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

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<th>Gear / RPM Setting</th>
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<th>Material Rate per Acre</th>
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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)