of everyone to promote the much-needed activities in these fields. The book is well illustrated with 61 pictures of typical landscapes and examples. A very extensive bibliography is provided.

Accuracy of certain details may be open to question. For example, on page 134 it is stated that, "unfermented manure calls forth sour soil reactions..." This is hardly in accord with the facts. Also, ease of interpretation or comparison is not facilitated by use of two units of water measure in the same sentence as is the case in the following from page 119: "To produce one pound of wheat about 400 quarts of water, and for one pound of corn as much as 750 pounds, are taken up and consumed or evaporated."—E. Truog.

**THE CHEMICAL FORMULARY**

By H. Bennett, Editor-in-chief and a Board of Editors (63 specialists in various fields). Brooklyn: Chemical Publishing Co., Inc. XXVI + 448 pages. 1948. $7.

This volume, the eighth of the series, broadens and brings up to date the contents of the previous volumes. Many German formulae recently released have been included. In essence, as stated by the editor-in-chief, the book consists of "A collection of valuable, timely, practical, commercial formulae and recipes for making thousands of products in many fields of industry."

The chapter titles which follow give a good idea of the contents: Introduction; Adhesives; Cosmetics; Drug Products; Emulsions and Dispersions; Farm and Garden Preparations; Food Products; Ink and Allied Products; Insecticides, Fungicides, and Weed Killers; Leather Treating Preparations; Lubricants and Oils; Construction Materials; Metals and Their Treatment; Paint, Varnish, Lacquer, and Other Coatings; Paper; Photography; Plastics, Rubber, Resins, and Waxes; Polishes; Pyrotechnics and Explosives; Soaps and Cleaners; Textiles; Miscellaneous.

The introductory chapter explains in detail the art of chemical compounding and interpretation of weights and measures used. A directory of sources of chemicals and supplies needed is included and should prove very helpful.

The compounding of many materials used on the farm and in the garden, orchard, and laboratory is included. This treatise should be of considerable use to the agronomist.—E. Truog.