

Crop Health Sensor

A true measurement of crop health



Precision to Decision Simplified

Sensor made for precision Ag

The Sensor AgEagle uses in both the RX48 and RX60 brings even more precision and accuracy to users looking to collect reliable and valuable crop health data.

Now, every grower, agronomist and consultant has an easy-to-use, accurate, and reliable solution.

A Reliable Precision Ag Tool:

The sensor produces crisp, detailed near-infrared (NIR) imagery, allowing growers to quickly produce normalized difference vegetation index (NDVI) crop maps.

The level of detailed information provides users with invaluable information about crop health and maturity.



NIR Sensor

Features and Benefits

- Low-distortion optics + global shutter technology ensure crisp, clear crop imagery
- Captures data to create precise NDVI maps, providing users with a complete crop health report card
- Aerial images are processed into precision aerial maps automatically by Botlink
- Aerial crop health maps are compatible with SST, SMS and many other farm management software tools

NIR Sensor Designed for Aerial Precision Agriculture

- No moving parts
- Global shutter
- Full integration
- Fully automatic



Not effected by cloud shadows

NIRX Processing removes effects of cloud shadows



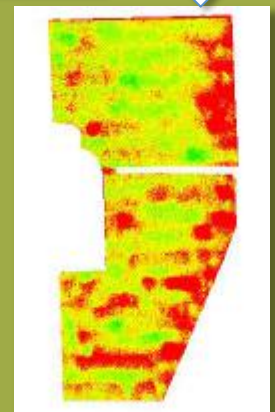
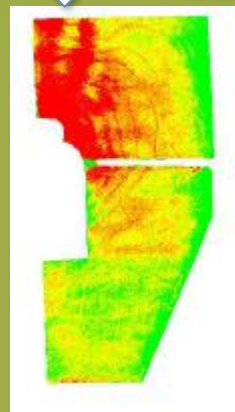
V2 Corn

Accurate aerial maps even of very small plants*

*The V2 corn above was used in the images to the right

NIRX processed image removes effects of cloud shadows

Regular NIR/NDVI affected by cloud shadows



Sensor Specifications:

- 1.2MP CMOS with Global Shutter / NIR
- 1" x 1.33" x 1.47", 30 grams
- JPEG output