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 fertiliser to be applied to a crop, resulting in a more efficient use of fertiliser—a benefit to both a farmer’s bottom line and the environment.

**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.
**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 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.

© 2012-2013, Trimble Navigation Limited. All rights reserved. Trimble, and the Globe & Triangle logo are trademarks of Trimble Navigation Limited, registered in the United States and in other countries. All other trademarks are the property of their respective owners. PN:G02503-992C AUST (9/13)

www.trimble.com/agriculture

Trimble Agriculture Division

10368 Westmoor Drive

Westminster, CO 80237

USA