

## Figure Your Inches Per Hour From A Sprinkler

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It has often been the desire of the golf course superintendent to obtain a cheap, easy, and accurate method for determining the exact precipitation of water in inches per hour from a sprinkler. The following suggested method fulfills this desire.

### MATERIALS REQUIRED

a — A number of of No. 2 cans or any similar type of container which has a diameter of  $3\frac{1}{4}$ ". No. 2 cans are commonly used at grocery stores to contain peas, beans, tomatoes, etc.

b — One glass or plastic cubic centimeter tube, this graduated cc tube costs about \$1.00 and may be purchased at most drug stores or surgical supply stores.

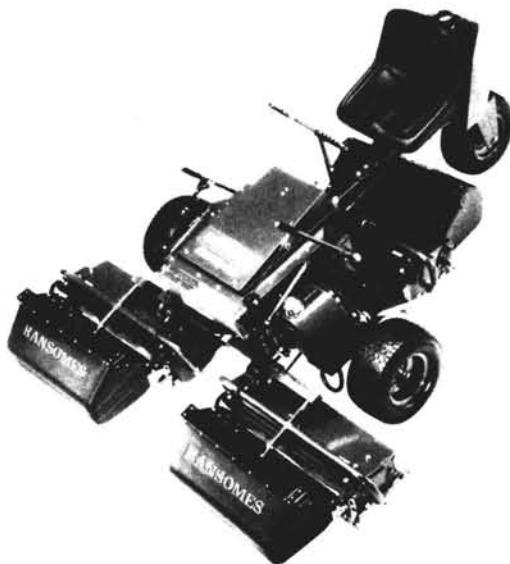
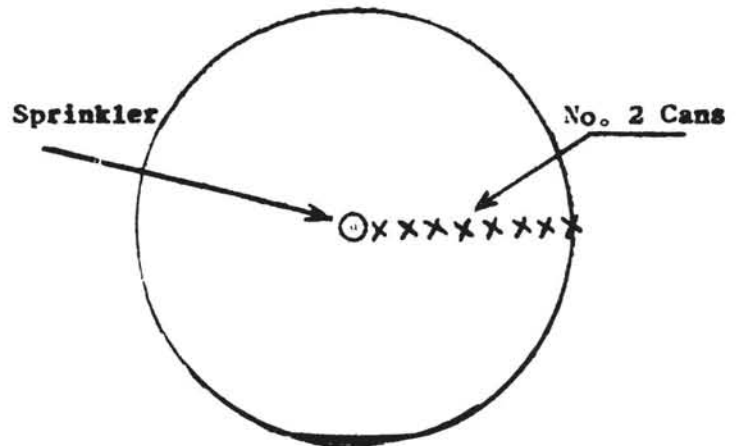
### METHOD TO EMPLOY

- 1 — Place the sprinkler in its desired position.
- 2 — Use as many of the No. 2 cans as are required to extend from the sprinkler in a straight line to the outer edge of the sprinkler coverage and at 2 to 5 feet intervals apart.
- 3 — Set the sprinkler in operation and run it for exactly 44 minutes.
- 4 — Shut off the sprinkler and pour the contents of any No. 2 can into the cc tube, a reading in centimeters will be obtained but each cubic centimeter will equal exactly 0.01 inches, or (1/100th inch) of sprinkler precipitation per hour.

### EXAMPLE

If a reading of 37 cubic centimeters is obtained from a can after the sprinkler has been running exactly 44 minutes the sprinkler will, on the area where the can was located, precipitate 0.37 inches per hour.

By plotting the precipitation from each can on graph paper a true sprinkler precipitation curve may be obtained. The above test should be conducted where there is no water distortion by wind velocity.



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