2019 Service Features

- AirScout Cloud
- AirScout Apps
- Custom Applications
- Growers
- Agronomists

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Aerial Imagery to Actionable Items

AirScout Life Cycle

- Prescription Planting Strategy
- Re-plant Decisions
- Nitrogen Management
- Weed, Pest and Disease Scouting
- Irrigation
- Yield Estimator
- Cover Crop Planting by Prescription
- Harvest Timing
- Yield Map Input
- *Tile Line and Drainage Decisions, Compaction*

What You Cannot See...

May: Wheat

- Visual
- ADVI
- Thermal

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Everything Looks Good...Right???

June: Wheat

Visual  ADVI  Thermal

Well, Look What Happened...

Harvest Yield Map
Blight Disease
Significant Yield Loss
Planting Strategy

Prescription Planting Strategy using Bare Soil ADVI and Thermal Imagery

Re-Planting Assessments

Re-Planting Survey and Decisions using Thermal and Visual Imagery
Nitrogen Prescriptions Ready for Action


Nitrogen Prescription Example

Nitrogen & Year-to-Year Variation

Nitrogen & Year-to-Year Variation

2013

2014

2015

2016

2017

???

2019

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Irrigation Scouting and Prescriptions

AirScout Thermal

Prescription Irrigation Map

Scouting for Insects

AirScout app showing cool area near waterway. Insect damage in cover crop area near a cool, grassy waterway.

Leafhoppers in Alfalfa

Hotter circular areas where populations were higher in field.

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Disease Scouting

**Disease in Soybeans**

SDS and White Mold in soybean field show spreading effect from wind on field.

**DISEASE SPREADING**

**EARLIER**

**30 DAYS LATER**

Gray Leaf Spot in Corn

Blanket on left shows where the image on right was taken.

Disease Management

Cool areas indicating low stress. Will probably not benefit much from foliar feed or fungicide.

Warmer areas indicating more stress. Will most likely benefit from foliar feed or fungicide.

Apply a fungicide or foliar feed to the stressed areas using the thermal map for guidance.
Yield Estimator Tool

Get a more precise idea of your yield with the AirScout® Yield Estimator Tool.

The thermal image correlates with your yield map!

Cover Crops

Cover crop evaluation
Cover Crops

Cover crop at harvest

AirScout = Accessible, Actionable Data = Full Use of Precision Ag

Red areas showing poor root development

AirScout Access App

ACTIONABLE Field Zones
Thank you!

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