

S P R A Y



O N T A R G E T

RECON
SPRAYSENSE™



STAY IN TOUCH

SEE MORE INFORMATION AT:



SprayOnTarget.com



FOR OVER 5 YEARS, INTELLIGENT AG HAS BEEN RESEARCHING VARIOUS ISSUES REGARDING THE MANAGEMENT OF SPRAY QUALITY.

**RECON
SPRAYSENSE™**



OUR STUDIES CONCLUDED:



You can't believe what you see...



This nozzle had 75% blockage.

- ⊕ The sprayer is the most utilized equipment on the farm today.
- ⊕ Infinite chemical and spray tip combinations, changing regulations, and new spraying techniques makes spraying an incredibly complex operation to manage.
- ⊕ The vast majority of sprayers we inspected had nozzles with significant variances from the desired flow rate.
- ⊕ Variations in nozzle flow rate and pressure can cause major problems with spray quality and, ultimately, chemical efficacy.
- ⊕ It is nearly impossible to physically see nozzle issues.

THIS CAN LEAD TO MANY PROBLEMS INCLUDING:



Sub-lethal dose delivered to weeds due to partially blocked nozzle.

- ⊕ Weed resistance
- ⊕ Reapplication that could have been prevented
- ⊕ Lost yield
- ⊕ Wasted chemical

RECON SPRAYSENSE OFFERS:

- ⊕ Real time monitoring of flow rate and pressure at every nozzle
- ⊕ Real time indication of droplet size (based on pressure and nozzle selection)
- ⊕ Foolproof flow detection: instant notification of current or emerging pressure or flow problems
- ⊕ LED included for problem indication and spray-pattern illumination in low-light conditions
- ⊕ Compatible with common check valves and electronic on/off valves (PWM support coming soon)
- ⊕ Easy to understand dashboard and nozzle-by-nozzle details views via iPad application
- ⊕ Pre-loaded specifications for over 1,200 nozzle tips in the iPad
- ⊕ Historical "Spray Quality Score" to understand percentage of acres applied within target rate and pressure ranges
- ⊕ Easily adjustable alarm settings
- ⊕ Flow rate displayed in GPM and GPA
- ⊕ Easy to install and configure
- ⊕ Designed for use with self-propelled and pull-type sprayers