
Methods of Plant Breeding

Although designed for use in advanced undergraduate and graduate classes in plant breeding this book is somewhat more than a classroom textbook. It is in addition a reference work on the methodology and genetics applicable to programs of crop-plant improvement.

The genetic basis and the methods and technics of improvement by hybridization and selection are thoroughly treated for all our crop plants. The chapters dealing with approved methods of field-testing new varieties or strains for yield are excellent.

Throughout, the discussion centers around illustrative examples from the literature and from the extensive research carried on by the authors and their students.

The text proper is supplemented by a list of over four hundred references, statistical tables useful in analysis, and a glossary consisting mostly of general botany and elementary genetic terminology.

The book is sturdily bound and the type is easily read. In this reviewer's opinion, a few more illustrations would be a decided improvement.—*R. T. Wareham.*

Plant Breeding, by Herbert Kendall Hayes and Forrest Rhinehart Immer. 432 pp. New York, The McGraw-Hill Co., 1942. \$4.00.