

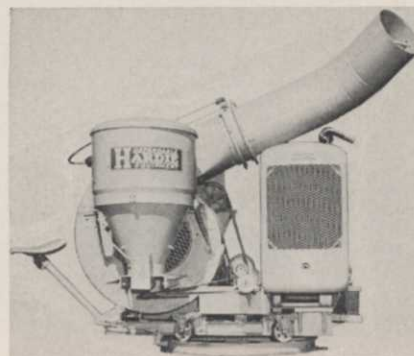
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Book Review

Weed Control As A Science

by Dr. Glenn C. Klingman, John Wiley and Sons, Inc., New York, 1961. 421 pp. \$8.50.

Used either as a textbook, reference, or manual, *Weed Control As A Science* by Dr. Glenn C. Klingman, should be a part of the library of every person engaged in weed control.

Dr. Glenn C. Klingman, professor of field crops at North Carolina State College, assisted by Lyman J. Noordhoff of the United States Department of Agriculture, has produced a very complete and scientific work on weed control.

Dealing first with basic botany and chemistry, the book is adequately illustrated with some 200 drawings and photographs for easy understanding. Types of weeds, principles of seed dispersal and dormancy, as well as fundamentals of herbicide action on plant tissues, are discussed.

The author outlines not only the standard controls which have

been used for years, emphasizing chemical methods, but also explains new developments in chemical control and specific new herbicides. Descriptions of the chemicals, their structure, and composition, aid in understanding these important facets of weed control.

Several of its 24 chapters are divided into applied phases of control: agricultural, industrial, aquatic, and horticultural. There is even a section on the mechanics of spraying apparatus. Others deal with types of soil, drift, sterilants, lawns, turf, and ornamentals.

Included also is a helpful appendix on weeds and susceptibilities of these plants to certain herbicides. Conversion factors for correctly formulating chemicals in any quantity are particularly useful. Charts of application rates, spray patterns, and speeds of spraying vehicles add to the book's practical value.

This book is excellent for the modern contract applicator.

Literature you'll want . . .

Here are the latest government, university and industrial publications of interest to contract applicators. Some can be obtained free of charge, while others are nominally priced. When ordering, include title and catalog number, if any. Sources follow booklet titles.

2,4-D for Post-Emergence Weed Control in the Everglades. Bulletin 532. University of Florida Experiment Station, Gainesville.

Bindweed: How to Control It. Bulletin 366. 40 p. il. Kansas Agricultural Experiment Station, Manhattan.

Chinch Bug Control and Subsequent Renovation of St. Augustine Grass Lawns. Bulletin. University of Florida Experiment Station, Gainesville.

Weed Control in Lawns. Folder F-261. Agricultural Experiment Station, Michigan State University Bulletin Office, P.O. Box 231, East Lansing.

Insects and Other Pests of Lawns and Turf. Bulletin S-96. University of Florida Experiment Station, Gainesville.

Recommendations for Commercial Lawn Spraymen. Bulletin S-121A. University of Florida Experiment Station, Gainesville.

Weed Control Practices for Home Lawns. Bulletin 61-7. 8 p. 1961. College of Agriculture Extension Service, University of Connecticut, Storrs.

A Comparison of Lawn Grasses. Bulletin 210. University of Florida Experiment Station, Gainesville.

Chinch Bugs. Leaflet 290. 2 p. Bulletin Clerk, New Jersey Agricultural Experiment Station, New Brunswick.

Home Gardeners' Lawn Insect Control Guide. Bulletin 213. University of Florida Experiment Station, Gainesville.

St. Augustine Lawn Grasses. Bulletin 217. University of Florida Experiment Station, Gainesville.

Quackgrass Control. Bulletin NCR-71. 1961. Agricultural Experiment Station, Michigan State University Bulletin Office, P.O. Box 231, East Lansing.

Turfgrass Disease Control Guide. Bulletin 221. University of Florida Experiment Station, Gainesville.

Prevention and Control of Crabgrass in Lawns. Bulletin 642. 8 p. 1961. Connecticut Agricultural Experiment Station, New Haven.

Controlling Insects on Flowers. Agricultural Information Bulletin 237. Superintendent of Documents, Government Printing Office, Washington 25, D.C. 40¢.

Slick Spreader-Sticker. Technical Bulletin 101. 3 p. il. Star-Bar Div., Agricultural Specialties, 12200 Denton Dr., Dallas 34, Texas.

Principles of Selective Weed Control. Circular 505. California Agricultural Experiment Station, Public Service Office, 131 University Hall, 2200 University Ave., Berkeley 4.