

Field Pea (Yellow Seed) Yield as % of Carrera **

Variety	***Designated Powdery Mildew Resistant	Dawson Creek				Fort St. John				B.C. Peace		
		2004 Yield		1999-2004		2004 Yield		1999-2004		2004	1999-2004	
		bus /	% of	Avg.	Stn.	bus /	% of	Avg.	Stn.	Avg.	Avg.	Stn.
		acre	check	(%)	Yrs.	acre	check	(%)	Yrs.	(%)	(%)	Yrs.
Carneval	F	49 a-e	140	109	[4]	90 a	98	88	[5]	119	98	[9]
Carrera	P	35 g	100	100	[5]	92 a	100	100	[6]	100	100	[11]
CDC Bronco	VG	54 a	153	126	[2]	85 a	93	88	[2]	123	107	[4]
CDC Golden	VG	47 a-f	133	109	[2]	89 a	96	92	[2]	115	100	[4]
<i>CDC Handel *</i>	VG	43 def	121	121	[1]	93 a	101	101	[1]	111	111	[2]
CDC Minuet	VG	53 ab	151	104	[3]	92 a	100	88	[4]	125	96	[7]
<i>CDC Mozart *</i>	VG	40 fg	115	115	[1]	88 a	95	95	[1]	105	105	[2]
Cutlass	VG	46 b-f	131	114	[2]	84 a	91	92	[2]	111	103	[4]
DELTA	P	51 abc	144	100	[5]	84 a	92	95	[6]	118	98	[11]
DS-Admiral	VG	49 a-e	139	100	[4]	94 a	102	96	[4]	121	98	[8]
Eclipse	VG	50 a-d	142	106	[4]	82 a	89	93	[5]	116	99	[9]
<i>Miser *</i>	VG	44 c-f	125	125	[1]	94 a	102	102	[1]	113	113	[2]
<i>SW Cabot *</i>	P	42 efg	120	120	[1]	90 a	97	97	[1]	109	109	[2]
<i>SW Carousel *</i>	VG	49 a-e	139	139	[1]	85 a	93	93	[1]	116	116	[2]
SW CIRCUS	P	42 efg	119	100	[3]	86 a	93	92	[3]	106	96	[6]
<i>SW MIDAS *</i>	VG	50 abc	143	143	[1]	87 a	95	95	[1]	119	119	[2]
Swing	P	42 efg	119	96	[5]	85 a	93	95	[6]	106	96	[11]
Topeka	VG	41 fg	117	97	[4]	89 a	97	85	[4]	107	91	[8]
<i>Tudor *</i>	VG	46 b-f	130	130	[1]	88 a	96	96	[1]	113	113	[2]
LSD (P=.05) =		7.44				15.71						
CV value (%) =		11.42				12.6						

Varieties not tested in 2004 (Averages 1999-2003)				Last Year Tested			
Alfetta	P		75 [1]	100 [1]	(2002)	88 [2]	
Cobra	-		96 [2]	95 [3]	(2001)	96 [5]	
<i>CROMA *</i>	P		91 [1]	96 [1]	(2002)	93 [2]	
DS-Stalworth	VG		88 [3]	92 [4]	(2003)	90 [7]	
Integra	P		97 [2]	95 [3]	(2001)	96 [5]	
MARIBU	-		87 [2]	97 [2]	(2002)	92 [4]	
MIAMI	P		94 [2]	95 [3]	(2001)	94 [5]	
NICOLE	P		94 [2]	92 [3]	(2001)	93 [5]	
SW BRAVO	P		83 [4]	86 [5]	(2003)	85 [9]	
SW CAPRI	P		84 [2]	95 [2]	(2003)	89 [4]	
SW SALUTE	VG		92 [3]	91 [3]	(2003)	92 [6]	

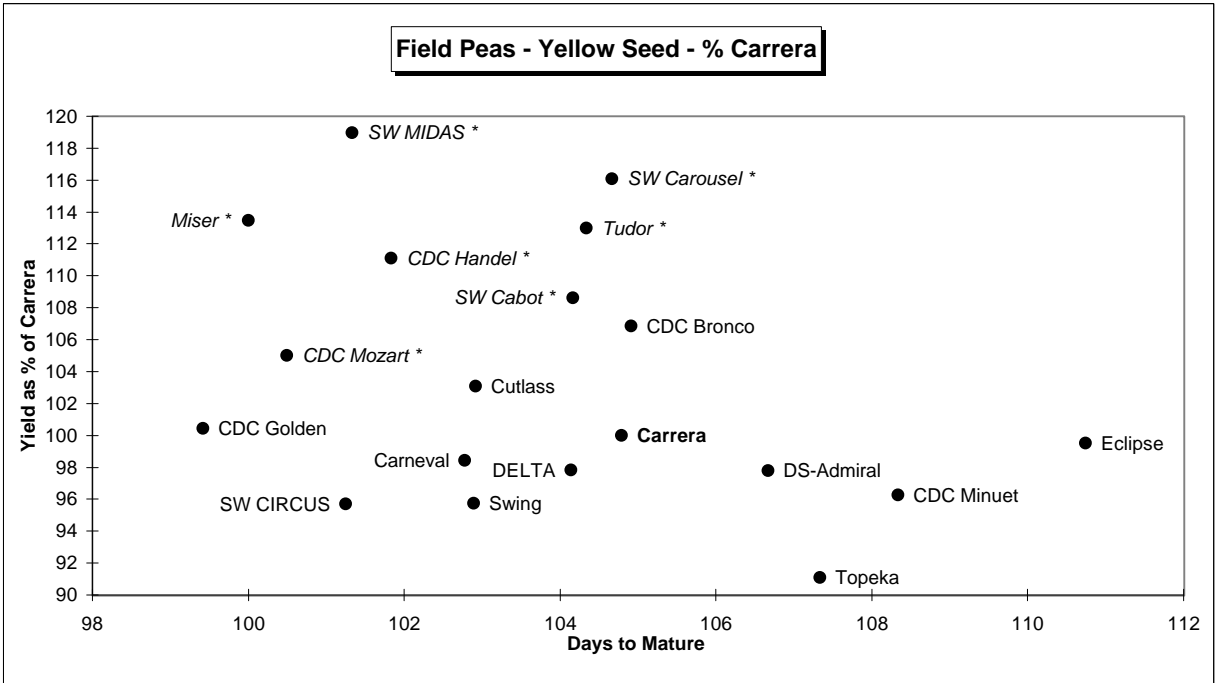
Means followed by the same letter do not significantly differ (P=.05, LSD) * first year tested, very limited data available.

****New check variety as of 2001.** Historical data on this page has been updated to reflect this change.

See Page 30 for more extensive listing of varieties no longer tested as compared against Carneval.

***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		
		2004 Yield		1999-2004	2004 Yield		1999-2004		2004	1999-2004	
		bus /	% of	Avg. Stn.	bus /	% of	Avg. Stn.	Avg.	Avg.	Stn.	
		acre	check	(%) Yrs.	acre	check	(%) Yrs.	(%)	(%)	Yrs.	
Camry *	VG	52 ab	112	112 [1]	76 a-d	111	111 [1]	111	111	[2]	
Carneval (yellow pea)	F	58 a	124	108 [4]	84 a	123	113 [4]	123	110	[8]	
CDC Striker	P	46 bc	99	100 [2]	61 f	89	94 [2]	94	97	[4]	
COOPER *	VG	51 ab	109	109 [1]	72 cde	104	104 [1]	107	107	[2]	
Nessie	P	47 bc	100	105 [2]	74 b-e	107	105 [2]	104	105	[4]	
Nitouche	P	47 bc	100	100 [5]	69 def	100	100 [6]	100	100	[11]	
Stratus	VG	53 ab	112	115 [4]	82 ab	120	90 [4]	116	102	[8]	
TOLEDO	P	42 c	89	94 [5]	81 abc	118	99 [6]	103	97	[11]	
Vortex *	P	45 bc	96	96 [1]	65 ef	95	95 [1]	96	96	[2]	
LSD (P=.05) =		7.86			10.06						
CV value (%) =		11			9.34						
<u>Most recent varieties not tested in 2004 (Averages 1999-2003)</u>											
					<u>Last Year Tested</u>						
BLUEBIRD	-			88 [2]			85 [2]	(2002)	86 [4]		
CDC Montero	VG			63 [1]			72 [1]	(2001)	68 [2]		
Cruiser*	P			99 [1]			107 [1]	(2002)	103 [2]		
DS-Dominator	-			21 [1]			52 [2]	(2001)	37 [3]		
Espace	P			100 [4]			110 [5]	(2003)	105 [9]		
Garde (FABIA)	-			110 [2]			105 [2]	(2002)	108 [4]		
Madoc	P			107 [2]			106 [2]	(2003)	106 [4]		
Millenum	P			108 [3]			109 [4]	(2003)	108 [7]		
SCUBA	P			88 [2]			99 [3]	(2001)	94 [5]		
SW PARADE	P			93 [2]			98 [3]	(2001)	95 [5]		
Venture	P			100 [1]			96 [2]	(2001)	98 [3]		

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

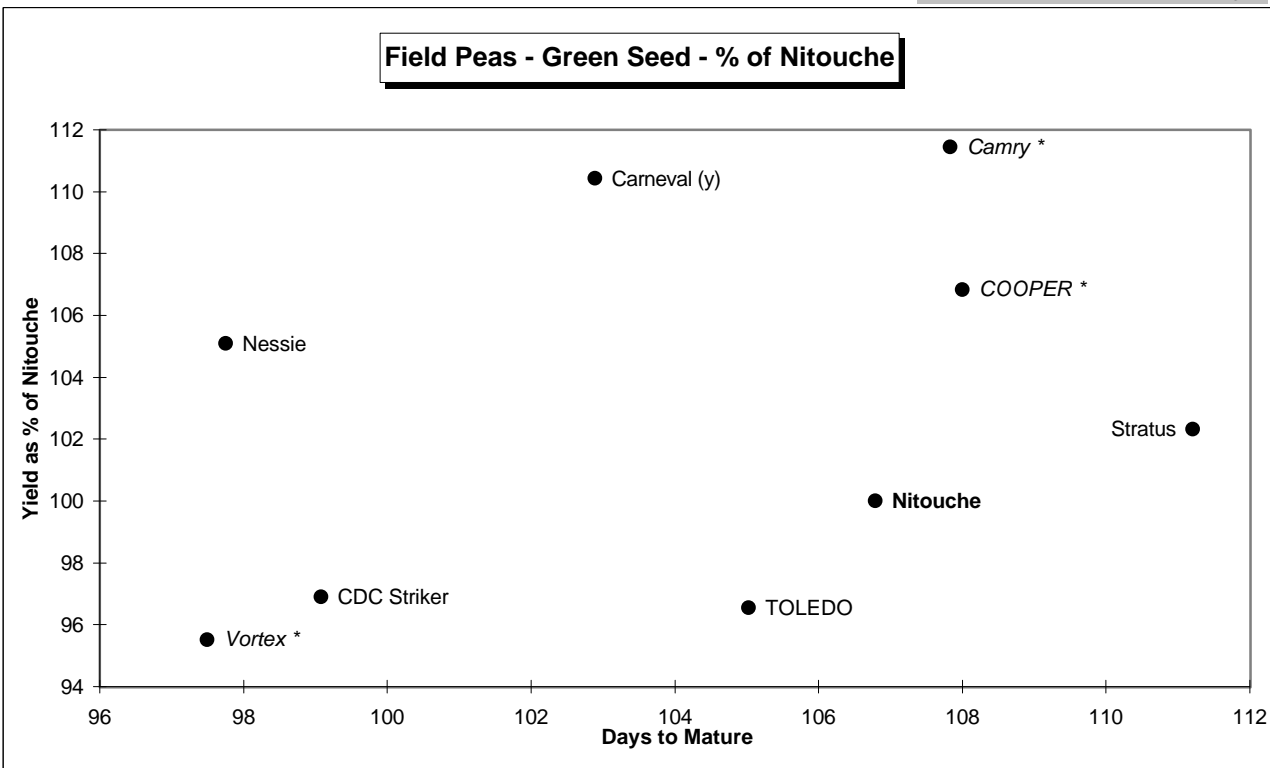
* first year tested, very limited data available

****New check variety as of 2001.** Historical Data has been updated to reflect this change as of 1999.

See Page 30 for more extensive listing of varieties no longer tested as compared against Carneval.

***Powdery Mildew resistance VG=Very Good, F=Fair, P=Poor (data: SEED MANITOBA 2005)

Nitouche - check variety



Field Peas		Variety Descriptions					
		BC Peace Data 2001-2004					
Variety	BC Peace Averages			1997-2004	0-9 scale (0=nil)**		Distributor
	Days to Mature	Height cm	Lodging 0-9(flat)	1000 k grams	Mycos-phaerella Blight	Powdery Mildew	
Yellow Seed							
■ Carneval	103	74	2	236	1.0	3.2	Bonis & Co
■ Carrera	105	55	3	279	3.8	4.6	Canseed
CDC Bronco	105	77	3	256		0.0	Sask Pulse Growers
CDC Golden	99	78	4	255		0.3	Sask Pulse Growers
<i>CDC Handel *</i>	102	66	6	247		0.0	U of S
CDC Minuet	108	75	4	217	3.7	0.0	Sask Pulse Growers
<i>CDC Mozart *</i>	101	63	6	297		0.0	U of S
Cutlass	103	80	4	271		0.2	AAFRD
■ DELTA	104	65	3	261	3.5	2.7	Quality Assured
■ DS-Admiral	107	79	3	267	2.0	0.1	Agriprogress
■ Eclipse	111	74	2	272	2.8	0.3	Quality Assured
■ <i>Miser *</i>	100	64	5	240		0.0	Morden Res. Centre
■ <i>SW CABOT *</i>	104	78	3	276		7.8	SW Seed Ltd
■ <i>SW Carousel *</i>	105	81	5	271		3.4	SW Seed Ltd
■ SW CIRCUS	101	72	3	254	2.0	5.0	Bonis & Co
■ <i>SW MIDAS *</i>	101	75	3	251		0.0	Bonis & Co
■ Swing	103	66	4	262	2.8	4.8	Canseed
■ Topeka	107	60	5	288	2.8	0.4	Canterra
■ <i>Tudor *</i>	104	80	3	289		0.0	Quality Assured
Green Seed							
■ <i>Camry *</i>	108	68	3	301		1	Quality Assured
■ Carneval (y)	103	73	2	237	1.0	3	Bonis & Co
CDC Striker	99	78	1	244		7	Sask Pulse Growers
■ COOPER *	108	85	1	340		0	Canterra
■ Nessie	98	72	3	270		6	Bonis & Co
■ Nitouche	107	74	2	282	3.5	5	Canseed
■ Stratus	111	63	3	292	4.2	1	Canterra
■ TOLEDO	105	69	2	288	3.3	4	Canterra
<i>Vortex *</i>	98	81	5	169		5	Terramax
<u>Varieties not tested in 2004 (Averages 1997-2003)</u>							
■ Alfetta	107	55	2	331	2.0	2.0	Quality Assured
■ BLUEBIRD (g)	114	55	3	275	3.2	0.2	Bob Park (Lacombe, AB)
CDC Montero (g)	117	76	5	206	4.0	3.0	Sask Pulse Growers
Cobra	109	68	3	240	3.7	3.0	Agriprogress
■ CROMA	107	44	3	309	2.3	5.2	Canterra
Cruiser (g)	110	59	0	248	1.7	2.5	Canterra
■ DS-Dominator (g)	120	72	2	209	3.3	0.0	Agriprogress
DS-Stalwarth	111	78	2.2	256	2.8	1.3	Agriprogress
■ Espace (g)	108	66	2.0	242	2.3	4.5	Bob Park (Lacombe, AB)
■ Garde (FABIA) (g)	118	75	1	256	2.3	4.3	Bob Park (Lacombe, AB)
■ Integra	106	68	2	278	3.0	1.7	Bob Park (Lacombe, AB)
■ Madoc (g)	104	61	0.8	289	1.0	2.9	Terramax
■ MARIBU	118	73	2	283	2.5	2.3	Bob Park (Lacombe, AB)
■ MIAMI	106	66	2	244	3.3	4.7	Advanta
■ MILLENNIUM (g)	114	54	2.1	277	3.2	3.1	Terramax
■ NICOLE	106	44	4	273	5.3	2.3	Advanta
■ SCUBA (g)	110	68	2	231	4.0	4.0	Advanta
■ SW BRAVO	108	70	1.3	267	2.6	3.6	Bonis & Co
■ SW CAPRI	102	71	0.8	236	2.3	4.0	Bonis & Co
■ SW SALUTE	108	77	3.9	247	2.7	0.0	Bonis & Co
■ SW PARADE (g)	111	64	4	203	4.0	2.7	Bonis & Co
■ Venture (g)	120	76	3	229	5.0	4.5	Johnson 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, 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.

(g) = green pea

■ Protected by Plant Breeders' Rights

** 0 - 9 scale; 0 = none, 9 = 100% affected
* first year tested, very limited data available