



Fertilizer Sulfur and Food Production: Research and Policy Implications for Tropical Countries

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Springer. Paperback. Book Condition: New. Paperback. 270 pages. Dimensions: 9.2in. x 6.1in. x 0.6in. Fertilizer is a vital component of strategies for expanding food production. The rapid growth in population and the widening food deficits in many tropical countries of Asia, Africa, and Latin America call attention to those aspects of fertilization that have been neglected but are expected to yield large economic payoffs in the future. Fertilizer sulfur falls into this category. In the past fertilizer sulfur received little attention from researchers and policymakers since sulfur deficiency was not considered a serious problem. It was not a problem because of low crop yields, extensive cropping, and the incidental supply of sulfur through rain, irrigation water, manures, and sulfur-containing fertilizers. However, the situation has changed in the last three decades. Modern agriculture based on high crop yields, intensive cropping, improved crop varieties, and greater use of sulfur-free fertilizers and environmental regulations restricting sulfur emissions are creating large gaps between sulfur supply and sulfur requirements. Sulfur deficiencies are widespread and growing. Consequently, the full potential of a modern agricultural system in tropical countries is not being realized. This research effort results from the recognition of the seriousness of the sulfur problem...



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