

# Swath Gobbler™

swath measuring system



Drone sprays are highly variable

## HOW DO YOU KNOW SWATH?

Users need to understand exactly how changes in **use case** (each spray's unique setup, environmental and canopy variables) affect spray swath. Buyers can spray with confidence.

Accurate, actionable data means

## BETTER SPRAY BETTER RESULTS

Powerful insights into the **spray quality** and **drift potential** at the field margins allow onsite adjustments for better application.



## FAST

Scan a sprayed roll in 10-30 minutes onsite. This is about as fast as the data can be collected.



## PRECISE

Images captured at 1200 DPI. Stains as small as 50 microns are captured and recorded with confidence.

# DON'T SPRAY & PRAY

Without knowing swath, you have no idea what your **real** application rate is.

Evaluating the *actual spray* is the only reliable way to understand the swath for a given use case.

Swath Gobbler™ gives you the research-quality data you need to be the best in your field.

## THE PROCESS IS SIMPLE:

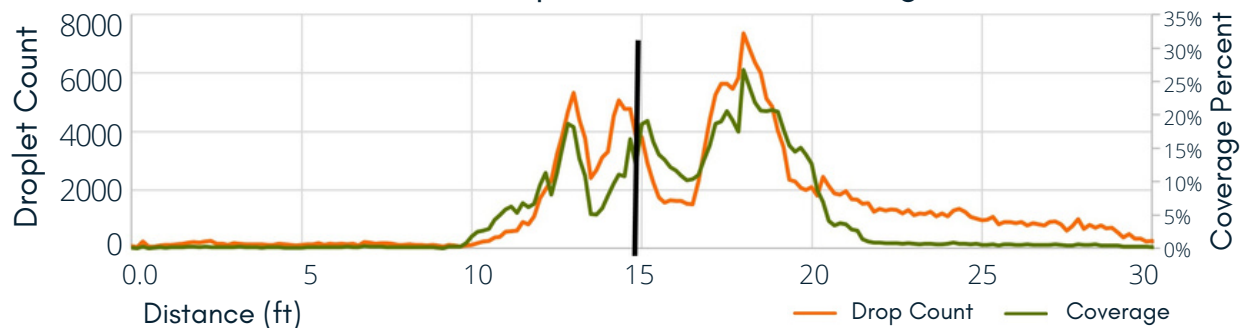
**Step 1:** Use drone to spray blue dye on 3" bond paper (receipt paper rolls).

**Step 2:** Scan the papers instantly onsite directly with Swath Gobbler™. All you need is a Windows™ laptop and 12VDC or 110 VAC power source.

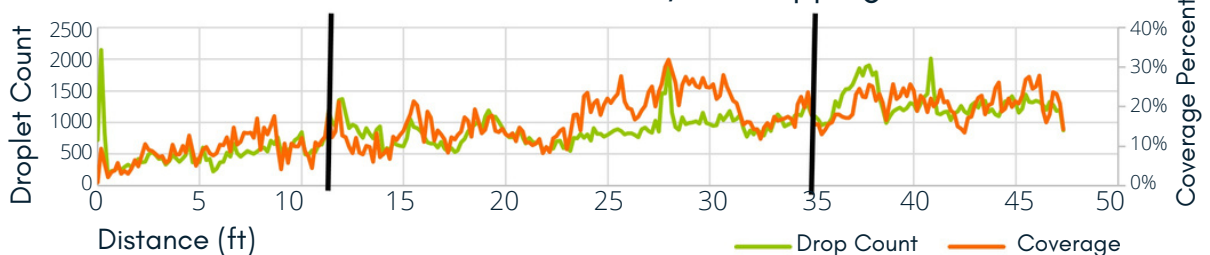
**Step 3:** User-friendly program immediately produces the histogram. Raw images and CSV files are available for post-process analysis.

## Swath Gobbler™ Pro Output Examples

### SINGLE PASS Droplet Count & Coverage Percent



### TWO PASSES Down & Back Parallel/Overlapping with Crosswind



# Swath Gobbler™ SCIENTIFIC

COMING  
EARLY 2024

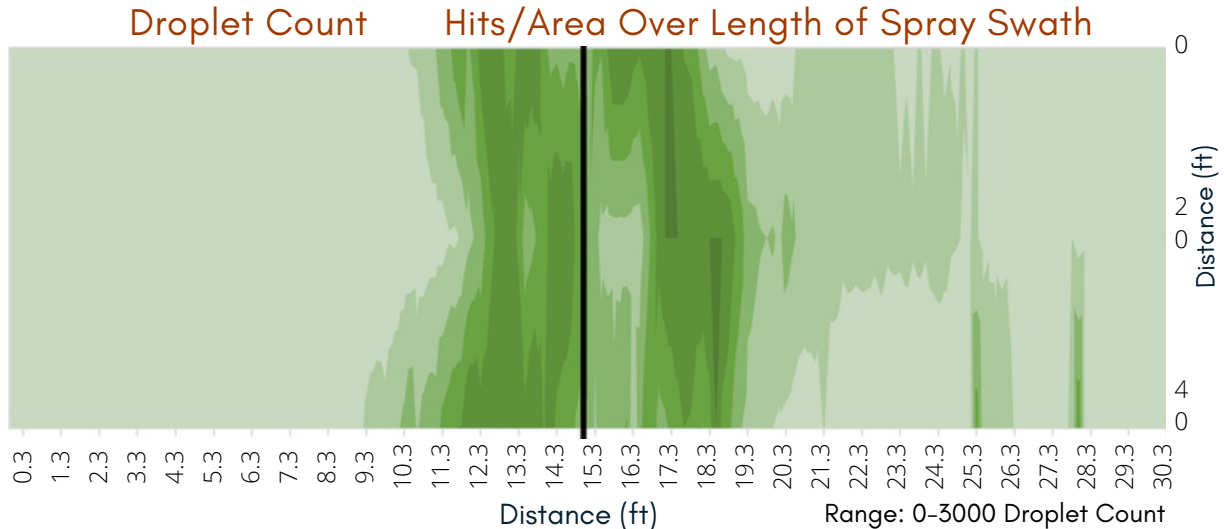
**Upgrade**  
Swath Gobbler™ Pro  
to the Scientific version  
if your data analysis  
needs ever change

## For more intense data users

Swath Gobbler™ Scientific allows parallel scanning with multiple scanners for even faster data acquisition.

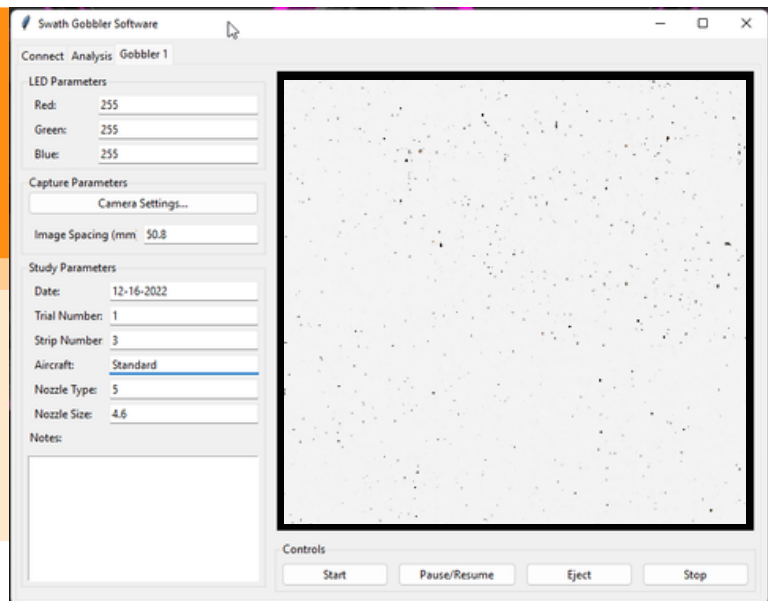
**Output** example below presents 3 swaths 20' apart analyzed together to produce heat map distribution representing 2-dimensional spatial coverage in the applied area.

**Movement of fines left to right with the wind is clearly visible.**



USER-FRIENDLY  
**SOFTWARE**

"Pro" Software  
can be upgraded  
to "Scientific"



877-410-2363  
[www.swathgobbler.com](http://www.swathgobbler.com)

## TWO PRODUCTIVITY OPTIONS:

**Swath Gobbler™ Pro:** Single scanner comes with Pro Software, USB A & C hubs, and 110VAC to 12VDC adapter.

**Best for:** Drone contractors and educators

**Accessories Kit:** Protect your Swath Gobbler™ from the elements with a field-rugged, weather-proof, foam padded carrying case. Also included:

- Lens cleaning brush
- 4 rolls of bond paper
- One Liter FD&C Blue #1 dye
- 12VDC vehicle plug adapter cord
- Swath paper spooling tool

**Coming Early 2024**

**Swath Gobbler™ Scientific:** Software allows parallel scanning with multiple scanner cameras for even faster data acquisition. Data can be arranged to output individual swath histograms, and histograms can also be combined spatially to provide 2-dimensional heat mapping of the field.

**Best for:** Test labs, registrants, university researchers, drone manufacturers

## CONTACT US TO ORDER:



Application  
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swathgobbler.com



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