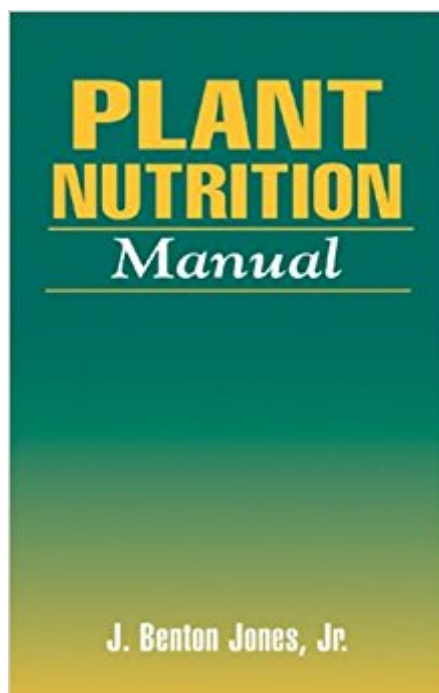


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# Plant Nutrition Manual



## Synopsis

Like all living things, plants require nutrient elements to grow. The Plant Nutrition Manual describes the principles that determine how plants grow and discusses all the essential elements necessary for successful crop production. The nutritional needs of plants that add color and variety to our visual senses are addressed as well. Altogether, nutritional requirements are given for 143 plants grouped in seven categories from food crop plants to ornamentals. The text begins with an introduction to the basic principles of plant nutrition. Chapters 2 and 3 describe the roles of the major elements and micronutrients. The last two chapters describe techniques for determining the nutrient element status of growing plants through plant analysis and tissue tests. The Plant Nutrition Manual is loaded with information on what plants need for normal vigorous growth and development-free of nutritional stress.

## Book Information

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## Customer Reviews

This book has the admirable quality of being both organized to facilitate rapid look-up of information and being written in a readable style.-The Growing EDGE

Dr. J. Benton Jones has written extensively on the topics of soil fertility and plant nutrition over his professional career. After obtaining a B.S. degree in Agricultural Science from the University of Illinois, he served on active duty in the U.S. Navy for two years. After discharge from active duty, he entered graduate school, obtaining M.S. and Ph.D. degrees from the Pennsylvania State University

in agronomy. For 10 years, Dr. Jones held the position as research professor at the Ohio Agricultural Research and Development Center (OARDC) in Wooster. During this time, his research activities focused on the relationship between soil fertility and plant nutrition. In 1967, he established the Ohio Plant Analysis Laboratory. Joining the University of Georgia faculty in 1968, Dr. Jones designed and had built the Soil and Plant Analysis Service Laboratory building for the Georgia Cooperative Extension Service, serving as its Director for 4 years. During the period from 1972 and his retirement in 1989, Dr. Jones held various research and administrative positions at the University of Georgia. Following retirement, he and a colleague established Micro-Macro Laboratory in Athens, Georgia, a laboratory providing analytical services for the assay of soils and plant tissues as well as water, fertilizers, and other similar agricultural substances. Dr. Jones was the first President of the Soil and Plant Analysis Council and then served as its Secretary-Treasurer for a number of years. He established two international scientific journals, *Communications in Soil Science and Plant Analysis* and the *Journal of Plant Nutrition*, serving as their Executive Editors during the early years of publication. Dr. Jones is considered an authority on applied plant physiology and the use of analytical methods for assessing the nutrient element status of rooting media and plants as a means for ensuring plant nutrient element sufficiency in both soil and soilless crop production settings. --This text refers to an alternate Paperback edition.

Nice book related with fertilization processes. It uses a simple language to explain complex terminology. Despite it gives basic information, it can be helpful for different audience, from gardeners to growers and horticultural science students.

well written and good diagrams. Recommended for anyone working with plants. A must read for plant lovers. Much better than the dry college books of old.

Required text for my plant nutrition course. It is a useful reference manual for practical applications of plant nutrition management and diagnosis.

The book is complete for everybody student teacher farmer easy to understand and to actual,if you like agronomics science this is the book

I have the previous version of this book from a class I took a couple years ago. This version has additional soils information which is beneficial.

This is a nice compact book that can be used to teach plant nutrition. The directions on making DIY kits for tissue analysis are interesting. I wish the author had included a guiding range of values corresponding to the five elemental requirement categories in Appendix D.

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