

---

#### **Mineral Nutrition of Plants and Animals**

Frank A. Gilbert, University of Oklahoma Press, Norman. 1948. 131 pages; illustrated.

This small book sponsored by the American Petroleum Institute, and written by one of the botanists of the Battelle Memorial Institute of Columbus, possesses the virtues of brevity and forthrightness. It contains recent references to work in scattered experiments conducted in agricultural institutions over the country. It is of that handy size to be a ready reference book on the desk of a teacher or student, and also presents a bibliography of 329 entries. A suggested improvement is the addition of a discussion of the synthesis of amino acids in plants and the foundation of proteins in both plants and animals. This could be accomplished without much more than a few pages of text if presented in the style of the present text. Additional information on the trace elements would also add greatly to its value.—*A. E. Waller.*