



## Characteristics

<b>Yield</b>	High Potential
<b>Maturity</b>	Late
<b>Seed Color</b>	Brown
<b>Seed Size</b>	Large

## CDC ROWLAND

CDC Rowland is a large, high yielding brown seeded flax variety with very good lodging resistance and late maturity. All flax growing areas of western Canada, with especially good performance in the long season areas of the black and brown soil zones.

**Parentage:** CDC Sorrel/F03279//CDC Sorrel/F03279

## STRENGTHS

- Good Resistance to Lodging
- Resistant to Flax Rust and Moderately Resistant to Fusarium Wilt and Powdery Mildew



## 2015 and 2016 Western Cooperative Flax Registration Trials

VARIETY	YIELD AS % CDC BETHUNE	MATURITY (DAYS)	LODGING 1 = ERECT 9 = FLAT	HEIGHT (CM)	1000 SEED WEIGHT (G)	OIL CONTENT (%)	IODINE NUMBER	LINOLENIC ACID CONTENT (%)	SEED PROTEIN CONTENT (%)	MEAL PROTEIN CONTENT (%)
CDC Bethune	100	102	2.4	64.2	5.8	45.0	188.0	54.8	24.2	43.9
Flanders	93	103	3.5	63.6	5.3	45.1	192.0	57.9	23.9	43.5
Prairie Thunder	95	102	2.2	59.1	6.1	44.2	194.2	58.3	24.7	44.3
<b>CDC Rowland</b>	<b>112</b>	<b>106</b>	<b>2.0</b>	<b>63.5</b>	<b>6.8</b>	<b>44.6</b>	<b>194.5</b>	<b>59.3</b>	<b>24.2</b>	<b>43.6</b>

## 2022 Seed Manitoba Flax Comparison

VARIETY	SITE YEARS	YIELD BU/AC	MATURITY +/- 102 DAYS	HEIGHT +/- 68 CM	SEED COLOUR	SEED SIZE TKW	OIL CONTENT (%)	OIL QUALITY		RESISTANCE TO:	
								IODINE NUMBER	ALA CONTENT	LODGING	FUSARIUM WILT
AAC Bright	6	34	+2	0	Yellow	5.6	48.8	192.1	56.2	G	MR
CDC Bethune	129	34	0	0	Brown	5.8	45.6	188.6	54.7	G	MR
CDC Glas	32	35	+1	+3	Brown	5.2	45.8	192.0	56.6	G	MR
CDC Kernen	8	35	+1	0	Brown	6.5	45.4	191.6	57.3	VG	MR
CDC Plava	21	34	-2	-3	Brown	5.7	46.5	195.5	57.2	G	MR
CDC Sorrel	56	34	+1	+3	Brown	6.4	45.1	192.7	57.8	F	MR
<b>CDC Rowland</b>	<b>19</b>	<b>37</b>	<b>+4</b>	<b>0</b>	<b>Brown</b>	<b>6.8</b>	<b>45.2</b>	<b>195.1</b>	<b>59.2</b>	<b>G</b>	<b>MR</b>

M=Medium; ME=Medium Early; ML=Medium Late; MR=Moderately Resistant; VG=Very Good; FG=Fair to Good; P=Poor

## 2022 Saskatchewan Varieties of Grain Flax Comparison

VARIETY	YIELD AS % OF CDC BETHUNE					MATURITY	SEED SIZE	RESISTANCE TO:		
	YEARS TESTED	AREA 1&2	AREA 3 SOUTH	AREA 3 NORTH & 4	IRRIGATION			LODGING	POWDERY MILDEW	FUSARIUM WILT
CDC Bethune	14	100	100	100	100	L	M	G	MR	MR
AAC Bright	4	98	96	98	—	L	M	G	MR	MR
CDC Buryu	5	97	104	100	89	L	M	G	MR	MR
CDC Glas	10	106	104	104	97	L	M	VG	MR	MR
CDC Kernen	4	103	106	105	100	L	L	G	MR	MR
CDC Plava	5	98	102	99	92	M	M	G	—	MR
CDC Sanctuary	5	101	92	94	96	L	M	F	MR	MR
CDC Sorrel	4	95	93	96	97	L	L	G	MR	MR
<b>CDC Rowland</b>	<b>5</b>	<b>107</b>	<b>110</b>	<b>108</b>	<b>102</b>	<b>L</b>	<b>L</b>	<b>G</b>	<b>MR</b>	<b>MR</b>

M=Medium; L=Late; S=Small; M=Medium; L=Large; G=Good; VG=Very Good; F=Fair; P=Poor

R=Resistant; MR=Moderately Resistant; I=Intermediate; MS=Moderately Susceptible; S=Susceptible