Application of Micronutrient Elements to Crop May Avoid Failure and Cost is Low

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Important crops in certain areas may fail if supplies of certain elements are not provided in sufficient quantities. This loss amounts to not more than 30 to 50 pounds to the acre.

Some element deficiencies have established the essential nature of boron, molybdenum, and molybdenum and the toxicity of small amounts of sulphur. The deficiency of molybdenum in small amounts (0.2 to 1 ppm) is known to be essential for a number of plants and animals.

Molybdenum Deficiency in Plants

Molybdenum is essential for the activity of many enzymes involved in plant metabolism, particularly those involved in nitrogen fixation, amino acid synthesis, and protein synthesis.

Deficiency Defects in Plants

Deficiency symptoms in plants include stunted growth, yellowing, and poor fruit set. In severe cases, the plants may die. Molybdenum deficiencies are especially common in areas with low soil pH and high sulfate content.

Molybdenum Toxicity

Molybdenum toxicity can occur in plants and animals, particularly in areas with high molybdenum levels in the soil. Symptoms include increased leaf size, rapid growth, and reduced plant yield.

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Codling Moth Control by Use ofCO2

(Codling Moth, page 2)

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