

# What is Carbon Farming?

Are you interested in learning about earning carbon credits on your crops? **Star of the West** has partnered with **Post** and **Soil Metrics** to help farmers estimate their carbon farming potential. If you are using the **Management Practices** listed below, or are interested in adopting these practices, then we want to hear from you!

With your assessment data in hand, you may qualify for premium payments from Post and you can also approach carbon markets with the information needed to enroll in carbon credit programs.

## Management Practices

- **No-till, Reduced, or Strip Till**
- **Cover crops**
- Reduce or replace synthetic fertilizers with compost or manure
- Use of windbreaks
- Slow-release fertilizers or N stabilizers
- Livestock grazing with other practices
- Decrease transportation emissions



**For more information on calculating your carbon footprint fill out this short survey:**

<https://soilmetrics.eco/for-growers-survey/>

Or scan this QR code:



## Benefits

- ✓ **Possible carbon credit payments**
- ✓ Possible premium payments
- ✓ Higher Soil Organic Matter
- ✓ Improved Soil Structure
- ✓ Improved water holding capacity
- ✓ Improved water infiltration
- ✓ Reduced need for inputs
- ✓ Possible Higher Yields

For more information contact:

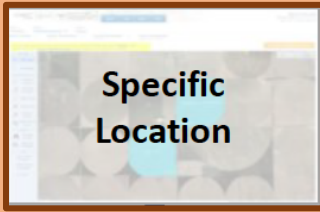
[Lisa.Woodke@starofthewest.com](mailto:Lisa.Woodke@starofthewest.com)

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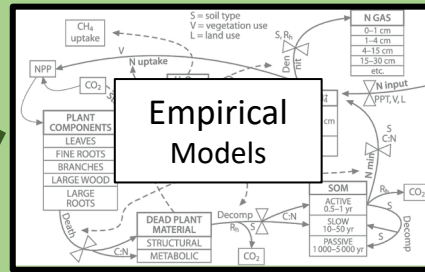
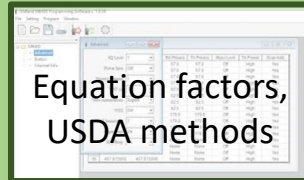
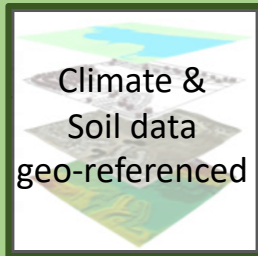
Soil Metric, LLC @2020

# How does it work?

Grower inputs



SoilMetrics analysis

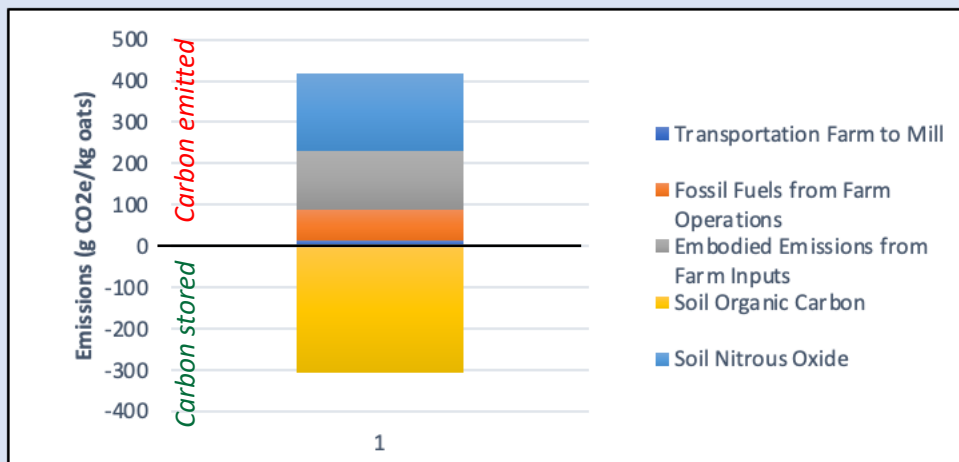


Outputs

Grower results & consultation

Emission Source	Amount (g CO <sub>2</sub> e/kg wheat)
Transportation Farm to Mill	13.2
Fossil Fuels from Farm Operations	74.3
Embodied Emissions from Farm Inputs	143.3
Soil Organic Carbon	-307.2
Soil Nitrous Oxide	188.2
CO <sub>2</sub> from Urea	0.0
<b>Total</b>	<b>111.8 *</b>

*\* This grower has a low CO<sub>2</sub> emissions score and could qualify for premium payments or enroll in a carbon market!*



Results

*Follow-up consultation on how to sequester more carbon and earn credits*