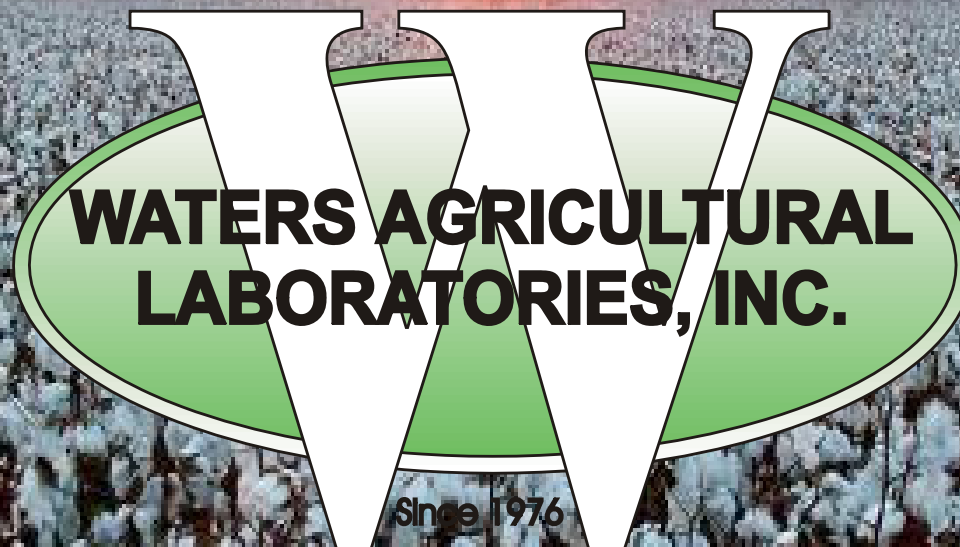


# James McCollum



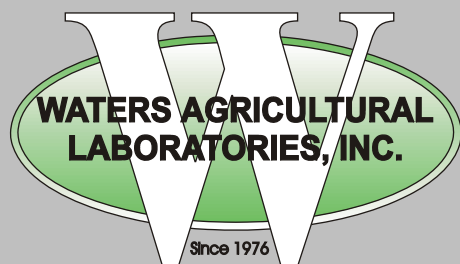
Since 1976

# History

- Dr. Raymond Waters Established Waters Agricultural Laboratories in 1976.
- We now have 4 locations:
  - Camilla, Georgia(1976)
  - Owensboro, Kentucky(2000)
  - Warsaw, North Carolina (2014)
  - **Vicksburg, Mississippi (2019)**

**NEW LOCATION!!**

**VICKSBURG,  
MISSISSIPPI**



## **Waters Agricultural Laboratories, Inc. Analytical and Microbiological Services**

- Soil Testing
- Nematode Assays
- Plant Analysis
- Citrus, Peach, & Pecan Nutrient Program
- Pine/Hardwood Foliage Analysis
- Fertilizer Analysis
- Limestone and Gypsum Materials
- Feed Analysis
- Manure and Sludge Analysis
- Heavy Metal Analysis
- Microbiological Analysis
- Water Analysis
- Herbicide & Pesticide Residue Analysis
- Herbicide & Pesticide Analysis
- Aflatoxins and Mycotoxins
- Cotton Programs
- Onion Programs
- Golf Course Turf Management Program
- Precision Agricultural Mapping Services
- FieldAlytics/Agrian Mapping Services
- Research Analysis

# Research for Companies and Universities

- Monsanto for Nematode studies
- NFSA- Tissue for fertility
- Agronomy Soils Dept.- Georgia soil-tissue-  
Cotton Petiole
- NC State- Soil Projects, Research Wheat
- Complimentary samples for some projects
- Research on cotton tissue and Petiole- UGA

# High Analytical Standards

- **Quality Control Program**
- **Qualified Personnel**
- **Modern Equipment**
- **Accepted Procedures (AOAC)**
- **Method Suitable For Soils In Different Regions**

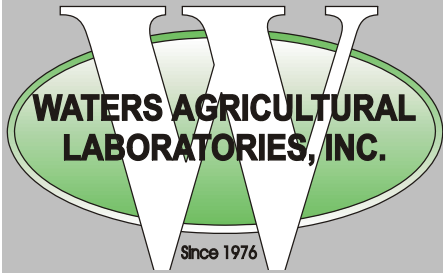
# Certifications, Accreditation, and Proficiency Programs

- North American Proficiency Testing Program (NAPT)
- USDA Food Safety Inspection Service Accreditation (USDA/FSIS)
- USDA Agricultural Marketing Service (USDA/AMS)
- Association of American Pesticide Control Officials (AAPCO)
- Minnesota Department of Agriculture Manure Testing Laboratory Certification
- Illinois Soil Testing Association
- Association of American Plant Control Officials Magruder Fertilizer Check Program (AAPFCO)
- North Carolina Department of Environmental and Natural Resources Division of Water Quality (NCDENR/DWQ)
- Association of Fertilizer and Phosphate Chemists (AFPC)
- Association of American Feed Control Officials (AAFCO)
- National Forage Testing Association (NFTA)
- AOAC Pathogen Free M02 Microbiological Program
- AOAC Pathogen Free M01 Microbiological Program
- Agricultural Laboratory Proficiency Program (ALP)
- American Oil Chemists' Society (AOCS)
- NSI Solutions
- **ISO17025 Microbiological/Chlorinated Pesticide Analysis**

# Associations, Membership, and Affiliations

- Soil and Plant Analysis Council
- North Carolina Agricultural Consultants Association
- Georgia Association of Professional Agricultural Consultants
- Louisiana Ag Consultants Association
- Mississippi Ag Consultants Association
- Association of Florida Phosphate Chemists
- Association of American Plant Control Officials
- Association of American Feed Control Officials
- AOAC International
- Fluid Fertilizer Foundation
- Georgia Plant Food Association
- Georgia Fruit & Vegetable Association
- Florida Fruit & Vegetable Association
- Georgia Golf Course Superintendents Association





Waters Agricultural Laboratories, Inc.

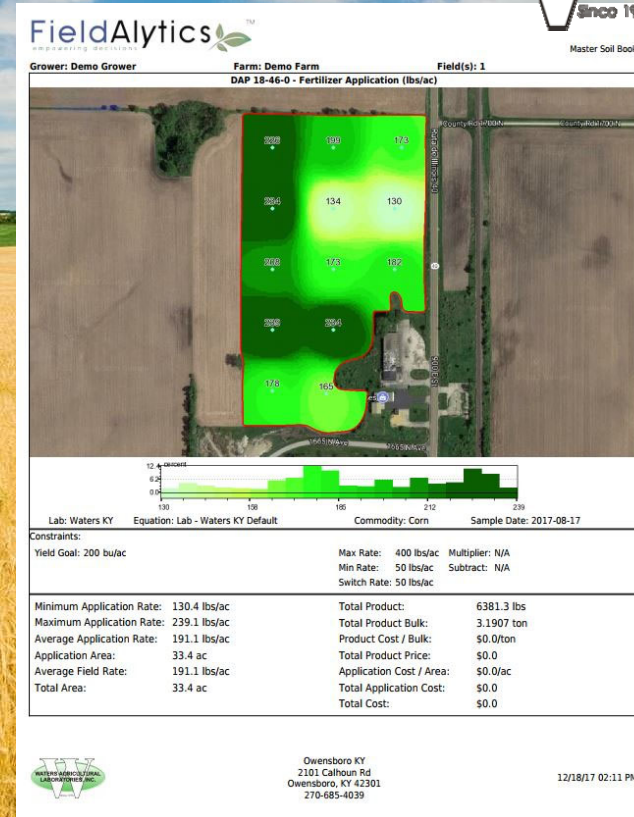
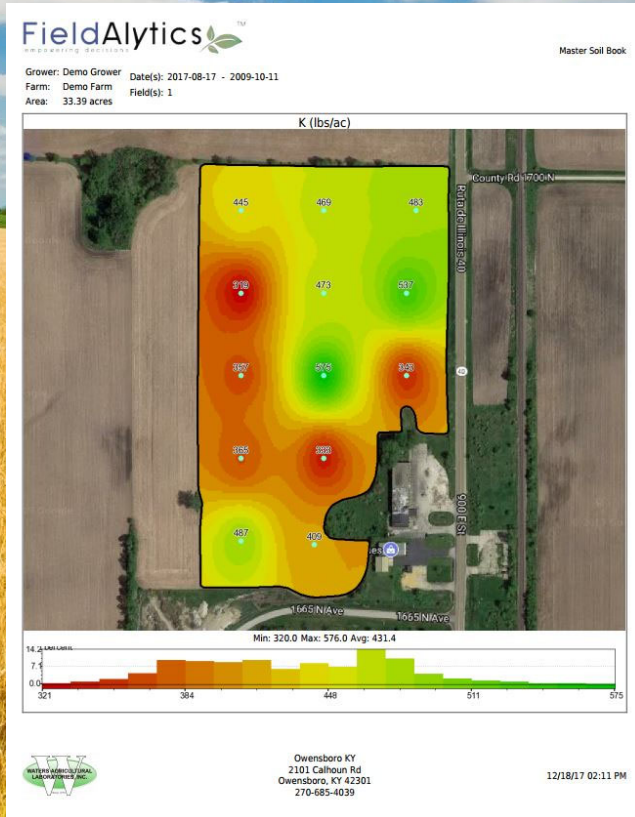
## **LAB-TALK ONLINE**

Analytical Data Management System

- Sample Viewing Screens
- Graphic Reports
- Yearly Comparisons
- Sample Based Averaging
- Precision Ag Reports and Exports
- Change Crop Recommendations on the Fly
- Supplies (sample bags/containers, shipping boxes and labels, soil probes)
- View and pay invoices online
- LAB-TALK *ONLINE* is **FREE**



WATERS AGRICULTURAL LABORATORIES, INC.  
**Precision Ag**  
 MAPPING SERVICES



# Precision Agriculture

- We are re-sellers for Field Alytics and Agrian Software.
- Full staff to help customers with mapping and RX recommendation files.
- We offer full support to all customers from start to finish.

## Features Soil Data

Yield Data

Fertiltiy Maps

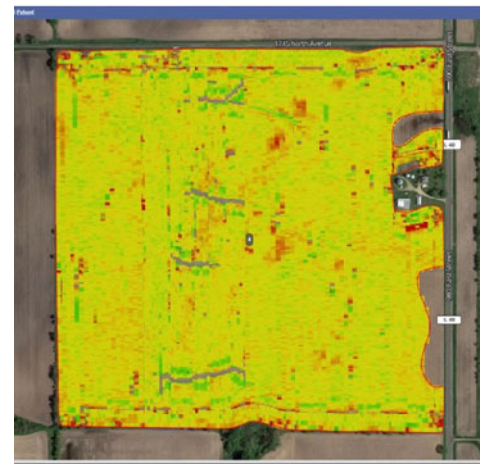
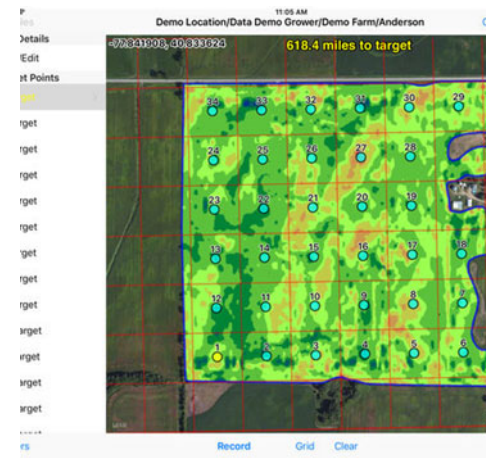
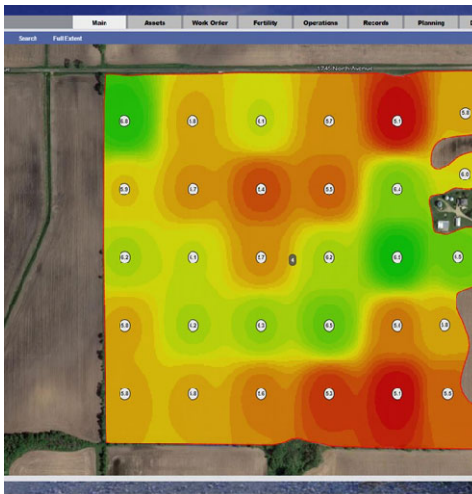
Rx Files

Imagery

VR Seeding

As-Applied/Planted

Various Thirld-Party Integratons



**FAST**  
24-48 hour turnaround  
**BACK**



**24-48 Hour  
Turnaround**

DON'T GUESS – SOIL TEST  
And  
MONITOR the PLANT with  
TISSUE ANALYSIS

LET'S GO PULL SOME SOIL  
SAMPLES



THANK  
YOU-

James McCollum