



GreenSeeker

SYSTEM

The GreenSeeker® crop sensing system is a variable rate application and crop vigour mapping system that offers a more efficient and precise way to manage crop inputs such as nitrogen. The system verifies in real-time the amount of nitrogen the soil has

made available using complex agronomic calculations called NDVI. The GreenSeeker system then determines a fertiliser prescription for instant application so that you are applying the right amount of nutrients needed by the plant.

GreenSeeker®
Variable Rate Application and Mapping Systems



Benefits

- ▶ Improves yields and profits
- ▶ Addresses field variability
- ▶ Current crop conditions are used to determine fertiliser rates
- ▶ Application rates automatically adjust based on readings taken by the sensors as the sprayer travels through the field
- ▶ Can often be used with existing rate control systems
- ▶ Works in any weather condition—day or night
- ▶ Easy to install, easy to calibrate, easy to use



GreenSeeker SYSTEM



CONVENTIONAL FARM PRACTICES

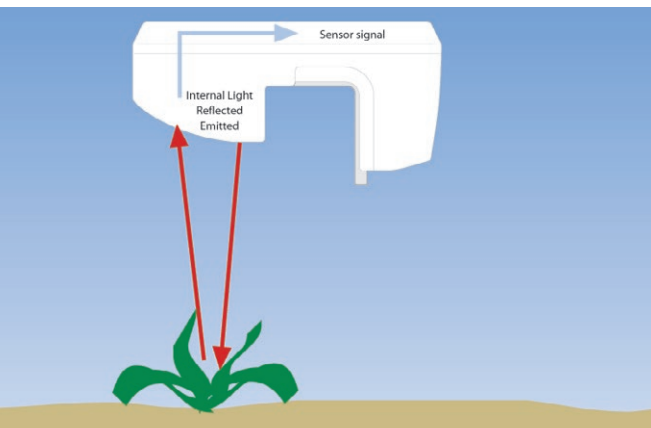
Farming practices traditionally dictate a consistent amount of fertiliser be applied at a constant rate across the entire field. The rate at which fertiliser is applied is usually based on grid soil sampling or last year's yield maps. Factors such as moisture and temperature, which can cause leaching or denitrification, are often not taken into account when calculating this year's fertiliser application rate.

GREENSEEKER SYSTEM ADVANTAGES

A sophisticated sensor located on the underside of the GreenSeeker system 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. These measurements are used by the GreenSeeker system to make real-time decisions about the amount of fertiliser to be applied on a crop as the sprayer travels throughout the field. Soil variability, and differences in plant vigour are consistently measured by the GreenSeeker system so that the plants receive the exact amount of fertiliser they need to thrive.

TRIMBLE DISPLAY COMPATIBILITY

The Trimble® TMX-2050™ or FmX® integrated displays function as the cab interface for the GreenSeeker system. The same display that steers your vehicle can control the rate of fertiliser application, eliminating the need for a second display and helping to reduce cab clutter.



Vantage Agrometius
 Molensteyn 48
 3454PT De Meern
 +3188-8180818
 info@vantage-agrometius.nl
 www.vantage-agrometius.nl



Contact your Trimble Ag Reseller today

NORTH AMERICA
 Trimble Agriculture Division
 10368 Westmoor Drive
 Westminster, CO 80021
 USA
 +1-720-887-6100 Phone
 +1-720-887-6101 Fax

Trimble Inc.
 Corporate Headquarters
 935 Stewart Drive
 Sunnyvale, CA 94085
 USA
 +1-408-481-8000 Phone
 +1-408-481-7740 Fax

EUROPE
 Trimble Germany GmbH
 Am Prime Parc 11
 65479 Raunheim
 GERMANY
 +49-6142-2100-0 Phone
 +49-6142-2100-140 Fax

