

CALIBRATION RECORD

Calibrating pesticide application equipment ensures the correct amount of pesticide is applied over a specified area. Calibration is essentially the same exercise for any pesticide formulation.

Do not assume the equipment will operate exactly as it did last year. Changes in delivery rates can be expected from normal wear and tear of the equipment. Therefore, calibration should be conducted bi-monthly during the growing season. This is scheduled as follows: April 1, June 1, August 1, and October 1.

There are several methods of calibrating pesticide equipment. We use the method developed through Michigan State University (see attached sprayer calibration chart). This is a simple and effective way to calibrate pesticide equipment.

Date: _____

Applicator Name: _____

Equipment Type: _____

Capacity: _____

Speed: _____ mph RPM: _____

Range: _____ Gear: _____

Pressure: _____ PSI

Nozzle Type and Size: _____

Nozzle Spacing: _____ Number of Nozzles: _____

Distance Traveled: _____ Feet

Distance Time (1): _____

Distance Time (2): _____ Average of Time (1) and (2): _____

Spray Collected: _____ Ounces per Nozzle

ounces collected per nozzle = gallons applied per acre

Gallons Applied per Acre: _____