

# PHX

*Scout More Acres and Capture More Data*



With the PHX fixed-wing drone system from Sentera, effortlessly cover more acres with fewer resources, bringing accuracy and time savings to the field. Easily connect the Sentera Double 4K sensor of choice and seamlessly integrate data with FieldAgent® to validate performance and outcomes.

## Key Specifications of the PHX Fixed-Wing Drone:

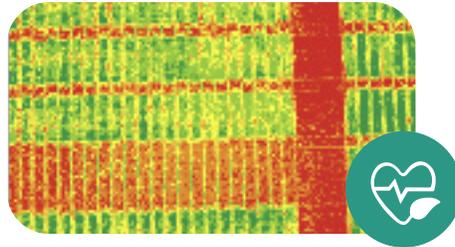
Aircraft Weight (No Payload)	4.2 lbs (1.9 kg)
Maximum Gross Takeoff Weight	4.8 lbs (2.2 kg)
Wingspan	4.5 ft (1.4 m)
Cruise Speed	35 mph (15.5 m/s)
Max Speed	55 mph (24.4 m/s)
Wind Limit	Up to 28 mph (12.5 m/s) winds aloft
Control Range	Up to 2 miles (3.2 km) visual line of sight
Endurance	Up to 59 minutes
Typical Operating Altitude	< 400 ft above ground level (AGL)
Maximum Operating Altitude	18,000 ft above sea level (MSL)
Payloads	Sentera Double 4K & MAVlink capable sensors
Communication	MAVlink
Battery	PHX Smart Battery 11.1V 900mAh LiPo
I/O	UART, Ethernet, VBatt, 5V
Video Capture	Live HD Video
Flight Controller	Sentera Senthawk Autopilot with Sentera Custom PX4 Flight Control Software

## *Faster Data Collection, More Precise Analytics*

Capture high-resolution imagery with the Sentera PHX + Double 4K Sensor for key analytics:



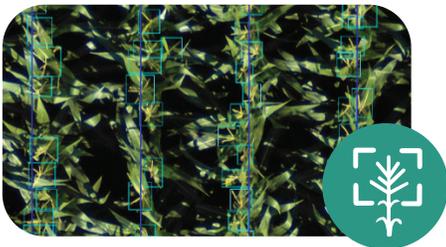
CANOPY COVER



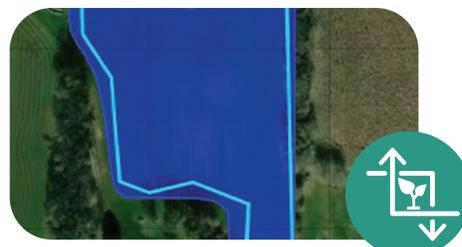
CROP HEALTH



RESIDUE COVER



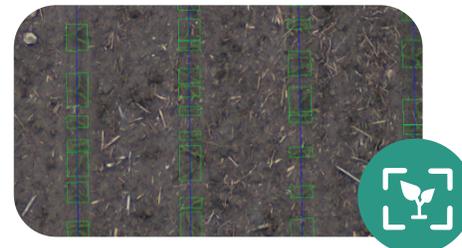
TASSEL COUNT



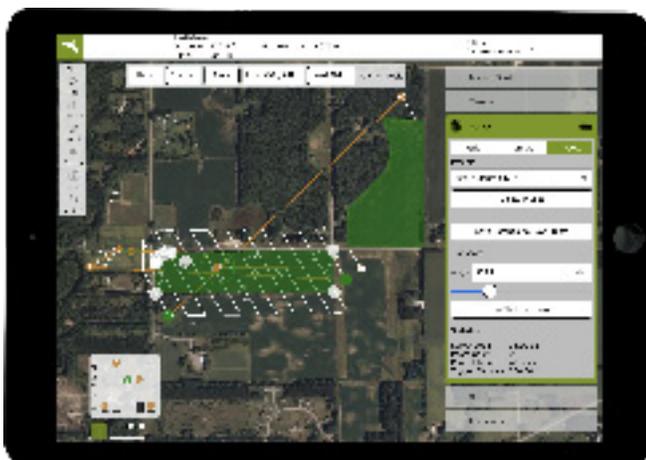
CROP AREA



FLOWERING



STAND COUNT



Flying made easy with the Fly PHX App!  
Plan, manage and execute flights from your iPad  
or Windows Device.



**Download  
Now!**