

GPS Soil Sampling & VRT Options



GPS Soil Sampling

AgSource Laboratories GPS specialists take the hassle out of obtaining and interpreting soil sampling results.

Our specialists can:

- Recommend appropriate soil sampling methods
- Set-up zones or grids
- Pull, label and ship samples to the lab
- Interpret sample results

Soil Sampling Methods

AgSource Laboratories can help you scientifically sample your fields by grid, soil type, or management zones. Based on given frequency, typically 1, 2.5, 3.3, or 5-acre grids, soil cores are pulled at sample points throughout the field and recorded using Differential Global Positioning Services (DGPS) technology. The smaller the grid size, the more accurately you will be able to measure the variability of the nutrients within the field.

- **GPS** – gathering site-specific samples throughout a given field from equally divided sections. Samples are taken from the selected grid size (1, 2.5, 3.3 or 5-acres), providing good year-to-year consistency in sampling area.
- **Zone** – dividing a field into zones by grouping together similar values to accurately portray field's natural variations. A sample is taken within each zone and compared to other zones within the field.

Variable Rate File Creation and Recommendations

AgSource Laboratories can create VRT fertilizer spread files and VRT planting files for your operation. These files can be exported in over 20 different formats and are compatible with the latest precision based equipment. AgSource Laboratories can create VRT customized maps based on current soil test values, satellite imagery, soil type, yield, zone and more.

Contact AgSource Laboratories Today!

For more information about precision ag services, please contact: **Chuck Bolte**, GPS/NMP Supervisor
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