



# VERIS

The Innovative Approach to Soil Mapping

## Soil Lab On Wheels

The most common methods of soil sampling are grid sampling and sampling by soil type. The Veris uses electroconductivity to create a map of relative differences in soil texture throughout the field.

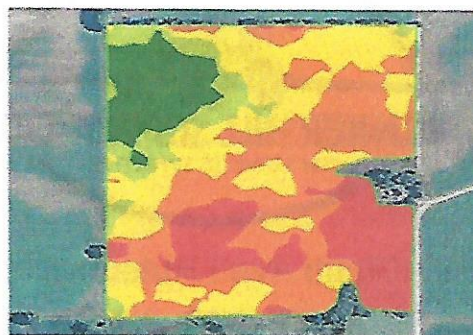
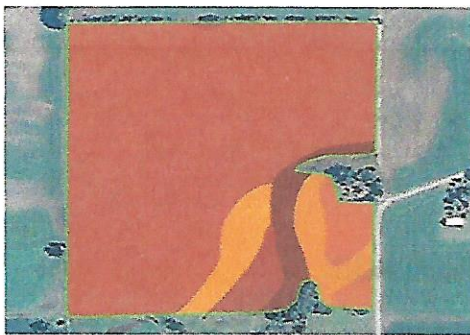
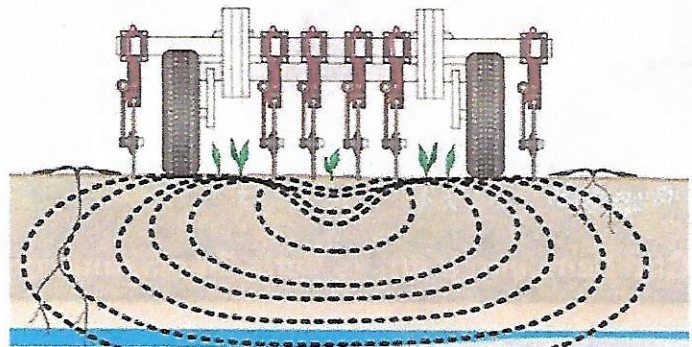
### Efficiency Is Everything

- *More Efficient Soil Sampling*
- *More Accurate Soil Map*
- *Usable Data For Variable Rating*



### How It Works

The Veris unit has six coulter that go into the ground. Two coulters in the middle send out an electrical current that is picked up by the other coulter. Clay particles conduct more current than silt, and silt conducts more than sand. The Veris produces a map of the field showing the relative differences in soil texture. The map is then divided into different groups based on electroconductivity. Soil samples are then taken from each of these different groups.



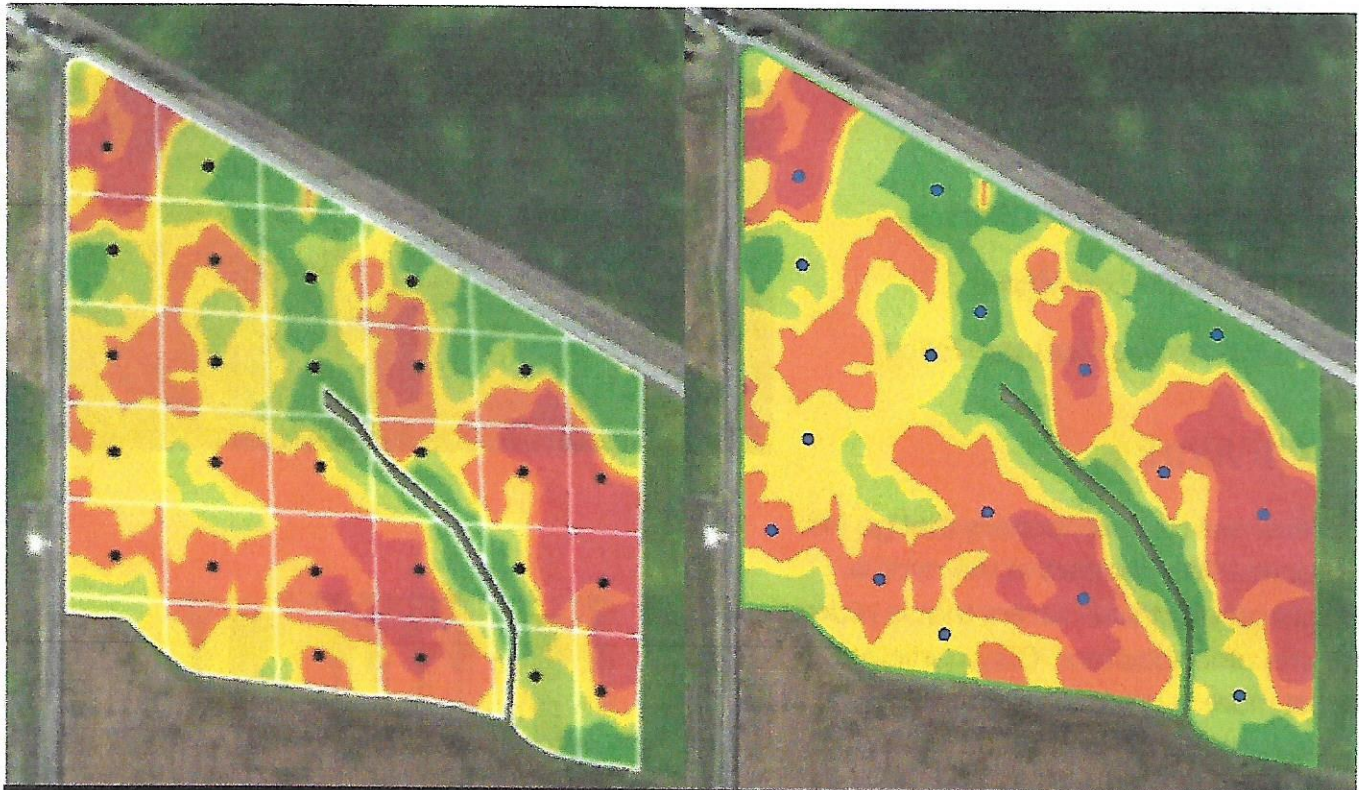
*The Veris creates a soil map that is a truer representation of your field.*

Standard Soil Survey Map (Left) vs. Veris Map (Right)

## An Easier Way to Soil Sample

Research shows that one soil sample taken per 15 acres using electroconductivity is equal to one sample in a 2.5 acre grid. However, most samplers will take one sample per 8-10 acres to be on the safe side.

The Veris unit only has to run over a field once because the soil texture of a field rarely changes.



Grid Sampling (Left) vs Veris Zone Sampling (Right)



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