



Plant Nutrient Acquisition: New Perspectives

By -

Springer. Paperback. Book Condition: New. Paperback. 520 pages. Dimensions: 9.1in. x 6.1in. x 1.2in. New research reveals that plants actively acquire nutrients; the acquisition process is not a passive one in which plants simply wait for dissolved nutrients to come closer to their roots. In fact plants play a far more active role than once was understood to be possible in nutrient acquisition and in adaptation to problem soils. This book presents an excellent overview and summary of new concepts of plant nutrient acquisition mechanisms, and sets forth their practical implications in crop production. The scope is wide ranging, from biochemical, molecular, and genetic analysis of nutrient acquisition to global nutritional problems. Especially noteworthy are the sections on the cell apoplast, phosphorus-solubilizing organisms, and direct uptake of macro-organic molecules. With contributions by leading scientists worldwide, the book provides an invaluable resource for researchers in plant and environmental sciences and in agronomy and other branches of agriculture. This item ships from multiple locations. Your book may arrive from Roseburg,OR, La Vergne,TN. Paperback.



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