PRAIRIE PRECISION SUSTAINABILITY NETWORK

Thank you!

The first season of collecting GPS-referenced yield data is complete. The PPSN would like to thank all the growers who agreed to participate in our first year of data collection. Data collection will resume this fall.
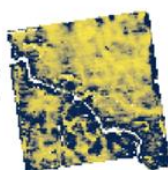
The data collected includes:

- **60 farms representing 670,000 acres between SK and AB.**

- **Farms ranging in size from 900 to 45,000 acres.**
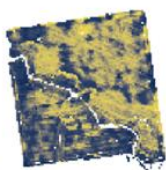
- **Yield data from 1 to 15 years.**
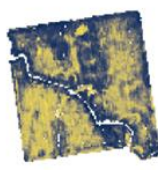

Our PPSN network of 60 grower-cooperators

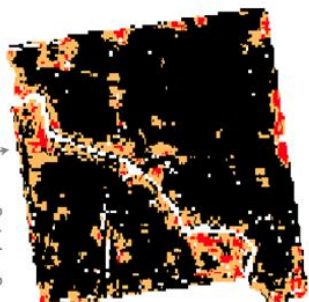

Canola @Home quarter — 2015, 2018, 2021

Yield: Highest / Lowest

Annual yields
× Commodity prices
− Input costs

Defining marginal areas

This area was profitable for canola only 1 out of the last 10 years

Canola will be profitable when prices are:
- $10/bu and up
- $18/bu and up
- $22/bu and up

WE ARE LOOKING FOR MORE
PARTICIPANTS!

Contact Andrea @ 306-381-6732
andrea.astleford@usask.ca

OR

Visit http://www.prairiepsn.ca

UNIVERSITY OF SASKATCHEWAN

UNIVERSITY OF CALGARY

PPSN Preliminary Report: Grower ID 202202

Thank you for your contribution to this project! This page has been prepared exclusively for you and has not been shared publicly.

You supplied the project with:

- 28 field years of data
- 4 different crop types
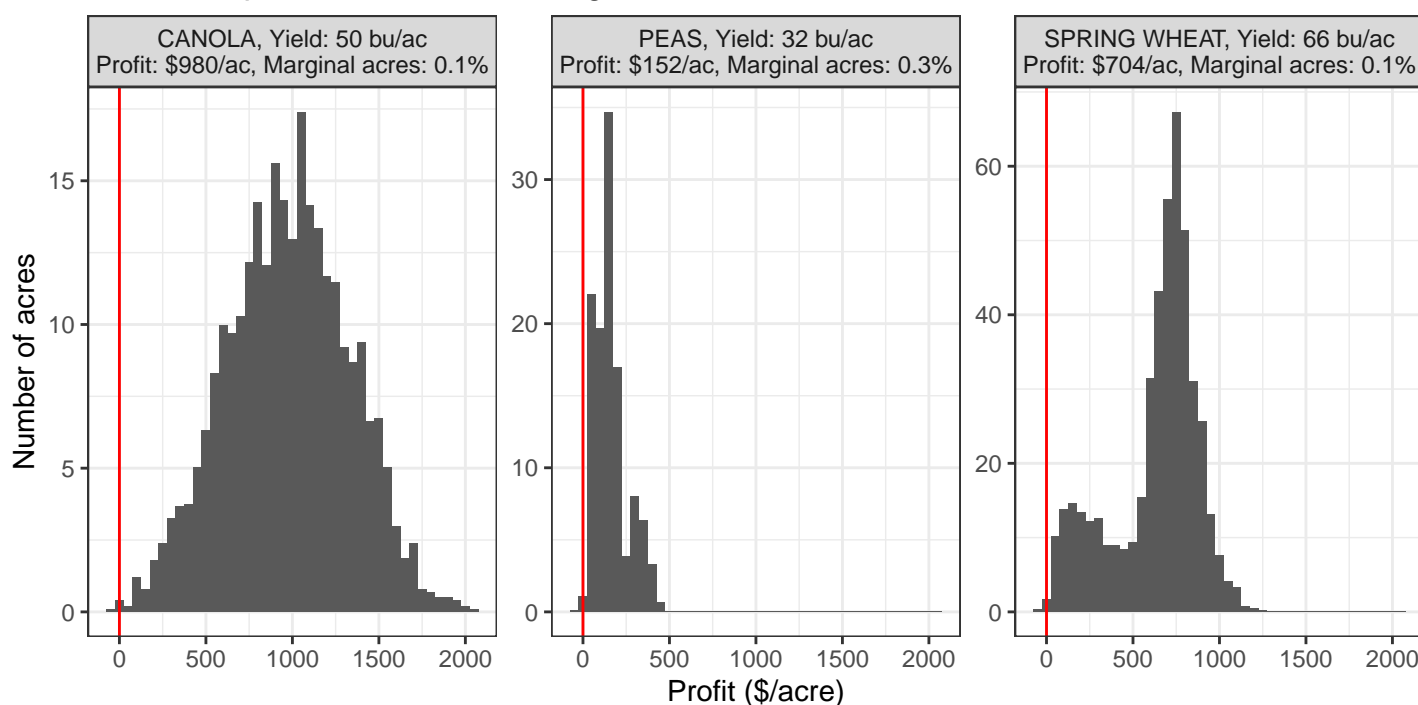- 4 years of data

Quick Facts about your data:

- In 2022 less than 1% of total acres were marginal (less than $0 profit/acre)

Average yield for each crop type (bushels/acre)

Crop Type	2022	2021	2020	2019
Barley	-	-	99	157
Canola	50	22	54	44
Peas	32	28	60	-
Spring Wheat	66	36	75	96

Do these numbers look accurate? Let us know

Predicted profit distribution during 2022

CANOLA, Yield: 50 bu/ac
Profit: $980/ac, Marginal acres: 0.1%

PEAS, Yield: 32 bu/ac
Profit: $152/ac, Marginal acres: 0.3%

SPRING WHEAT, Yield: 66 bu/ac
Profit: $704/ac, Marginal acres: 0.1%

Number of acres

Profit ($/acre)

Thank you again for your support. We look forward to connecting with you when data collection resumes in the fall. Have a great harvest!