P&P Services

CONSULTING

August 2023 - July2024

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Survey

Completed with RTK/PPK Drone

- **Ridge** Polypipe Guidance Line / **Field Elevation Analysis Maps** — $5.00/ac
- **Levee** Guidance Lines — $7.50/ac
- **Drainage** Guidance Lines — $7.50/ac
- **Cut Sheets / Land Leveling Estimates** — $10.00/ac

****Minimum Drone Survey Acres = 150/ac per day (Under 150/ac = $150/hr)****
**** Combination pricing available upon request****
****Ground Survey ($175/hr) Available if Field Conditions not suitable for Drone****
****Drone Mapping Services not identified above are by the hour at $150/hr****

Ag Data Management

Agriculture Data Management & Analysis (Deere/Trimble/Case/New Holland)

- **Agriculture Data Management Package** — **$3.00/ac**
  - **Display Setup** — $1.50/ac
    - Display clean up (Client / Farm / Field)
    - Guidance Line Managment (AB Lines, Levees, Polypipe Highs, Ditches, Etc.)
  - **Yield Data** Processing and Analysis — $1.50/ac
  - **Prescriptions** for shut off on Polylines, Variable Rate Applications — $1.50/ac

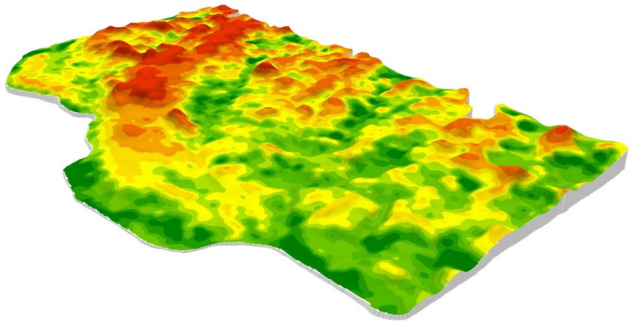
Other Services

- **SWAT Maps Soil EC Mapping with RTK Survey (50ft Swath)** — $10.00/ac
- **Zone Soil Sampling with Variable Rate Planting and Fertility Prescriptions** — $5.00/ac
- **Field Edge Surveying/Pipe Planner/Multiple Inlet Rice Irrigation Designs** — $150/hr
- **Plant Health Imagery Services** — $150/hr
  - Regular / Multispecteral (NDVI) Imagery
  - Can Cover 500-2000 Acres a Day

SWAT MAPS

Zones

1 2 3 4 5 6 7 8 9 10



Soil, Water, and Topography MAPS are high resolution soil foundation map s used to execute variable rate fertilizer, seed, soil amendment, herbicide, and precision water management. They are built using the trademarked and patented process.

Soil

Factors such as soil texture, soil organic matter levels, topsoil depth, and salinity all impact yield and fertilizer response.

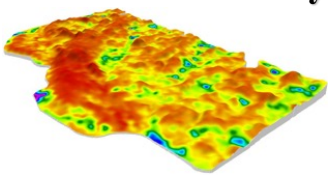
Water

Water has the most profound influence on yield and fertilizer response. SWAT MAPS delineate dry versus wet areas of the field into zones for management.

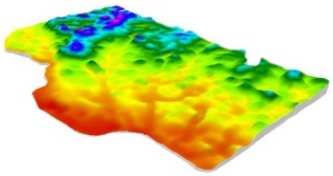
Topography

Topography describes landscape position (knoll, mid-slope, depression) and influences moisture, erosion, organic matter levels, pH, and soil fertility levels.

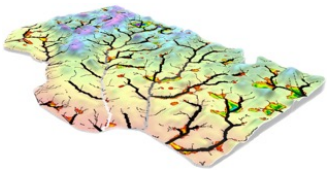
Electro Conductivity



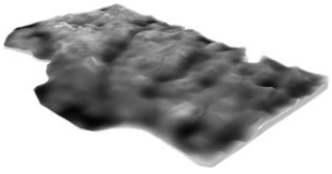
Elevation



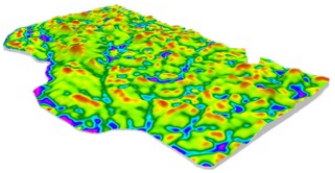
Water Flow



Organic Matter



Topography



1 2 3 4 5 6 7 8 9 10

Zone 1,2
eroded knolls, hills, sandy, dry

Zone 3,4
upper slopes, water shedding

Zone 5,6
mid-slopes, flat areas, average

Zone 7,8
toe slopes, lower flats

Zone 9,10
water collecting depressions, high clay c

SWAT Map