

TREE PLANTERS' NOTES

Chemical Weed Killing

This issue of Tree Planters' Notes presents articles from eight nurseries on chemical weed killing. You will find them worthy of study and thought. Their titles and authors are:

Weeding With Oil	F. M. Cossitt
The Use of Oil Spray for the Control of Weeds in Coniferous Nurseries in New York	E. J. Eliason
Oil Spray Weeding as Applied to Forest Nurseries in Pennsylvania	Ray (-). Brooks
Varsol Tried on Black Locust Seedbeds	J. . Robinson
Study of Methyl-bromide as Weed Control in Parsons Nursery	D. A. Oliver
Control of Weeds With Dowfume EC-2 in Woody Stock Production at the Albuquerque SCS Nursery	G. C. Niner
Sodium TCA for Control of Grasses	James B. Augenstein
Use of Dowfume MC-2 as Insect and Weed Killing Agent in a Forest Tree Nursery in Maine	Roger F. Taylor

Chemical weeding is no longer a questionable practice. Now that cheap, safe and effective techniques have been devised, it is standard procedure in many nurseries. Some people claim that chemical weeding is one of the most important advances that have been made in the tree-planting program for many years. The vast nurseries that now exist in some states and which produce such scores of millions of trees so cheaply would be impossible if they had to be hand-weeded -- the neighborhoods would not be able to supply sufficient labor to keep up with the problem, and the cost of the young trees would be so great that many people would not plant their idle land. But the millennium has not been reached and even though satisfactory techniques have been worked out in places there is still much to learn. Many nurserymen are constantly trying out new materials and would like to know what is available for trial. Additional articles on this and related subjects are invited for publication in a future issue of Tree Planters' Notes.

Persons interested in nursery and other agricultural chemicals will find a lot of help in three lists that have been published recently. These are:

1. Better Farming Methods -- Vol. 23, No. 1, January, 1951.
(Watt Publishing Co., Sandstone Bldg., Mount Morris, Ill.)

This issue of this magazine is devoted to agricultural chemicals. It has articles on defoliant, brush (mesquite) killers, fertilizers, safety precautions in handling chemicals; and directories for suppliers of agricultural chemicals and equipment for spraying, dusting, seed treating, etc. Single copy price is 200.

2. Entoma - 8th edition, 1949-50.
(Eastern Branch, American Association of Economic Entomologists. George S. Langford, Chairman of Editorial Committee - Dept. of Entomology, University of Maryland, College Park, Maryland-)

This is a paper-backed book of over 400 pages. It gives recent information and instructions on the use of fungicides, insecticides, weedicides, and others. It lists (and names companies selling) these chemicals and others used as spreaders, solvents, blending agents, diluents, emulsifiers, etc. It lists suppliers of tools and machinery such as dusters and sprayers, soil fumigators, gas masks, weed burners, seed-treating machinery and allied products. Single copy price is 41.50.

A new Government publication written by Paul C. Rudolph about the chemical killing of woody plants is now available. It discusses various kinds of chemical herbicides with the reasons, methods, rates and equipment used for their application. It tabulates the Lake States' woody plants that can be killed by chemical herbicides and specifies the product, rate and method of application, and suggested season to be used on each. It will be of value to nurserymen who must control woody growth away from seedbeds, as around borders and buildings, and to men in charge of site preparation and established plantations needing release. The title and author is:

Miscellaneous Report #15
Chemical Control of Brush and Tree Growth for the Lake States
Paul C. Rudolph

Address requests for it to the Director, Lake States Forest Experiment Station, University Farm, St. Paul 1, Minnesota. There is no charge for this publication.