







NUTRIENT DEFICIENCY

Nutrients	Deficiency Symptoms	Affected Area	Nutrition Required
Phosphorus	Greenish blue or Red and purple discoloration of tips.	Reduction in length of sugarcane stalk, poor tillering, restricted root development.	 <p>Apply Mosaic DAP 50Kg/acre.</p>
Potassium	Yellowing and marginal drying of older leaves, Development of slender stalks.	Slender stalks, stunted growth, and reduction in yield.	 <p>Apply Mosaic MOP 50kg/acre.</p>
Magnesium	Chlorotic appearance at the tip and margins of leaves, Red necrotic lesions resulting in "rusty" appearance.	Less number of tillers and growth.	 <p>Apply Mosaic K-Mag 50 kg/acre.</p>
Sulphur	Yellowish-green appearance in younger leaves, thin stalks.	The leaves stay narrow and short, can reduce the sucrose content.	 <p>Apply Mosaic K-Mag 50 kg/acre.</p>
Zinc	Interveneal chlorosis in younger leaves, red lesions on leaves may appear.	Reduced tillering and shorter internodes and thinner stalks.	 <p>Foliar application of Liquid Zinc @500 ml/acre and Soil application Zinc sulphate based on soil test before the last ploughing.</p>
Boron	Smaller and malformed leaves.	Reduction in new shoot and root growth.	 <p>Foliar application of Liquid Boron at 500 ml/acre.</p>