PRECISION
HAWK
PRECISIONHAWK

GEOSPATIAL APPLICATIONS

PRECISION AGRICULTURE

PRECISIONHAWK

PLANT COUNTING

PLANT SIZE

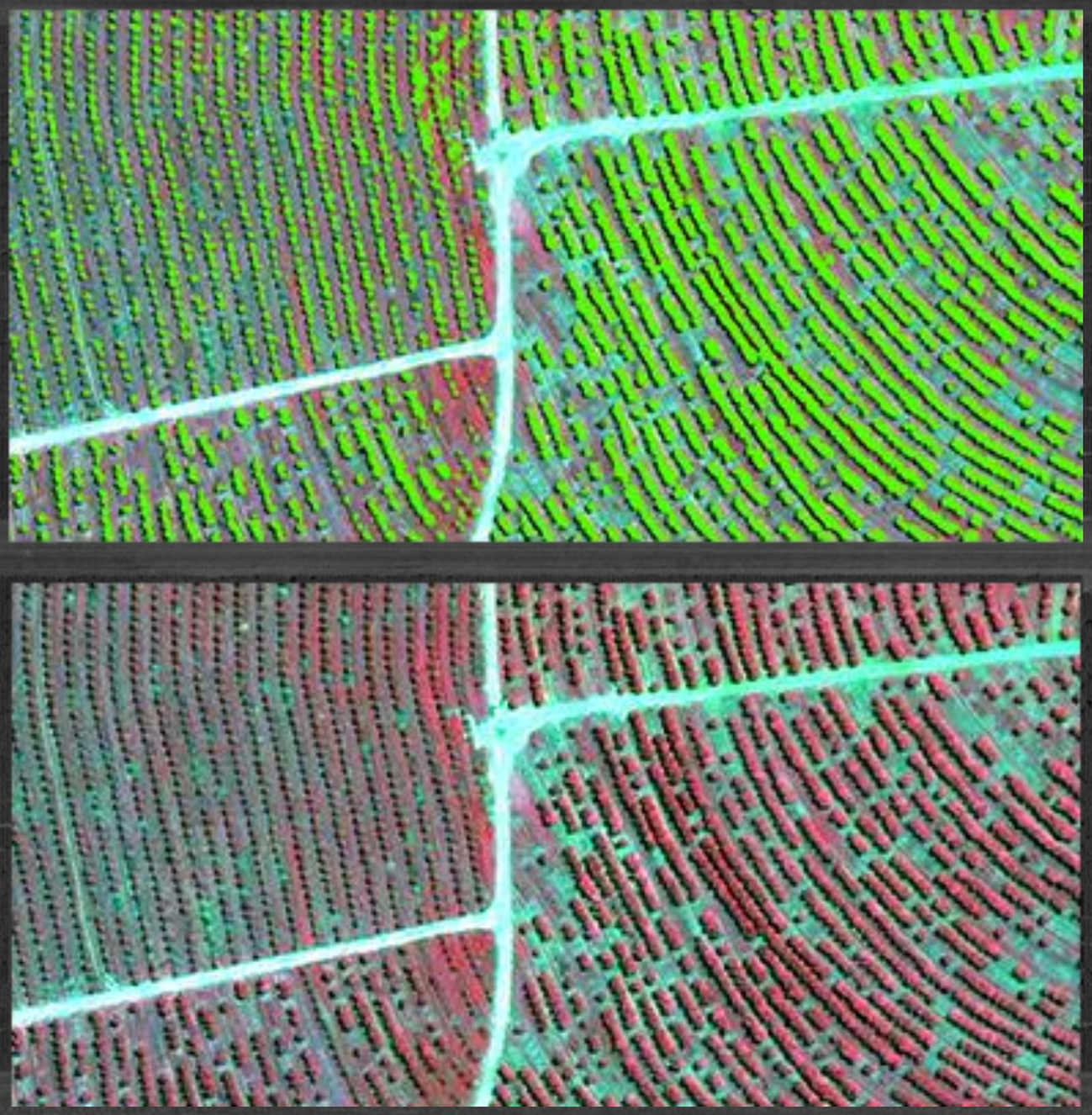
PLOT STATISTICS

STAND NUMBER

COMPROMISED PLOTS

PLANTER SKIPS

CANOPY COVER



Quickly assess crop coverage in later growth stages reported as a coverage percentage. Canopy cover can be segmented by any management unit and is the base product for crop productivity measurements such as stay-green and brown-green ratio.

FIELD STATISTICS

9.6 ha
Field Area

2.658 ha
Crop Area

27.7%
Crop Coverage

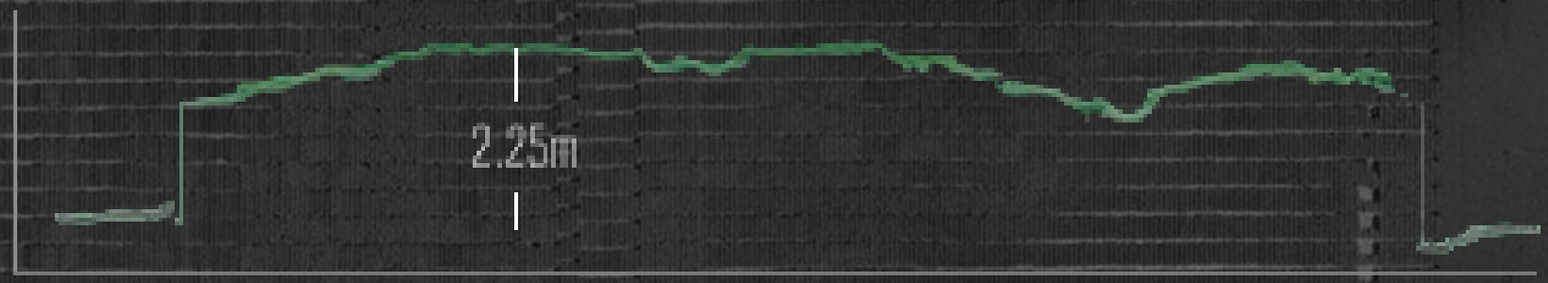
3D RECONSTRUCTION

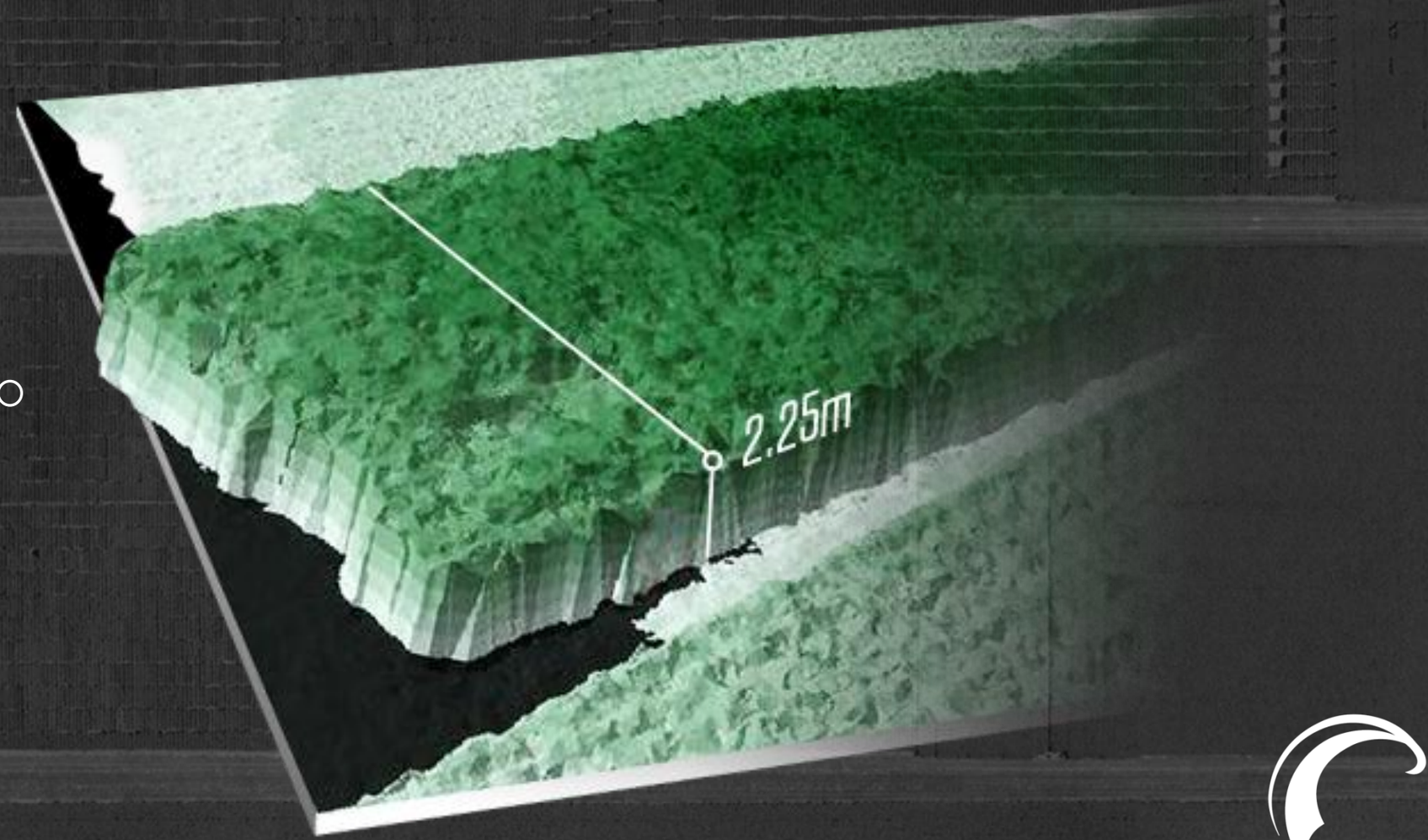
- CONTOURS
- DEM/DSM
- POINT CLOUD
- TILE DRAINAGE
- HYDROLOGY

3D point cloud density
250 points per square
meter

PLANT HEIGHT

AUTOMATED PLANT HEIGHT MEASUREMENT

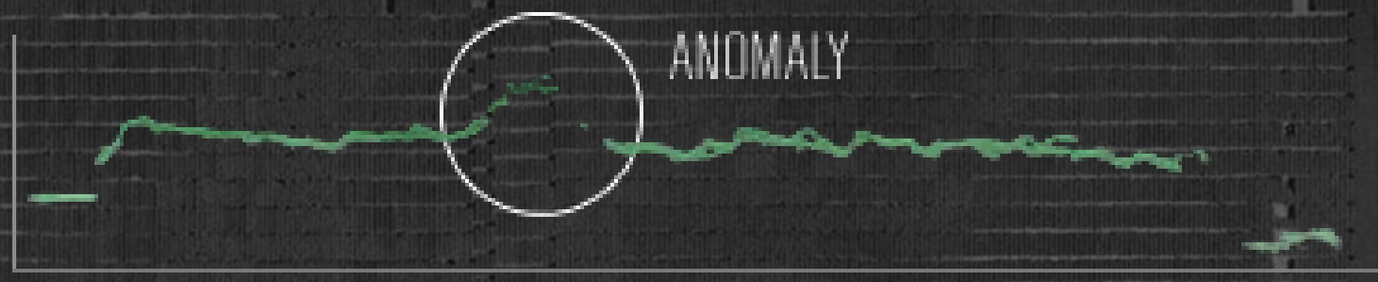


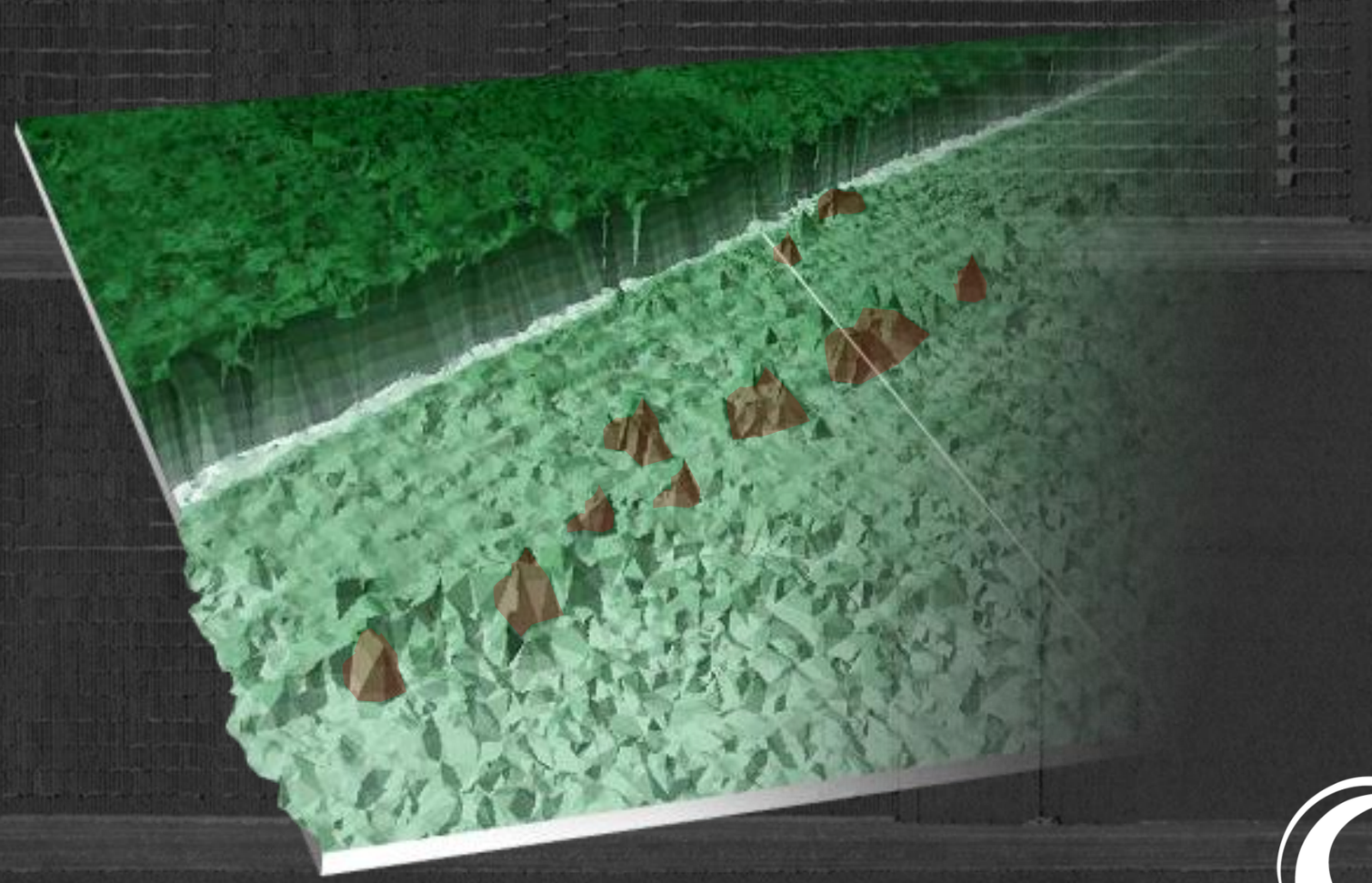


We provide 3D data to quickly assess crop height and density from any angle. Evaluate your crops for uniformity and yield potential.

3D ANOMALY DETECTION

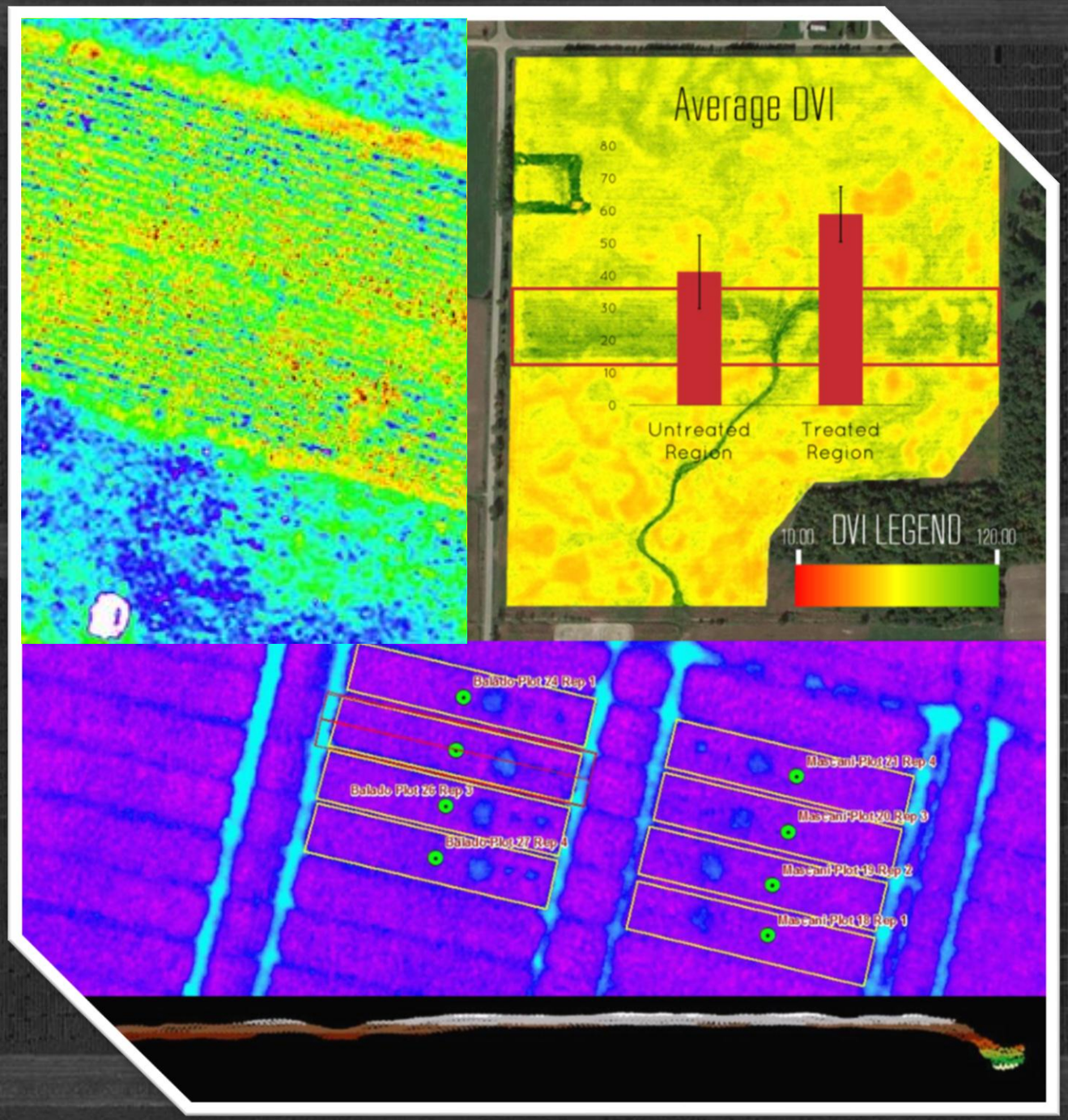
AUTOMATED ANOMALY DETECTION





Another benefit of 3D data is the ability to see anomalies in the field commonly associated with weeds or stalk lodging.

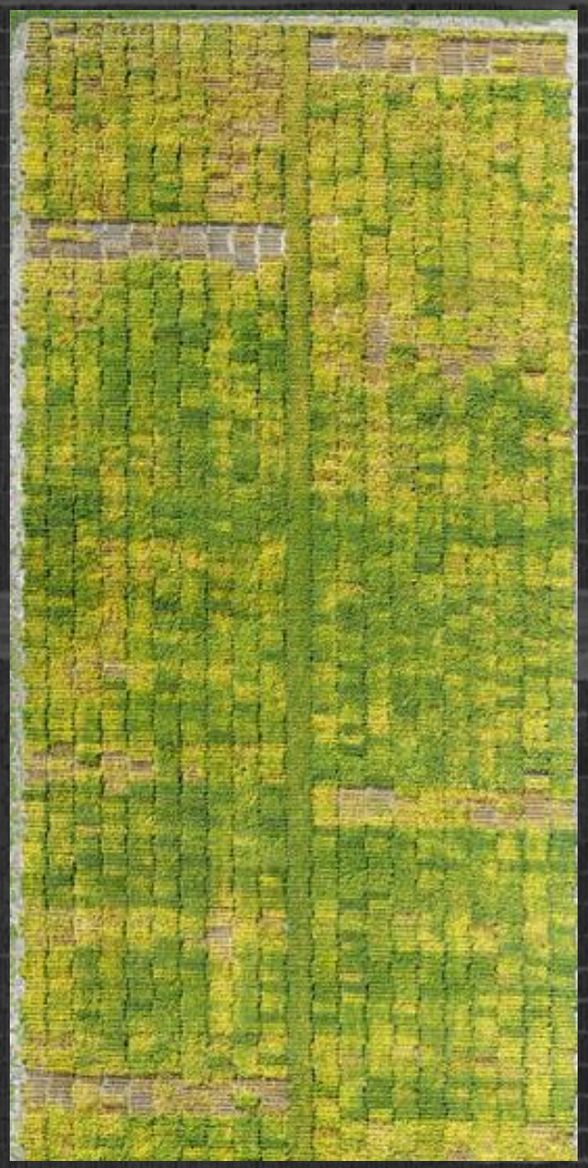
VEGETATION INDICES



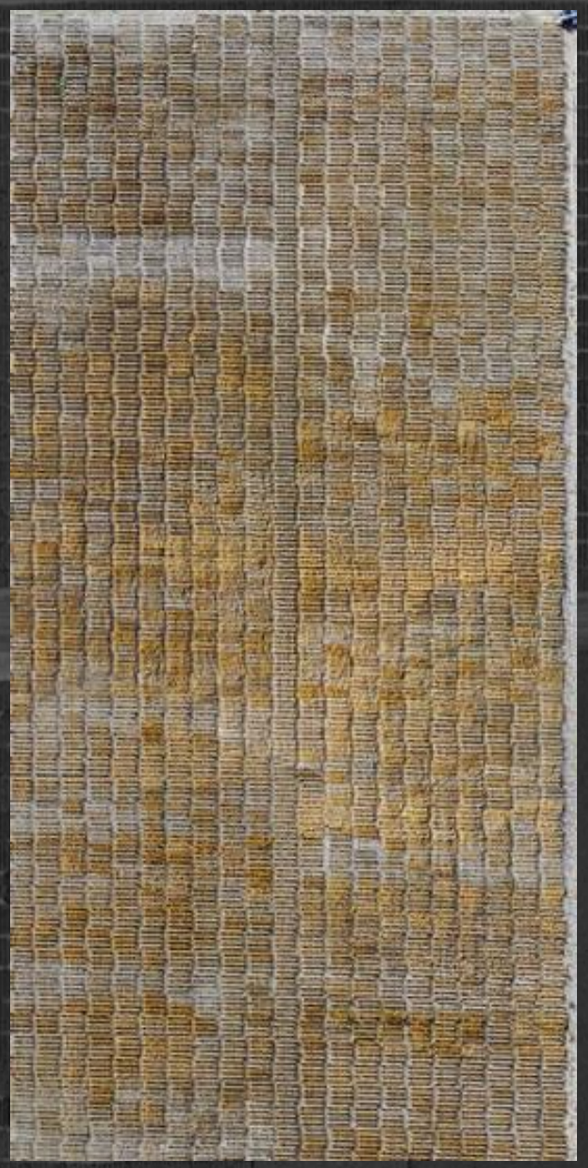
- DVI/WDRVI/ENDVI
- LEAF AREA INDEX
- CROP DENSITY
- ANOMALY DETECTION
- TREATMENT EFFICACY
- INFESTATIONS
- PHENOLOGY

SEASON MONITORING

EARLY SEASON



MID-SEASON



PRE-HARVEST

SCOUTVIEW™ REPORTS

FIELD

PIVOT

ROW

PLOT

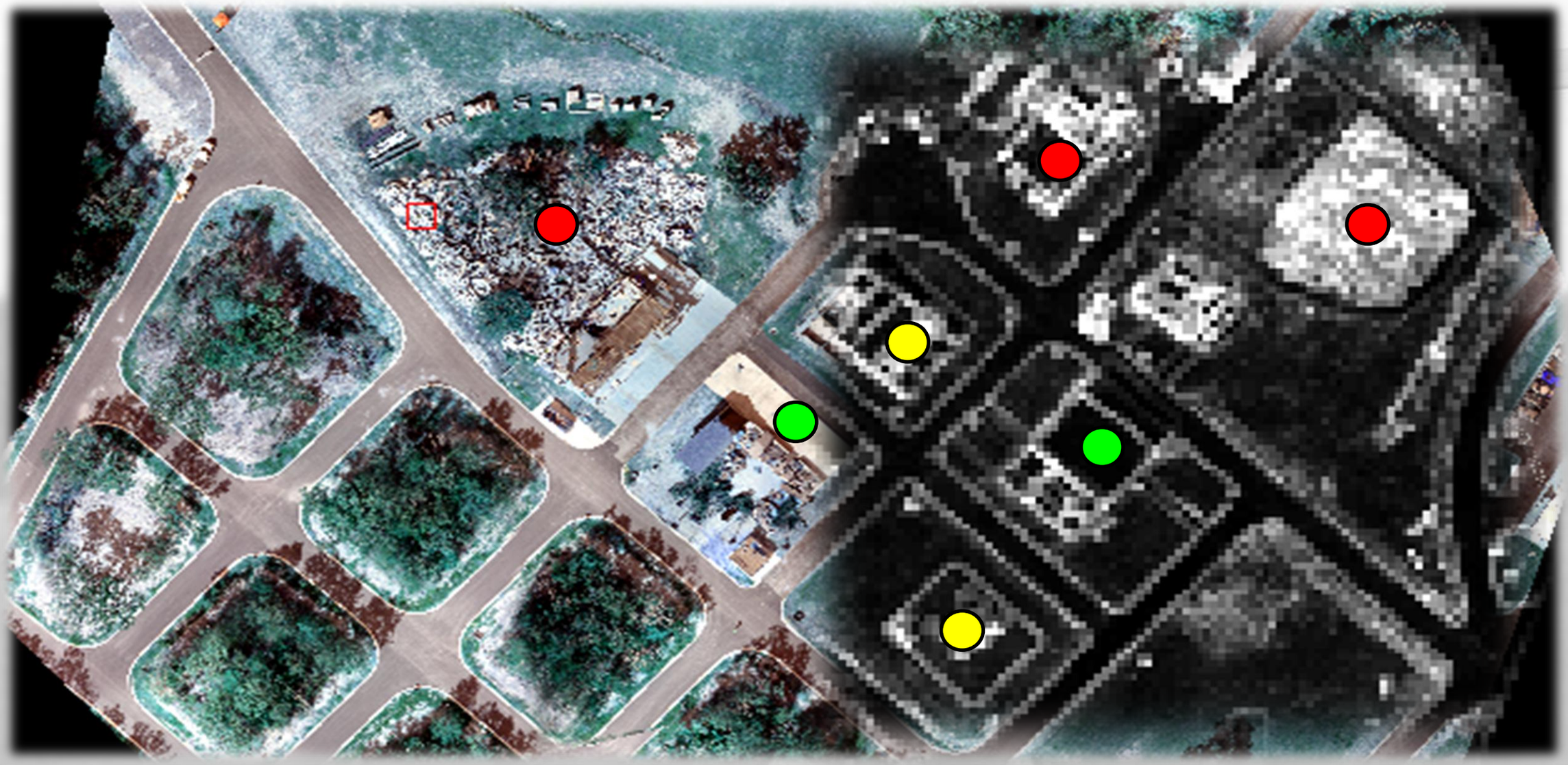
EXPERIMENT

GEOSPATIAL APPLICATIONS

INSURANCE AND MINING

PRECISIONHAWK

DISASTER CLAIMS SUPPORT



Post-Event Rapid Structure Condition Assessment

- Undamaged
- Partially Missing
- Total Loss

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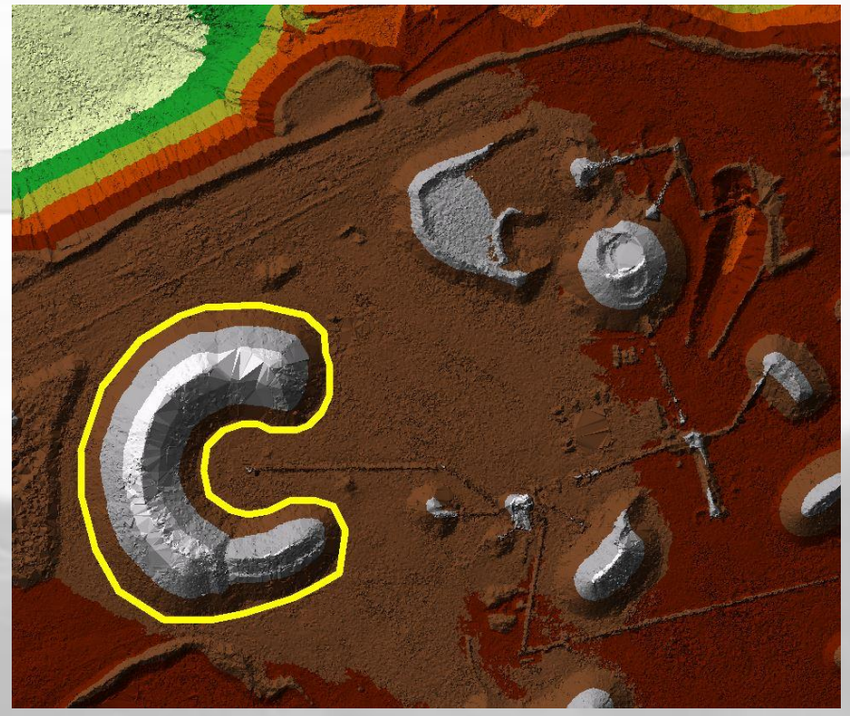
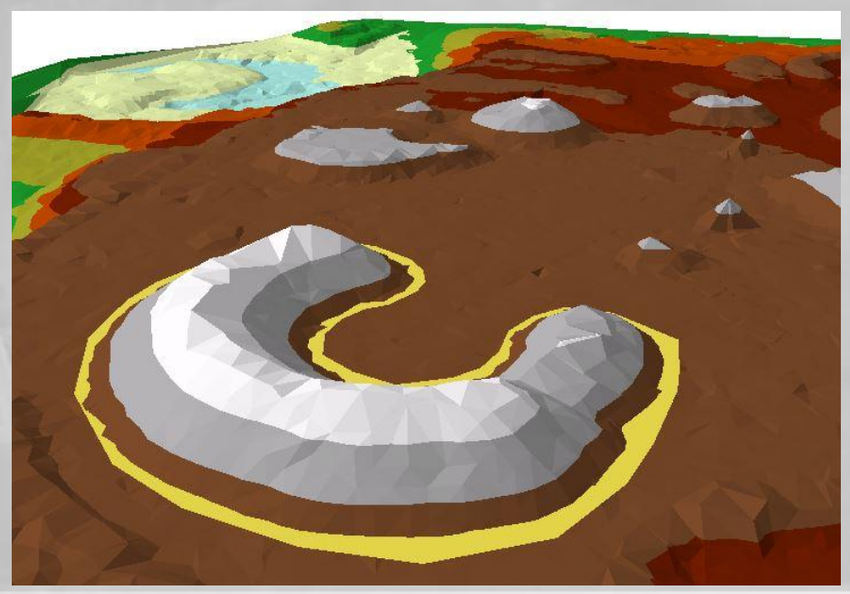
MINING





Stockpile Volume Estimation

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