




Sulphur deficiency in Maize

	Prevention	Monitoring	Direct Control	Direct Control	Restrictions
 Sulphur deficient maize plant. Source: Dr Prakash Kumar	<ul style="list-style-type: none"> Take soils for testing to evaluate sulphur deficiency at KALRO Kabete, Soilcare or KEPHIS Apply organic manure during planting @ 2 handfuls of well decomposed FYM (farmyard manure)/ compost per planting hole 	<ul style="list-style-type: none"> Look for symptoms in younger leaves Look for interveinal chlorosis of young leaves Look out for small, spindly plants with short slender stocks Additional relevant crops: baby corn, tomato, cabbage, potatoes, onions, rice, wheat 	<ul style="list-style-type: none"> Apply the following sulphur-based fertilizers to soil if recommended by soil test report. Sulphur fertilizers: ammonium sulphate nitrate (30-0-0+ 15S), ammonium phosphate sulphate (0-0-50+ 18S), potassium magnesium sulphate (0-0-22+ 22) or ammonium sulphate (21-0-0+24s) Always apply organic manure in sandy soils Apply foliar feed Maxi Boost 	<ul style="list-style-type: none"> When handling fertilizer, always wear protective clothing. Wash protective clothing after fertilizer application Store protective clothing and fertilizer application apparatus separate from household appliances Do not store fertilizers directly on the ground Do not use hooks when transporting fertilizer 	
 Sulphur deficient pale yellow leaf. Source: Dr Prakash Kumar				<ul style="list-style-type: none"> Apply 50kg/acre ammonium sulphate nitrate (ASN) fertilizer at planting. 	<ul style="list-style-type: none"> Most readily-available sulphur for plants is from soil organic matter. Use of organic manure is highly recommended during planting.
 Sulphur deficient pale green leaf. Source: Dr Prakash Kumar				<ul style="list-style-type: none"> Place 2 handfuls of well decomposed FYM/compost in planting hole 	

Kenya

CREATED/UPDATED: 28th november 2016

AUTHOR(S): Fredrick Wandera (KALRO), Miriam Otipa (KALRO)

EDITED BY: Plantwise

