

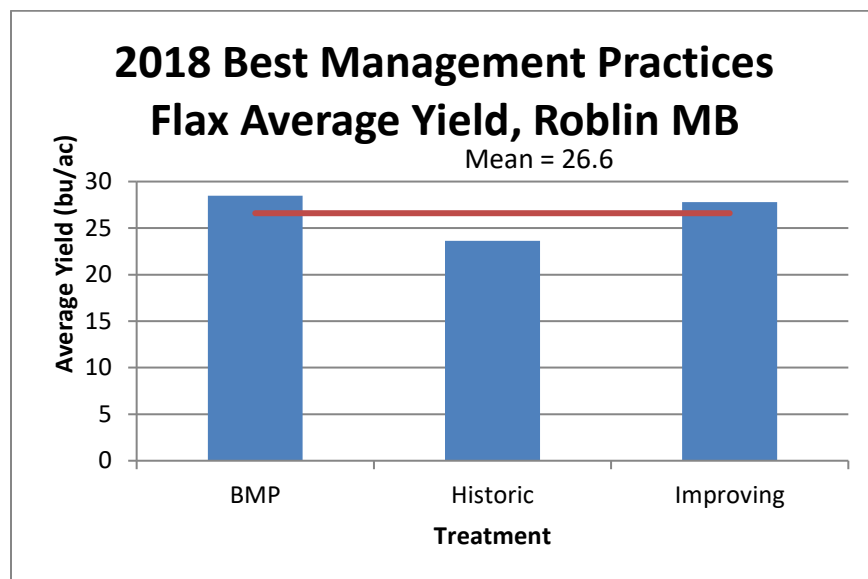
Best Management Practices for Flax Demonstration

Historical, Improving and BMP practices

Project duration May 2018 – September 2018
Objectives To demonstrate flax management practices via comparison of historical, improving and BMP practices.
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Results

Figure 1: 2018 Best Management Practices Flax Average Yield, Roblin MB



Project findings

The trial demonstrated three management approaches for flax production, for the purpose of improving understanding of flax production practices. Data collected are listed below.

Materials & Methods

Experimental Design Demonstration
Entries 3
Treatments See Table 2

Agronomic info

Previous 2 years crop 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
Seeding	See Table2
Harvest	Oct 11

Data collected

Emergence Population	As emerged by seeding date
Flowering Population	July 9-23
Harvest Plant Counts	Beginning of Sept
Maturity	Aug 23 – Sept 19
Yield	Oct 12
Moisture	Oct 12

Table 1: Spring 2018 Soil Test

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

Table 2: Treatment Design

Action	Historic Farmer	Improving Farmer	BMP Farmer
Pre-Emerge Herbicide	None	Roundup	Roundup
Seed Treatment	None	None	Yes
Stubble	Cereal	Cereal	Cereal
Seed Date	June 5	May 28	May 22
Seed Rate	42 lbs/ac	56 lbs	70 lbs/ac
Seed Depth	1"	0.75"	0.5"
Target Fert. (lbs/ac Soil + Applied)	70N + 25 P	80 N + 25 P	110 N + 35 P
In-crop Herbicides	Centurion	Centurion	Centurion
Fungicide	None	Headline EC	Priaxor
Desiccant	Swath	Swath	Reglone