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Previous to filling the barrel with formaldehyde and water, a hose bib should be inserted so that the diluted solution can be readily drawn off through the hose attachment. If the formaldehyde comes in a small barrel, 12 to 15 gallons or so, a hose bib should also be inserted so that it can be drawn off readily in the gallon container. The barrel may be filled rapidly by attaching one of the lines of hose to the water supply, and to the 50 gallons of water in the barrel should be added 1 gallon of formaldehyde.

The area of the bed or bench should be divided into such sections that there are approximately fifty to one hundred square feet in a section, to which can be applied one barrel of the diluted formaldehyde, using the hose bid and hose attachment connected with the barrel as well as the coarse rose or sprinkler at the end of the hose. The sprinkler will enable one to put on the formaldehyde more evenly than otherwise.

Time consumed in applying 50 gallons of the formaldehyde solution varies from 20 to 30 minutes, depending upon the pressure and the size of hose. In some cases where it is desired to give the soil a thorough drenching, one gallon of the diluted material may be applied to each square foot. A 50-gallon barrel of formaldehyde solution would then be sufficient to cover 50 square feet. Soils in a bench of normal depth can usually be well drenched by applying $\frac{1}{2}$ gallon to a square foot, but in a ground bed 1 gallon per square foot may often be more desirable. A narrow 1" x 6" plank put across the soil bed will enable the operator to apply the formaldehyde without walking on the bed, and making the soil uneven for distribution of the liquid.

Following the application of the formaldehyde, the soil should be covered with burlap sacks, old carpeting, or heavy paper. This should be done immediately after a section of the bed or bench has been treated. The covering can be removed after a few days, and when the soil is dry enough to spade, it should be stirred up occasionally so as to assist in dissipating the formaldehyde through it. Ordinarily, the soil will be in such condition that the formaldehyde will have been entirely dissipated in 10 to 14 days, and the ground can then be finally prepared for seeding or the transplanting of plants.

Cost

Formaldehyde, \$1.00 to \$1.50 per gallon, depending upon amount purchased. Amount needed, for example, for bed 15 feet wide and 30 feet long would be approximately five gallons, presuming that $\frac{1}{2}$ gallon of the diluted mixture is used to each square foot. This amount would be doubled if a gallon were applied per square foot.

Labor cost treating a bed of 450 square feet is approximately \$1.20 to \$1.50, based on four hours' labor at wage rate of 30 to 35¢ per hour.

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