Mist Blower Calibration

This calibration method is designed for applications to be made from both sides of a field for optimal & even coverage. One-side only applications require a separate calibration calculation.

Field Measurements

1. Determine gallons per minute put out by the mistblower. _____ gallons / minute
- Add water to tank and mark water line
- Run mistblower for one minute at one desired RPM
- Add measured water back up to original line
- Repeat for each mistblower setting as desired

2. Determine tractor speed/time in seconds per 100 ft. _____ seconds / 100 ft
- Repeat for each gear/speed as desired
- Use same RPM as "gallons per minute" process

3. Determine half of your average field width. _____ feet
- Count tree rows and multiply by tree spacing.
- Divide this field width by 2.

Calibration Calculations

1. DIVIDE 43,560 by "feet" equals….._____ A.

2. MULTIPLY the number on line A. by "gallons/minute" equals….._____B.

3. MULTIPLY the number on line B. by "seconds /100 ft.". equals….._____C.

4. DIVIDE number on line C. by 6,000. equals…._____ Gals / Acre

Calculating the Amount of Material per Tank

Gear / RPM Setting	_____	_____	_____	_____
Material Rate per Acre				
1. Tank volume (full, partial?)				
2. Gal. per Acre (from page 1)				
3. Acres per tank (divide #1 by #2)				
4. Amount / tank (#3 X Rate / acre)				

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