

Variety Descriptions

Variety	Yield% Check	Site Years Tested	Days to Maturity +/- Check	Height +/- Check	Seed Size TKW	Oil Content	Oil Quality1:		Resistance to:		
							Iodine Number	ALA Content	Lodging 2	Fusarium Wilt	Powdery Mildew
AC Carnduff~	91	27	0	-1	5.6	44.7	192.3	57.0	G	MR	MR
AC Emerson	92	53	-2	-1	6.4	43.8	196.1	59.3	F	R	R
AC Watson~	89	21	-2	-2	6.2	44.4	192.7	57.1	G	MR	R
CDC Arras	92	36	0	-2	6.1	45.2	189.2	54.4	PF	MR	MS
CDC Bethune~	100	121	0	0	5.8	45.6	188.6	54.7	VG	MR	MR
CDC Sanctuary	101	10	3	1	5.8	45.6	190.7	57.2	FG	MR	MR
CDC Sorrel~	101	45	1	1	6.4	45.1	192.7	57.8	FG	MR	MR
CDC Valour~	73	17	-3	-2	6.0	43.7	189.7	56.2	PF	MR	S
Flanders	91	14	1	-2	5.3	45.4	191.9	57.2	FG	MR	MR
Hanley~	95	70	-2	-2	5.7	44.7	197.7	58.6	VG	R	MR
Lightning~	99	43	1	-2	6.0	47.6	192.5	56.1	G	MR	R

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Macbeth~	100	31	0	-1	6.2	47.7	193.1	56.7	G	R	MR
NorLin	91	76	0	-1	5.7	43.5	189.7	56.7	G	MR	MS
Prairie Blue~	98	66	1	-1	5.2	46.3	192.2	57.3	VG	MR	MR
Prairie Grande~	94	36	-2	-4	5.8	45.6	192.9	57.5	VG	MR	MR
Prairie Sapphire ~	101	18	2	-1	5.8	48.1	193.1	57.2	FG	MR	MR
Prairie Thunder~	96	45	0	-3	5.9	45.3	194.7	57.9	VG	R	MR
Taurus~	98	45	0	-1	5.6	45.6	187.0	53.9	E	MR	R
Vimy	95	5	1	0	6.1	45.0	191.9	57.6	P	MR	MS
CHECK CHARACTERISTICS											
CDC Bethune	34	121	102	27							
	bu/acre	site years	days	inches							

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¹ Oil quality of flax is based on the amount of linolenic acid measured in the seed or as measured by iodine value which is calculated from the fatty acid composition of the seed. A higher iodine value and/or higher ALA content indicates a higher overall oil quality in the seed.² E = Excellent; VG = Very Good; G = Good; FG = Fair to Good; F = Fair; PF = Poor to Fair; P = Poor.

Comments: Flax was last tested in 2010. All variety descriptions other than yield are based on data from the Flax Cooperative Trials in the Prairie Provinces. AC Emerson demonstrates the greatest tolerance to flax chlorosis. All varieties are immune to rust. The Canadian Food Inspection Agency has provided notification in their Proposed List of Variety Registration Cancellations the oilseed flax varieties CDC Mons and CDC Normandy will be cancelled (deregistered) effective August 1, 2013.

Article as posted on the Manitoba Flax Growers Association website