



# CROP QUEST



## PRECISION AGRONOMY

less worry, less  
risk & more growth  
potential

# ABOUT US

**Proudly serving farmers with unbiased expertise since 1992.**

Founded in 1992, Crop Quest was built on a vision: to provide honest, independent agronomic advice to farmers across the High Plains. We're a company made up of agronomists and specialists, not salespeople, and our only goal is helping you make the best decisions for your operation.

We've grown to serve producers in seven states while staying true to our roots: practical service, strong relationships, and long-term success for every grower we work with.

## WHAT MAKES US DIFFERENT?

We're not just employees, we're owners. In 1992, Crop Quest started as 100% employee owned. That means every person you work with is directly invested in doing what's right for you and your farm. Ownership drives our accountability, our work ethic, and our pride in results.

## A CULTURE THAT GROWS WITH YOU

Our team spans generations. We're dedicated to building careers in agriculture, whether that means mentoring interns, supporting experienced agronomists, or staying ahead of what's next in the industry.

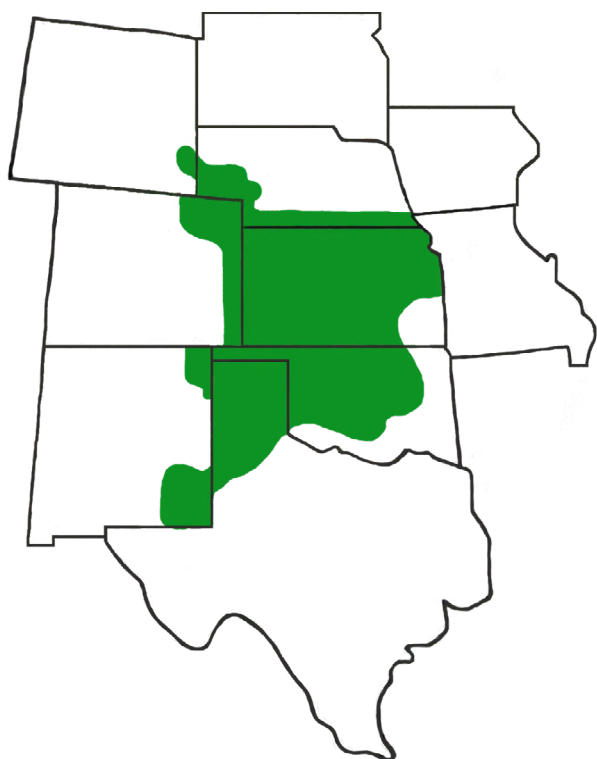
We're here for the long haul, just like the growers we serve.





# OUR NETWORK

Our network of Agronomists and Precision Ag Specialists offer unbiased crop production recommendations to producers in multiple states across the High Plains, and imagery services world-wide.



**100%** Independent and Employee Owned.

Consulting on more than  
**1.7 MILLION ACRES**  
across the High Plains.

Producers in **7 STATES.**

**We sell no products, we only provide professional recommendations.**

# CROP CONSULTING

Our network of Agronomists can customize consulting packages to fit any size of operation.

## FOUNDATION DATA

- Soil Texture, EM, OM, pH, Elevation
- Grid Sampling
- Zone Sampling
- Composite Sampling
- Yield Maps

## MANAGEMENT ZONES

- Variable Rate Seeding, Fertility, & Growth Regulators
- Variable Rate Irrigation

## CROP MONITORING

- Regular Field Checks
- Scheduling
- Recommendations
- Reporting
- Imagery
- Equipment Calibration

## CROP PLANNING

- Crop Budgets
- Crop Rotation
- Fertility Management
- Seed Selection
- Yield Analysis
- Field Maps
- Record Keeping

## WATER MANAGEMENT

- Water Meter Log
- Water Drainage Solutions
- Topo Services
- Sprinkler Nozzle Efficiency
- Irrigation Management



**CROP QUEST IS AN EMPLOYEE OWNED COMPANY DEDICATED TO PROVIDING THE HIGHEST QUALITY AGRICULTURAL SERVICES FOR EACH CUSTOMER.**

**THE QUEST OF OUR NETWORK OF PROFESSIONALS IS TO PRACTICE INTEGRITY & INNOVATION TO ENSURE OUR SERVICES ARE ECONOMICALLY & ENVIRONMENTALLY SOUND.**



# SOIL TEXTURE EM DATA

## MAPPING WHAT YOU CAN'T SEE

### What Is It?

Electromagnetic (EM) mapping measures soil electrical conductivity (EC) to identify differences in soil texture, moisture, and organic matter.

### Why It Matters

Soil texture affects:

- Water & nutrient movement
- Crop performance
- Fertility & seeding decisions

Knowing these zones helps tailor your management.

## HOW IT WORKS

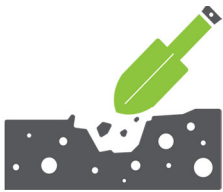
Sensors send currents into the soil, denser soils (like clay) conduct more. Data is collected in real time with GPS to create detailed zone maps.

### The Benefits

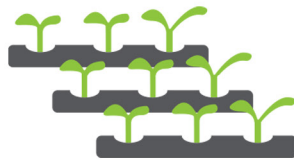
- Smarter input placement
- Variable-rate options
- Better ROI
- Improved yield potential

# FOUNDATION DATA

KNOW YOUR FIELDS BELOW THE SURFACE.



Soil Texture



Elevation



pH



Organic Matter

## Why Start With Soil Properties?

Mapping your soil will give you the basis for building management zones. We can build many recommendations and prescriptions once management zones are created.



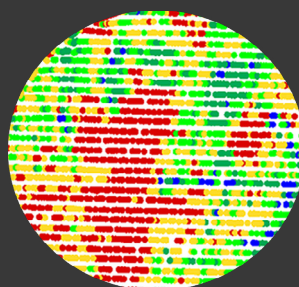


# SOIL SAMPLING

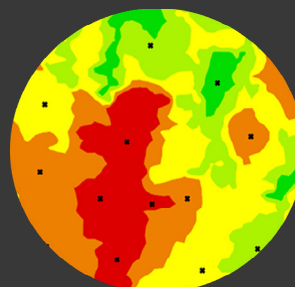
## Zone Sampling

Identify productivity zones.

Collect samples from zones that have similar underlying soil types or properties.



EC/EM Data

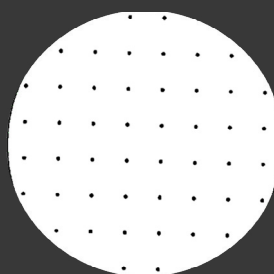


Interpolated Results

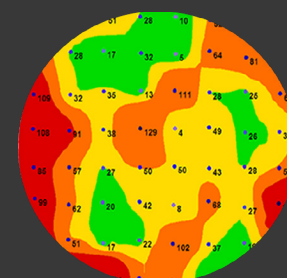
## Grid Sampling

Fine-tune where nutrients or amendments may be necessary.

Best for pin-pointing specific nutrient levels throughout the field.



Grid Points



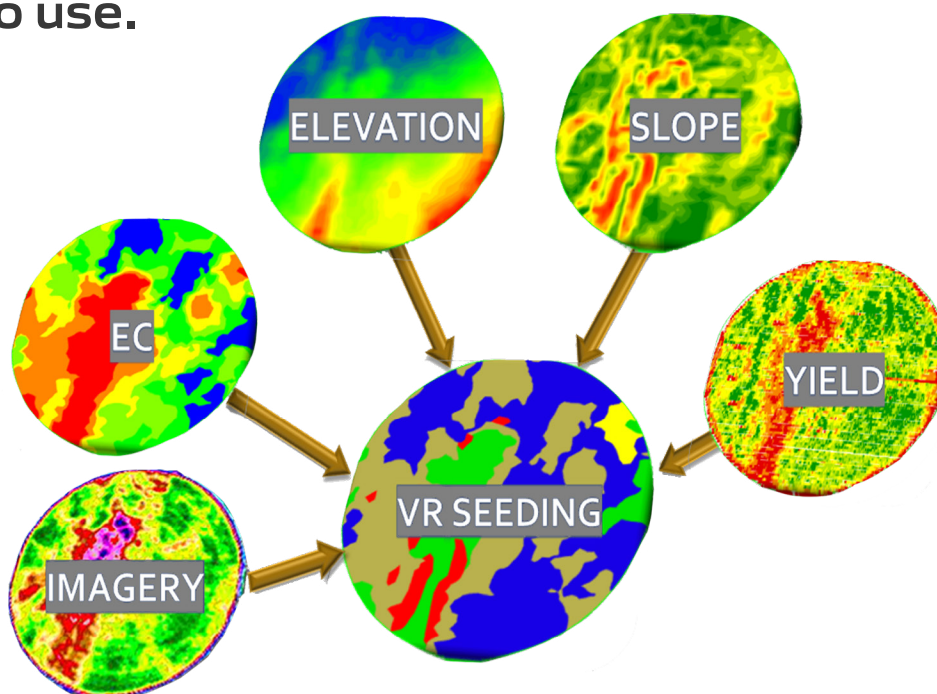
Interpolated Results



# MANAGEMENT ZONES

Group areas within a field that have similar characteristics into management zones. Higher efficiency is attained with variable rate applications.

**Work with your Crop Quest Agronomist to determine the best layers to use.**



# VARIABLE RATE FERTILITY

Utilizing grid samples, soil EC/EM data, pH, and organic matter to put the right **product**, at the right **rate**, on the right **zone**, at the right **time**.

**Increase your ROI with variable rate applications.**



## Soil Amendments

Variable applications of higher priced inputs like lime or gypsum can save significantly on input costs.



## Fertilizer Applications

Deliver nutrients at variable rates to match the fertility needs of the crop.



## Manure Applications

Manure spreaders can be set up for variable applications as well.

# CROP MONITORING

**Much more than just a scout.**

Practicing **integrated pest management**, we monitor the overall health and progress of the crop.

**Regular quality checks** help minimize risk and control issues before they become a problem.

**We only offer quality service and do not sell any products.  
Think of us as your dedicated operational partner.**

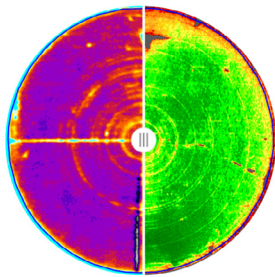




# IMAGERY

## Get a bird's eye view of your field.

Turning images into usable information.



### Satellite Imagery

- Multiple images per month
- Monitor field progress throughout the season



### UAV Imagery

- Captures high definition photos or videos

**Crop Damage - Pest Damage - Irrigation Patterns**



# CROP PLANNING

## PRE-SEASON & IN-SEASON PLANNING

### Services that fit your operation.

Our Crop Quest Agronomists focus year round on the services that best fit your operation. Crop Quest assists clients in planning crop rotation, taking into account herbicide use, crop prices, weed problems and other variables. As a part of our full service program, our Agronomists can also generate crop budgets for each field.



Crop  
Rotation



Crop  
Budget



Fertility  
Management



Seed  
Selection



Irrigation  
Scheduling

**A little bit of planning can help ease you through the unexpected.**

# VARIABLE RATE PRESCRIPTIONS

**We consult with farmers on setting up variable rate prescriptions:**

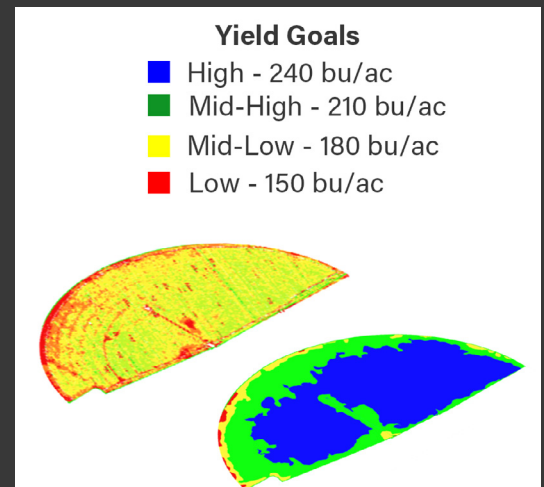
- VR Seeding
- VR Multi-Hybrid Seeding
- VR Fertility
- VR Irrigation

## YIELD ANALYSIS

Discover geospatial trends and establish yield goals through multiple years of data.

Refine management zones and develop an action plan to improve VR nutrient applications.

**Stop throwing dollars away on the blanket approach.**



# PARAMOUNT REPORTS

Get your data anytime, anywhere.

Created by Crop Quest, Paramount Reports is designed to work for you, whether you're in the field or at home, and on any device.

**CROP QUEST**

**Field Report**  
Crop Quest, Inc.  
1204 W. Frontview St. Dodge City KS 67801  
<https://www.cropquest.com>

**Crop: Corn**  
Completed on: 07/29  
119 ac

**Crop Scouting**  
Growth Stage: Blister  
Condition: 5 - Average  
Soil Moisture Status: Crop Available Water: 0.99 in / 4.0 ft Water Depleted: 22%  
Forecast Water Use: 7 Day PET: 2.29 in / week  

|                           | Mon     | Tue     | Wed     | Thu     | Fri     |
|---------------------------|---------|---------|---------|---------|---------|
| Crop Available Soil Water | 0.99 in | 0.72 in | 0.33 in | 0.00 in | 0.00 in |
| Crop Water Use            | 0.27 in | 0.39 in | 0.45 in | 0.45 in | 0.32 in |

Run continuous

| Pest                          | Severity | Infestation Level | Stage   | Location   |
|-------------------------------|----------|-------------------|---------|------------|
| Rootworm Beetle, Western Corn | Light    |                   | Adults  |            |
| Mite, Banks Grass             | Trace    |                   | Adults  |            |
| Leaf Spot, Gray               | Light    |                   | Lesions | Lower Leaf |

Comments:  
Mites and GLS still low on the plant. Ears look like they pollinated decent. No major problems.

**Crop: Soybean**

**Crop Scouting**  
Growth Stage: 1st Bloom  
Condition: 5 - Average  
Soil Moisture Status: Crop Available Water: 0.99 in / 4.0 ft Water Depleted: 22%  
Forecast Water Use: 7 Day PET: 1.37 in / week  

|                           | Mon     | Tue     | Wed     | Thu     |
|---------------------------|---------|---------|---------|---------|
| Crop Available Soil Water | 0.99 in | 0.83 in | 0.60 in | 0.33 in |
| Crop Water Use            | 0.16 in | 0.23 in | 0.27 in | 0.27 in |

Run 3-4 days, then go to corn

Verizon 12:10 PM JM Joe >

Today 9:23 AM

This week's field report.  
Field Report  
McDonald Farms

Paramount Reports  
<app.paramountreports.com>

We need to treat weeds on  
Smith Circle.  
Recommendation Summary  
McDonald Farms

Paramount Reports  
<app.paramountreports.com>

Do the beans need sprayed today?

Wednesday at the latest.





# DETAILED FIELD REPORTS

Each report contains weed, insect and disease scouting results, maps highlighting field conditions, irrigation scheduling information and ag-chemical recommendations.

## Understand your farm, from soil to software.

- Growth Stage by Date
- Soil Test Summary
- Crop Population
- Recommendation Summary
- Management Zone Soil Tests
- Management Zone Prescriptions
- Soil Moisture Chart
- Pre-Season Field Plan
- Sprayer Load Sheet
- Supply List
- Soil Test Charts
- Irrigation Recommendation

# EXCESS SOIL FERTILITY STUDY

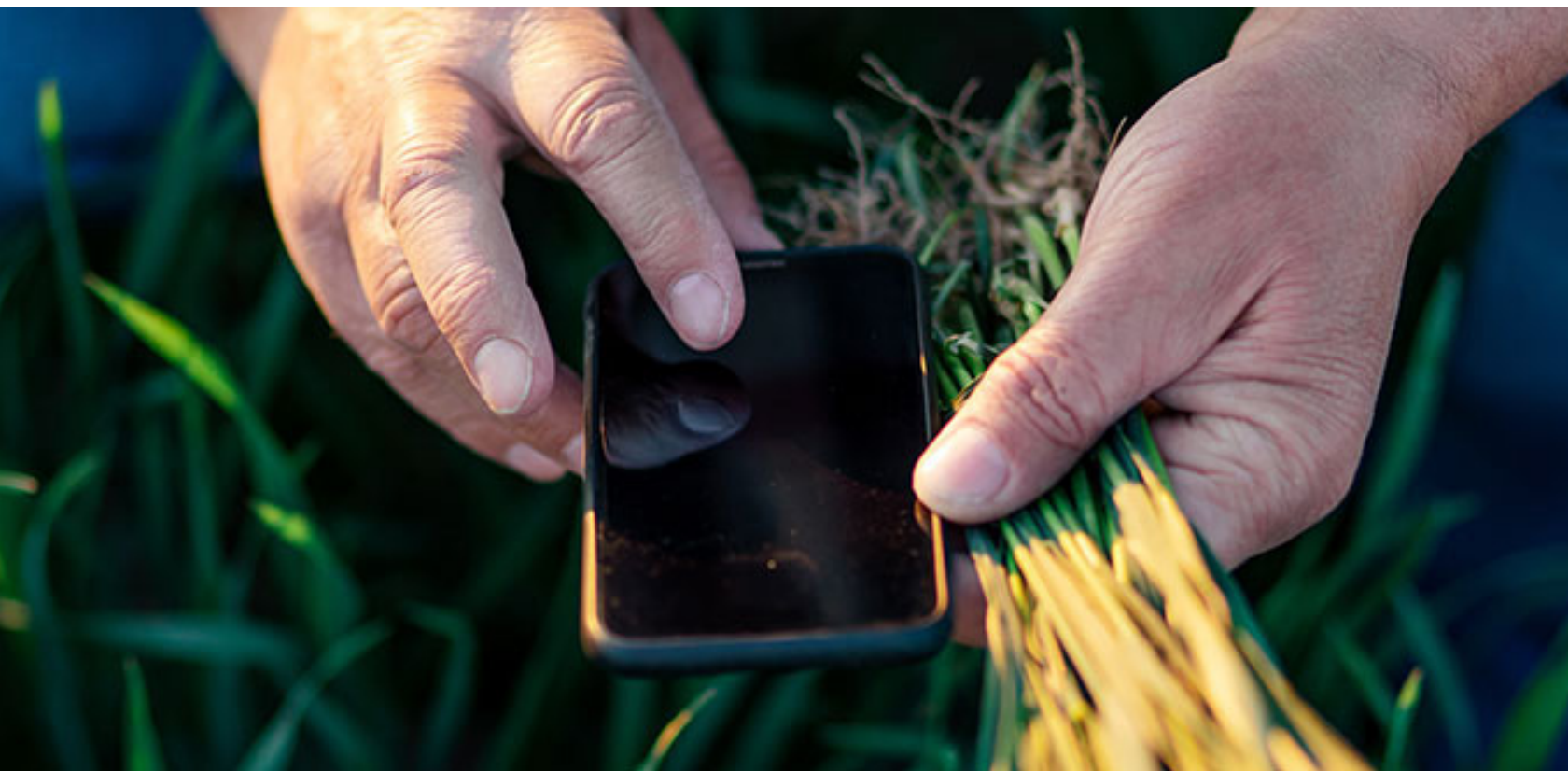
## AGRONOMIC EXPERTISE MEETS SMART TAX SAVINGS

When purchasing or inheriting farmland, you may be eligible for a tax deduction on excess or residual soil fertility, just like other depreciable assets (fences, pivots, terraces, etc.). This deduction can lead to substantial tax savings while also helping you manage soil nutrients more efficiently.

### How Crop Quest's Fertility Study Helps You

By performing an excess (residual) fertility study, we don't just help you claim tax deductions, we also give you an agronomic roadmap for long-term productivity. The same data used for tax savings can be leveraged for:

- Soil Fertility Planning
- Efficient Use of Inputs
- Optimized Yield Potential



# MORE THAN A TAX TOOL

The same soil data can be used for:

- Fertility Planning
- Nutrient Efficiency
- Precision Zone Management



## HOW IT WORKS

### Simple process. Solid results.

Whether you're looking to claim a tax deduction or better understand your soil's fertility status, our process is straightforward and backed by expert analysis. Here's how we do it:

#### STEP 1: SOIL SAMPLING

We start by collecting soil samples across your field, using a grid approach to capture variability.

#### STEP 2: LAB ANALYSIS

Samples are sent to a trusted lab for analysis of nutrient levels, including phosphorus and potassium.

#### STEP 3: AGRONOMIC REVIEW

Our agronomists interpret the results and calculate the excess (residual) fertility available at the time of purchase or inheritance.

#### STEP 4: REPORTING

We deliver clear, CPA-ready documentation that outlines fertility levels and potential tax deduction opportunities.

# WATER MANAGEMENT

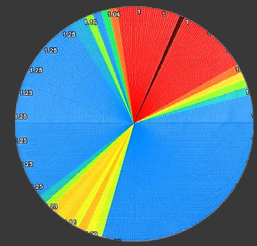
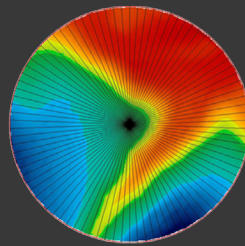
Understanding soil structure and water holding capacities in your field can lead to better irrigation management and crop health.

## IRRIGATION MANAGEMENT

- Soil Moisture Monitoring
- Irrigation Scheduling
- Variable Rate Irrigation Recommendations

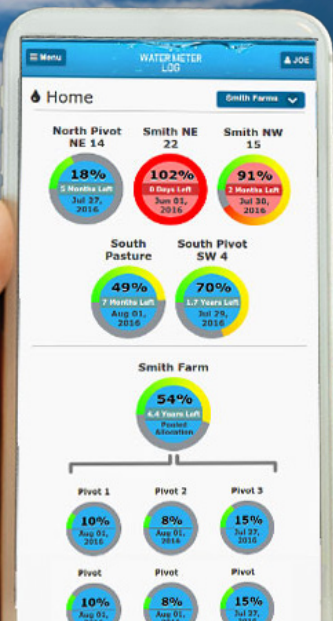
### Variable Rate Irrigation

Compatible on almost all pivot brands, makes and models.  
Must have telmatics devices installed on pivot.



Slope, Elevation, Soil  
Texture and/or Yield Data

VRI Recommendation



## AN ADDED BENEFIT FOR CROP QUEST CUSTOMERS

Track water allocations across your farm with  
the Crop Quest Water Meter Log App.



## WATER DRAINAGE SOLUTIONS

- Eliminate water holes.
- Direct runoff efficiently off your field.
- Integrated mapping allows for the least amount of soil movement to reduce drainage costs.



Topography  
Survey



Field  
Leveling



Build  
Terraces



Drainage  
Ditching



Tile Drainage  
Design

### HAVE DRAINAGE ISSUES?

With our innovative drainage program, the results can be significant and immediate!

# SERVICES TO FIT YOUR OPERATION

We have all types of tools at our disposal to make the  
*best decisions on your operation.*

Our **Agronomy and Precision Ag Services**  
can be customized to fit your needs.



## READY TO WORK WITH US?

**Headquarters:** 1204 W. Frontview Street, Dodge City, KS 67801  
cropquest.com | 620.225-2233 | info@cropquest.com

