

GreenSeeker

HANDHELD CROP SENSOR

The Trimble® GreenSeeker handheld crop sensor is an affordable, easy-to-use measurement device used to assess the health—or vigor—of a crop in order to make informed nutrient management decisions on your farm.

Use the GreenSeeker handheld to instantly take a reading of your crop's health. Simply aim the sensor on the underside of the device at a crop 24 to 48 inches (60 – 120 cm) away and pull the trigger to get a reading.

Readings can be used to make non-subjective decisions regarding the amount of fertilizer to be applied to your crop, resulting in more efficient use of fertilizer—benefiting your bottom line as well as the environment.

Collecting data is easier than ever with Bluetooth® connectivity built into the sensor. With a linked mobile device running a compatible app (such as GreenSeeker BT Logger for Android™ mobile devices), NDVI values can be recorded for future analysis.

Power	
Battery	3.7V DC nominal, 1130 mAh
Charging	5V DC, 320 mA max
Charge Time	5.5 hours (full charge)
Continuous Operation Time	12 hours

Mechanical	
Dimensions	3.5" x 10.5" (9 cm x 27 cm)
Weight	11 oz. (310 g), including battery

Housing	
Material	Xenoy plastic
Rating	IP54

Optical	
RED	660 nm
NIR	780 nm
Field of View	10" at 24", 20" at 48"
Operating Height	24" – 48"

Connectors	
Remote Trigger Switch Port	2.5 mm Stereo phone jack
Charging Port	Micro-B (micro USB)

Operational Range	
Charging Temperature	50 °F - 104 °F (10 °C - 40 °C)
Operating Temperature	50 °F - 122 °F (10 °C - 50 °C)
Storage Temperature	14 °F - 158 °F (-10 °C - +70 °C)

Connectivity	
Bluetooth	Bluetooth Low Energy (BLE) 5.1

Key Benefits

- ▶ Easy to use—simply pull the trigger to get a reading
- ▶ Make objective farm decisions - NDVI values have been used for decades to determine specific fertilizer rates
- ▶ Save money and the environment by applying fertilizer only where needed
- ▶ Connect wirelessly to your mobile device via Bluetooth for rapid data collection with no extra equipment



Recommended
GreenSeeker
Android app



Recommended
GreenSeeker
iOS app



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