Article title	Micronutrients' Roles in Improving Crop Yields and the Effectiveness of Nanoscale Formulations
Authors	Upendra Sighn
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Abstract	In this material, Dr. Upendra Singh, Deputy Director of Headquarters Research at the International Fertilizer Development Center (IFDC), explores the crucial role of micronutrients in enhancing crop yields and their effectiveness when delivered through nanoscale formulations. Micronutrients are shown to improve crop health and human nutrition by enhancing disease tolerance, increasing drought stress resistance, and boosting nitrogen uptake in plants. Moreover, these micronutrients can enhance the nutritional quality of edible crops, particularly addressing deficiencies in critical micronutrients like zinc. The specific formulations of micronutrients, especially nanoscale versions, demonstrate higher efficacy, which can reduce the overall input costs in agriculture while maintaining or increasing yields. The article also highlights potential research areas for further exploration in the field of micronutrient application to crop plants
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