



Zinc deficient rice, with symptoms on younger tissue.

the portion of the plant where specific symptoms are likely to first occur.

Visual deficiency symptoms are usually indicative of severe conditions and less acute shortages may not be so readily identified. The effects of other stresses such as drought

and pests can complicate diagnoses. It is worth noting too that some crops are more susceptible to specific deficiencies than others, and toxicities of some nutrients can occur as well. Therefore, it behooves those involved in crop production – from the field consultant to the university professor – to have access to an accurate and dependable reference on nutrient deficiency and toxicity symptoms. One such resource is published by the American Phytopathological Society. The book, entitled *Nutrient Deficiencies & Toxicities In Crop Plants*, is one of the timeless, dependable standards on the subject, and is recommended for the library of any agriculturist. Details on availability and purchase are shown below.

The International Plant Nutrition Institute (IPNI) also has a database of nutrient deficiency images that is under continual development. Visit the website at: <http://media.ipni.net>

The topic of nutrient deficiencies, toxicities, and balance is particularly appropriate in today's environment. As population increases and the world rumbles with the food crises, the role of agricultural producers and their advisers grow ever more important. Sound crop nutrition, and the skills and information

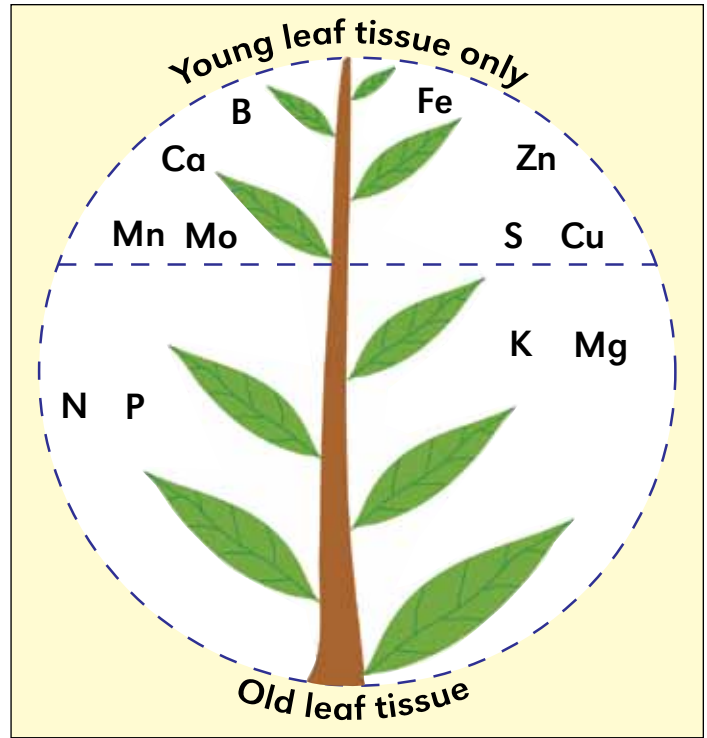



Figure 1. This generalized diagram indicates the portion of the plant where various nutrient deficiency symptoms are typically first observed. The more mobile a nutrient is within the plant, the more likely symptoms will appear on older leaves first.

necessary to implement it, is central to meeting the growing demands for agricultural goods. 

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Nutrient Deficiencies and Toxicities in Crop Plants **Book Now Available at Reduced Price**

A co-author of the accompanying article, Dr. William F. Bennett, Ph.D., is also the creator and editor of the publication titled *Nutrient Deficiencies & Toxicities In Crop Plants*. This book is one of the best-selling reference titles ever published by The American Phytopathological Society (APS).

For a limited time, readers of *Better Crops with Plant Food* are entitled to a discount of USD 30.00 (thirty dollars) off the normal price of the book, which covers more than 20 fruit and field crops with expert discussion and advice, and also includes over 300 diagnostic photos of nutrient problems.

Reduced price of USD 39.00 (thirty-nine dollars) is available until June 29, 2011. For the discounted price, visit the website: <http://www.apsnet/apsstore/shopapspress/Pages/41515.aspx>. Or call APS at 1.800.328.7560.

