



# Silver

## ANTISTRESS FERTILIZER

Registration number for conventional fertilizers

0040222/23

### COMPOSITION

Total Nitrogen (N) . . . . .11.5%

Nitric Nitrogen (N) . . . . .6.5%

Ammoniacal nitrogen (N) 5.0%

Potassium oxide(K<sub>2</sub>O) 7.0%

water soluble

Zinc (Zn) . . . . .1.0%

water soluble

Colloidal silver

### C.P CHARACTERISTICS

pH . . . . . 2.5 +/- 0.5

Density . . . . . 1.30 +/- 0.5

Color . . . . . Colourless

Smell . . . . . Slightly acetic

Solubility . . . . . Completed

### FORMULATION

Liquid

### CLASSIFICATION

Danger



### PACKAGING

Bottle . . . . . 1 L

Tank . . . . . 5 L

Tank . . . . . 10 L



Made in Italy

## ZINC NK FERTILIZER SOLUTION (Zn) 11,5-7

The sanitizing activity of silver ions as well as that of hydrogen peroxide has long been known. **SILVER** combines these two elements to maximise their effectiveness. The main advantages of this product include: low toxicity of its components, lasting effect and no final residue. **SILVER** is an ecologically sustainable compound able to make plants healthier, increasing their storage parameters.

The interaction between the silver ions and the oxygen released by the hydrogen peroxide, forms radicals and anions with a high kinetic energy, which allow to penetrate the cell wall. The mixture is effective in stimulating a number of phytoalexins, and enhancing plant physiology. This action and the presence of nitrogen increase the productive capacity of the plant. **SILVER** boosts chlorophyll activity (which results in increased dry

matter accumulation) and maximizes the genetic potential of all crops. It is appropriate to provide a calciumbased fertiliser with **CALCIO MAX** to support all physiological processes, apply **ALAZIN K** or **MIX PK** also in mixture, to contain vegetative excesses and provide adequate micro and macro elements to plants.

The advantages for the crop can be summarized in the following points:

- It steadily increases yields by reducing initial mortality.
- It speeds up germination by allowing homogeneous growth.
- Activate the plant's defenses.
- It inhibits the formation of ethylene.
- It is not phytotoxic and does not affect the taste of fruits and vegetables.
- Miscible with organic compounds, with **CALCIO MAX** and phosphites.

### DOSES AND METHODS OF USE

**SILVER** can be used for foliar treatments at 150-200 ml/hl of water. Under critical conditions raise up to 300 ml/hl of water.

Seed beds, seedlings and seed tanning use 50-100 ml/100 L of water.

It is advisable to use **SILVER** in combination with **BIOBACTER**® to improve the quality of the mixture in the following dosage:

- *preventive use* . . . . . 150-200 ml of **BIOBACTER**® and 100-150 ml of **SILVER**.
- *under adverse conditions* . . . 100 ml di **BIOBACTER**® and 150-200 ml of **SILVER**.

**WARNINGS:** Avoid use during the hottest hours of the day, the product should dry properly. Spray finely avoiding the formation of large drops. **SILVER** can be mixed with most agropharmaceuticals, enhancing their efficacy, insert **SILVER** as the first element in the aqueous solution. Do not mix with compounds containing metals and oils, in case of doubt, check the miscibility in advance. No incompatibility varieties has been detected so far, in any case a preliminary test before application. In case of recognized need, do not increase the dosages, but reduce the intervention time.