

Agriculture & Drones

How aerial crop imaging can save you time and money

- Survey your crops, gather aerial images and produce NDVI maps to identify healthy crops and stressed plants.
- Automate jobs that would normally take a lot of time and resources like checking irrigation systems, monitoring pumps or even scaring off pest birds.
- Assess crop damage after storms or pest attacks and provide fast evidence of damage for insurance claims.
- Check that defoliants have been fully applied before harvesting.
- Develop precision fertiliser application maps to minimise nitrogen costs and maximise crop yields.



What is NIR?

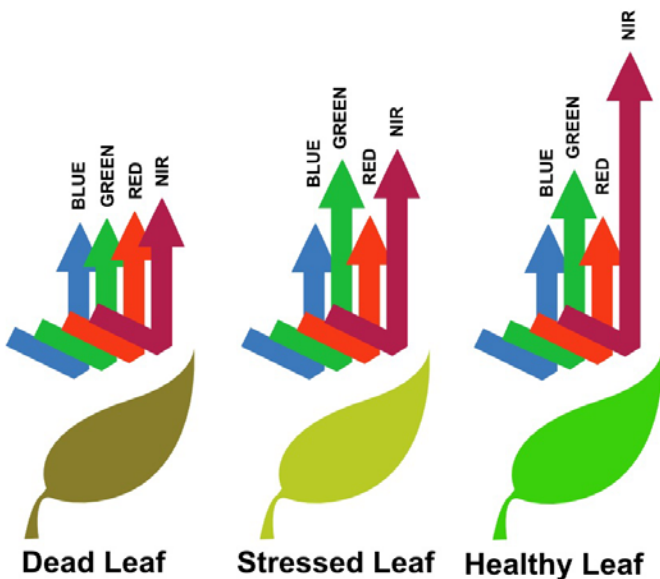
NIR is Near-Infrared imagery. Near-Infrared is colours that are outside the spectrum of the human eye but can be captured by specially modified cameras.

How can that help on the farm?

It means that although we can look at a plant and it looks healthy, the Near-Infrared imagery can detect how the plant is absorbing and reflecting light — which in turn can tell us how healthy that plant really is.

These Near-Infrared images can be geo-coded and stitched together to create large scale NDVI image maps of your crops or even your entire farm, showing the health of not just each crop, but of each row or tree in each field.

NIR and NDVI will identify crop stress well before the human eye can see it, leading to faster, more effective treatments.



Ask us about an obligation-free demo of NIR imaging 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 PHONE: 0439 383202