

Boom Ground Sprayer Calibration

1. To determine Calibration Distance, check table below.
2. With all attachments in operation, count the seconds it takes to travel the Calibration Distance. (Note RPM or throttle setting or MPH)*
3. Using only water, collect all the spray from one nozzle for the number of seconds it takes to travel the Calibration Distance.
4. The number of ounces collected from one nozzle equals the total gallons per acre that the entire boom will apply.
5. Repeat 3 and 4 on several nozzles to assure even spray distribution.

**if driving a ATV/ 4Wheeler or even a regular truck, using a GPS device is very accurate for determining the MPH*

TABLE	
Nozzle Spacing (Inches)	Calibration Distance (Feet)
48	85
40	102
38	107
36	113
34	120
32	128
30	136
28	146
24	170
20	204
18	227
16	255
14	292
10	410

EXAMPLE:

1. Say your nozzles are spaced at 20 inches on boom.
2. It takes your rig 48 seconds to travel 204 feet.
3. In 48 seconds one of your nozzles puts out 17.6 ounces .
4. Your whole boom will apply 17.6 gallons per acre.

NOTE: Check your nozzles to make sure they are all putting out about the same. Replace old or worn out nozzles or check for obstructions clogging low flow nozzles.

DON'T SPRAY DURING WINDY CONDITIONS THAT FAVOR VOLATILITY. SPRAYING DURING HOT DAYS MAY BE LESS EFFECTIVE. READ THE ENTIRE LABEL BEFORE PURCHASING AND APPLYING ANY HERBICIDE. AFTER SPRAYING WEEDS CLEAN YOUR EQUIPMENT BEFORE LEAVING THE SITE TO PREVENT SPREADING WEED SEEDS TO OTHER AREAS.