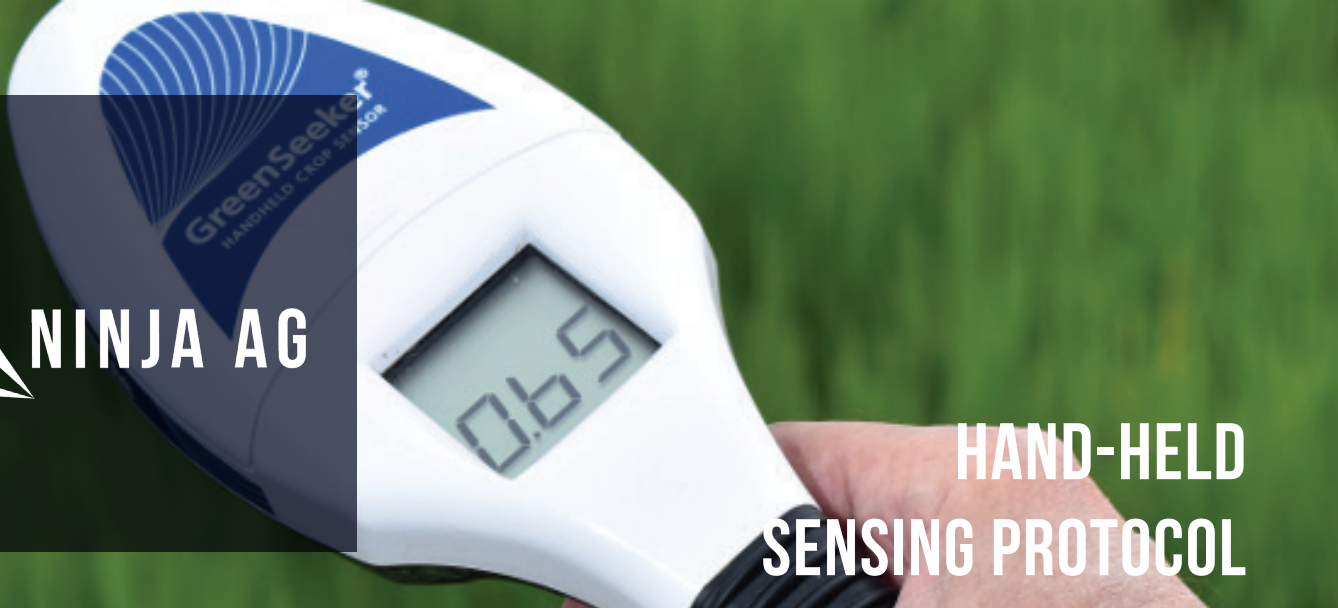




NINJA AG



HAND-HELD SENSING PROTOCOL

DEFINITIONS

Hand-held Sensor: Measurement device that is used to assess the health of a crop to make better nutrient management decisions

Flight: Refers to any collection of remote imagery

GOALS

This document will help you implement sensing best management practices and quantify errors by answering the questions below.

- Does sample collection have to be well distributed across the entire field?
- Does every field of a "flight" need samples collected?
- Can a field be sensed one, two or three days before or after a "flight?"

MUST DOS

- Record to as many location decimal places as possible.
- Use multiple sensing methods, when possible.
- Location must be recorded. This can be done via scouting apps or phone location.
- Hand-held sensor data must be written down, unless you have an android device.

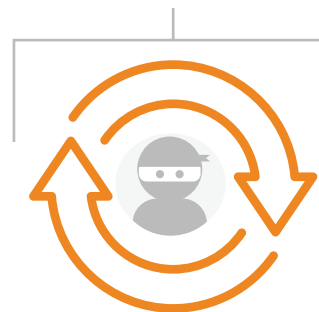
RESOURCES

- Soil, Water and Forage Analytics Lab iPhone App
- Soil, Water and Forage Analytics Lab Android App
- Android Handheld Data Collection App

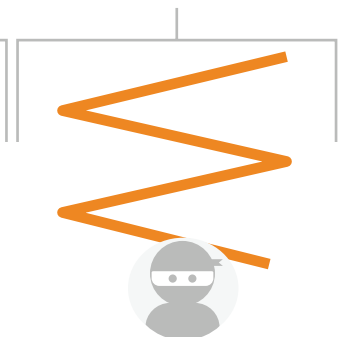
DATA COLLECTION PROTOCOL

At the data collection point, hold the sensor 30-40 inches above the crop canopy. While continuously holding down the sensor trigger, either circle around your body or move forward one step while moving the sensor left to right. Let the trigger go and record the data point.

Area should be approximately one meter in diameter



Area should be approximately one meter in diameter



The ninja is the individual holding the sensor.

CONTACT US

Find additional free resources at, NinjaAg.com or call 833-543-8889.

LET THE FIELD DO THE TALKING.

