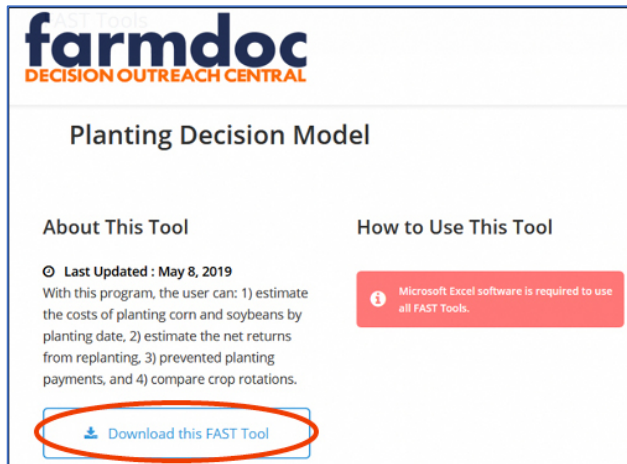


Prevented Planting Calculator – A Step by Step Guide

1. To use the University of Illinois Financial Analysis Solution Tools or FAST click on this link:
<https://farmdoc.illinois.edu/fast-tools/planting-decision-model>
2. Once the website has loaded click on the “Download this FAST Tool”



farmdoc
DECISION OUTREACH CENTRAL

Planting Decision Model

About This Tool

🕒 Last Updated : May 8, 2019
With this program, the user can: 1) estimate the costs of planting corn and soybeans by planting date, 2) estimate the net returns from replanting, 3) prevented planting payments, and 4) compare crop rotations.

[Download this FAST Tool](#)

How to Use This Tool

Microsoft Excel software is required to use all FAST Tools.

3. Once the download is complete an Excel file will open – click on “Continue”



FAST

Planting Decision Model

Updated 5/23/2019

With this program, the user can (1) estimate the costs of planting corn and soybeans by planting date, (2) estimate the net returns from replanting, (3) prevented planting payments, and (4) compare crop rotations.

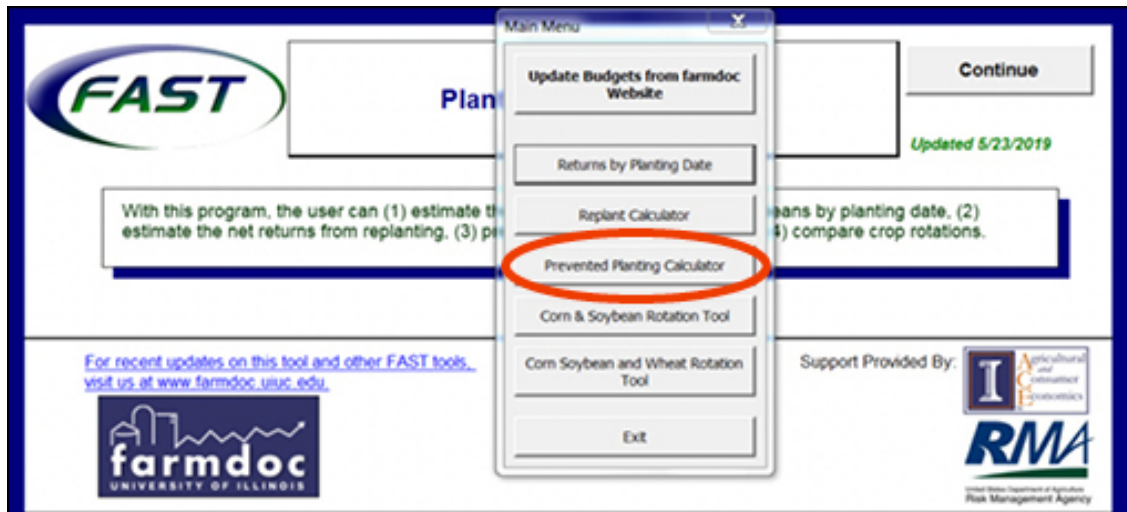
For recent updates on this tool and other FAST tools, visit us at www.farmdoc.usuc.edu.

Support Provided By:

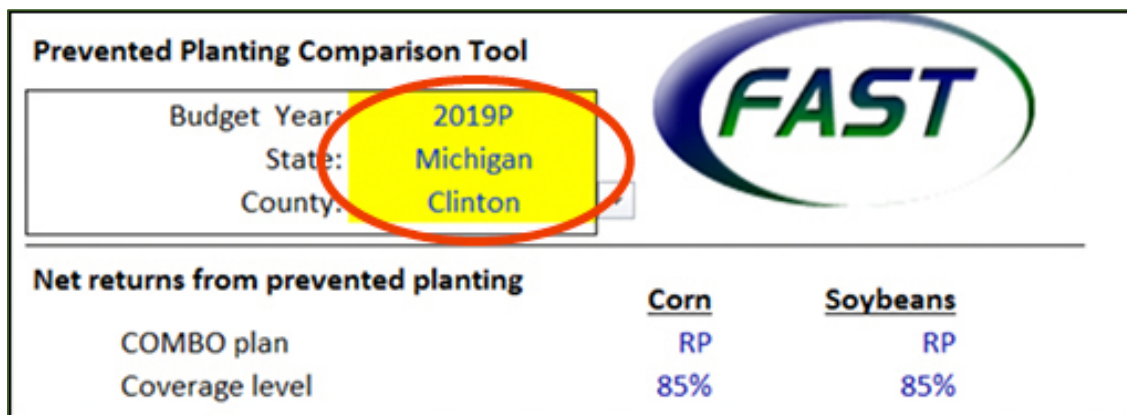
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UNIVERSITY OF ILLINOIS

RMA
United States Department of Agriculture
Risk Management Agency

- After clicking Continue you should see a drop-down menu with the following options – Click on “Prevented Planting Calculator”



- Once you have clicked Prevented Planting Calculator – you’ll see an Excel file with a yellow callout box. Select “Michigan” and then select your “County Name”



- Users can then enter their respective information, noted by the blue numbers, including projected planting dates, expected yields and new crop bids. **Note:** If you enter normal expected “Maximum” yield figures, the tool will automatically calculate “Expected Yield” based on the “Planting Date” you enter.

PREVENTED PLANTING COMPARISON TOOL



Budget Year: 2019P
State: Michigan
County: Gratiot

**Does not include MFP Payment*

Net returns from prevented planting		
	<u>Corn</u>	<u>Soybeans</u>
COMBO plan	RP	RP
Coverage level	85%	85%
APH yield (bu. per acre)	200	60
Projected price (\$ per bu.)	\$4.00	\$9.54
Prevented planting factor	55%	60%
Final planting date	6/5	6/15
Prevented planting payment	\$374	\$292
Weed control costs	15	15
Crop insurance premium	25	15
Net returns (\$ per acre)	\$334	\$262
Net returns on plant corn or soybeans		
	<u>Corn</u>	<u>Soybeans</u>
Planting date	6/6	6/10
Insurance guarantee	673	487
Maximum yield (bu. / acre)	210	55
Percent of max	72%	90%
Expected yield	151	49
Expected harvest price	\$3.54	\$7.78
Basis	\$0.00	\$0.00
Expected cash price (\$ /bu.)	\$3.54	\$7.78
Crop revenue	\$534	\$384
Crop insurance payment	\$139	\$102
Revenue (\$ per acre)	\$673	\$487
Direct costs (\$ per acre)		
Fertilizers	145	46
Pesticides	75	39
Seed	114	73
Drying	18	1
Storage	15	8
Crop insurance	24	14
Power costs (\$ per acre)		
Machine hire	13	14
Field cultivate	9	9
Plant	12	12
Spray	3	3
Combine	35	30
Trucking	12	6
Costs yet to be incurred	\$475	\$255
Expected net returns (\$ per acre)	\$198	\$232

SOURCE: UNIVERSITY OF ILLINOIS FARM ANALYSIS SOLUTION TOOLS