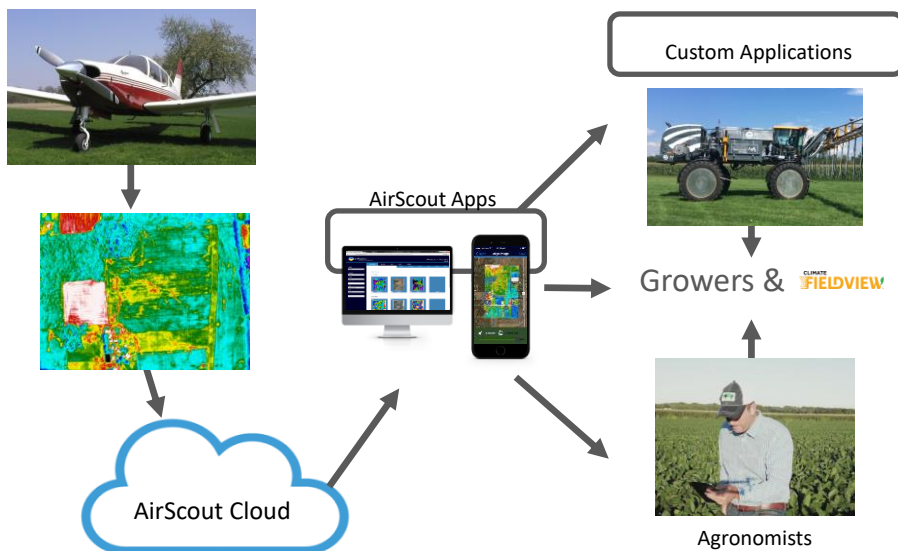




Bob Coverdill
Chief Operating Officer
www.airscout.com

1

2019 Service Features



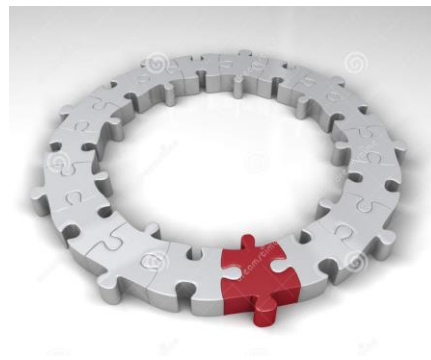
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2

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*

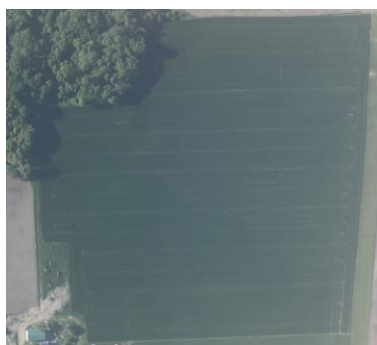


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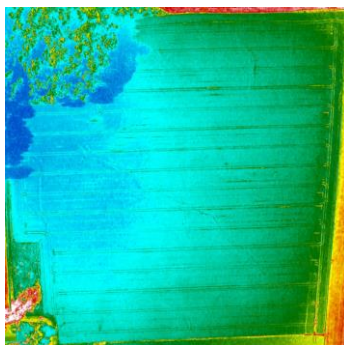
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What You Cannot See...

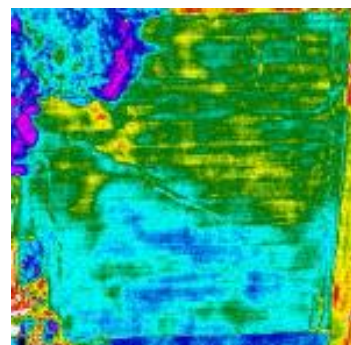
May: Wheat



Visual



ADVI



Thermal



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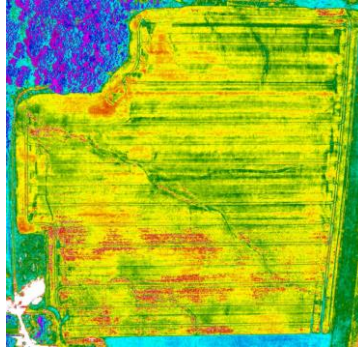
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Everything Looks Good...Right???

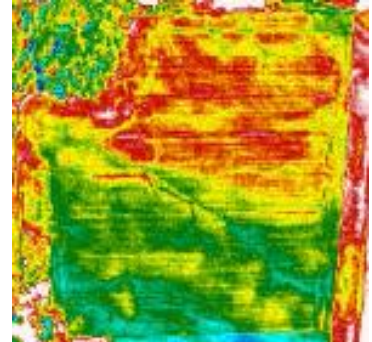
June: Wheat



Visual



ADVI



Thermal

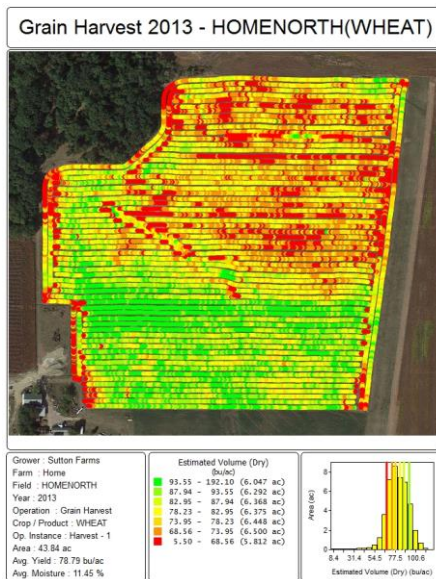


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5

Well, Look What Happened...

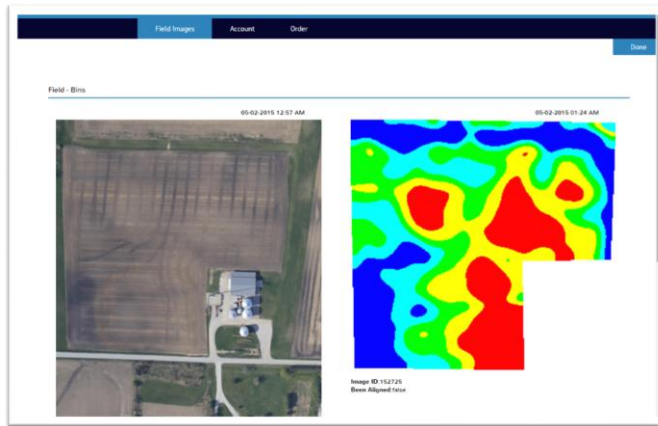
Harvest Yield Map
Blight Disease
Significant Yield Loss



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6

Planting Strategy



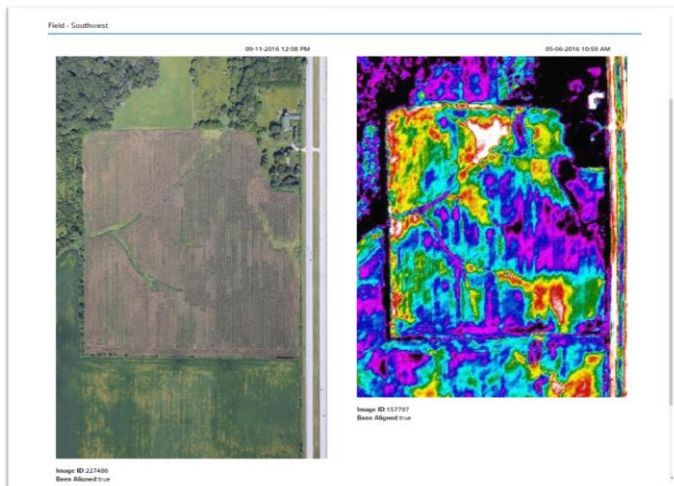
Prescription Planting Strategy
using Bare Soil
ADVI and Thermal Imagery



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7

Re-Planting Assessments



Re-Planting Survey and
Decisions using Thermal
and Visual Imagery

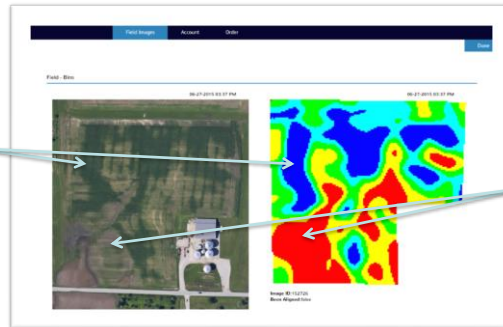


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Nitrogen Prescriptions Ready for Action

Lush green areas.
Higher yield potential.
Needs most nitrogen.



Poor stand.
Low Yield potential.
Needs least nitrogen.

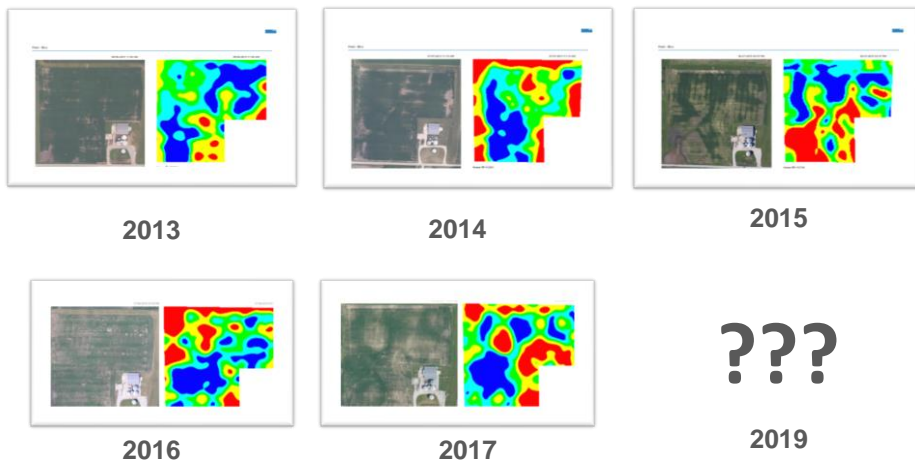
Nitrogen Prescription Example



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Nitrogen & Year-to-Year Variation



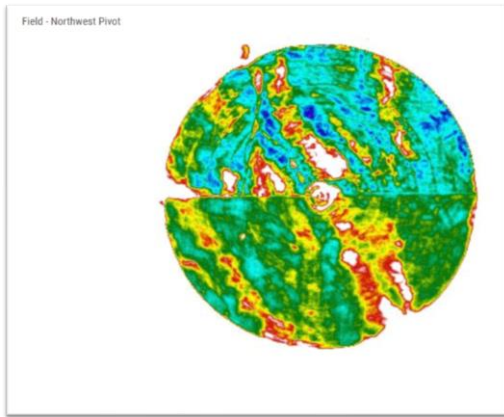
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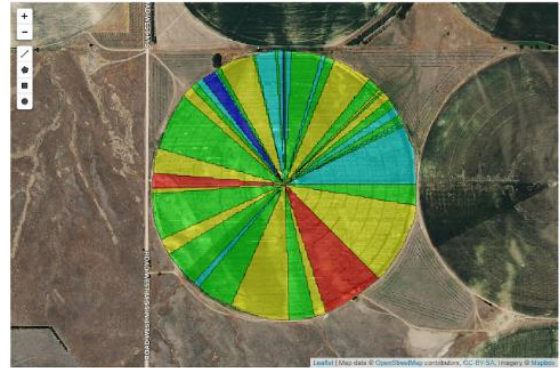
10

Irrigation Scouting and Prescriptions



AirScout Thermal

Field - Northwest Pivot



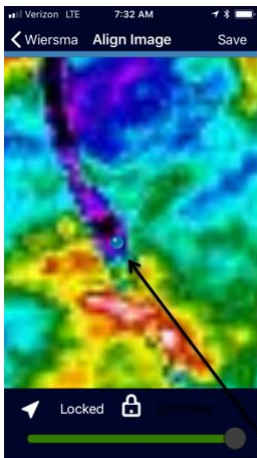
Prescription Irrigation Map



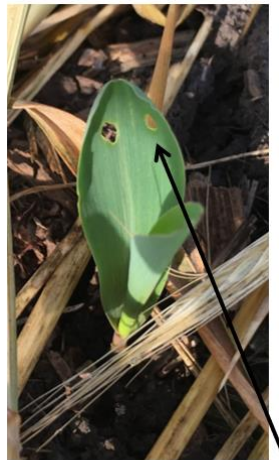
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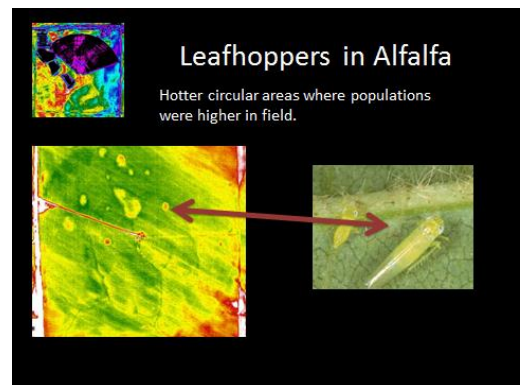
Scouting for Insects



AirScout App showing cool area near waterway.



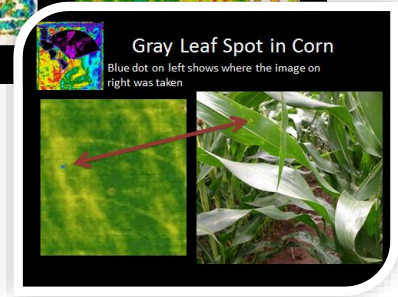
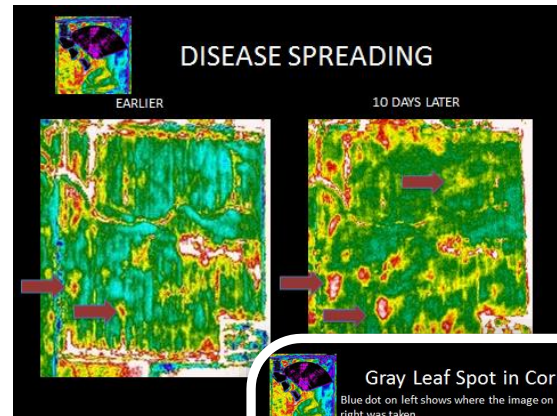
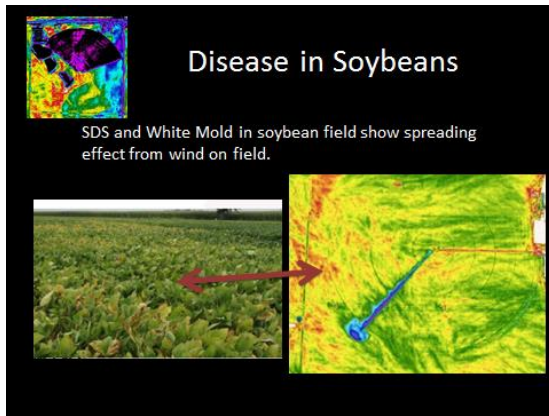
Insect damage in cover crop area near a cool, grassy waterway.



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Disease Scouting

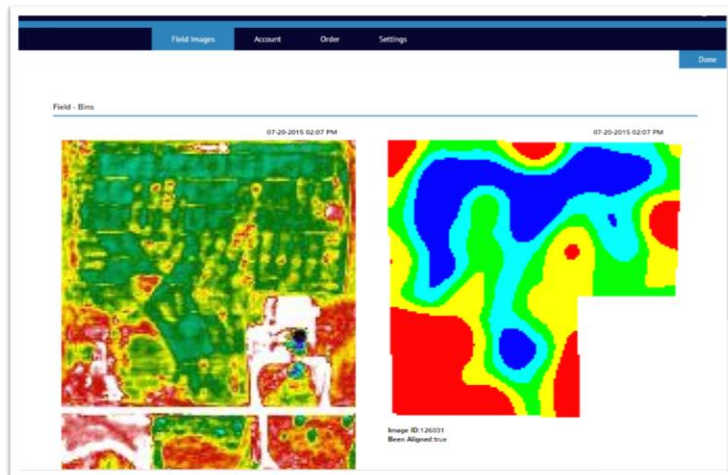


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Disease Management

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.



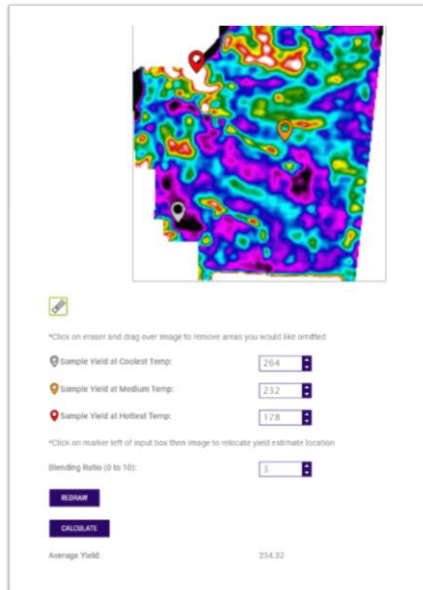
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Yield Estimator Tool

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

The thermal image correlates with your yield map!




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Cover Crops



Cover crop evaluation

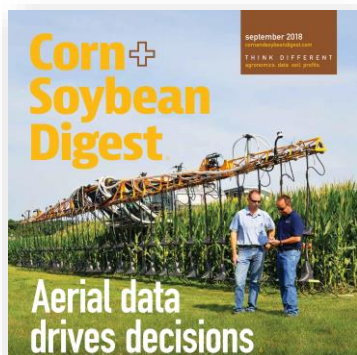


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Cover Crops

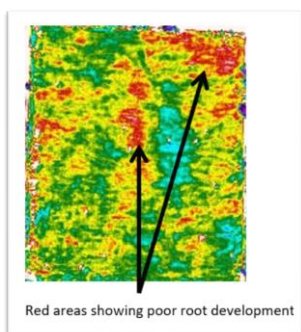
Cover crop at harvest



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



AirScout
Access App



ACTIONABLE Field Zones



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Thank you!

Contact: Bob Coverdill
bobc@airscout.com



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