



**AG LABORATORY  
& CONSULTING**



## GIS MAPPING with VERIS EC TECHNOLOGY

### WHAT IS VERIS EC MAPPING?

The Veris system utilizes GPS and the proven technology of soil electrical conductivity to identify areas of contrasting soil properties. EC values are measurements of soil texture – the grain size of soil. Soil texture is directly related to water-holding capacity, cation-exchange capacity, and soil depth.



### BENEFITS OF USING VERIS EC MAPPING

#### PRE-DEVELOPMENT

- Provides information to develop the proper agronomic management for a site
- Identify soils that have a high potential of Nitrogen & Nutrient leaching.
- Soil information for Root stock selection
- Pre-Development mapping for irrigation design and site configuration

#### IN SEASON MANAGEMENT

- Reduce annual soil sampling cost with GIS sampling
- Provides information to develop the proper agronomic management for sites
- Identify proper placement of monitoring equipment (Irrigation / Fertility Monitoring)

- Identify soils that have a high potential of Nitrogen & nutrient leaching.
- Identify Salinity variability issues
- Provided soil information to improve Irrigation Distribution Uniformity

#### COST BENEFIT

- 45% cost savings over traditional grid sampling.
- Maps are good for 5 years



#### PRICING

**\$11 per acre**

**(Does not include soil samples, agronomic reports and maps)**



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