PIX4Dfields

The fast in-field drone solution enabling digital agriculture

Use drone mapping to quickly and reliably digitize crops, eliminate guesswork, and enable in-field decision-making

In-field results

Create maps rapidly (no internet connection required) for faster decision making and action, without leaving the field.

Reliable maps

Always get maps of your fields and crops at any critical stage regardless of satellite availability and cloud cover.

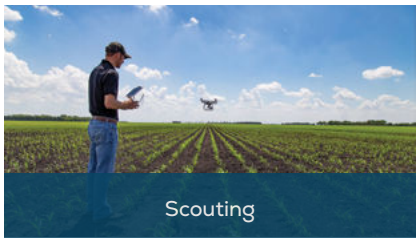
Trusted results

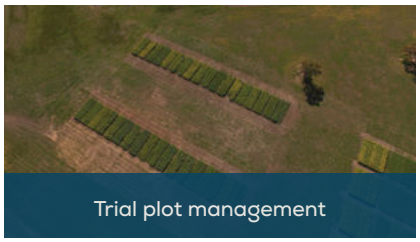
Eliminate guesswork by analyzing crop health maps and measure issues using calibrated multispectral or full resolution RGB images.

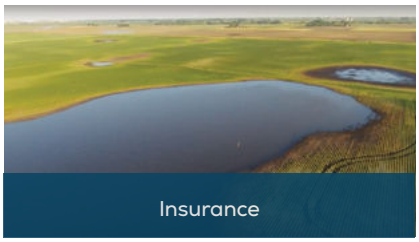
PIX4D

Applications

Using drone mapping in agriculture


Scouting


Trial plot management


Insurance


Fertilization


Drainage and irrigation


Crop protection

FEATURES

Features	Advantages
Field and Farm project organization	Organize your projects around the industry standard of Field and Farm, and include key information such as crop type and crop variety, etc
Fast mapping	Generate high-resolution orthomosaics and RGB composites, directly after flying. Offline and local
Rig relative calibration	Optional recalculation of the rig relatives to improve band alignment for supported multispectral cameras
Field boundary editor	Create your own field boundary, or import an existing one, and trim other layers based on the boundary
Index generator	Automatically generate predefined indices (BNDVI, GNDVI, LCI, MCARI, NDRE, NDVI, SIPI2, TGI or VARI)
Index calculator	Create your own custom indices by inputting an index formula, save and reuse with Data Sync
Zonation tool	Create custom zones based on information from vegetation index maps using the normal or high quality level and between 2 and 7 classes
Prescription tool	Create comprehensive application rate maps for a more targeted input with the prescription tool
Comparison tool	Compare different maps side-by-side using split or double screen
Annotations tool	Annotate crop focus areas, add descriptions, attach images or import geolocated images for additional context
Measurement tool	Measurement tools to quickly measure distances and areas for analysis in the field
Statistics	DSM, index layers, and their area annotations display mean and standard deviation. Point annotations display DSM and index layer values.
Radiometric correction	Generate orthomosaics / indices that can be compared in different weather conditions when using multispectral imagery
Data synchronization	Synchronize your projects between multiple devices, so you can work with them on different computers and / or tablets
PDF report generator	Share your maps with all project stakeholders for seamless collaboration using the PDF report export tool
Export tool	Select some or all layers in your project and export them into a predefined folder on your computer
Advanced layer visualization	Adjustable histogram value ranges including equalization to provide control over data values of interest

HARDWARE SPECS

CPU: Intel® Core™ i3 or AMD Phenom processor (or faster recommended)

GPU: NVIDIA GeForce 2 GB RAM (or better recommended)

HD: Approximately 4GB HDD free space

OS: Windows 10 / macOS Catalina (10.15) or above

RAM: 4GB RAM (or 8GB recommended)

Try for free at **pix4d.com/fields**