planet.

PLANET MONITORING for Agriculture

AGRICULTURE • Orari, New Zealand • March 21, 2020

FREQUENT, HIGH RESOLUTION, PLATFORM-READY SATELLITE DATA

Agriculture has always been a risky business. Every part of the supply chain faces threats from weather, disease, price uncertainty, and now a growing demand for more sustainable practices. But finding data to help track and respond to these risks can be unreliable, expensive, and challenging to process into valuable insights at scale.

Planet Monitoring for Agriculture is changing that. With our distributed network of satellites, Planet provides imagery of every acre on Earth, almost every day.

PLANET'S SOLUTION FOR AGRICULTURE



RELIABLE IMAGERY WHEN YOU NEED IT

Monitor crop health in every field without ever missing key moments because of clouds or gaps in coverage. Planet's near-daily revisit rate means farmers, agronomists, and analysts have reliable access to data throughout the growing season.

Frequent revisit and in-field detail: Color-Infrared imagery of fields along the Orange River, South Africa.



SCIENCE GRADE DATA AT ENTERPRISE SCALE

Understand field productivity with analysis-ready data. Leverage the tools built into our flexible APIs to produce vegetation indices that yield insights for agronomists and growers. Access the largest catalog of Earth Observation data with over 1,700 images for any spot on Earth to build unmatched maps for productivity zones and variable rate applications, or to train machine learning and computer vision algorithms.



- 3-5 meters/pixel
- Near-daily revisit
- Up to 5 year archive
- 8 bands: RGB + Coastal Blue, Green II, Yellow, Red Edge, and NIR
- Tasking satellites
- 50 cm/pixel
- Sub-daily revisit
- Up to 5 year archive
- 5 bands: RGB, NIR + Pan
- Cloud-free
- 3-5 meters/pixel
- Quarterly, Monthly, or Weekly Refresh
- Seamless Data for Advanced Analytics
- 8 bands: RGB + Coastal Blue, Green II, Yellow, Red Edge, and NIR

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