

## 32. For Further Reading

The serious student in any line of work needs to refer to written material from a variety of sources. If he is working actively in the field, he must attempt to "keep up with the literature." Most information relating to weeds, whether in the form of books, bulletins, or in journals, may be consulted in agricultural college libraries.

Some students are desirous of assembling a personal reference collection. Books must ordinarily be purchased; they may be ordered through a bookstore or directly from the publisher concerned. Most bulletins or circulars are published by the various agricultural colleges or the U.S. Department of Agriculture. Lists of publications and specific bulletins may be obtained by writing to the publication distribution office of the agricultural institution concerned. The U.S. Department of Agriculture list of publications is available from: Office of Information, U.S. Department of Agriculture, Washington 25, D.C. There is a nominal charge for many of such publications and lists.

One may obtain periodicals or journals by subscription or by joining the scientific society which publishes the periodical. The agricultural college magazine type periodicals (e.g. *Iowa Farm Science*) are usually distributed free within their respective state. Authors (or their institutions) often obtain reprints of their articles and will furnish them free of charge upon request.

### SOME JOURNALS

"Weeds." Published by Weed Society of America. Technical papers.

"Agronomy Journal." Published by American Society of Agronomy.

Technical papers.

"Crops and Soils." Published by American Society of Agronomy. Popular reports and abstracts or news notes of recent findings.

"Plant Physiology." Published by the American Society of Plant Physiologists. Technical papers.

Of the above, the journal "Weeds" is devoted exclusively to this topic. The others include reports of weed control investigations along with other agricultural and basic plant science subjects.

Many other technical journals likewise contain research papers

dealing with various phases of weed control. Numerous semi-popular farming magazines (e.g. Soybean Digest, Better Farming Methods) and the agricultural college periodicals include articles summarizing recent developments.

#### SOME BULLETINS AND BOOKS RELATING PRIMARILY TO WEED CONTROL

Because of rapid changes in the weed control field, there has been a shift away from formal bulletins or circulars as a source of information release. These have been replaced by articles in agricultural college periodicals or mimeographed summaries. In this form, recommendations can be more easily revised and brought up-to-date as required. Such material is usually available from publication distribution offices of agricultural colleges.

Attractively-prepared informational releases concerning herbicides and their employment are usually available from the major chemical manufacturing companies.

The following includes only formal books, certain bulletins and circulars.

- Ahlgren, G. H., G. C. Klingman, and D. E. Wolf. Principles of weed control. 368 pages. John Wiley and Sons, New York. 1951.
- Andrews, O. N. Chemical weed control, Alabama Agr. Ext. Serv. Circ. 507. 1957.
- Baker, L. O., *et al.* Weed control in Montana. Mont. Agr. Exp. Sta. Circ. 210. 1956.
- Behrens, R., *et al.* Cultural and chemical weed control in Minnesota. Minn. Extension Folder 191. 1959.
- Derscheid, L. A. and K. E. Wallace. Weed control research in South Dakota. S. Dak. Agr. Exp. Sta. Circ. 122. 1956.
- Dunham, R. S., *et al.* Quackgrass control. Minn. Agr. Exp. Sta. Bull. 434. (North Central Reg. Publ. 71.) 1956.
- Hauser, E. W. and H. Fred Arle. Johnson grass as a weed. U.S. Dept. Agr. Farmers Bull. 1537. 1958.
- Huffaker, C. B. Fundamentals of biological control of weeds. Hilgardia 27:101-157. 1957.
- Klingman, D. L. and M. K. McCarty. Interrelations of methods of weed control and pasture management at Lincoln, Nebraska, 1949-55. Nebr. Agr. Exp. Sta. Tech. Bull. 1180. 1958.
- North Central Weed Control Conference. Research summaries. Reprint from Proc. North Central Weed Control Conference. 15:49-81. 1958. Contains concise technical summaries prepared by various specialists. These include recommendations for control of various noxious weeds, weed control problems in specific field and horticultural crop kinds, and miscellaneous topics. A brief supplement to the above, including new research findings, was published in 1959.

- Phillips, W. M. Weed control in sorghum. Kans. Agr. Exp. Sta. Circ. 360. 1958.
- Robbins, W. W., A. S. Crafts, and R. N. Raynor. Weed control. 2nd ed. 503 pp. McGraw-Hill Co., New York. 1952.
- Spurrier, E. C., *et al.* Chemical control of weeds and brush. Ill. Agr. Ext. Serv. Circ. 771. 1957.
- Trevett, M. F. and H. J. Murphy. Chemical weed killers — 1958. Maine Ext. Serv. and Agr. Exp. Sta. Misc. Publ. 632. 1958.

PUBLICATIONS RELATING PRIMARILY TO  
WEED IDENTIFICATION

- Crooks, D. M. and L. W. Kephart. Poison ivy, poison oak, and poison sumac: Identification, Precautions, Eradication. U.S. Dept. Agric. Farmers' Bull. 1972. 1958.
- Drew, W. B. and C. A. Helm. Representative Missouri weeds and their control. Mo. Agr. Exp. Sta. Bull. 443. 1941.
- Fernald, M. L. Gray's manual of botany. American Book Co., Boston. 1632 pp. 1950. (This and the book by Gleason are botanical manuals treating all plants of the northeastern, and, in large part, the North Central states. The use of books such as these is necessary if less common species not treated in weed books and bulletins are to be determined. The efficient use of botanical manuals requires a good knowledge of descriptive botany and terminology pertaining thereto.)
- Fogg, J. M. Weeds of lawn and garden. 215 pp. University of Pennsylvania Press, Philadelphia. 1945. (Illustrations and popular discussion.)
- Gilkey, H. M. Weeds of the Pacific Northwest. Oregon State College. 441 pp. 1957. Illustrations and descriptions.
- Gleason, H. A. Illustrated Flora. 3 vols. New York Botanical Garden, N. Y. 1952.
- Hitchcock, A. S. and Agnes Chase. Manual of the grasses of the United States. U.S.D.A. Misc. Publ. 200. Rev. 1950.
- Kummer, Anna P. Weed seedlings. 435 pp. University of Chicago Press, Chicago. 1951. (Illustrations and descriptions of seedlings.)
- Leasure, J. K. Some common weeds and their control. Tenn. Agr. Exp. Sta. Bull. 213. 1950.
- Muenschner, W. C. Weeds. The Macmillan Co., New York. Rev. ed. 1955. (The standard text on weed identification for the United States. More than 500 kinds treated, the majority illustrated. Only slightly revised from older 1936 edition.)
- North Central States Regional Committee. Weeds of the North Central States. Ill. Agr. Exp. Sta. Circ. 718. (North Central Reg. Publ. 18.) 1954. (Available from mailing offices of any of the stations

in this region. Price 75¢. The most valuable identification bulletin for the North Central states.)

- Robbins, W. W., M. K. Bellue, and W. S. Ball. Weeds of California. Calif. Dept. of Agr. Rev. ed. 1951. (An excellent treatment of West Coast weeds containing descriptions and both black-and-white and colored illustrations.) Available from Supervisor of Documents, 214 State Capitol, Sacramento, California.
- Schrader, L. L., R. C. Kinch and E. Sanderson. South Dakota weeds. State Weed Board Publ. 5. 1950.
- State of Nebraska. Nebraska weeds. Nebraska State Bull. No. 101. Rev. 1952. (Obtain from Nebraska Division of Noxious Weeds, State House, Lincoln, Nebraska.)

#### WEED AND AGRICULTURAL SEED LAWS

Copies of state laws can usually be obtained by writing to the Department of Agriculture (or its equivalent) in the state concerned.