



UAV-captured images. Upper: RGB photo. Lower: Vegetation index NDVI map.

UNMANNED AERIAL SYSTEMS FOR AGRICULTURE

Today's intensive and large-scale farming operations make new and efficient tools more important than ever. Why not utilize today's latest mapping technologies to optimize your crop planning and management?

CHALLENGES

- Evaluating planting results and replanting requirements
- Detecting disease
- Detecting pest damage
- Detecting noxious invasive weeds
- Optimized planning and application of crop inputs –water, fertilizer and pesticides
- Estimating yields accurately
- Maximizing profits

RISKS

- Uninformed decision-making
- Overlooking crop damage
- Poor yields
- Inefficient planning and/or application of crop inputs
- Excessive use of water, fertilizer, pesticides and fuel
- Wasted time and wages
- Lost revenue

SOLUTION

Have Seisland conduct your next crop survey using an unmanned aerial system (UAS). We plan and conduct the survey flight, then process the collected data and provide you or your agronomist with an orthomosaic or a colour contrast map indicating your crop's health and physical conditions. Our multispectral cameras can observe problems invisible to the naked eye.

