Book Review

Weed Control As A Science

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. Changes in 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.


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.


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


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