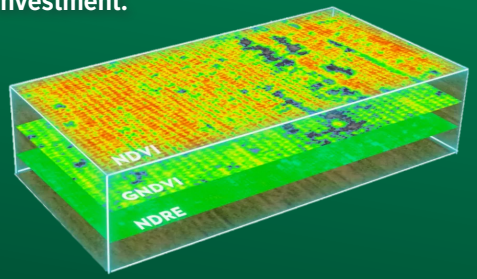
ELEVATE YOUR OPERATION

Using drone technology in precision agriculture enhances the ability to make data-driven decisions, leading to improved crop management, resource efficiency, and ultimately, higher yields. The timely identification of issues allows farmers to implement targeted interventions, reducing the likelihood of crop loss and optimizing the return on investment.



Learn More about the Scout Program ***Online***

SCAN ME

or visit agstate.org/drone-solutions

AgState

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AgState DRONE SOLUTIONS

FIELD SCOUTING

THE NEW-AGE OF SCOUTING

Using drones for precision agriculture can indeed offer several benefits in terms of monitoring and managing crops more efficiently. Here is an overview of how this technology can be advantageous in each stage from planting to harvesting:

PLANTING STAGE

Stand Count: Our AgState Scout drones equipped with high-res cameras will capture images of the entire field, providing accurate stand count information. This helps in assessing the overall crop establishment and identifying areas with poor stand count.

EARLY GROWTH STAGE

Weed Pressure: Our AgState Scout drones will identify areas with heavy weed pressure by capturing images and analyzing them using computer vision algorithms. This information allows for targeted weed management strategies, saving resources and optimizing yields.

Nutrient Deficiency: Our AgState Scout drones will use sensors to detect variations in crop health, helping farmers identify nutrient deficiencies early on. This information enables precise application of fertilizers to address specific areas of concern.

Disease Detection: Our AgState Scout drones equipped with hyperspectral sensors will detect signs of diseases or stress in crops. Early identification allows for timely intervention, reducing the risk of widespread crop damage.

TASSELING STAGE

Tasseling Assessment: With AgState Scout, we will monitor the tasseling stage to ensure uniformity and identify any issues that may affect pollination. This information aids in adjusting management practices for optimal yield.

HARVESTING PREPARATION

Overall Field Health: By regularly monitoring the entire field, farmers can gain a comprehensive understanding of the overall health and performance of the crop. This information helps in planning and optimizing harvesting operations.

ONLINE PORTAL

Centralized Monitoring: An online portal consolidates all the information gathered by drones, providing a centralized platform for farmers to assess the overall health and condition of their fields. This enables informed decision-making and efficient resource allocation.

SCOUT PROGRAM OFFERINGS

SINGLE FLIGHT

Ask about pricing

SEASONAL FLIGHT PLAN

- ✔ VE: Stand Count/Elevation
- ✔ V5: Plant Health/Weed Detection/Nutrient Deficiency
- ✔ VT: Tassel Counts/Plant Health/Nutrient Deficiency/Insect Detection/Disease Detection. (R1: For Soybean)
- ✔ R2: Plant Health/Insect Detection/Disease Detection/Biomass Estimator (Silage Yield Estimate)/Yield Estimation. (R3: For Soybean)

Special Pricing for InSiteCDM customers.**

InSiteCDM CROP DATA MANAGEMENT

OTHER SERVICES

- ✔ Surveying ¼ inch RTK accuracy
- ✔ Silage pile, Rock/Sand Pile estimates.