

## **BIOCOPP<sup>™</sup>** **Liquid Copper**

### **Introducing BIOCOPP<sup>™</sup>**

BIOCOPP<sup>™</sup> is liquid copper that acts as a fungicide and nutrition source. The particle size of Copper is less than 1 micron. Copper is an important trace element and its deficiency is becoming more critical with each passing year which is severely restricting crop yield, produce quality, nutrient use efficiency and economic returns on millions of farms. Copper has a key role in improving crop yield and produce quality. BIOCOPP<sup>™</sup> does not contain any sediment and suspended visible particles.

### **Mode of Action**

Copper is a proven fungicide especially in vegetable and plantation crops.

Bioefficacy of Copper depends on particle size. As BIOCOPP<sup>™</sup> is 1 micron particle size the bioefficacy of copper as fungicide is more effective than other forms / formulations of copper .

Copper is a proven fungicide and 1 micron size of copper in BIOCOPP<sup>™</sup> is effective against most fungal diseases by contact action

### **Method of Application**

Foliar Application: Mix 3-5 ml of BIOCOPP<sup>™</sup> per 1 L of water and spray. Adding a sticking agent to the solution will aid in better adherence of the formulation to the crops

### **Target Disease**

Most fungal diseases

### **Target Nutrition**

Copper supplementation

### **Crops**

BIOCOPP<sup>™</sup> is suitable for application on Vegetables , Plantations , Cereals , Millets , Pulses, Oilseeds Fibre Crops , Sugar Crops , Forage Crops , Plantation crops ,Vegetables, Fruits, Spices , Flowers , Medicinal crops , Aromatic Crops , Orchards and Ornamentals

## Compatibility

BIOCOPP™ is compatible with most fungicides and insecticides. There are some exceptions. Check the chemical container and look for manufacturer's caution on product incompatibility with copper before mixing them together.

## Shelf Life

BIOCOPP™ is stable for a period of 24 months from the date of manufacturing.

## Mass Composition

CONSTITUENT	W/W %	FUNCTION
Copper	50%	Active
Aqua base	q.s.	Inactive

*Free from Salmonella, Shigella, E.Coli*

## Cautions for handling and use of product

1. Avoid inhalation and skin contact while diluting as there could be spillage / splashes of the product.
2. Mixing and spraying equipment is to be thoroughly rinsed with water and detergent before using the same equipment for spraying other chemical agricultural inputs.
3. Surplus spray solution should not be disposed in crop lands / stagnant water / flowing water where there is a possibility of causing pollution to natural resources
4. Do not eat / drink / smoke during application.
5. Direct incidence of BIOCOPP™ may cause irritation and therefore it is recommended that the operator should use protective gear viz gloves, apron, mask, eye gear and hood.

## Symptoms and Antidotes

**Symptoms:** Occasional symptoms include head ache and nausea.

**Antidote:** In the case of ingestion: symptomatic treatment is advised. In the case of contact with Eyes: Flush with water liberally for 20 minutes. In case of Skin contact, wash the affected area with plenty of water and soap.

## Citations

There are many citations on use of liquid copper and its applications in agriculture

### Commitment to Nature

- BIOCOPP™ is safe to natural parasites, pollinators and predators.
- BIOCOPP™ can be used as an effective component in IPM programmes
- BIOCOPP™ does not lead to residue problems and doesn't cause resistance or resurgence problems.

### Benefits from BIOCOPP™

- BIOCOPP™ is an effective fungicide
- BIOCOPP™ effectively supplements Copper in a liquid form which is an essential element
- BIOCOPP™ does not impart particle injury to crops unlike other Copper formulations.