

Agrinetix has the industry's most advanced capabilities to retrieve, store, analyze, interpret, and present yield data.

Services range from basic, such as data extraction from a GPS-equipped yield monitor to be organized according to the most valuable information, including harvest yield by variety, harvest yield by field, harvest efficiency, and harvest downtime; to the most advanced services, including multi-variant comparisons of data to other comparable farms. We can help answer the questions that will hone a farm's input purchase decisions. For example, "What varieties yielded the best on other comparable farm fields?" or, "What is the optimum pH or soil type for BMR corn?"

Analyzed data can be reported electronically, in tabular format, maps, or in wall-size posters.

Competitively Priced Precision Ag Equipment

Agrinetix is a full-line provider of many of the most popular brands of Precision Ag equipment, including Precision Planting, Raven, Trimble, AgLeader, Leica, EGPS, AGPS, and more. Have the equipment installed, or install it yourself with Agrinetix support.

Precision Ag Equipment Setup, Maintenance, and Service

Agrinetix sells, installs, and supports Precision Ag equipment on farms. This service is applicable to all brands and products of Agrinetix and any competitor. Agrinetix is the leading expert in Precision Ag technology.

Data Acquisition and Smart Information Management

In order to utilize the data gathered by planting, yield, and spraying monitors, tiling and land-level-

ing software for the yield benefit of a farm and its agronomy program, Agrinetix consultants will export, process, and analyze a farm's data into tangible products that help the farm make strategic agronomic decisions.

ACS consultants, working with Agrinetix Advisors, will create VR prescriptions, field maps, and yield data reports for use in tailoring the farm's agronomic program to achieve higher yields. Consultants will teach farms how to extract and utilize data for their benefit and will help upload prescriptions or other data into their planting, yield, or navigation monitor for tracking purposes.

Agrinetix is a leading expert in Precision Ag technology.

Agricultural Consulting Services offers Independent Agronomy with a full range of crop consulting, soil sampling, Precision Ag support, and Environmental Compliance services.

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ACS

Agricultural Consulting Services

Measurement to Management

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PRECISION AG SERVICES FROM ACS AND AGRINETIX



ACS

Agricultural Consulting Services

Measurement to Management

PRECISION AG SERVICES FROM ACS AND AGRINETIX

Crop Technology Assessment (CTA)

A CTA provides an individualized assessment of your farm's current precision agriculture capabilities, identification of future strategies, and the creation of an action plan to achieve your Precision Ag goals.

Recommendations for services, such as yield analysis, electroconductivity (EC) mapping, pH mapping, and Variable-Rate (VR) technology can be made for a farm based on the information identified during a CTA. Identification of software and Precision Ag hardware needs would also be identified and defined for purchase as an outcome of this service.

These assessments will be done jointly with you, your ACS consultant, and the Agrinetix Precision Ag Consultant to ensure that everyone is on the same page when you are ready to begin implementing your plan.

Fields & Crops Manager Software

Keep all of your fields and crops information in one place. Fields & Crops Manager allows you to organize crop information and optimize yields by compiling the necessary data and information (recommendations and subfield management information) in a meaningful way, which can help you make better decisions while maintaining environmental compliance requirements.

Field Maps into your Tractor Screen

Our mapping department can create shape files that you can load into your guidance equipment, saving you time.



ACS

Agricultural Consulting Services

Measurement to Management

Subfield Management Sections

This service utilizes Geospatial Information System (GIS) statistical data analysis techniques to evaluate subfield variation and create management sections. The glacially formed soils of the Northeast are well known for the variability in their yields. Each soil type has unique productive capabilities and characteristics. In order to optimize yields, farm managers need to identify the variability within fields and manage on a subfield level.

Subfield Management Zones can be created with several kinds of data, including electroconductivity (EC) data and yield data. To finalize these zones, a Service Manager must meet with a farm to present and explain the management zones in draft proposal format. Further refinements are often made with input from the farm before the final management zones are created and defined.

Electroconductivity (EC) Mapping

This service allows the farm to map soil type variation within fields at a level of precision and accuracy never before possible.

In-field electroconductivity data is collected through the use of Veris Technologies' EC machine. After the data is compiled and statistically analyzed by GIS specialists, an ACS agronomist reviews the data for each field and creates subfield management zones.

New EC maps will then be made available to the client on paper and electronically.

pH Mapping and Variable Rate (VR) Prescriptions

Optimization of soil pH continues to be one of the most common obstacles to achieving higher yields. This service allows farm managers to identify the minor variations in pH that occur across most fields and to fine-tune lime application to address even the slightest variations in pH.

In consultation with the Service Manager, the farm decides the intensity of the mapping (number of points per field). Once the map is developed, the ACS Service Manager will create a VR lime prescription and provide the prescription on paper and electronically to the farm and to their lime applicator.

Variable Rate (VR) Fertility Manager

Through this service, we have the capability to provide quick, convenient, and affordable electronic prescriptions for fertilizer or manure to any farm. A Service Manager can base farm field prescriptions from subfield soil sample data, grid sample data, or yield maps.

Variable-Rate (VR) Seed Manager

This service serves to optimize seeding rates and plan populations using EC management zones, yield maps, or soil survey maps. Prescriptions are then provided in paper map format and electronically to the farm.

Agrinetix is capable of inexpensively retrofitting your conventional planters to convert them to variable rate planters. Agrinetix sells and services these systems.

Yield Summary and Analysis

Yield maps are said to be "the single most valuable dataset available to growers and their consultants."