HANDGUN SPRAY CALIBRATION

1. **Mark out an area 31.5ft x 31.5ft- This equals 1000 sq. ft.**

2. Setup your sprayer and uniformly spray the measured test area with your handgun sprayer (with clean water) and **RECORD** the amount time it took you to spray

"UNIFORMLY SPRAY the TEST AREA"

Record this time and **SECONDS or MINUTES** and write that time down

_____**Time to Spray Area**

3. Catch the spray (clean water) from your handgun sprayer of hand wand sprayer in a container for the same period of time (seconds or minutes) that it took you to spray the 1,000 sq. ft.

Record this amount in gallons caught and write that down

_____ **gallons caught**

4. Calculate the application rate per acre by taking the gallons of spray you caught and take it times 43.56 to get your application rate per acre in gallons.

_____ **gallons per acre applying with the handgun sprayer**

5. Take the size of your sprayer tank and divide it by your application rate per acre to get how many acres you will apply with each full tank load.

6. YOU CAN THEN CALCULATE HOW MUCH CHEMICAL(S) IS/ARE NEED FOR EACH TANK LOAD

7. Tank size = _____ **divided by GPA** _____

=_____ **acres per** full **tank**