

An underwater scene with blue water, sunlight filtering through from the top right, and numerous bubbles of various sizes scattered throughout. The text is centered in the middle of the frame.

No-Till

**SHARK TANK**



# No-Till Shark Tank: Cutting-Edge Technology Lab

## Sharks:

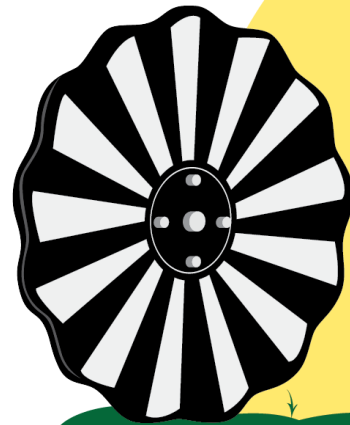
**Mike Starkey**  
Brownsburg, Ind.

**Jim Leverich**  
Sparta, Wis.

**Loran Steinlage**  
West Union, Iowa

Moderated by:  
**Pam Marrone**





34<sup>th</sup> Annual  
**NATIONAL  
NO-TILLAGE  
CONFERENCE**

January 6-9, 2026 • St. Louis, Mo.

## No-Till Shark Tank: TerraForm





**TERRAFORM**  
TILLAGE

**Exposing Soil Compaction**  
**Finding and Fixing the Hidden Yield Robber**

**National No-Till Conference**  
**January 8th 2026**

# The problem we needed to solve for our farm:



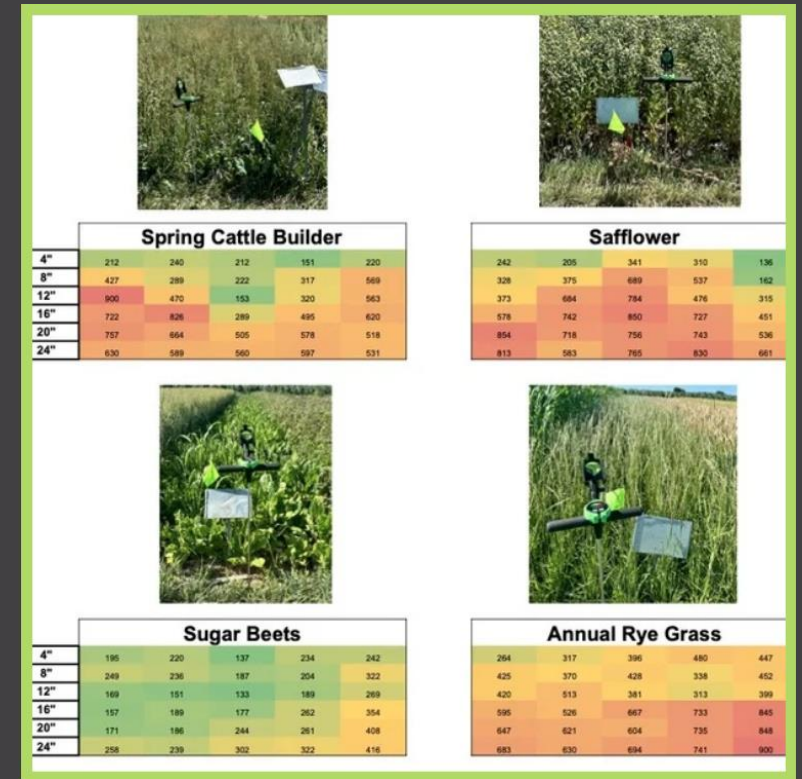
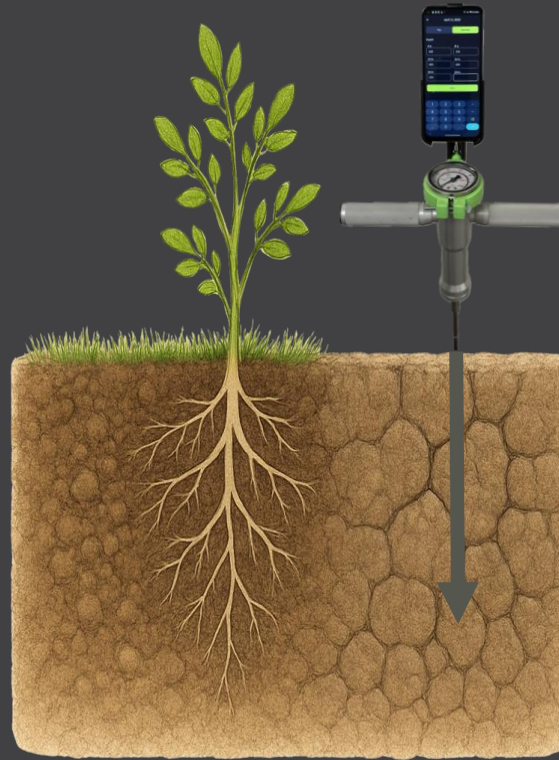
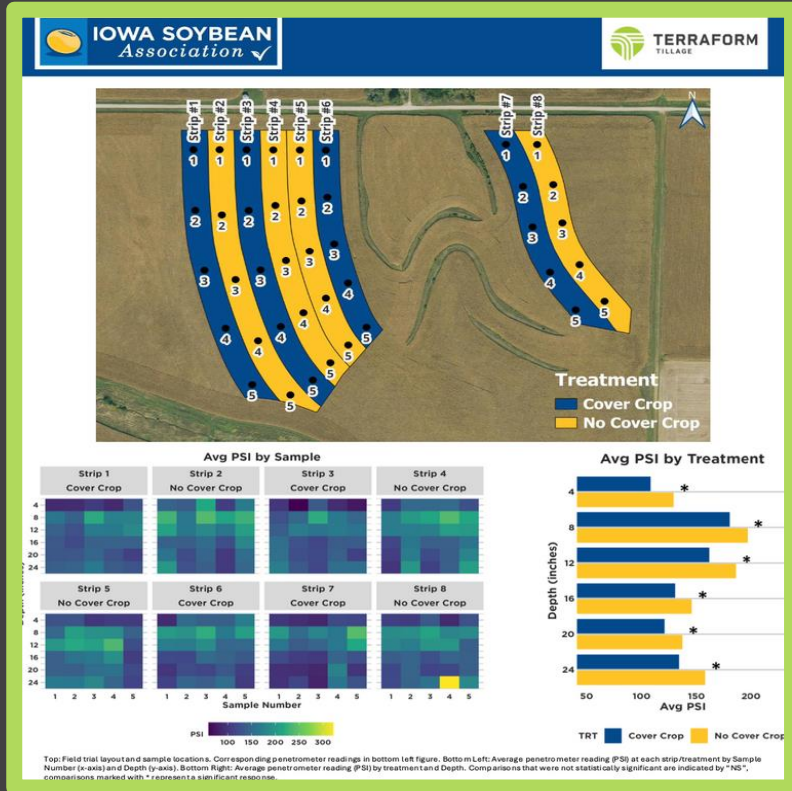
## Efficiently Managing Soil Compaction

# Innovative Solution #1



**Smartphone Enhanced Soil Compaction Testers**

# Cover Crops for Soil Compaction Management

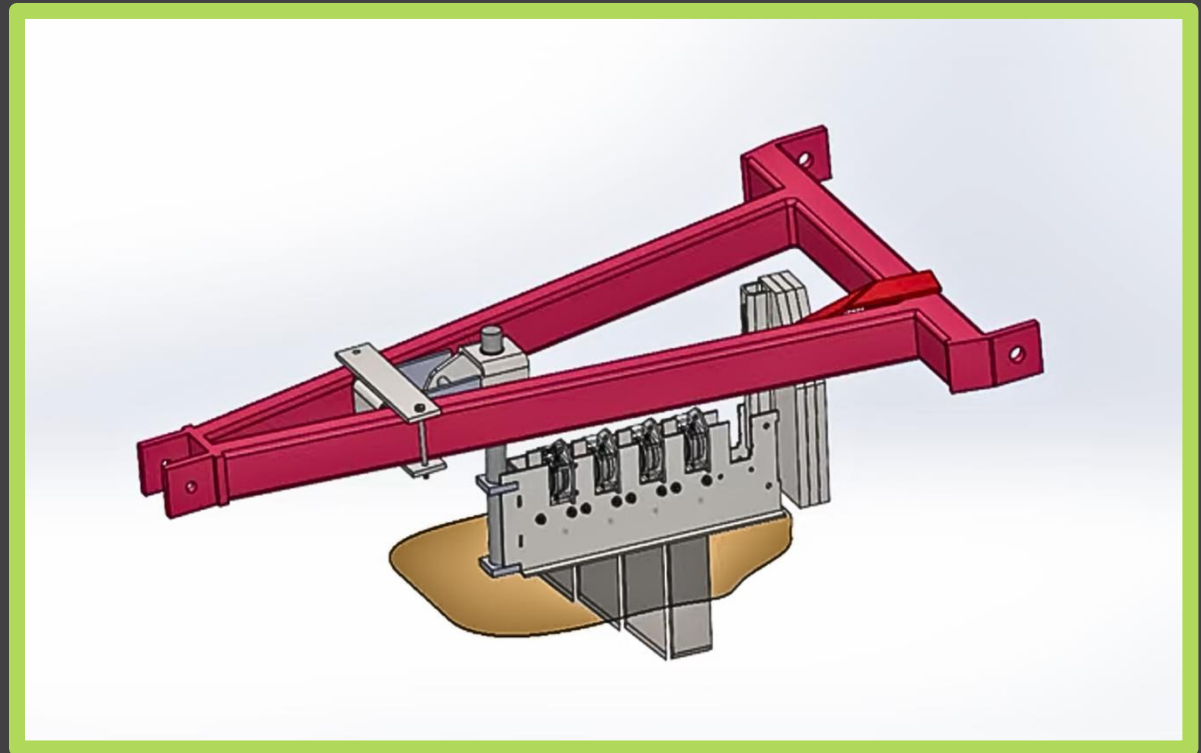
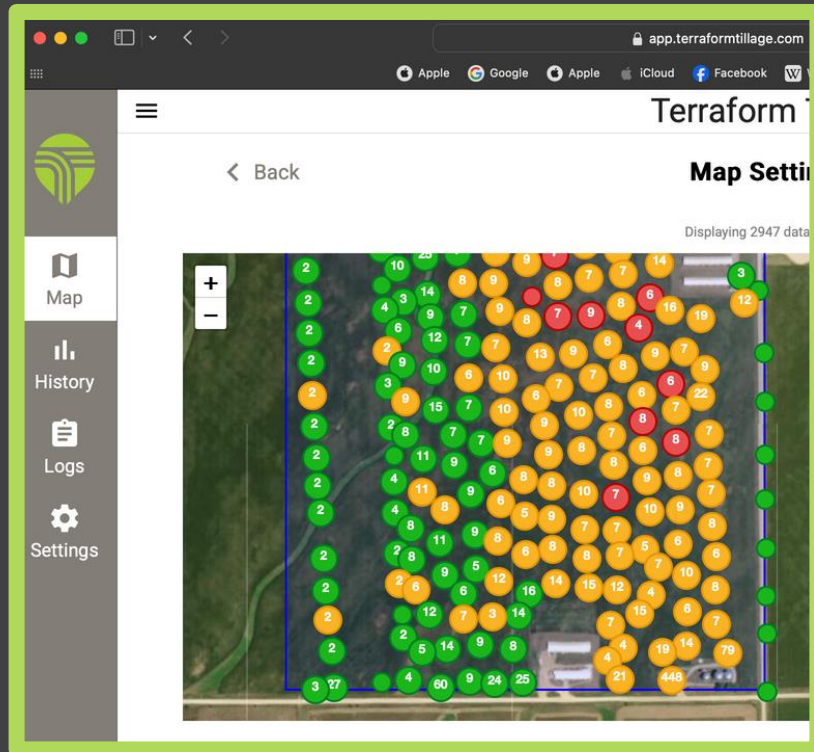


# Innovative Solution #2

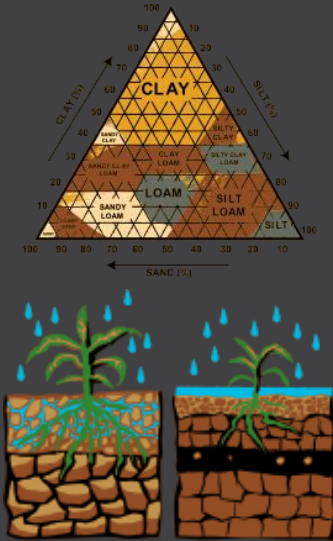
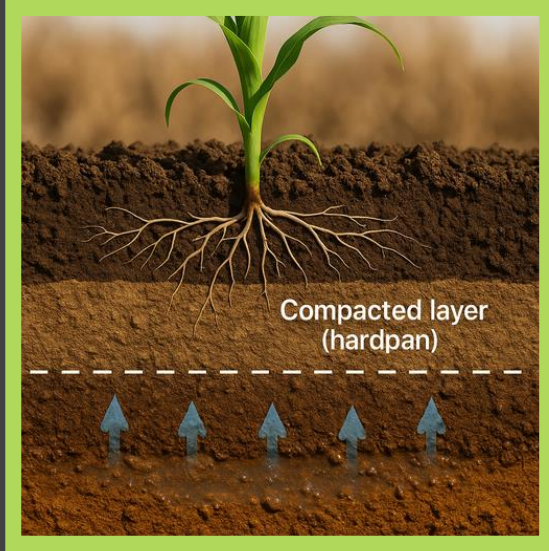


Soil Compaction Sensors for Tillage Implements

# Innovative Solution #3



**Drawbar-Mounted Multi-Depth Soil Compaction Sensors**



**Soil Compaction Data** + **Soil Texture & Soil Moisture** = **Variable Rate Tillage / Cover Crop Prescriptions**

# My Ask : Help me get these tools on more acres

## **Pilot Farms & Acres – 2026 Crop Year**

- Farmers of all tillage systems (with or without cover crops)
- Willing to host compaction mapping and check strips

## **Agronomists & Consultants**

- Interested in offering soil compaction mapping as a field service
- Help refine SmartProbe reports and tillage / cover crop prescriptions

## **Equipment and Dealer Connections**

- Introductions to tillage and strip-till manufacturers or local dealers
- Looking to add compaction sensing options to their toolbars



**TERRAFORM**  
TILLAGE

**Thank You!**

**Josh Jeske – Founder**

 - **641 751 9200**

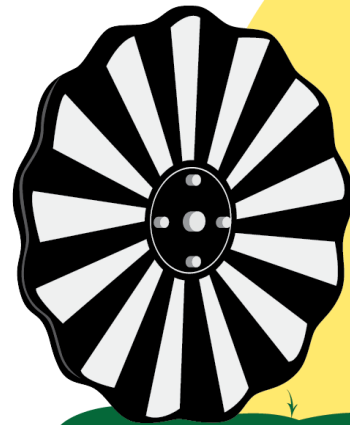
 - **jjeske@terraformtillage.com**

 - **Terraform Tillage**

 - **www.terraformtillage.com**



***Less guesswork. Less iron. Stronger soil.***



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**No-Till Shark Tank:  
Physagro  
Andy Dardini**



# Physagro



[www.physagro.com](http://www.physagro.com)



# Soil Action™

Real-Time Soil Chemistry. In-Field. On-Tractor.

OUR SOIL IS TALKING.  
IT'S TIME WE STARTED LISTENING.

Trapper Rieniets  
Product Manager



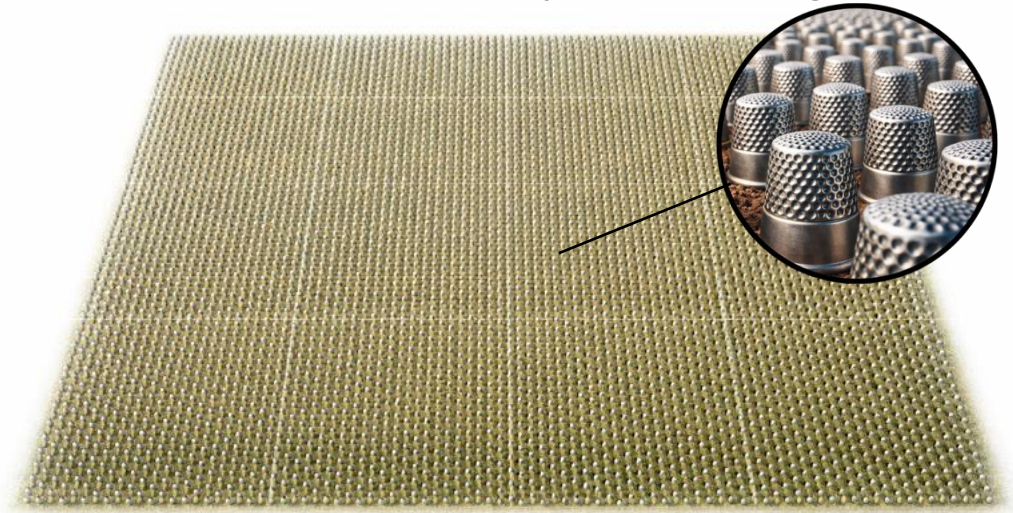
# THE LIMITS OF CONVENTIONAL SOIL TESTING

What we sample



1 thimble of soil in 2.5 acres

What's actually happening



31M thimbles of soil in 2.5 acres



# NOW WE CAN LISTEN TO SOIL IN REAL TIME



Across the entire field as you work.



# Vote Now!

Scan the QR to Cast  
your vote for  
No-Till Shark Tank



