

GeoTech™ Insight Platform by WinField United

ACTIVATE ULTIMATE EFFICIENCY IN FACILITY MANAGEMENT

The GeoTech™ insight platform is a comprehensive facility management system that is designed to leverage the full power of imagery from satellites, airplanes and drones, using it to:

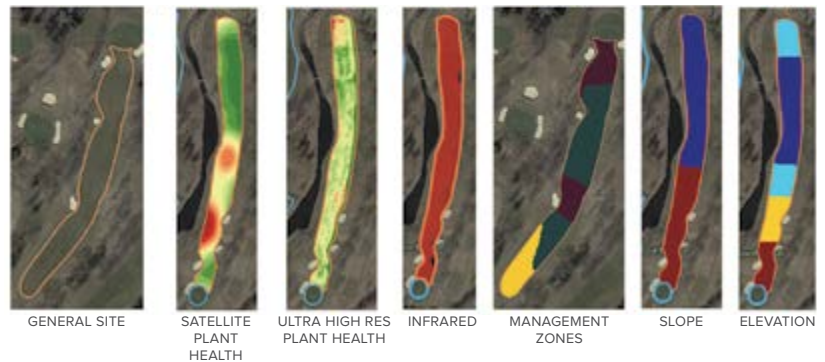
- Identify and document plant health concerns.
- Design corrective solutions.
- Make precise input applications.
- Keep track of treatments and results.



UTILIZE PLANT HEALTH ASSESSMENT MAPPING

Take a bird's-eye view of your facility with your feet planted on the ground. The GeoTech™ Insight Platform analyzes aerial imagery and generates the following maps to help industry professionals see what the eye cannot.

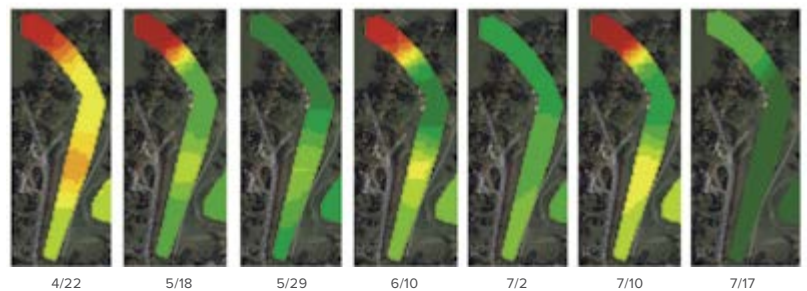
- General Site Map: Defines the site being analyzed.
- Plant Health Assessment: A proprietary algorithm designates Normalized Difference Vegetation Index (NDVI) measurements for specified dates, showing variances and differences in plant health.
- Management Zones Map: Categorizes treatment areas based on plant health data and user input, which can be loaded into GPS sprayers to apply inputs at variable rates.
- Manual layers: Site-specific soil samples, tissue samples and irrigation levels can be uploaded to overlay data.



Performance Over Time

The GeoTech™ insight platform creates these maps through the use of:

- In-season ultra high-resolution imagery taken by airplanes or drones.
- In-season satellite imagery.
- 20 years of historical satellite imagery.



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SCOUT GROUNDS MORE EFFICIENTLY

Spend less time identifying problem areas and more time correcting them. The GeoTech™ insight platform streamlines the scouting process by providing superintendents and other managers an easy-to-use dashboard to identify, record and track problems.

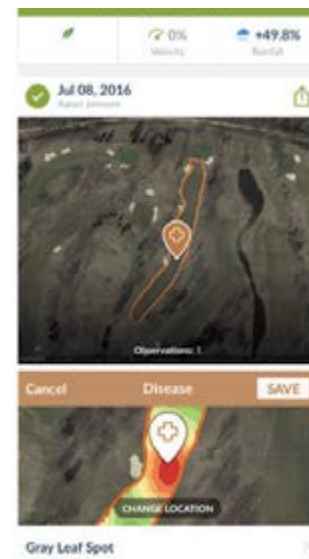
- The GeoTech™ insight platform provides staff with one central location to upload the notes and photos they take while scouting, geo-tag the information and make it readily accessible to the core group of decision makers.
- This centralized data hub simplifies the record-keeping process through reducing the potential for errors by ensuring everyone has access to the same information.
- Plant health imagery from satellites, airplanes and/or drones helps managers save time and potentially reduce labor costs by highlighting areas that require scouting.



PRESCRIBE VARIABLE RATE SOLUTIONS

Help improve sustainability and manage costs by placing the appropriate amount of inputs on every square yard. Nothing more, nothing less.

- Variable rate technology utilizes the efficiency of GPS sprayers to automatically deliver precise, pre-determined amounts of product to each target area.
- Golf course superintendents and managers can optimize performance, manage costs and help sustainability by ensuring that inputs like plant nutrition products, herbicides, insecticides, fungicides, plant growth regulators (PGRs) and even water aren't applied where they aren't needed.
- Variable rate maps are built using plant health data and a user's site-specific knowledge to optimize the rates that are applied on given areas of a site.



To learn more about realizing the benefits of the GeoTech™ insight platform on your grounds, contact your WinField United representative or visit winfieldunitedpro.com.

