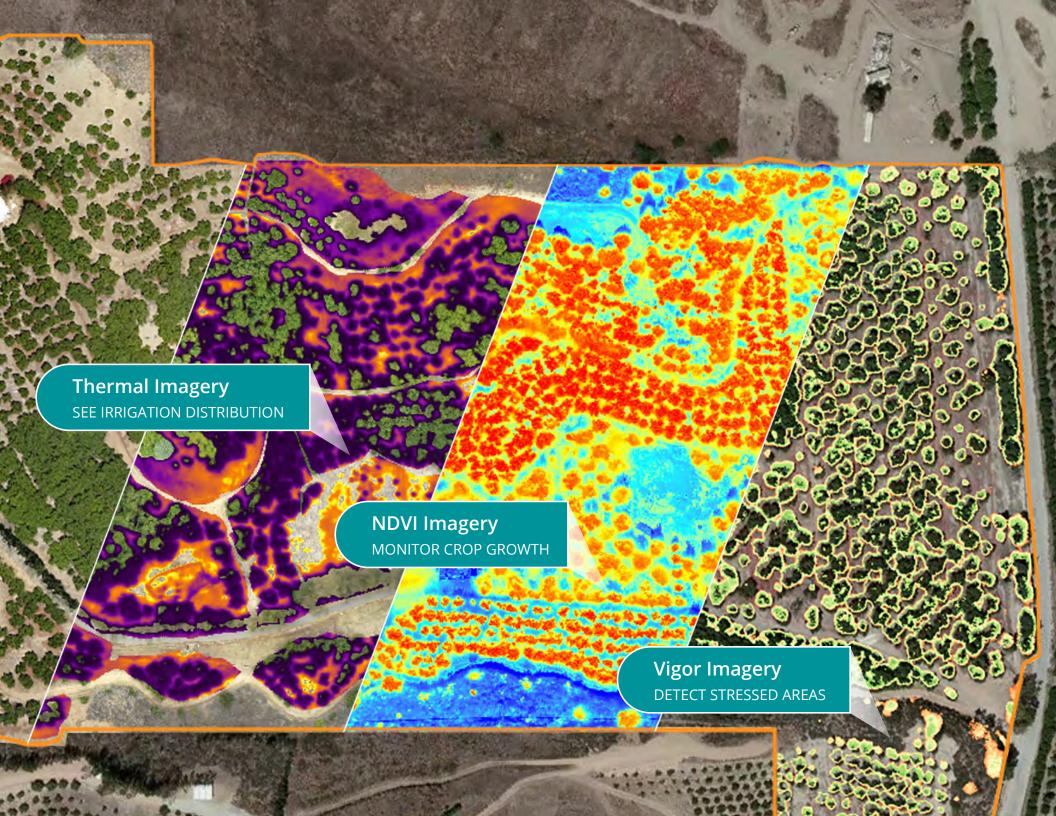




See More with Laboratorio Rocce e Ricerca Tonon s.r.l. UAV Aerial Services

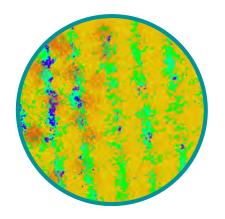
Through the use of UAVs, growers can identify areas of plant stress, detect symptoms of pest infestations or identify nutrient application issues. LRRT transforms aerial imagery into actionable data, allowing growers to lower costs and increase yields.







What Can Be Identified



Crop Health Assessment



Crop Density & Counts



Stages of Plant Growth



Ranch Mapping

How It Works

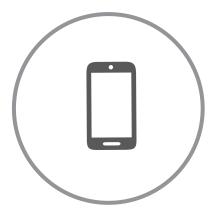


Scout

LRRT UAVs fly to count crops,
identify crop stress, and forecast
yields.



Review analyzed flight imagery with our experts, then share with your agronomist and staff.



Implement

Navigate directly to problem areas,
ground-truth, and apply treatment as your
team determines.

Taking Action with Aerial Imagery

- Improve irrigation efficiency
- Optimize fertilization plans
- Forecast yields
- Identify plants to be culled
- Apply pesticides precisely
- Efficiently deploy labor



Plant Vigor Assessment & Identification

- Quickly identify area of stress
- Ground-truth with your agronomist
- Convert agronomist diagnosis into an action plan

Our vigor assessment isolates areas where vegetation is lacking, or experiencing some form of stress. Using this imagery growers can identify areas requiring action and create a treatment plan, resulting in reduced input costs and increased yields.

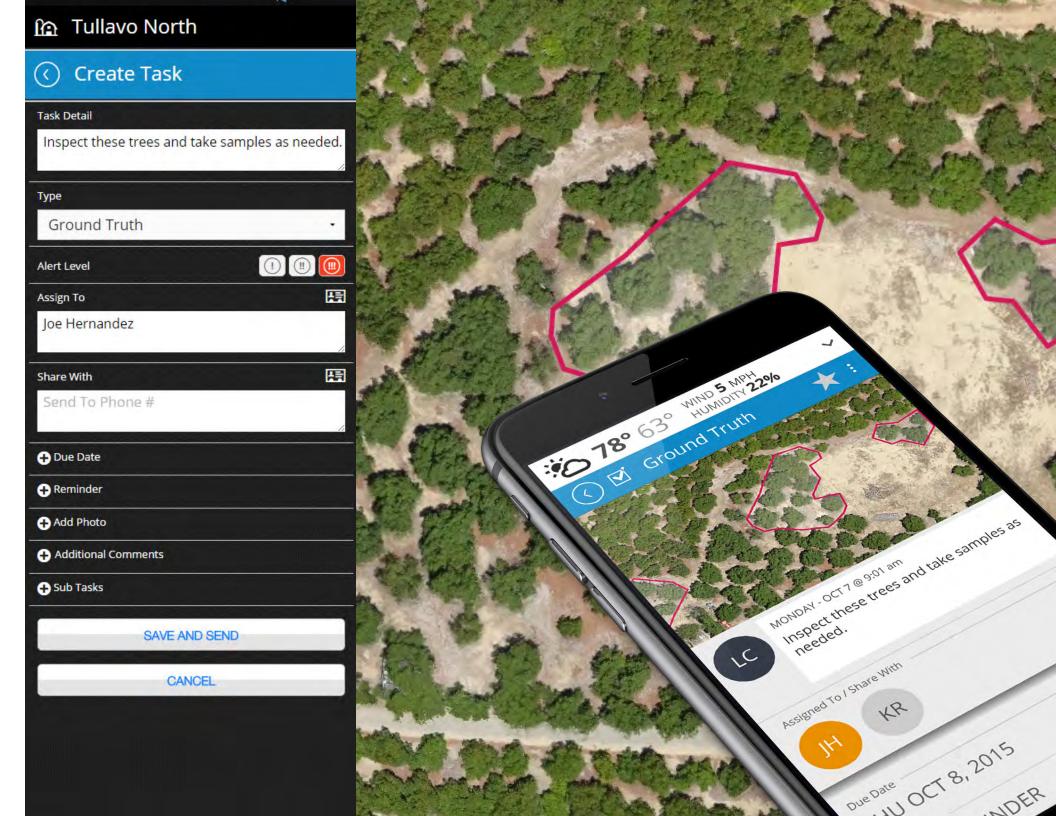




Transform Aerial Imagery into Action

- Pinpoint problem areas
- Assign tasks to staff, agronomists or PCA's
- Monitor task progress

Detect and treat early-onset crop issues by generating a series of tasks or action items. Once areas of interest have been identified, tasks can be assigned to agronomists, PCAs, or field staff to take action. Using our mobile tools they can navigate directly to the identified area with precision.

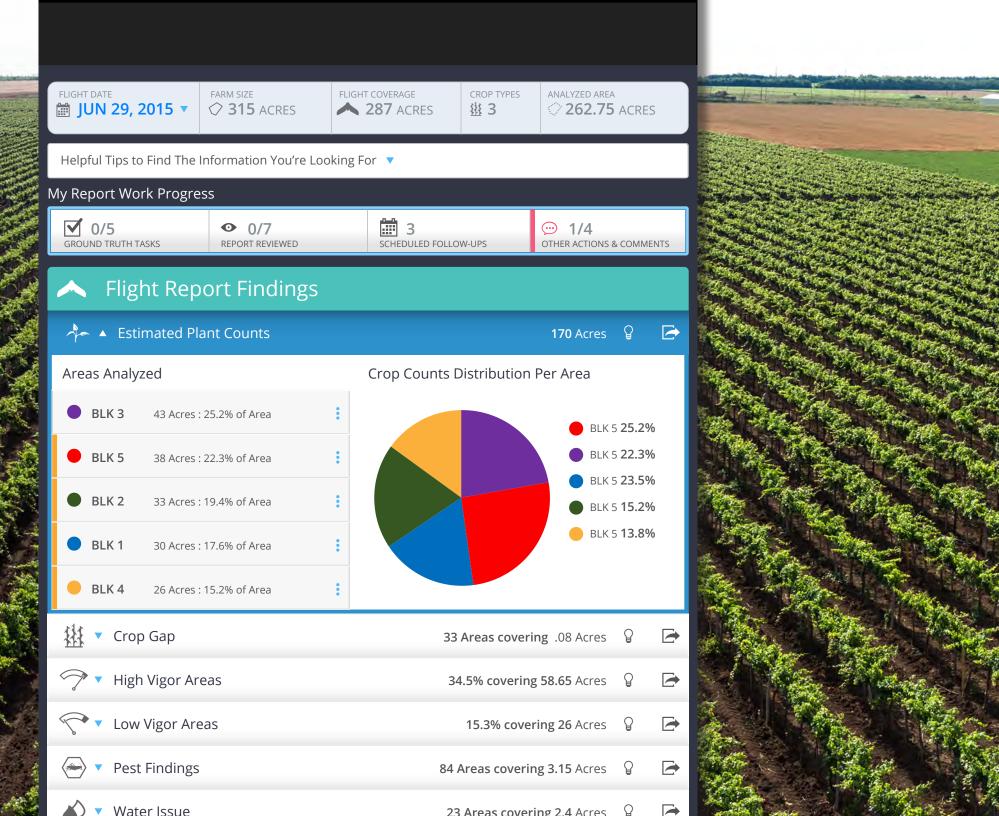




Flight Summary Reports

- Review flight findings
- Compare reports from multiple flights

Review key findings and areas of interest in a comprehensive flight summary report. Compare reports from multiple flights to monitor progress and share improvements with landowners, lenders, insurance providers and more.





Additional FarmSolutions Services

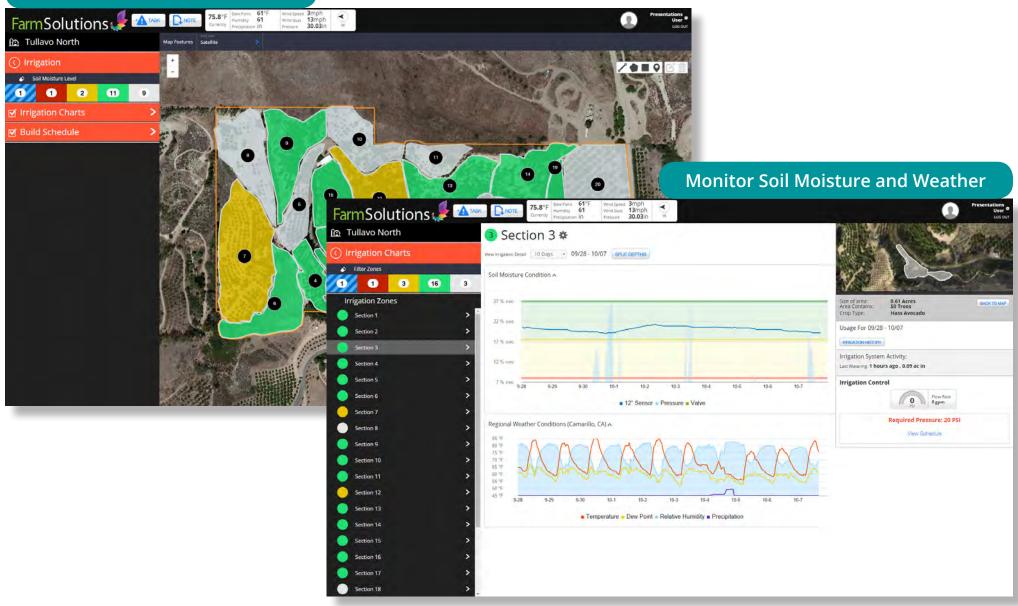
Chemistry Lab Data



Integrate Multiple Farm Data Layers

Combine additional layers of farm data with aerial imagery to create a comprehensive farm view. Integrate lab reports, soil moisture data, and yield reports to view and interact in one centralized platform.

Soil Moisture Sensor Data





Our Aerial Imagery.

Our Actionable Platform.

One Comprehensive Solution.

LRRT provides turnkey aerial image services, including all of the equipment, piloting, insurance and ENAC approvals needed to fly safely and inexpensively.

Using LRRT's analytical tools, task management and mobile capabilities, the grower, farm manager, and agronomist can easily extract actionable knowledge from aerial data. Focusing in facts that can be managed and tracked, the farm team can convert aerial imagery into low cost farm intelligence, saving money on nutrients, pesticides, and labor.







RICERCA TONON SRL

Laboratorio Rocce e Ricerca Tonon s.r.l. uses an "intrinsically safe" UAV (Mezzo Certificato Inoffensivo da ENAC, Aut. N. 8654) that can legally and safely fly over people, homes, roads, railways, etc. without having to evacuate the flown areas.

Other operators that do not have an "intrinsically safe" UAV must instead evacuate the flown areas even if they are authorized for "critical operations" (Operazioni Critiche).

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