

# MEASURE AND ASSESS NITROGEN NEEDS IN-SEASON

Before you make midseason N application decisions, it's important to have a clear picture of how much N is in your field. Understanding in-season N availability can be a real guessing game, but now you can know exactly how much N is left through real-time measurement.  $360 \text{ SOILSCAN}^{\text{\tiny{TM}}}$  is a portable soil lab system that gives you the ability to test N availability and soil pH, right in the field, in about 5 minutes, with the accuracy of a traditional soil lab.



## → HOW TO USE 360 SOILSCAN: FIVE STEPS IN FIVE MINUTES

based on the results.

Step 1	Take a soil sample from your field with a 12-inch or 24-inch core.	
Step 2	Place two scoops of soil into the standard Dixie® cup provided and place in the mixing station.	
Step 3	Mix the soil and distilled water into a slurry.	
Step 4	Analyze the soil with 360 SOILSCAN.	
Step 5	Utilize the Corn Nitrogen Need Calculator to determine an application recommendation	

#### **⊕** KEY FEATURES

Durable	Rugged carrying case keeps all the pieces together and protects it from the elements
Expandable	Multiple sensor slots allow for future sensor additions
Portable	Easy to transport and operate from the back of your truck or ATV
Functional	Uses your iPad® as the operating platform and upgrades without new hardware

## • MEASURE AND THEN BUILD A PLAN IN MINUTES

Knowing how much N is left and how much N you need are two different things. With the Corn Nitrogen Need Calculator in 360 SOILSCAN, you can build customized N application plans instantly after measuring your soil, simply by inputting your:

- + Yield goal
- + Crop growth stage
- + Soil organic matter



#### TIMELY AND ACCURATE RESULTS

360 Yield Center has participated in the Agricultural Laboratory Proficiency (ALP) Program, which is a national proficiency testing program that monitors soil analysis for consistency, accuracy and reliability. The result: 360 SOILSCAN provides the same level of accuracy as traditional labs.

#### Summer 2015 Results - Nitrate N

Samples	ļ	Range for All Labs (PPM)	
SRS1511	10.5	14.3 🛨	24.7
SRS1512	17	<b>+</b> 20	23.1
SRS1513	7.1	14.7 🛨	24.4
SRS1514	34.0	<b>(+)</b> 4	54.1
SRS1515	47.5	51.3 🕀	60.2

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#### 360 YIELD PATROL: EASY TO TRACK FIELD INTELLIGENCE

We've taken in-season field monitoring and soil sampling to the next level with 360 YIELD PATROL™, the new 360 SOILSCAN companion app for the iPad® and iPhone® 360 YIELD PATROL allows users to record and track where soil samples were taken and uses a QR scanner to link soil samples to sample locations in the field.

It also offers in-field visual scouting capabilities so farmers can track what is happening in their field and their soil for better nutrient and plant health decisions. Users can digitally store all soil test data and link information from 360 YIELD PATROL and 360 SOILSCAN.

