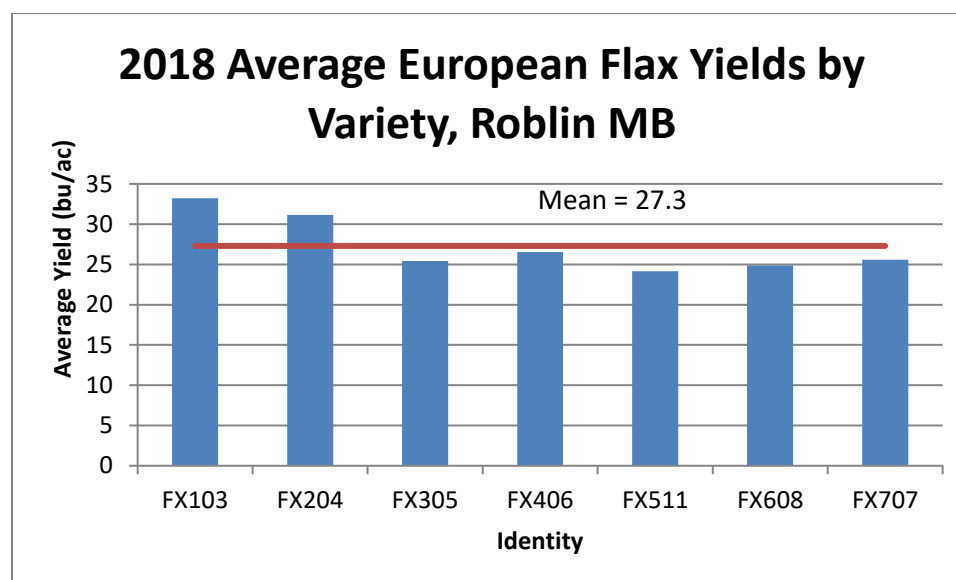


European Flax Germplasm Evaluation Project

Project duration May 2018 – September 2018
Objectives To examine the suitability of European flaxseed lines for the Manitoba agro-climate
Collaborators Dane Froese – Oilseeds Industry Development Specialist – Manitoba Agriculture

Results

Figure 1: 2018 Average European Flax Yields by Variety, Roblin MB



Background

Examination of the suitability of European flaxseed lines for the Manitoba agro-climate

Materials & Methods

Experimental Design Random Complete Block Design
Entries 7
Seeding May 22
Harvest Oct 11
Varieties FX707 FX103 FX608 FX511
FX305 FX406 FX204

Data collected

Date Collected
Emergence May 29 – June 1
Vigor Jun 20
First flowering Jul 3-9
Last flowering Jul 15-20
Boll colour change Jul 31 – Aug 15

Maturity	Aug 22 – Sept 4
Lodging	October 11
Yield	Oct 15
Moisture	Oct 15

Agronomic info

Previous 2 years crops	Oat Barley Silage
Soil Type	Erickson Loam Clay
Landscape	Rolling with trees to the east
Seedbed preparation	No-till due to moisture concerns; direct-seeded into stubble

Table 1: Spring 2018 Soil Test

Table 2: Added	Available		Fertilizer		
	N	54 lb/ac			
	P	13 ppm			
	K	228 ppm			
	S	118 lb/ac			
		Blend	Blend (actual lbs/ac)	Actual lbs N	Actual lbs P
		46-0-0	171.49	81	0
		11-52-0-0	19.23	2.12	10
		Total	-	98.12	10
<i>N side-banded; P Banded with seed</i>					

Table 4: Pesticide Application

Stage	Date	Product	Rate
Pre-emerge	May 24	Curtail M	0.81 L/ac
In-crop	Jul 19	Centurion	0.15 L/ac
		Amigo	0.5 L/ac
		Curtail M	0.81L/ac
Desiccation	Sept 14	Reglone	0.175 L/ac