

# ANC ENZYME SOLUTIONS PTE LTD

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## ANC Micro food

(Trace elements)

ANC Microfood is a multi micronutrients based foliar & Soil application formulation which provides necessary amount of micronutrients to the crop.

### Mode of action

ANC Microfood is completely absorbed by the leaves within ten minutes of application under dry weather conditions and within twenty minutes under humid conditions. Beneficial results are seen within days and a second spray is generally recommended thereafter.

Rains after ANC microfood application do not reduce the effectiveness and so it is not necessary to repeat the spray.

### Application Time for foliar application

The point to entry of foliar sprays into the plant is the stomata. Hence the best time to take foliar sprays is when the stomata are open i.e. generally from sunrise to late morning, and then in the evening until dusk. Sprays are more effective when taken in lower concentration (0.5%-1.0%) and more frequently.

### Crop Recommendations

Crop	Dosage / Hectare	
	Soil Application	Foliar Application
Plantation and plain crops including vegetable, cereals pulses, Cole crops, Cash crops, Oil seeds, Cereals, Pulses, Fruit crops, Ornamental crops and Fibre crops etc.	10 12 kg per hectare  Dosage may vary depending upon the crop and the region	0.25 % to 0.5 %  Dosage may vary Depending upon the crops, stage of the crop, crop canopy and region.

### Compatibility

ANC Microfood is compatible with most foliar fertilizers. It is compatible with Urea, Magnesium Sulfate, Sulphur fungicides and Insecticides and Fungicides not based on phosphates and chlorides. A jar test is recommended for compatibility before tank use. To ensure optimum results do not mix with pesticides or insecticides.

### Benefits

- The contents are totally soluble in water and compatible with pesticides, fungicides, nutrient sprays and plant growth regulators.
- Crop specific and Region specific formulations are available.
- Fortified with all essential amino acids and Iodine to maintain the plant health.

### Nutrients Use

#### Boron (B)

- Helps in the use of nutrients and regulates other nutrients.
- Aids production of sugar and carbohydrates.
- Essential for seed and fruit development.

#### Copper (Cu)

- Important for reproductive growth.
- Aids in root metabolism and helps in the utilization of protein

#### Iron (Fe)

- Essential for formation of chlorophyll.
- Sources of iron are the soil, iron sulfate and iron chelate.

#### Manganese (Mn)

- Functions with enzyme systems involved in breakdown of carbohydrates, and nitrogen metabolism
- Soil is a source of manganese

#### Molybdenum (Mo)

- Helps in the use of nitrogen
- Soil is a source of molybdenum

#### Zinc (Zn)

- Essential for the transformation of carbohydrates.
- Regulates consumption of sugars.
- Part of the enzyme systems, which regulate plant growth.
- Sources of zinc are soil, zinc oxide, zinc sulfate, and zinc chelate.

### Health Hazard

Eye Contact: Immediately flush eyes with water. Get medical attention if irritation persists.

Skin Contact : After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

### Shelf Life

Two life if stored at ambient temperature and if unopened.

### Packing

25Kg HDPE Drum