

GREENSEEKER HANDHELD CROP SENSOR

The GreenSeeker® handheld crop sensor is an affordable, easy-to-use measurement device that can be used to assess the health—or vigor—of a crop. Readings taken by the GreenSeeker handheld can be used to make non-subjective decisions regarding the amount of fertilizer to be applied to a crop, resulting in a more efficient use of fertilizer—a benefit to both a farmer's bottom line and the environment.

MSRP
\$495!
USD



HOW THE GREENSEEKER HANDHELD CROP SENSOR WORKS

- Upon pulling the trigger, the sensor turns on, emits brief bursts of red and infrared light, and then measures the amount of each type of light that is reflected back at the sensor.
- The sensor continues to sample the scanned area as long as the trigger remains engaged.
- The strength of the detected light is a direct indicator of the plant's vigor.
- The sensor displays the measured value in terms of an NDVI reading on its LCD display screen. NDVI readings can range from 0.00 to 0.99; the higher the reading, the healthier the plant.



Trimble Agriculture. The line everyone follows.

GREENSEEKER HANDHELD CROP SENSOR

DISPLAY SCREEN

Easy to read display—even in sunlight—provides NDVI values for the plants in view of the sensor



TRIGGER

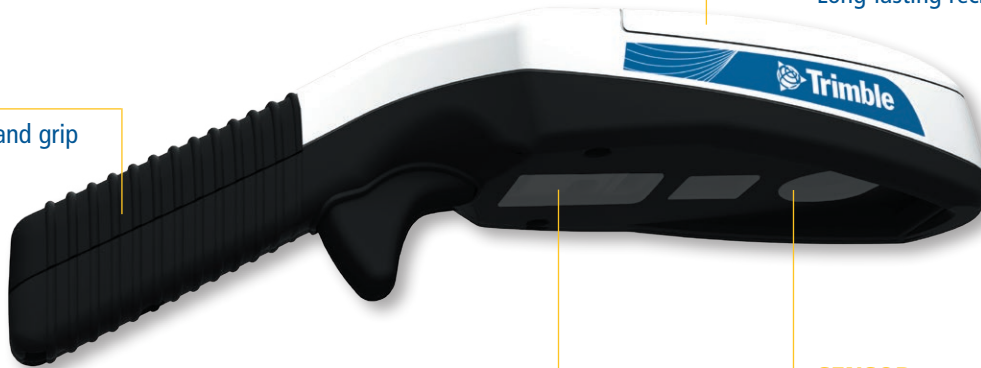
Simple pull-type trigger designed for minimal operator fatigue

BATTERY

Long-lasting rechargeable battery

HANDLE

Comfortable hand grip

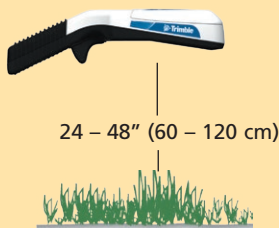


MICRO USB CHARGING PORT

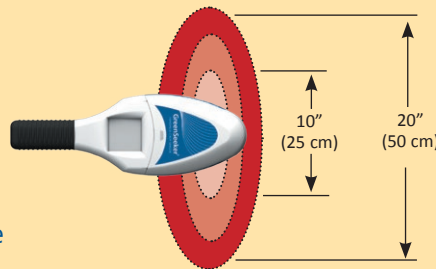
Provides a direct connection to recharge the handheld without the need to remove and replace the battery

SENSOR

High-quality optical sensor instantly measures plant vigor



To ensure the accuracy of your readings, hold the sensor 24" - 48" (60 - 120 cm) above the crop when the trigger is pulled.



The sensor's field of view is an oval; the field of view widens as the height of the sensor above the ground increases.