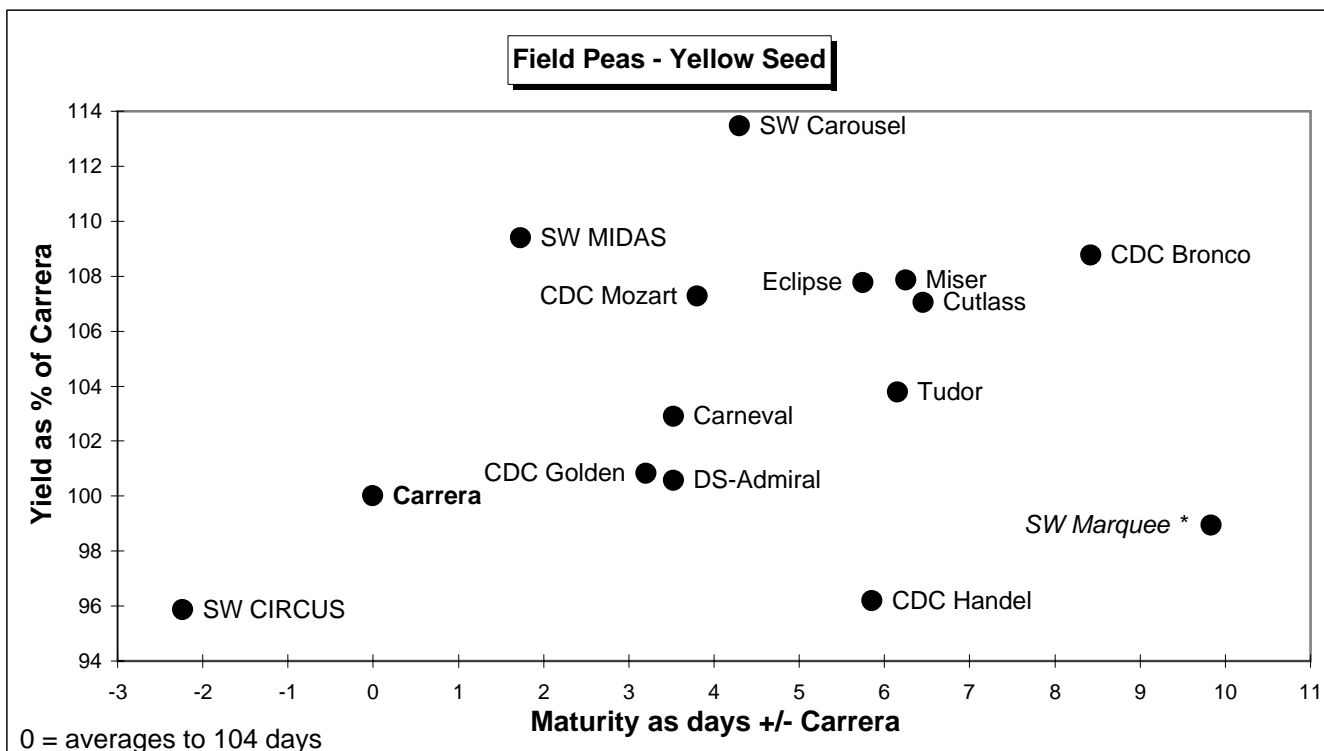
Variety	**Designated Powdery Mildew Resistant	Dawson Creek				Fort St. John				B.C. Peace			
		2005 Yield		2002-2005		2005 Yield		2002-2005		2005	2002-2005		
		bus /	% of	Avg.	Stn.	bus /	% of	Avg.	Stn.	Avg.	Avg.	Stn.	
		acre	check	(%)	Yrs.	acre	check	(%)	Yrs.	(%)	(%)	Yrs.	
Carneval	F	108 cd	112	113 [4]	105 ab	92	93 [4]	102	103 [8]				
Carrera	P	97 ef	100	100 [4]	114 a	100	100 [4]	100	100 [8]				
CDC Bronco	VG	125 a	129	127 [3]	110 a	96	91 [3]	113	109 [6]				
CDC Golden	VG	109 cd	113	110 [3]	103 ab	91	92 [3]	102	101 [6]				
CDC Handel	VG	91 f	94	108 [2]	78 c	69	85 [2]	81	96 [2]				
CDC Mozart	VG	117 abc	121	118 [2]	112 a	99	97 [2]	110	107 [2]				
Cutlass	VG	122 ab	126	118 [3]	118 a	104	96 [3]	115	107 [6]				
DS-Admiral	VG	110 bcd	114	105 [4]	110 a	96	96 [4]	105	101 [8]				
Eclipse	VG	112 bcd	116	117 [4]	117 a	102	99 [4]	109	108 [8]				
Miser	VG	111 bcd	114	120 [2]	103 ab	90	96 [2]	102	108 [4]				
SW Carousel	VG	114 abc	118	129 [2]	118 a	104	98 [2]	111	113 [4]				
SW CIRCUS	P	95 ef	98	99 [4]	107 a	94	92 [4]	96	96 [8]				
SW Marquee *		98 ef	101	101 [1]	110 a	97	97 [1]	99	99 [2]				
SW MIDAS	VG	100 def	104	123 [2]	109 a	96	95 [2]	100	109 [4]				
Tudor	VG	104 cde	107	119 [2]	93 b	82	89 [2]	95	104 [4]				
LSD (P=.05) =		8.01				8.89							
CV value (%) =		5.19				5.77							
<u>Varieties not tested in 2005 (Averages 2002-2005)</u>										<u>Last Year Tested</u>			
CDC Minuet	VG			121				94	(2004)	107			
DELTA	P			107				93	(2004)	100			
SW Cabot *	P			120				97	(2004)	109			
Swing	P			98				101	(2004)	99			
Topeka	VG			101				89	(2004)	95			

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 2005)

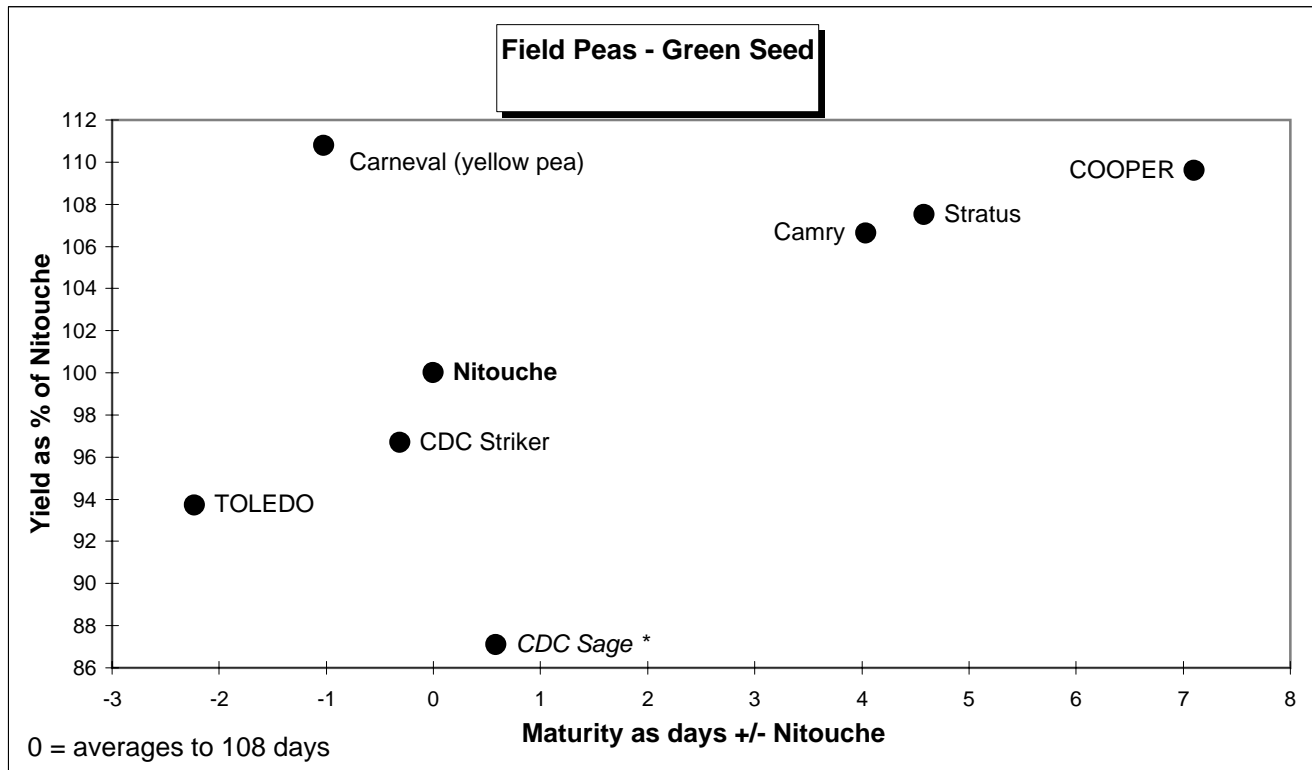
Carrera - check variety



Field Pea (Green Seed)		Yield as % of Nitouche										
Variety	**Designated Powdery Mildew Resistant	Dawson Creek				Fort St. John				B.C. Peace		
		2005 Yield		2002-2005		2005 Yield		2002-2005		2005	2002-2004	
		bus / acre	% of check	Avg. Stn. (%) Yrs.		bus / acre	% of check	Avg. Stn. (%) Yrs.		Avg. (%)	Avg. Stn. (%) Yrs.	
Camry	VG	112 c	103	107 [2]	96 a	101	106 [2]		102	107	[4]	
Carneval (yellow pea)	F	110 c	101	110 [4]	104 a	109	112 [4]		105	111	[8]	
CDC Sage *		89 d	82	82 [1]	88 a	93	93 [1]		87	87	[2]	
CDC Striker	P	104 c	95	98 [3]	93 a	98	95 [3]		96	97	[6]	
COOPER	VG	131 a	120	115 [2]	100 a	105	105 [2]		112	110	[4]	
Nitouche	P	109 c	100	100 [4]	95 a	100	100 [4]		100	100	[8]	
Stratus	VG	119 b	109	121 [4]	93 a	98	94 [4]		104	108	[8]	
TOLEDO	P	95 d	87	89 [4]	88 a	92	98 [4]		90	94	[8]	
LSD (P=.05) =		6.72			12.87							
CV value (%) =		4.21			9.27							
Most recent varieties not tested in 2005 (Averages 2002-2004)								Last Year Tested				
Nessie	P			105 [2]				105 [2] (2004)	105 [4]			
Vortex *	P			96 [1]				95 [1] (2004)	96 [2]			

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 2005)

Nitouche - check variety



Field Peas

BC Peace Averages 2002-2005

Variety	Maturity	Height cm	Lodging 0-9**	1000 k grams	Powdery	Distributor
	as days +/- check				Mildew 0-9 scale**	
Yellow Seed						
■ Carneval	4	78	2	242	3	Bonis & Co
■ Carrera	0	55	2	289	6	Canseed
CDC Bronco	8	74	3	250	0	Sask Pulse Growers
CDC Golden	3	78	3	247	0	Sask Pulse Growers
CDC Handel	6		6	215	0	U of S
CDC Mozart	4		5	275	0	U of S
Cutlass	6	77	3	263	0	AAFRD
■ DS-Admiral	4	77	2	270	0	Agriprogress
■ Eclipse	6	70	2	282	0	FarmPure Seeds
■ Miser	6		4	218	0	Morden Res. Centre
■ SW Carousel	4		3	277	2	SW Seed Ltd
■ SW CIRCUS	-2	70	2	258	5	Bonis & Co
■ SW <i>Marquee</i> *	10		2	212	0	
■ SW MIDAS	2		2	238	0	Bonis & Co
■ Tudor	6		3	296	0	FarmPure Seeds
Green Seed						
■ Camry	4	68	2	294	1	FarmPure Seeds
■ Carneval (y)	-1	79	1	245	3	Bonis & Co
CDC <i>Sage</i> *	1		2	231	1	
CDC Striker	0	78	1	251	6	Sask Pulse Growers
■ COOPER	7	85	1	337	0	Canterra
■ Nitouche	0	81	2	290	5	Canseed
■ Stratus	5	61	2	302	0	Canterra
■ TOLEDO	-2	74	2	300	5	Canterra
Varieties not tested in 2005 (Averages 2002-2004)						
CDC Minuet	3	74	4	235	0.0	Sask Pulse Growers
■ DELTA	0	62	2	271	2.6	FarmPure Seeds
■ Nessie (g)	-2	73	3	270	5.8	Bonis & Co
■ SW <i>CABOT</i> *	3		3	276	7.8	SW Seed Ltd
■ Swing	-2	68	4	272	5.2	Canseed
■ Topeka	2	60	5	298	0.0	Canterra
<i>Vortex</i> * (g)	-6	81	5	169	5.3	Terramax

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, 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 a very important tool when selecting peas for our area as peas still standing at harvest stand a better chance of escaping ecretia contamination from large wildlife if direct-cut is the harvest method.

Average maturity for **Carrera** is 104 days, and 108 days for **Nitouche**.

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* first year tested, very limited data available

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

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