



# Nano Copper

**Nano Copper** contains 500 ppm nano copper made by nano technology process, encapsulated by a bio polymer in a water suspension. This does not contain hydrogen peroxide. Plant pathogenic diseases like downy mildew in grapes are better controlled by copper application. Organic farming systems permit certain quantum of copper-based products to address such critical issues.

Components	(%) w/w
Copper Sulphate Pentahydrate	1.00
4% Chitosan	50.00
Sodium Borohydride	0.10

## Dosage & Application | 10,000ppm

Mix Nano Cu (50ppm) 5 ml/L of water and spray on the affected area. Repeat the application after a week

**Soil application:** 2.5L per acre and apply during sowing or transplantation

Do not mix Nano Cu with any chemical pesticides. Do not add any microbial biofertilizer before or immediately after drenching or spraying the target area. A week gap is ideal before application of any microbe based inoculant

**Compatibility:** Nano Cu is compatible with all other biofertilizers and organic fertilizers

## Benefits

- Universal disinfectant against fungi
- Does not contain hydrogen peroxide
- Very safe, non-hazardous, non-toxic
- Can disinfect plant debris and plants
- Can be sprayed on plants
- Can be used for disinfecting pruned debris
- Highly photostable, does not oxidise in sunlight
- No maximum residue limit issue
- No post harvest interval issues
- No re-entry barrier issues
- Compatible with all chemical pesticides, fertilizers, micronutrients, PGRs, botanicals (NOT with microbials)
- Works in high and low temperature
- Works in high and low humidity
- Non-phytotoxic
- Easy to use product that leaves no residues
- Prevents recontamination or re-occurrence of pathogens
- Environmentally safe & biodegradable