



Geosys – John Deere Integration

Friday, December 6, 2019

Global Operations, Local Insights



Diversified Services for Ag Market Segments



Ag Input Manufacturers

- R&D / Data science
- Strategic marketing
- Product stewardship



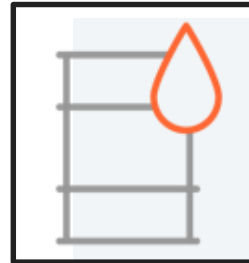
Insurance Companies

- Underwriting
- Claims management
- Loss adjustment
- Reporting



Ag Input Distributors

- Customer engagement
- Product placement
- Operations management



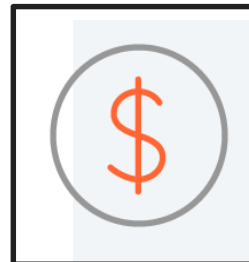
Commodity Buyers

- Fundamental analysis forecast
- Logistics management
- Customer engagement



Ag Service Providers

- Customer engagement
- Crop scouting
- Variable rate application



Banks and Lenders

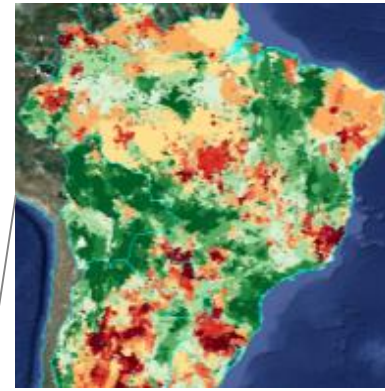
- Collaterals monitoring
- Underwriting
- Reporting

Cloud-Based Solutions

From continent to field – all available on the same platform



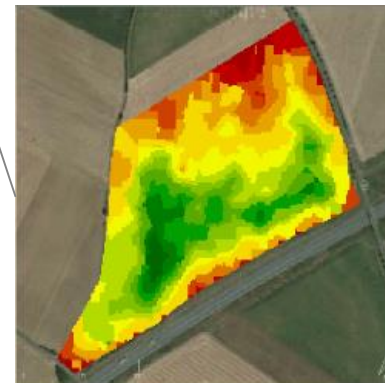
Data sourcing



Regional



Farm



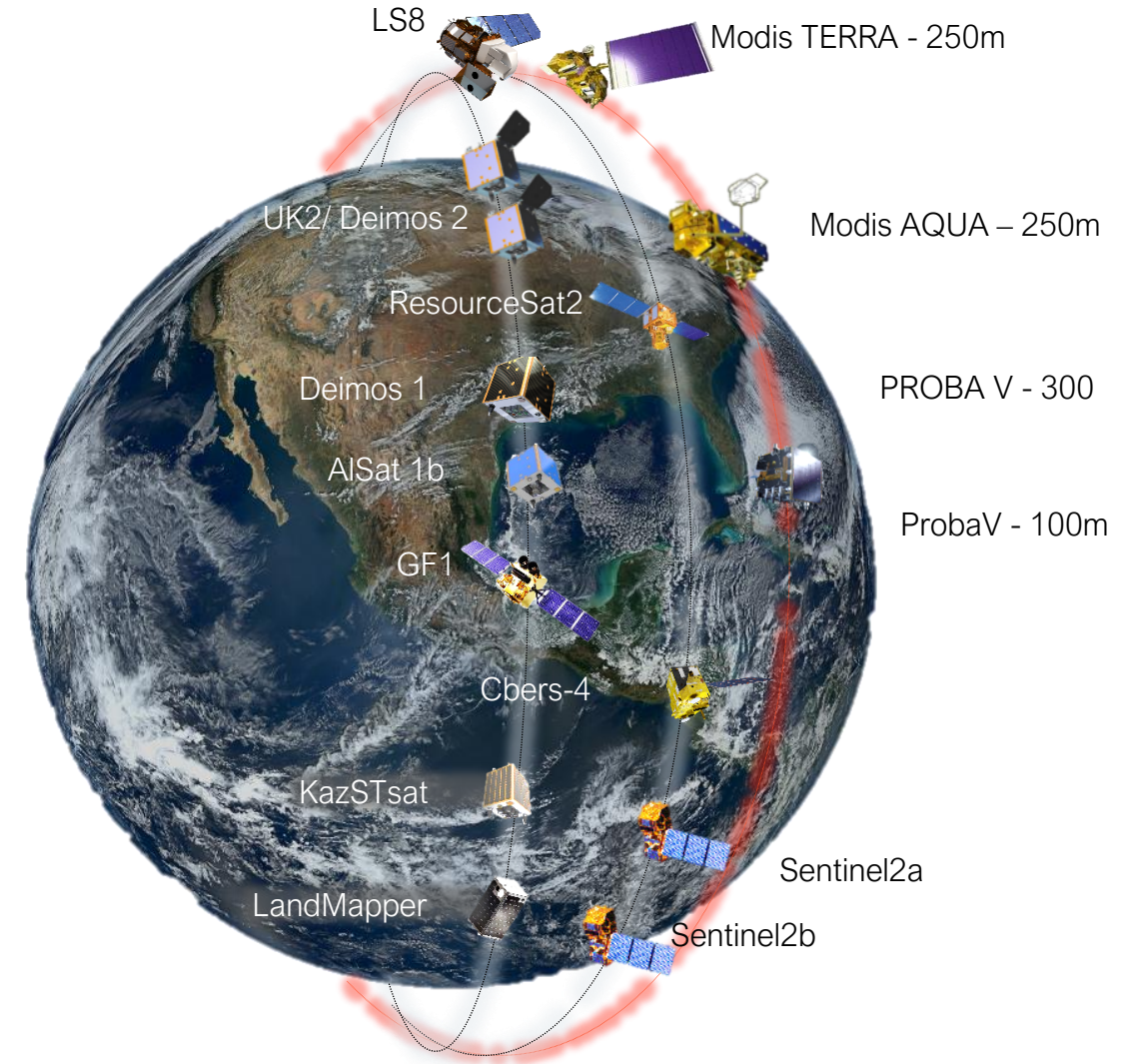
Field



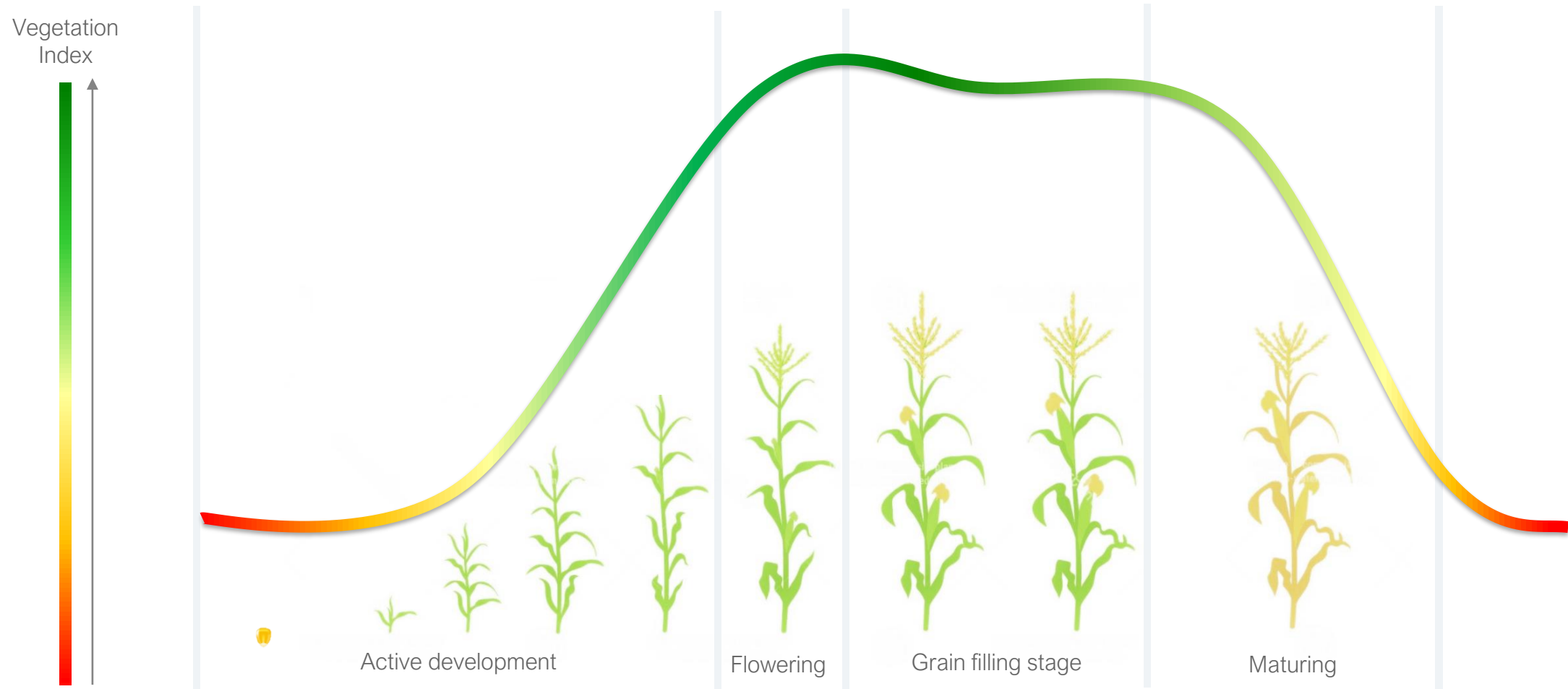
**JOHN DEERE
OPERATIONS CENTER**

Under the Hood: Satellite Data

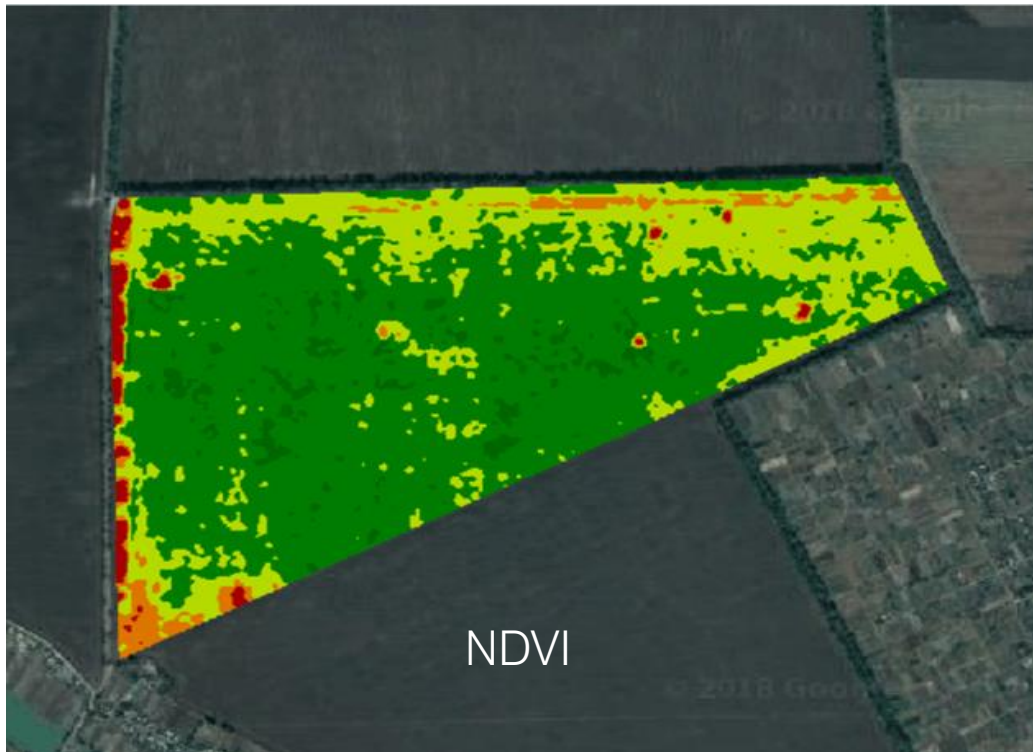
- Reliable data for Ag business
- Easy access to historical data – 10 to 25 years
- Available Worldwide
- Daily updates available
- Customization available with tasking



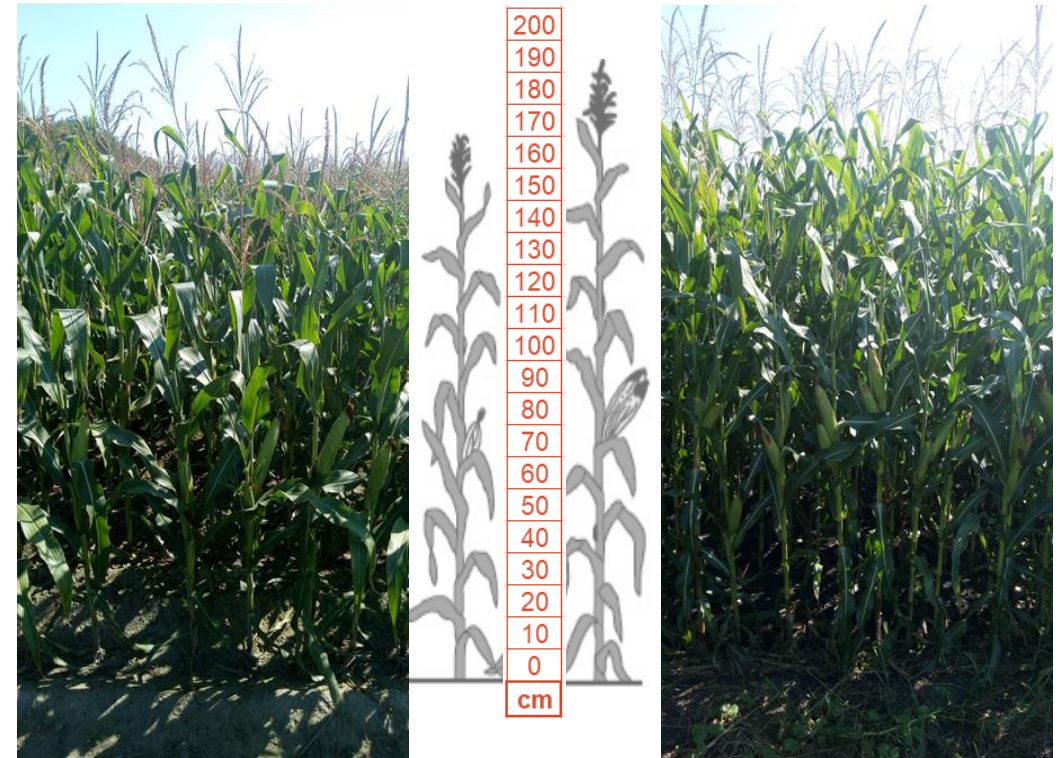
Monitoring and Benchmarking Crops



Understanding NDVI and EVI



With **NDVI**, photosynthesis activity is even across the field.
EVI shows biomass development in uneven.



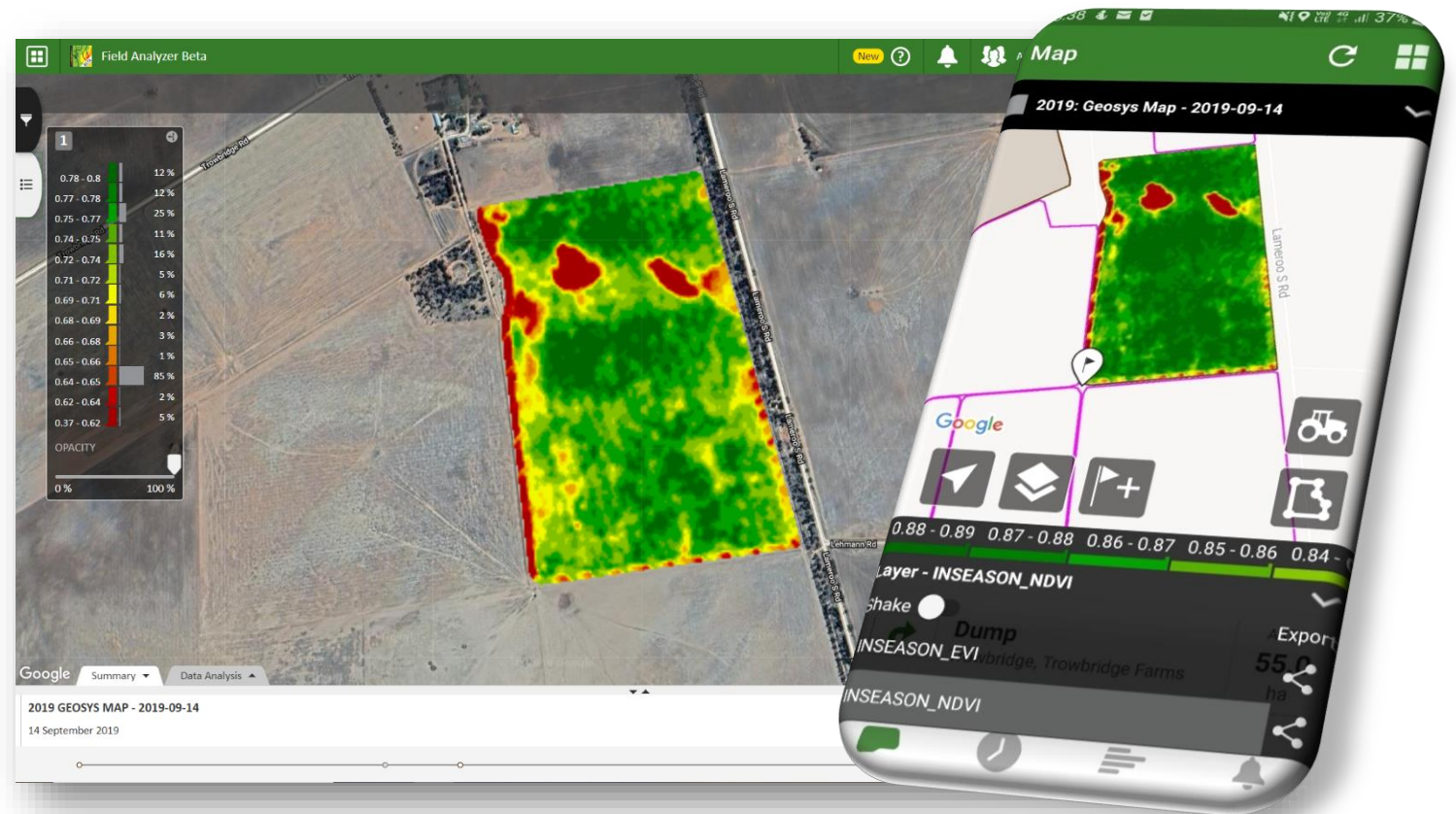
EVI: 0.50
NDVI: 0.88

EVI: 0.67
NDVI: 0.88

Partner Platforms

Get access to Geosys analytics through a variety of trusted third-party platforms

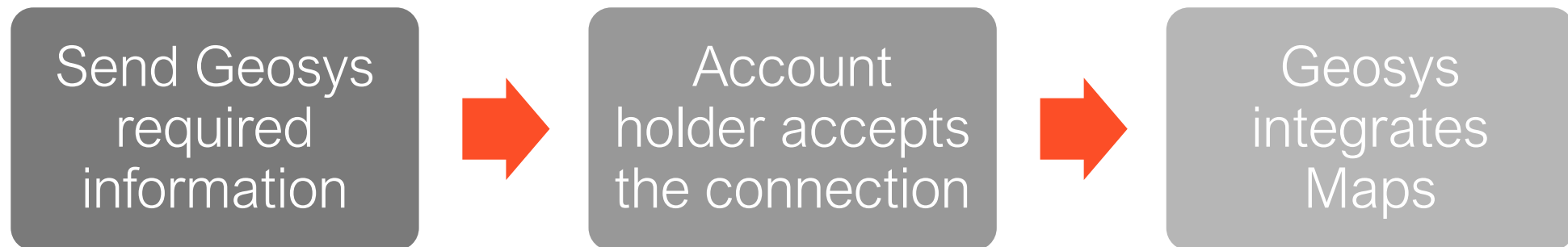
**JOHN DEERE
OPERATIONS CENTER
CONNECTED**



John Deere to GEOSYS

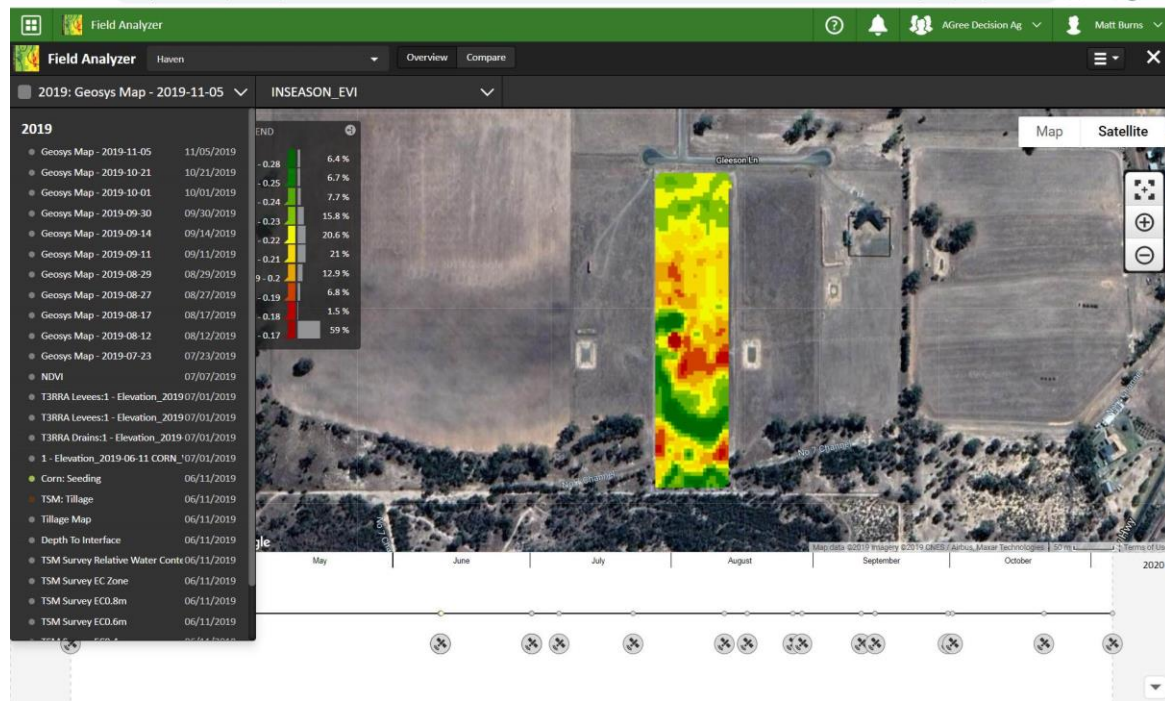
How to connect

- Touch base with one of the Geosys Sales team
- Establish an account and delivery parameters with Geosys
- Connecting Grower / Enterprise

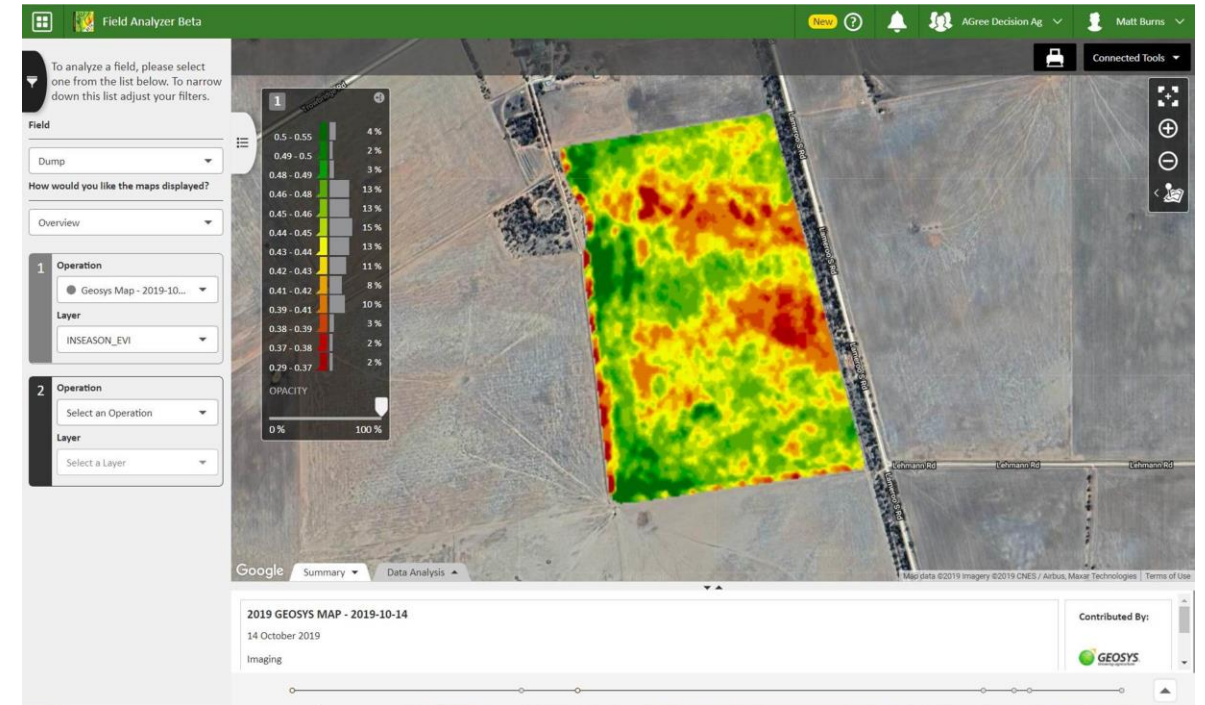


GEOSYS Maps in John Deere Operation Center

■ Viewing Maps in Operation Center

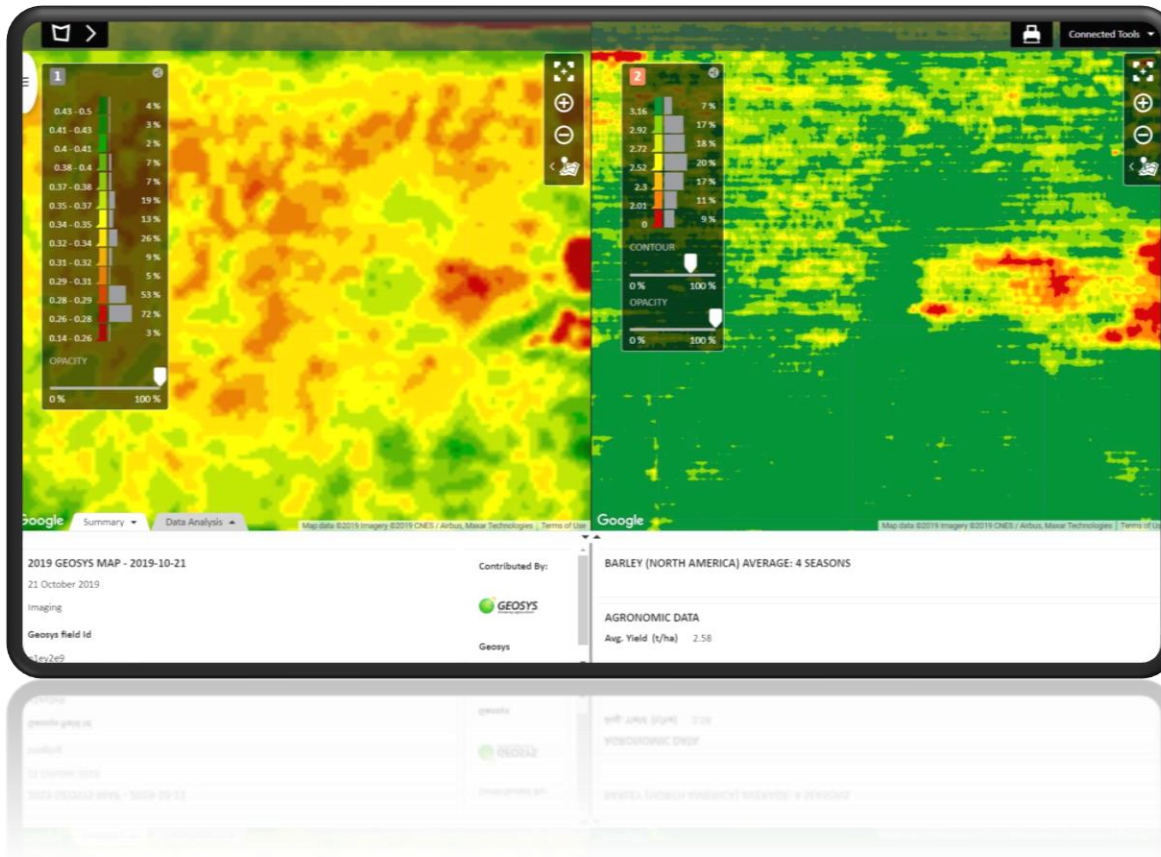


■ GEOSYS Maps

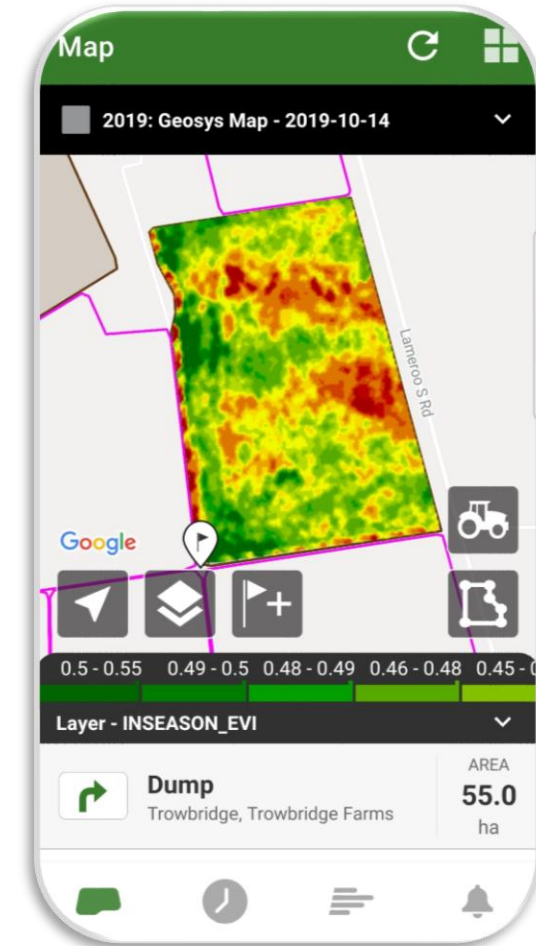


How maps can be used

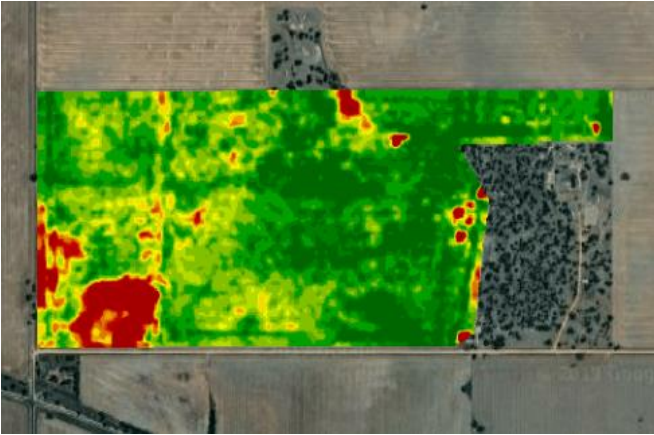
Maps comparison to Yield



John Deere APP



Benefits of Maps

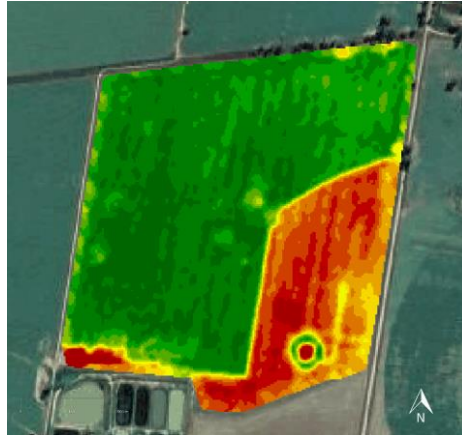


Monitoring

Maps 9 weeks apart

Grower made mistake in planter calibration

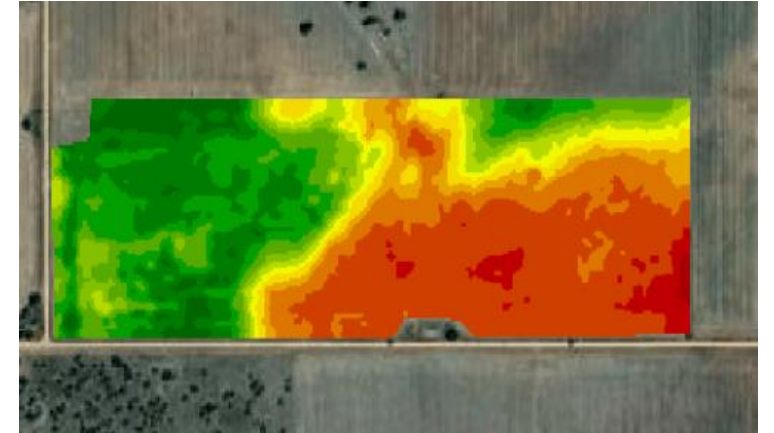
Grower was able to adjust in season fertiliser to compensate



Decision

Detecting frost damage

Helping decision on where to cut for hay



Proof

Maps 5 days apart
Spray Drift from neighbour

Let's Grow Together

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Join us online!

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