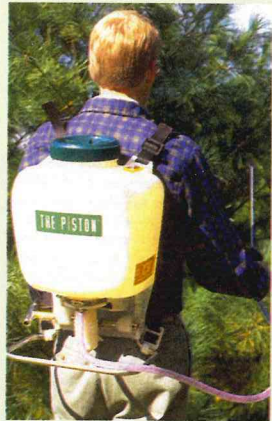


HOW TO CALIBRATE A BACKPACK OR HAND SPRAYER



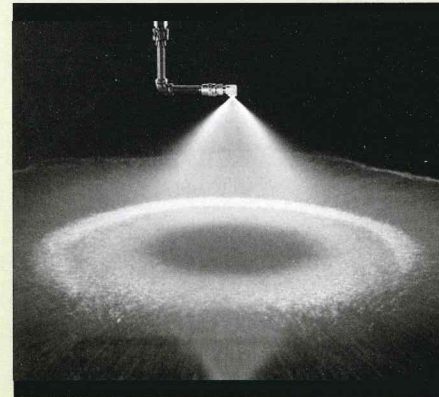
Unprotected while spraying.



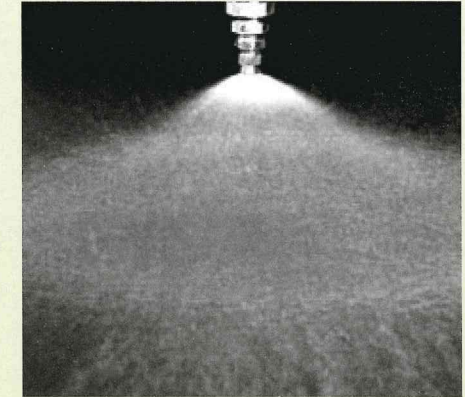
Protected while spraying.

- (1) In your greenhouse, preferably on the floor or on a bench, mark out an area 10 ft. x 4 ft.
- (2) Fill the sprayer with water. Indicate the level of water by drawing a line on the outside of the tank.
- (3) Spray the marked off area as you normally would in your greenhouse. Be sure to maintain a constant pressure and a steady speed that theoretically ensures good coverage of the area (and your plants).
- (4) Refill the sprayer with water, measuring the amount it takes to reach the original level as indicated by the mark you made on the tank.
- (5) The amount of water you used to refill the tank will be the amount of water it took to spray $10 \times 4 = 40$ square feet of area (plants).
- (6) Determine the total square footage of bench space in your greenhouse and divide that number by 40 then multiply $40 \times$ the amount of spray you used to refill your sprayer tank. This will tell you how much spray you will need to prepare.

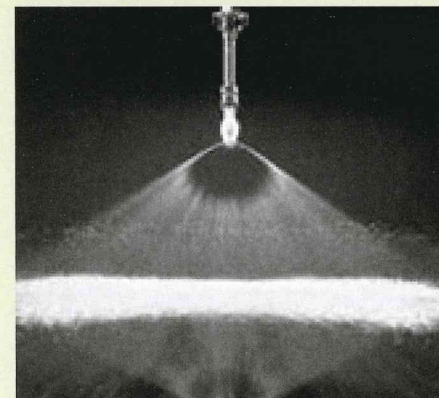
SPRAY PATTERNS FROM COMMONLY USED NOZZLES



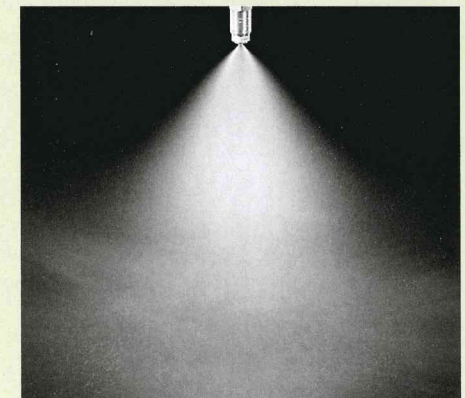
Hollow Cone



Dense Cone



Flat Spray



Fine Spray