

Hand/Backpack Sprayer Calibration

Determine acres that can be sprayed with given volume.

$$\text{Acres} = \frac{\text{Volume of Tank}}{\text{GPA}} \quad 2.5 \text{ acres} = \frac{5 \text{ gal tank}}{2 \text{ GPA}}$$

Determine how much pesticide to add to tank.

Labeled rate X acres = amount to add to tank
8oz of pesticide per acre X 2.5 acres = 20oz to tank



406-444-5400

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1. Measure out an 18½ X 18½ foot square in the target area.
2. While maintaining consistent pressure, spray the measured area uniformly with water and record the number of seconds required to cover the area.
3. For the same amount of time, spray into a large bucket with the same consistent pressure.
4. Ounces collected = Gallons Per Acre (GPA)

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