

Book Review

Weed Identification and Control

by Duane Isely, Iowa State University Press, Ames, Iowa. 1960. 400 pp. \$4.95.

Liberally illustrated and efficiently arranged, this textbook on weeds will be valuable to seasoned applicators and novices alike.

Author Duane Isely, professor of botany and plant pathology at Iowa State University, has included 160 full-page illustrations by artist Frances Fenske. These drawings are sure to help the applicator with species identification. Dr. Isely's book is one of the rare texts which combines weed identification and control in one volume.

Among major areas covered in the book are: importance, behavior, distribution, and identity of common weeds; methods for determining unknown weeds and similar plants; basic principles of weed control; and recent advances

made in herbicidal weed control.

While *Weed Identification and Control* covers the subject from *Abutilon theophrasti* to Zygophyllaceae, and 2,4-D to Dalapon for the professional worker with experience, a special section for the neophyte and serviceman provides simple, nontechnical identification of several hundred common and important weeds. This gives the book value as either laboratory manual or field guide.

There may be some drawback for commercial applicators because the section on soil sterilization is not lengthy. This flaw is overcome, though, by the book's thoroughness in dealing with classification, and by the excellent identification keys. An extensive bibliography is also included.

CAs will find this handsomely bound, moderately priced text a welcome addition to their office library.

Complete One-Source Coverage

DISEASES OF TURFGRASSES

By HOUSTON B. COUCH,
Assoc. Prof. of Plant Pathology
The Pennsylvania State University.

How to Identify How to Control

Thoroughly illustrated with line drawings, photographs, and full-color plates.
May 1962. 6 x 9. 304 pages. \$10.00

HERE is a detailed, comprehensive treatment of the diseases of turfgrasses, including illustrated information essential for the identification and control of both fungus and nematode-incited diseases. This is the most complete, up-to-date work available on the subject of controlling turfgrass disease.



Diseases of Turfgrasses is organized so that you can conveniently find the answers to your questions about the identification and control of the diseases that affect fine turf. The author has arranged the sections devoted to specific diseases in the following manner: (1) Symptoms, (2) Pathogen, (3) Hosts, (4) Disease Cycle, and (5) Control. The control sections for the disease groups are further divided into three parts: Cultural Practices — Resistant Varieties — Chemical Control.

This complete one-source reference book is specifically suited to the needs of pathologists, agronomists, turfgrass management specialists, golf course superintendents, park maintenance supervisors, and field representatives serving this rapidly expanding industry.

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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.

Suggested Guide for Chemical Control of Weeds. Agricultural Research Service Report No. 22-67. 60 p. 1961. U. S. Department of Agriculture, Beltsville, Md.

A Survey of Extent and Cost of Weed Control and Specific Weed Problems. 68 p. 1962. Agricultural Research Service and Federal Extension Service Joint Report No. ARS 34-23. U. S. Department of Agriculture, Beltsville, Md.

Preventive Weed Control for Industry. Geigy Agricultural Chemicals Bulletin GAC 630. 12 p. il. Geigy Agricultural Chemicals, P.O. Box 430, Yonkers, N.Y.

Controlling Lawn Weeds with Herbicides. Home and Garden Bulletin No. 79. 16 p. il. U. S. Department of Agriculture, Washington 25, D. C.

The Biology and Control of Turf Grubs. Research Bulletin No. 829. 32 p. il. 1959. Ohio Agricultural Experiment Station, Wooster.

Lawn Insects: How to Control Them. Home and Garden Bulletin No. 53. 24 p. il. Superintendent of Documents,

U. S. Government Printing Office,
Washington 25, D. C. 15¢.

Recommended Uses for Sevin Insecticide. Bulletin F-40851. 4 p. 1962. Union Carbide Chemicals Co., 270 Park Ave., New York 17, N. Y.

Establishing and Maintaining Utility and Pipe Line Rights-of-ways. Technical Bulletin TC-19. 4 p. Agricultural Chemicals Div., Diamond Alkali Co., 400 Union Commerce Bldg., Cleveland 14, Ohio.

Keep the Way Clear with a Planned Vegetation Control Program. Bulletin 137-145-57. 12 p. plus charts. Agricultural Chemicals Dept., Dow Chemical Co., Abbott Rd. Bldg., Midland, Mich.

Economical and Efficient Industrial Weed and Brush Control. Bulletin A-22937. 16 p. il. E. I. duPont de Nemours & Co., Inc., Agricultural Chemicals Div., Wilmington, Del.

Economical, Long-term Brush Control for Rights-of-Way. Bulletin A-23320. 16 p. il. E. I. duPont de Nemours & Co., Inc., Agricultural Chemicals Div., Wilmington, Del.

Chemical Mowing with MH-30. Booklet No. 11. 28 p. il. Naugatuck Chemical Div., U. S. Rubber Co., Naugatuck, Conn.

Chemical Control of Weeds and Brush Along Roadsides. Bulletin 624. 32 p. il. 1959. Connecticut Agricultural Experiment Station, New Haven.

Urox Weed Killer. Bulletin F-UX CI-261. 12 p. il. Allied Chemical Corp., General Chemical Div., 40 Rector St., New York 6, N. Y.