

TRASCO COPEDA

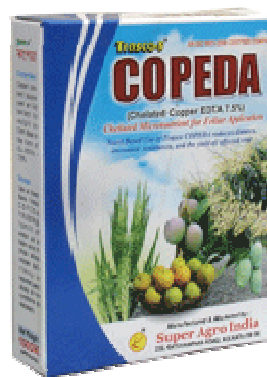
(Chelated Copper EDTA 7.5%)

What is Chelation:

Chelate is derived from the Greek Word CHELE meaning claw

The function of a chelate (organic complex) is to chemically combine the positive charged cation (zinc, manganese, iron, copper, magnesium, or calcium) with an organic, which is negative charged chelating agent.

The organic molecule surrounds the positive charged metal and protects the new chelated form of cation from chemical tie up in the soil or in the fertilizer spray tank



Copper as a Micronutrient For Agricultural Crops

Copper as a micronutrient is a Transition metal. Copper is Important in electron transport & reproductive growth. Aids in root metabolism and helps in the utilization of proteins.

Copper is essential for growth, and activates many enzymes. Copper deficiency interferes with protein synthesis.

Copper is necessary for carbohydrate and nitrogen metabolism, so inadequate amount of copper ,results in stunting of plants. Copper also is required for lignin synthesis which is needed for cell wall strength and prevention of wilting. Deficiency symptoms of copper are dieback of stems and twigs, yellowing of leaves, stunted growth and pale green leaves that wither easily.

Copper deficiencies are mainly reported on organic soils (peats and mucks), and on sandy soils which are low in organic matter. Copper uptake decreases as soil pH increases. Increased phosphorus and iron availability in soils decreases copper uptake by plants.

Balanced Feed: When manuring all cultivable Agricultural crops it is of utmost importance that there should not be any hidden hunger when the Basic Fertilizers are given. Some times the need for copper in certain crops arise like in citrus,Cereals paddy,vegetables,groundnut, here the application of Chelated copper ensures that the crop gets its full dose of the required micronutrient in chelated form,where no part of the nutrient is lost due to the chelation effect.

Composition:

Copper content (expressed as Cu) percent by weight on D.M. basis in the form of Cu.edta -7.5%.

Trasco Copeda : Is a Technically superior Research based product from Super Agro India , that provides all Agricultural Crops with Micronutrient Copper duly Chelated.

Target Crops:All cultivable Agricultural Crops, Where the specific need for Copper arises.

Dosage:Dissolve 100gms of TRASCO COPEDA in 100 liters water and spray over one Acre area of the standing crop.

Manufactured by :Super Agro India Pvt Ltd

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