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Agriculture and Agri-Food Canada (AAFC) is committed to working with industry partners. Opinions expressed in this document are those of the BC Grain Producers Association and not necessarily those of AAFC.

FLAX

Fields of flax have been successfully grown in our region for many years, however growing flax in the B.C. Peace River region is still at present a risky venture. Large acreage should be discouraged until further breeding programs have resulted in earlier maturing varieties. The BC Grain Producers Association is looking into the development of earlier maturing varieties as well as frost-tolerant lines that can be planted earlier than traditionally. *Prairie Thunder* and *Prairie Grande* are definite improvements to this end but more work needs to be done. For this reason this information is being provided here. It has become apparent that it is **very important to plant flax as early as possible** (as first advised by Dr. Paul Dribnenki, previous Viterra flax breeder). This seems to prevent flower abortion in heat and reduces reflowering in August which in the end helps to deliver a more consistent and earlier maturation of the seed.

Flax Variety	Yield as % of CDC Bethune														Distributor
	Dawson Creek				Fort St. John				B.C. Peace			Variety Descriptions			
	2012 Yield		2007-2012		2012 Yield		2007-2012		2012	2007-2012		Maturity Height			
	bus / acre	% of Check	Avg. (%)	stn yrs	bus / acre	% of Check	Avg. (%)	stn yrs	Avg. (%)	Avg. (%)	stn yrs	days +/-	check (cm)		
■ AAC Bravo	33	a 104	106	[2]	16	b 94	99	[2]	99.1	103	[4]	3.3	63	FP Genetics	
■ CDC Bethune	31	a 100	100	[6]	17	b 100	100	[5]	100	100	[11]	0.0	54	SeCan	
■ CDC Glas*	29	a 93	93	[1]	16	b 92	92	[1]	92.8	92.8	[2]	4.8	55	SeCan	
■ CDC Sanctuary	31	a 98	108	[4]	22	a 130	113	[3]	114	110	[7]	3.0	60	SeCan	
Flanders	28	a 90	97	[6]	15	b 89	101	[5]	89.2	98.9	[11]	1.8	50	SeCan	
FP2325*Δ	28	a 90	90	[1]	11	c 67	67	[1]	78.5	78.5	[2]	2.8	55	Viterra	
■ Prairie Grande	30	a 94	100	[6]	19	ab 111	109	[5]	103	105	[11]	-3.8	50	SeCan	
■ Prairie Sapphire	28	a 90	88	[3]	11	c 66	78	[2]	78.2	82.8	[5]	2.5	60	Alliance Seed Corp.	
■ Prairie Thunder	31	a 98	102	[6]	19	ab 111	115	[5]	105	109	[11]	-4.3	51	Canterra Seeds	
LSD (P=.05) =	4.39				3.15										
CV value (%) =	10.01				13.17										

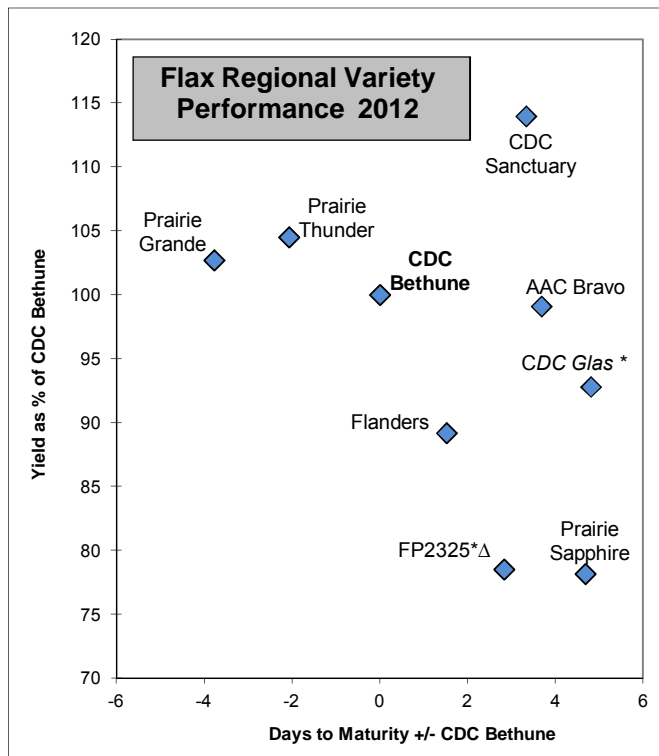
Means followed by the same letter do not significantly differ (P=.05, LSD)

CDC Bethune - check variety

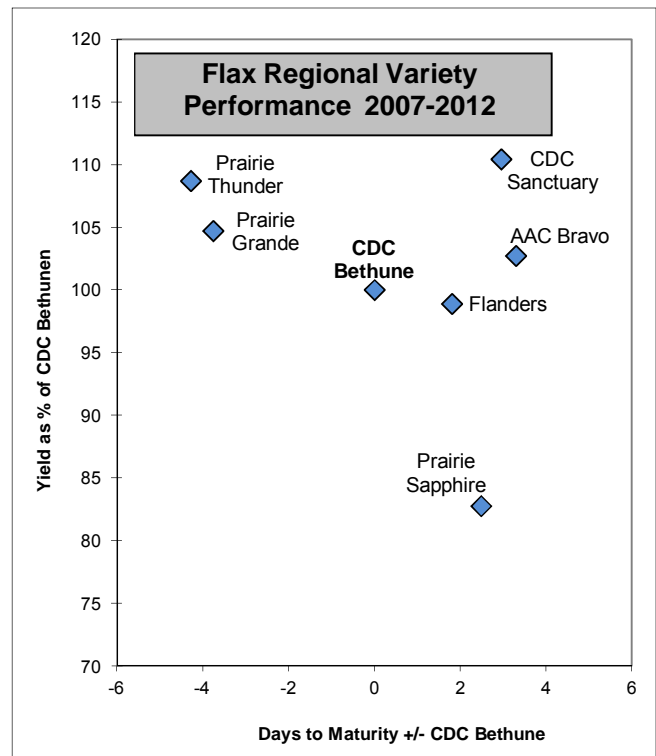
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Δ denotes materials not registered, very limited data available

* first year tested, very limited data available



Average maturity for **CDC Bethune** is 107 days for 2012



Overall average maturity for **CDC Bethune** is 115 days.