



Sprayer Calibration Verification Checklist

Preparation & Equipment

Ensuring proper setup and access to necessary tools before calibration begins.

Calibration Date

Sprayer Type (e.g., Boom, Airblast)

Sprayer Operating Pressure (PSI)

Sprayer Ground Speed (MPH)

Weather Conditions (Dry, Humid, Windy)

☐

Dry

☐

Humid

☐

Windy


Any Relevant Notes/Observations (e.g., previous issues)

Write something...

Calibration Method Used

- ☐ Catch Can
- ☐ Pressure Gauge Method
- ☐ Other

Photo of Calibration Setup (Optional)

 Upload File

Nozzle Inspection & Selection

Checking nozzle condition, type, and arrangement for optimal spray pattern.

Nozzle Type(s) in Use?

- ☐ Fan Nozzle
- ☐ Cone Nozzle
- ☐ Flat Fan Nozzle
- ☐ Airblast Nozzle
- ☐ Other (Specify in Long Text)

If 'Other' Nozzle Type, please specify:

Write something...

Nozzle Size (inches/mm - specify units in long text)

Enter a number...

Units used for Nozzle Size (e.g., inches, mm)

Write something...

Nozzle Condition?

- ☐ Excellent - No Wear
- ☐ Good - Slight Wear
- ☐ Fair - Moderate Wear
- ☐ Poor - Significant Wear – Replace Recommended

Photograph of Nozzles (optional - for documenting condition)

 Upload File

Nozzle Deflector Type(s)?

- ☐ None
- ☐ Plastic
- ☐ Metal
- ☐ Air Shear
- ☐ Other (Specify in Long Text)

If 'Other' Nozzle Deflector Type, please specify:

Write something...

Flow Rate Verification

Measuring the actual output of the sprayer to compare with the target flow rate.

Target Flow Rate (gallons per minute)

Enter a number...

Measured Flow Rate (gallons per minute)

Enter a number...

Area Sprayed During Measurement (square feet)

Enter a number...

Time to Spray Measured Area (seconds)

Enter a number...

Measurement Method Used

- ☐ Catch Can Method
- ☐ Flow Meter
- ☐ Other (Specify)

If 'Other' Measurement Method Selected, Describe Method:

Write something...

Flow Rate within Acceptable Range?

☐ Yes

☐ No

If 'No', Describe Adjustments Made & Resulting Flow Rate:

Write something...

Pressure Verification

Confirming that the sprayer is maintaining the correct operating pressure.

Target Operating Pressure (PSI)

Enter a number...

Measured Pressure (PSI)

Enter a number...

Pressure Gauge Type

☐ Digital

☐ Analog

Gauge Reading Accuracy (within +/-)

Enter a number...

Pressure Adjustment Method

- ☐ Regulator
- ☐ Bypass Valve
- ☐ Pressure Relief Valve

Notes on Pressure Verification (e.g., any adjustments made, unusual observations)

Write something...

Spray Pattern Evaluation

Assessing the uniformity and overlap of the spray pattern.

Distance to Fan Edge (feet)

Enter a number...

Fan Width (inches)

Enter a number...

Overlap Percentage (%)

Enter a number...

Spray Pattern Shape

- ☐ Uniform
- ☐ Slightly Distorted
- ☐ Significant Distortion

Detailed Observations (e.g., drift, uneven distribution)

Write something...

Photo of Spray Pattern

 Upload File

Pattern Adjustments Needed?

- ☐ Yes
- ☐ No

Description of adjustments made to the spray pattern (if any)

Write something...

Record Keeping & Adjustments

Documenting calibration results and making necessary adjustments to the sprayer.

Calibration Date

Enter date...

Calibration Time

Target Flow Rate (gpm)

Enter a number...

Measured Flow Rate (gpm)

Enter a number...

Target Pressure (psi)

Enter a number...

Measured Pressure (psi)

Enter a number...

Spray Pattern Uniformity (Overall)

- ☐ Excellent
- ☐ Good
- ☐ Fair
- ☐ Poor

Notes & Adjustments Made

Write something...

Next Calibration Due

- ☐ 1 Week
- ☐ 2 Weeks
- ☐ 4 Weeks
- ☐ Other

Calibrator Signature