



CROP QUEST



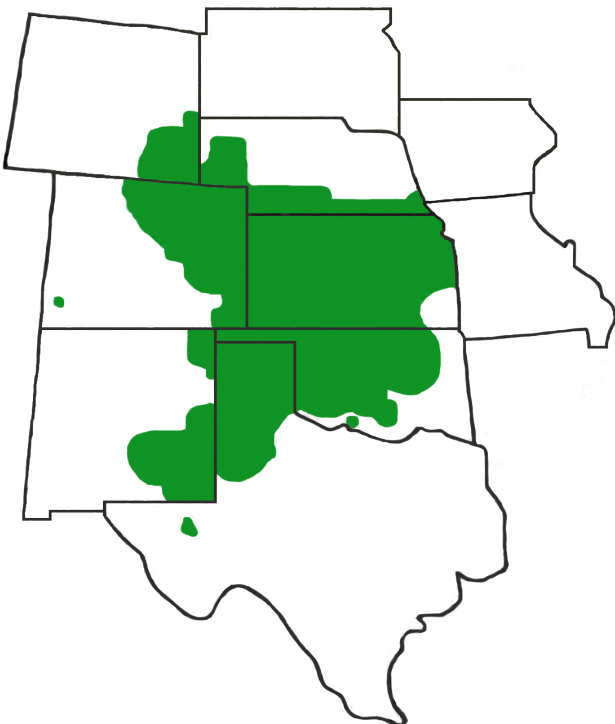
**PRECISION
AGRONOMY**

**less worry, less risk &
more growth potential**



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, pH, OM, Elevation
- Grid Sampling
- Zone Sampling

Management Zones

- Variable Rate Recommendations
- Seeding, Fertility, Growth Regulator

Crop Monitoring

- Field Checks
- Imagery
- Irrigation Scheduling

Crop Planning

- Crop Rotation
- Crop Budget
- Fertility Management
- Seed Selection
- Yield Analysis

Water Management Services

- Irrigation Management
- Water Drainage
- Tile Drainage
- Topo Services
- Water Meter Log App



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.

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.

Data can be collected simultaneously.



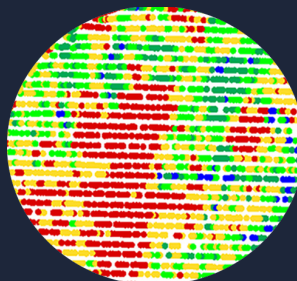


SOIL SAMPLING

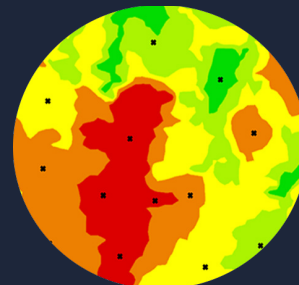
Zone Sampling

Identify productivity zones.

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



EC/EM Data

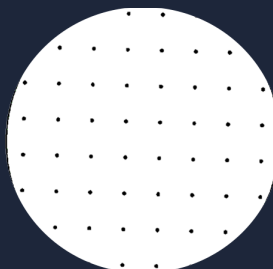


Interpolated Results

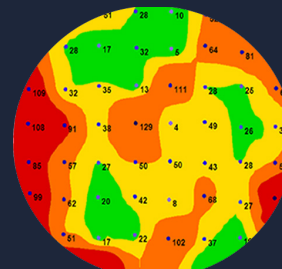
Grid Sampling

Fine-tune where nutrients or amendments may be necessary.

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



Grid Points



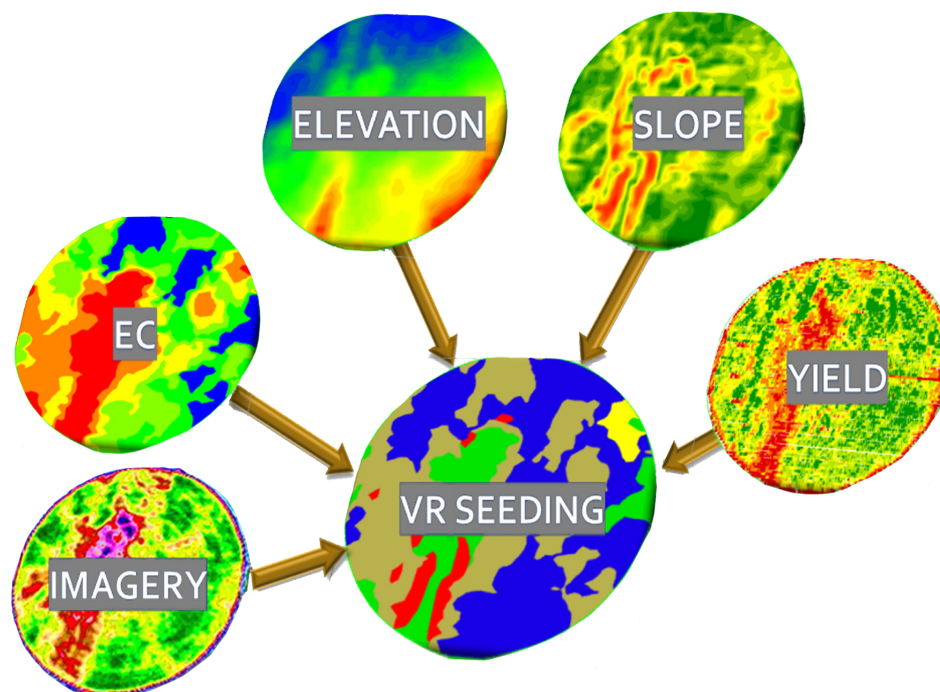
Interpolated Results



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.**

**IN AN
EVER-CHANGING
INDUSTRY, TRUST
AN INDEPENDENT
VOICE.**

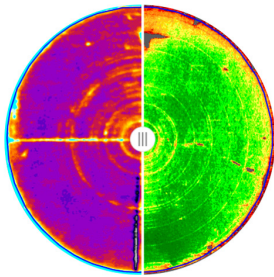




IMAGERY

Get a bird's eye view of your field.

Turning images into usable information.



Satellite & Aerial Imagery

- Higher resolution images
- 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:

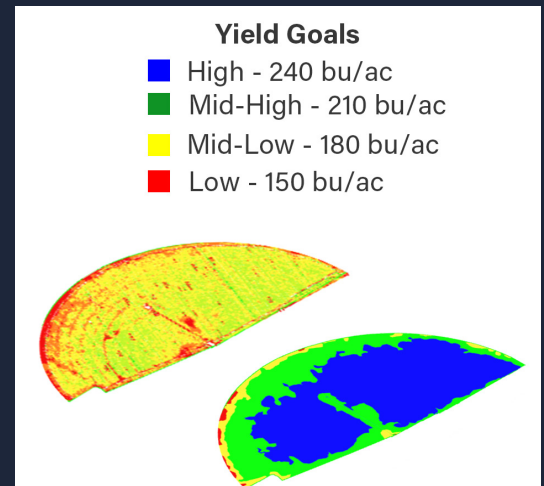
- VR Seeding
- VR Multi-Hybrid Seeding
- VR Fertility
- VR Irrigation

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.

Yield maps are a report card.



**STOP THROWING
DOLLARS AWAY
ON THE BLANKET
APPROACH.**



PARAMOUNT REPORTS

Get your data anytime, anywhere.

Get the best reporting tool for agX data on the market. 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

Crop Scouting Condition: 5 - Average 119 ac

Growth Stage: Blister

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 Condition: 5 - Average

Growth Stage: 1st Bloom

Soil Moisture Status: Crop Available Water: 0.99 in / 4.0 ft Water Depleted:

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

Smartphone Chat:

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

WATER MANAGEMENT

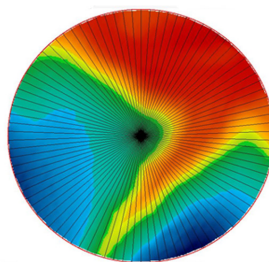
Understanding soil structure and water holding capacities in your field can lead to better irrigation management and crop health.

IRRIGATION MANAGEMENT

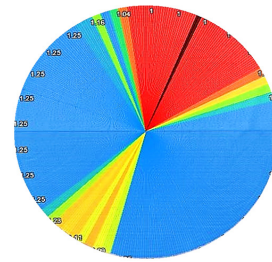
- Soil Moisture Monitoring
- Irrigation Scheduling
- VR Irrigation Recommendations

Variable Rate Irrigation

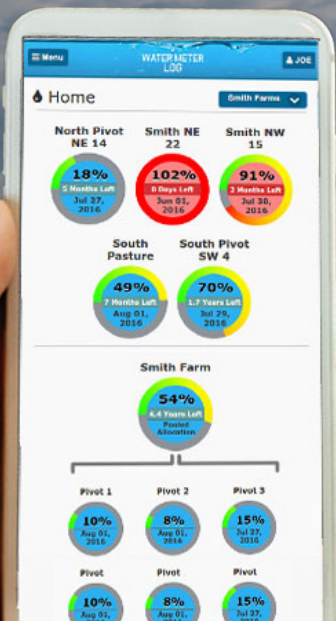
Compatible on almost all pivot brands, makes and models. Must have telematics devices installed on pivot.



Slope, Elevation, Soil Texture and/or Yield Data



VRI Recommendation



TRACK WATER ALLOCATIONS ACROSS YOUR FARM WITH OUR 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?

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