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EC60-1733 Forestry,,Chemical Weed Control in Windbreaks

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Forestry....



by
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Extension Forester

Chemical Weed Control in Windbreaks

WHY CONTROL WEEDS

Control of weeds is necessary for survival and growth of tree plantings. It is especially desirable to control weed growth next to and in the tree row. Often this is not done if it requires a hoe or special cultivation equipment. Soil sterilant herbicides which control weeds for a growing season with one application, without injuring the trees, may eliminate hand work or special equipment.

WHAT FORM TO USE

Herbicides may be applied as a spray or in the form of granules. When applied as a spray, weed control is generally obtained sooner, particularly if the weather is dry during and after application. The advantage of using granules is that they can be broadcast by hand on small plantings, eliminating the need for special spray equipment. This should be done carefully, since uniform distribution is very important for obtaining good weed control without injury to trees.

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terminated previously that you are going to treat 1/4 acre of trees. Your total water requirement will be 37 1/2 to 40 gallons (let's say 40 gallons). Mix with this 40 gallons of water your chemical requirements as determined previously (1 pound of active ingredient or 1 1/4 pound of 80% wettable powder). This is your spray mixture for weed control. Apply it to your windbreak in the same manner in which you calibrated your sprayer. Maintain a constant sprayer pressure while spraying by pumping up the sprayer every so often--let's say every 100 feet.

If you plan to use a field sprayer, consult E.C. 174, "Spray Equipment for Weed Control."

When cultivating between the rows avoid throwing soil onto the treated area in the row. This will greatly reduce the effectiveness of the herbicide.

REMEMBER -- These chemicals can kill trees if improperly used. With proper use they have been more effective in promoting survival and growth than haphazard cultivation.

IMPROPER USE
CAUSES.....

