

# How healthy is your crop?

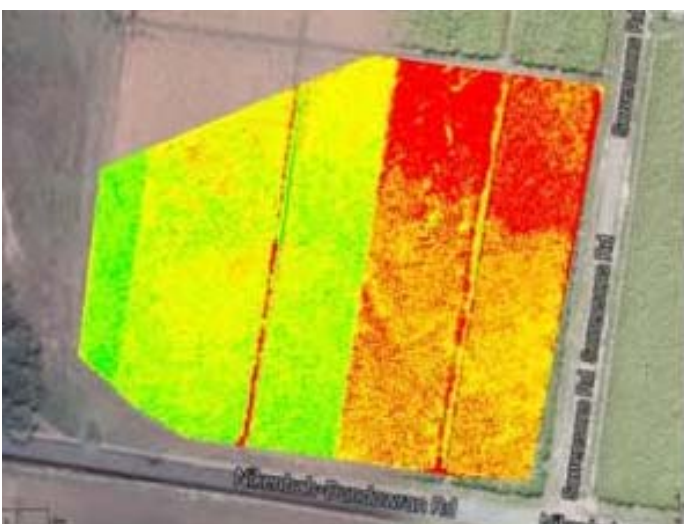
*Why your farm needs eyes in the sky!*

Crop health is vital to maximising the output of your farm. Stressed crops will not product the maximum yield potential.

Aerial crop imagery gives a big picture view of crop health and provides the data you need to confidently target problem areas.

Our specialised AgEagle agricultural UAVs (Unmanned Aerial Vehicles) can quickly gather precise information about your crops, even on very large properties.

The AgEagle can cost-effectively survey up to 3000 acres in one day and produce actionable NDVI maps within 24 hours.



Images taken with near-Infrared (NIR) show the health of your crop and quickly identify areas of plant stress to a cell level within hours.

NIR images can be converted to NDVI (Normalised Difference Vegetation Index) maps which show healthy and stressed areas. Green areas indicate healthy growth, while orange and red show the crop under stress.

These images can be converted into variable rate prescriptions for applying solutions.

## NDVI EXPLAINED

*NORMALISED DIFFERENCE VEGETATION INDEX*

All plants absorb and reflect radiation. In the **near infrared** spectrum, there is a specific colour range that indicates a healthy plant. Colours outside of this range indicate plants “under stress”! A high definition NDVI image can identify problems the human eye simply cannot see.

**Ask us about an obligation-free demo of NDVI imagery on your property**



**QUEENSLAND  
DRONE  
PHOTOGRAPHY**

- NDVI crop imaging and crop surveys
- Orthomosaic and 3D terrain mapping
- High resolution colour photography
- Cinematic quality 4K aerial videography
- Infrastructure and industrial inspections



**EMAIL: [INFO@QLDDRONES.COM.AU](mailto:INFO@QLDDRONES.COM.AU) PHONE: 0439 383202**