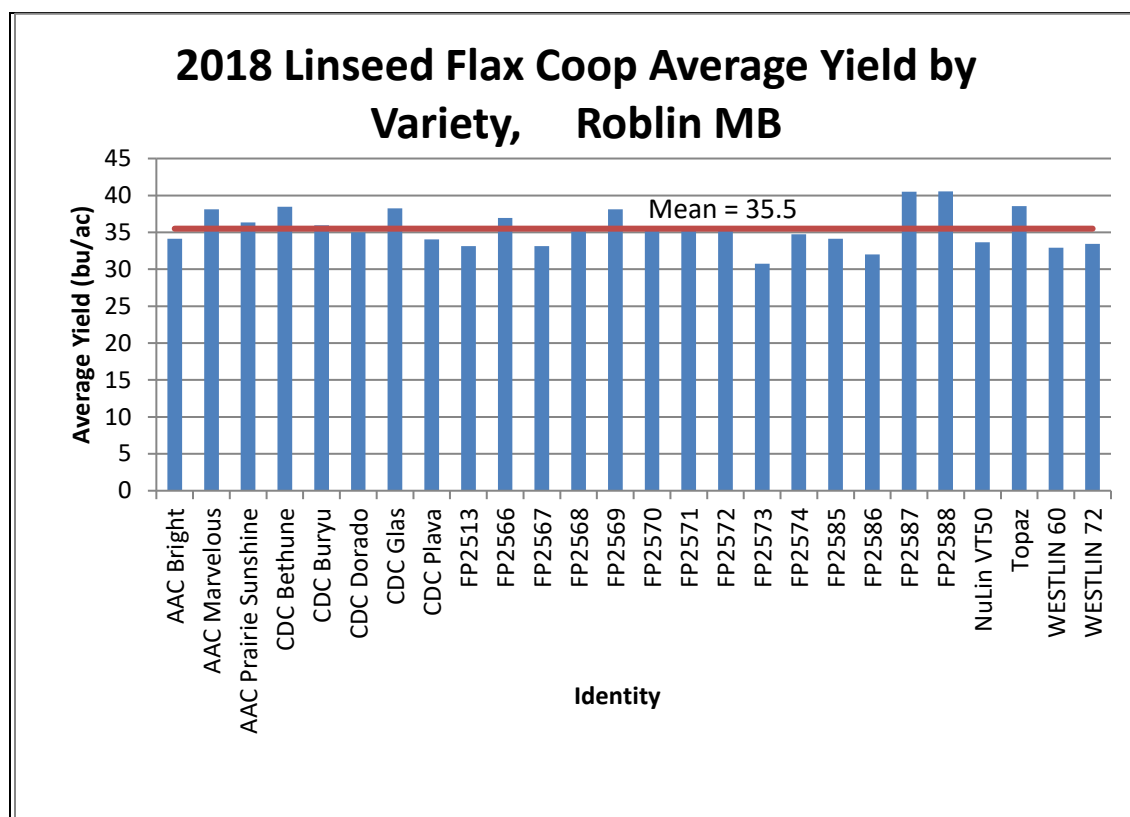


Linseed Flax Coop Variety Evaluation

Project duration May 2018 – September 2018
Objectives To evaluate pre-registration varieties for the Linseed Coop.
Collaborators Helen Booker – University of Saskatchewan Plant Sciences Flax Breeder
Ken Jackle – Crop Development Centre Flax Breeding Program

Results

Figure 1: 2018 Linseed Coop Average Yields by Variety (bu/ac) Roblin, MB



Background/References/Additional Resources

The trial was conducted in partnership with Helen Booker and the Prairie Recommending Committee for Oilseeds (PRCO). For further information, contact [helen.booker\[at\]usask.ca](mailto:helen.booker@usask.ca).

Materials & Methods

Experimental Design Random Complete Block Design
Entries 26
Seeding May 25
Harvest Oct 11
Varieties See Table 1

Table 1: Varieties included in trial at Roblin 2018

AAC Bright	FP2587	WESTLIN 72	FP2567
CDC Bethune	FP2585	WESTLIN 60	FP2570
CDC Glas	FP2588	AAC Prairie Sunshine	FP2574
Topaz	CDC Buryu	AAC Marvelous	FP2586
FP2566	CDC Plava	FP2568	FP251
FP2569	CDC Dorado	FP2571	FP2573
FP2572	NuLin VT50		

Data collected	Date collected
Emergence	Jun 1-5
Vigor	Jun 20
Height	Aug 2
Determinate Habit	Aug 19 – Sept 10
Dry down Habit	Aug 19 – Sept 10
Maturity	Aug 19 – Sept 10
Lodging	Oct 11
Yield	Oct 11
Moisture	Oct 11

Agronomic info

Previous 2 years crops	Oat Barley Silage
Soil Type	Erickson Loam Clay
Landscape	Rolling with trees to the east
Seedbed preparation	Tilled and sprayed

Table 1: Spring 2018 Soil Test

Available	
N	54 lb/ac
P	13 ppm
K	228 ppm
S	118 lb/ac

Table 2: Added N and P

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	-	83.12	10

P banded with seed; N side-banded

Table 3: Pesticide Application

Stage	Date	Product	Rate
Pre-emerge	May 20	RoundUp	0.67 L/ac
In-crop	Jun 8	RoundUp	0.67 L/ac
		Heat	28.4 g/ac
	Jul 19	Centurion	0.15 L/ac
		Amigo	0.5 L/ac
Desiccation	Sept 14	Curtail M	0.81L/ac
		Reglone	0.175 L/ac