

# Sprayer Calibration

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# Backpack Sprayer

- Measure an area 17' x 20'
- ◆ This is equal to 1/128 of an acre



# Backpack Sprayer

- Time how long it takes to spray the 17' x 20' area
  - ◆ Repeat 2x or 3x and average them







# Backpack Sprayer



- Spray into a measuring pitcher for the length of time it took to spray the 17' x 20' area
- Measure that amount in ounces and that is equal to the gal/acre that your sprayer is putting out.
- $32 \text{ oz.} \times 128 = 4,096 \text{ oz.} = 32 \text{ gal.}$

# Pump-Up Sprayer

- Measure an area 17' x 20'
- ◆ This is equal to 1/128 of an acre



# Pump-Up Sprayer

- Fill sprayer up & mark with a line





# Pump-Up Sprayer

- Spray Area to desired coverage





# Pump-Up Sprayer



- Fill sprayer back up to the line and subtract what you have left from what you started with
- $32 \text{ oz.} - 14 = 18 \text{ oz.}$  or
- 18 gal. per A.