

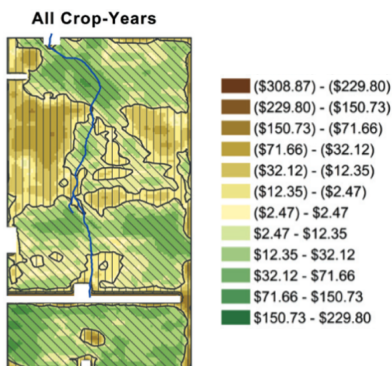


PRAIRIE  
PRECISION  
SUSTAINABILITY  
NETWORK

# Can We Find Marginal Cropland From Space?

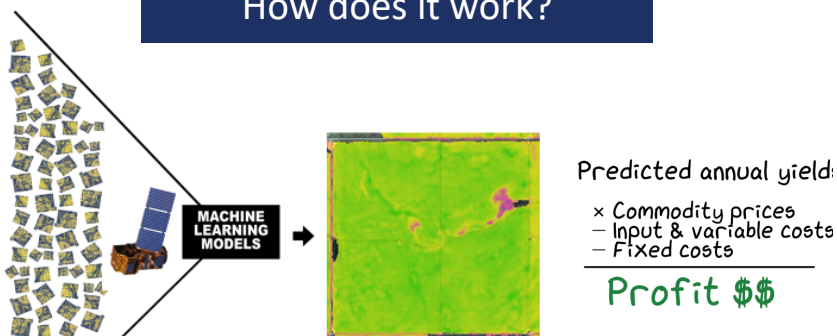
## Our Goals

Our work will give growers the tools to identify marginal areas using minimal yield data, and help to increase their overall farm profitability and efficiency.



Visit our website at  
[www.prairiepsn.ca](http://www.prairiepsn.ca)  
for more information!

## How does it work?



### Step 1

Collect Precision Yield Data (PYD) from growers

### Step 2

Fit/train machine learning model

### Step 3

Use model to "fill in the gaps" in areas without PYD

### Step 4

Produce overall profit map for growers

## How do I get involved?

The Prairie Precision Sustainability Network is looking for growers in **MB, SK** and **AB** with Precision Yield Data.

Growers will receive profitability maps of their fields for participating in the research project.

If you have GPS-referenced yield data please talk to us or scan the QR code to contact us!

Grower Cooperator Liaisons

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