

*Liquid mineral fertilizer*  
*5% Copper*  
*30% Copper chelate with 10% ammonium sulfate*

#### **APPLICATION OF THE FERTILIZER**

Liquid mineral fertilizer to be applied through the micro irrigation system (drip irrigation system and micro rain) and foliar application.

#### **USE AND EFFECTS**

The copper, as a nutrient element, enters the composition and participates in the formation and normal functioning of the mitochondria. Copper stimulates protein synthesis, participates in the transpiration process, improves metabolism and is an integral part of numerous enzymes.

30% Copper chelate with 10% ammonium sulphate is a fertilizer with the presence of copper in a chelated form. 30% Copper chelate with 10% ammonium sulphate represents the new generation of copper products, it is easily soluble and is easy to penetrate into the plant tissues without causing stains on the fruits or leaves.

30% Copper chelate with 10% ammonium sulfate, thanks to the high activity of the copper complex, is most effective in foliar applications. Use in the root is also effective against vascular diseases that are developed to the root of the plant. Its use is recommended for all cultures, especially for those with higher requirements for copper or those that are more susceptible to fungal or bacterial diseases. Can be applied through the drip irrigation system, several times during vegetation. Foliar application for vegetable and agronomy crops is recommended to begin immediately after crops obtain sufficient leaf mass to absorb the solution, whereas for grapevine and fruit seedlings application is recommended during the vegetative cycle, and not recommended immediately before the harvest.

#### **MANNER OF APPLICATION**

##### **Drip irrigation system and watering**

<b>Crop</b>	<b>Period of application</b>	<b>Number of applications</b>	<b>Dosage l/1000 m<sup>2</sup> with 1 application</b>
Vegetable crops	Initial and mass fruiting	2-3 applications	2-3 l fertilizer with minimum 4,000 l water
Agronomy crops	During the vegetation	1-2 applications	1-2 l fertilizer with minimum 3,000-4,000 l water
Fruit crops and grapevine	Growth of fruit-berry*	3-4 applications	3-4 l fertilizer with minimum 4,500 l water

\*Fertigation at this stage can begin, provided that the field conditions allow that (dry spring and supply of irrigation water).

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**Foliar application**

Crop	Period of application	Number of applications	Dosage
All crops	In all the phenophases to supply the required amount of copper	According to the symptoms and need of the plants	1-2 l/ha as foliar application with 300 l water or 0.25-0.30% solution
Vegetable crops	During vegetation, due to resistance to cold, resistance to some pathogens, solid grain and quality. From the phenophase 3-leaf phase to the end of the clamping	1-2 applications	1-2 l/ha as foliar application with 300 l water or 0.25-0.30% solution
Agronomy crops	During vegetation, for a higher quality leaf and resistance to some pathogens	1-2 applications	1-2 l/ha as foliar application with 300 l water or 0.25-0.30% solution
Fruit crops and grapevine	During vegetation, for a higher quality leaf and resistance to some pathogens	1-2 applications	1-2 l/ha as foliar application with 300 l water or 0.25-0.30% solution

The effect of foliar application is better in early morning or evening hours.

**NOTE**

It can be mixed with most fertilizers in fertigation solutions except the ones having strong acidic and alkaline reaction. Do not mix it in the same tank with calcium ammonium nitrate and calcium nitrate solutions. It can be used separately or combined with numerous pesticides, but before each use it is necessary to read the instructions from the manufacturer of protective equipment. Do not mix it with bordeaux mixture and other strong alkaline agents for protection.

**STORAGE**

Store at a temperature higher than +10°C.

**SHELF LIFE**

2 years.

COMPOSITION	
Copper (Cu)	(5.0 ± 0.5) %
Cu(NH <sub>4</sub> ) <sub>2</sub> EDTA	(30.0 ± 3.0) %
(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub>	(10.0 ± 1.0) %