

# Find Every Pocket Of Opportunity with SoilOptix® Field Mapping

Crop Tech Solutions now offers cutting-edge technology to provide the highest resolution soil maps available on the market. Take your variable rate applications to a new level and increase nutrient efficiency with SoilOptix®.

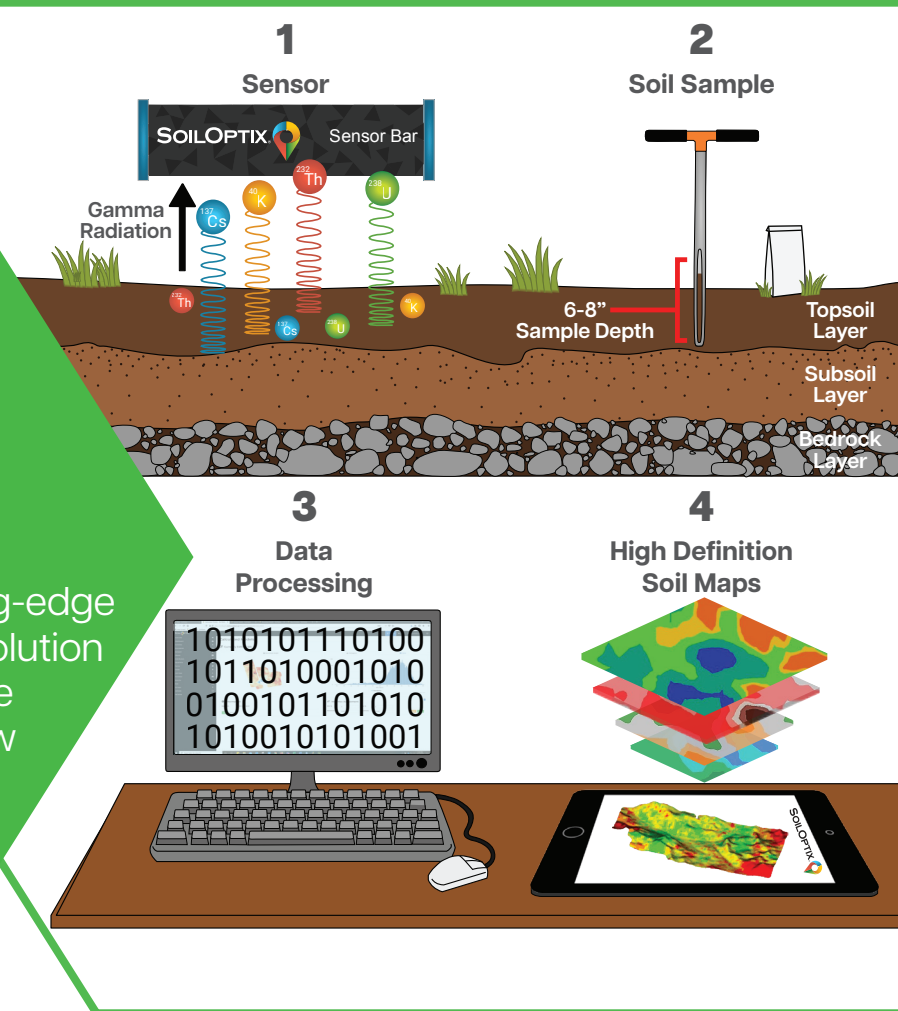


## ABOUT

SoilOptix® is a one-of-a-kind, premium top soil analysis system that sets the standard for accuracy and precision in agriculture; a value-added layer that fits into the everyday management decisions growers make on their fields.



Ask a Crop Tech Solutions consultant about the cost savings generated by using SoilOptix®. From start to finish, Crop Tech Solutions provides results that yield better returns on each acre across your farm.



## HOW IT WORKS

SoilOptix® uses a non-contact, pre-calibrated sensor. The sensor measures natural geological properties emitted from the soil's decay.

Traditional soil samples are taken at strategically placed locations. Samples are sent to a local lab for analysis and results are integrated into our final product.

High-definition nutrient & texture maps are returned to you at a resolution of **335 data points per acre**. Your Crop Tech Solutions consultant will use this precise information along with your other field data to help you make the most informed on-farm decisions, increasing your bottom-line potential.



Develop more accurate VRA prescriptions that meet the needs of your soil. SoilOptix® addresses the true variation of soil properties, enabling you to maximize profits.



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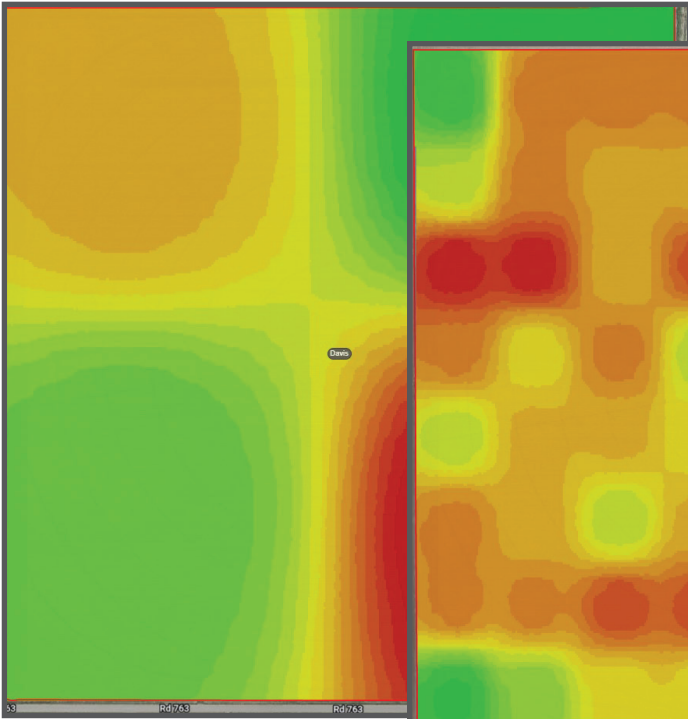


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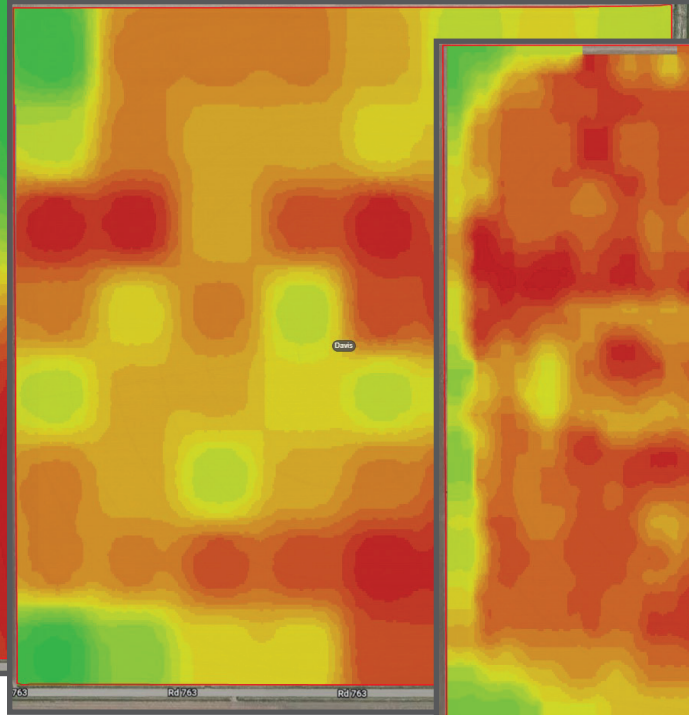
# 2.5ac Grid vs SoilOptix®

Optimizing - Not Saving



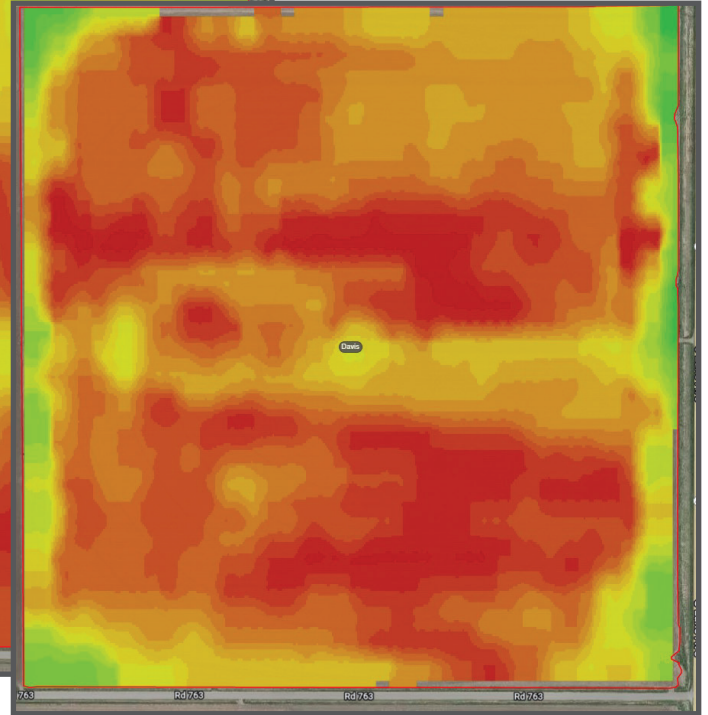
## Composite

4 data points



## 2.5ac Grid

64 data points  
\$28/ac Savings



## SoilOptix®

7,525 data points  
\$42/ac Savings



## Input Cost

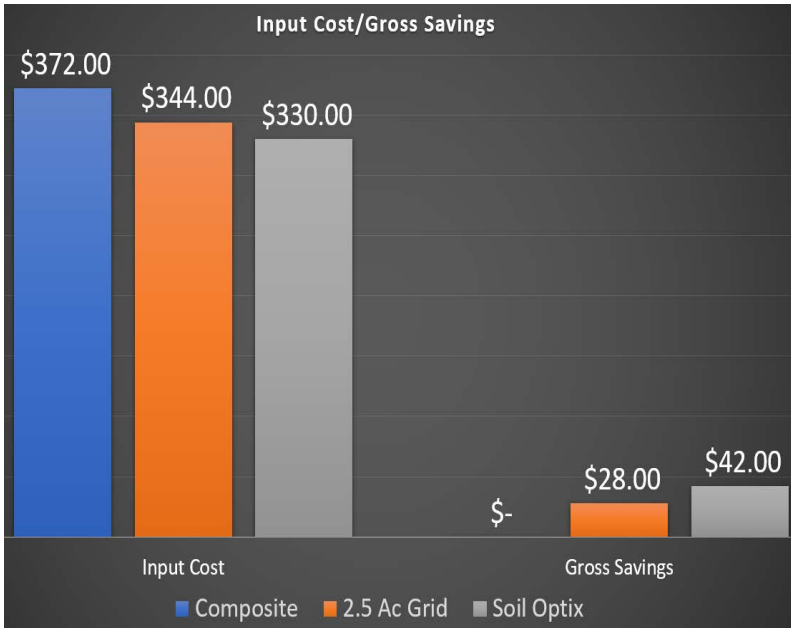
Gross Savings



## High-Definition Maps

Available Layers

Input Cost/Gross Savings



### Physical Properties

Clay  
Loam  
Cation Exchange Capacity

Sand  
Silt  
Organic Matter

### Macro Nutrients

Calcium  
Calcium Base Saturation  
Calcium-Magnesium Ration  
Magnesium  
Magnesium Base Saturation  
Potassium-Magnesium Ratio

pH  
Phosphorus-Bicarb  
Phosphorus-Bray  
Potassium  
Potassium Base Saturation  
Nitrate as N

### Micro Nutrients

Aluminum  
Boron  
Copper  
Iron

Manganese  
Sodium  
Sulfur  
Zinc

### Micro Nutrients

Bulk Density  
Plant Available Water

Leakability  
Elevation