



## PHANTOM™ 4 PRO NDVI UPGRADE



The Sentera NDVI Single Sensor transforms the Phantom™ 4 Pro drone into an easy-to-use precision scouting tool. The NDVI Single Sensor enables a grower to capture NIR imagery and produce NDVI crop maps while retaining the ability to use the Phantom 4 Pro's 20MP sensor, capable of shooting 4K video.

Together, the state-of-the-art Phantom 4 Pro and the Sentera NDVI Single Sensor provide growers with an affordable way to collect near-infrared (NIR), normalized difference vegetation index (NDVI) and high-resolution RGB color imagery simultaneously. With an endurance of 30 minutes, 1-inch 20MP camera and a standard 5-direction obstacle sensing system, the Phantom 4 Pro allows growers to confidently and systematically collect precise crop health data and make informed input decisions.

### FEATURES & BENEFITS

- Seamlessly retain the Phantom 4 Pro camera functionality while collecting NIR imagery and producing NDVI maps
- Easily identify crops under stress
- Quickly focus inputs while maximizing outputs
- Confidently fly with standard 5-direction obstacle sensing system
- Seamlessly leverage AgVault™ software so data can be viewed at the field edge and immediate action can be taken



Transform a DJI Phantom 4 Pro into a precision scouting tool

# PHANTOM™ 4 PRO NDVI UPGRADE

## SEAMLESS INTEGRATION

We'll do it for you. We will work with any grower, agronomist or consultant to professionally integrate a Sentera NDVI Single Sensor with a new or existing Phantom 4 Pro drone, ensuring the solution perfectly fits the need. Contact us to discuss upgrading other DJI platforms.



Sentera Single Sensor

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Existing or new  
DJI Phantom 4 Pro drone

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Precision scouting tool

## AGRICULTURE SOLUTION

Sentera's NDVI upgrade allows a Phantom 4 Pro drone to capture high-resolution color, NIR and NDVI imagery simultaneously, providing growers and agronomists with a precise, affordable solution to help determine the health and vibrancy of a crop. This information is an integral part of how growers and agronomists make input decisions, enabling them to increase crop yields while being good stewards of the land and environment.



Sentera NDVI Single Sensor



NDVI + CROP HEALTH



FIELD SCOUTING

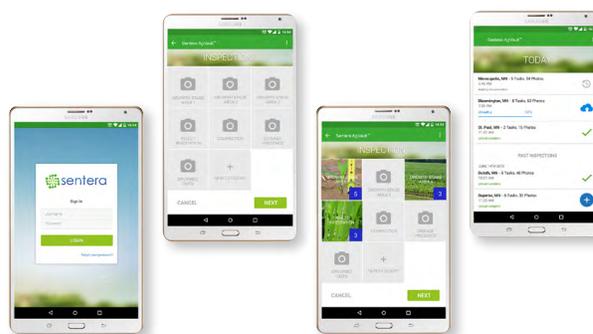
Examples of imagery output from the Sentera NDVI Single Sensor

## AGVAULT™ SOFTWARE

Sentera's software solution, AgVault, unlocks the value of crop health imagery. Fly the DJI Phantom 4 Pro using AgVault Mobile\*, then organize, store, view, annotate, and share images with teams and partners, expanding the circle of impact. AgVault is compatible with all popular agricultural analytic tools, creating a seamless flow of imagery and data from capture to detailed analysis.



Sentera AgVault desktop software



Sentera AgVault Mobile for Android + iOS mobile devices



Phantom is a registered trademark of DJI. Upgrading a Phantom 4 Pro with an NDVI sensor nullifies DJI's manufacturer warranty.

Contact us—let's do something amazing!

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\*Autonomous flight capability available exclusively for iOS mobile devices.

Lit. 4055 02/17