

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, although the introduction of the new lines *Prairie Thunder* (notably so) and *Prairie Grande* has taken a lot of the risk out. Just the same, large acreage should be discouraged until further breeding programs have resulted in earlier maturing varieties. The B.C. Grain Producers Association continues to look into the development of earlier maturing varieties as well as frost-tolerant lines that can be planted earlier than traditionally. 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 advised by Dr. Paul Dribnenki, previous Viterra flax breeder). This seems to prevent flower abortion in heat and reduces reflowering in August. In the end this helps to deliver a more consistent and earlier maturation of the seed.

Variety	Yield as % of NorLin														
	Dawson Creek				Fort St. John				B.C. Peace			Variety Descriptions			
	2011 Yield		2006-2011		2011 Yield		2006-2011		2011	2006-2011		Maturity Height		Distributor	
bus / acre	% of Check	Avg. stn (%) yrs		bus / acre	% of Check	Avg. stn (%) yrs		Avg. (%)	Avg. (%)	stn yrs	days +/- check	(cm)			
■ CDC Bethune	43	ab	105	101 [5]	51	ab	110	95 [4]	107	98 [9]	4.6	55	SeCan		
■ CDC Sanctuary	42	b	101	115 [3]	55	a	117	113 [2]	109	114 [5]	6.3	62	SeCan		
Flanders	43	ab	106	99 [5]	54	a	114	98 [4]	110	98 [9]	6.5	52	SeCan		
FP2270* Δ	47	a	113	113 [1]	54	a	115	115 [1]	114	114 [2]	9.0	74	FP Genetics		
■ Hanley	40	b	96	94 [5]	50	abc	106	96 [4]	101	95 [9]	5.4	51	SeCan		
Norlin	41	b	100	100 [5]	47	bcd	100	100 [4]	100	100 [9]	0.0	52	SeCan		
■ Prairie Blue	40	b	98	105 [3]	48	bcd	103	102 [2]	100	103 [5]	5.8	61	SeCan		
■ Prairie Grande	42	b	101	102 [5]	45	d	95	100 [4]	98.3	101 [9]	0.9	50	SeCan		
■ Prairie Sapphire	35	c	86	87 [2]	46	cd	98	98 [1]	91.9	92 [3]	5.8	66	Alliance Seed		
■ Prairie Thunder	43	ab	104	103 [5]	50	abc	106	107 [4]	105	105 [9]	-0.1	50	Canterra Seeds		
LSD (P=.05) =	3.16				3.41										
CV value (%) =	5.23				4.72										

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

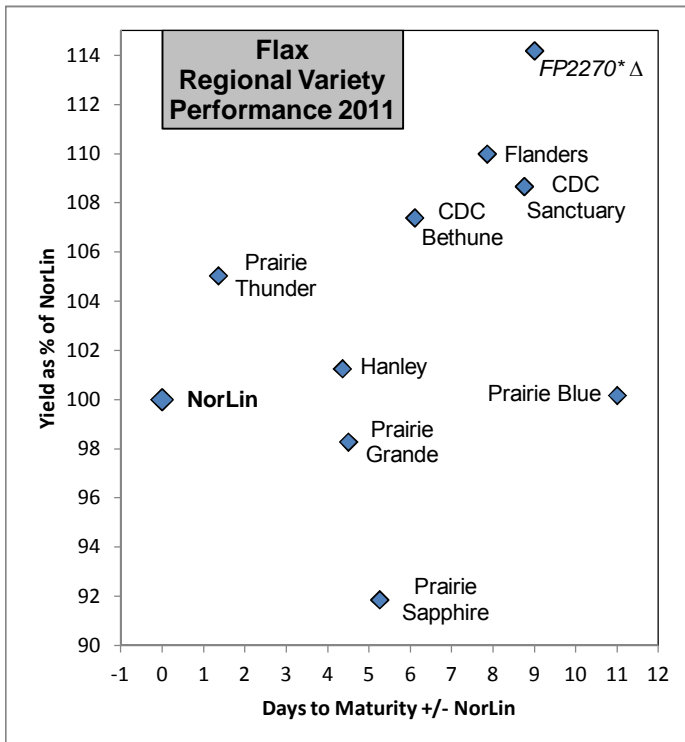
NorLin - check variety

Note: No data included from 2004 & 2006 due to adverse harvest, drought, geese & deer damage.

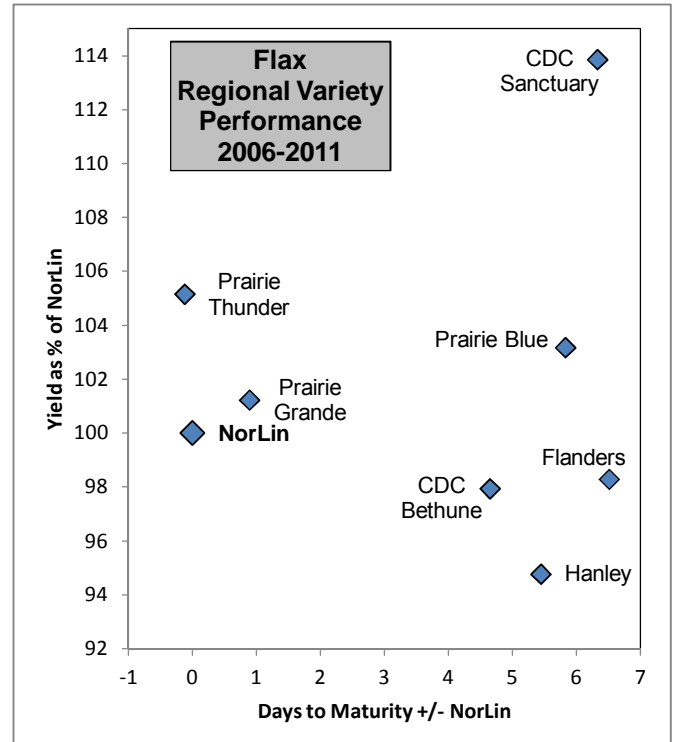
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Δ denotes materials not registered, very limited data available

* first year tested, very limited data available



Average maturity for NorLin is 114 days for 2011



Overall average maturity for NorLin is 112 days