

**K-fulvate** is a liquid enhancer of the action-performance of fertilizers, micronutrients and pesticides, which comes from naturally aged humus. **K-fulvate** contains 2.5% fulvic acid in combination with small amounts of potassium, nitrogen and other micronutrients.

Fulvic acid is a soil component with multilateral action due to its property to form bonds with ions metals and to make them chelated on the one hand and on the other hand to dissolve the soil minerals. These processes increase the availability of the trace elements which are important for the plant nutrition due to the formation of compounds of metal-fulvic acid that are capable of penetrating into the plant cells.

Fulvic acids are widely known for their capacity to:

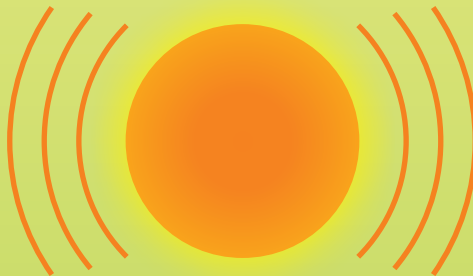
- ◆ Improve the nutrient uptake by the plants through foliar applications.
- ◆ Chelate nutrients and improve their assimilation by the plants while reducing their immobilization in the soil.
- ◆ Promote seed germination and the rapid growth of roots and shoots.
- ◆ Provide a valuable source of carbon to the soil beneficial micro-organisms.
- ◆ Improve the efficiency of herbicides, insecticides and fungicides.
- ◆ Improve the humidity retention by the plants and offer resistance against drought.

# K-fulvate

Liquid Enhancer Action of Nutrients - Pesticides

## Synthesis

Fulvic acid	2.5% (min)
Potassium(K <sub>2</sub> O)	5,000 mg/lt
Nitrogen(N)	50 mg/lt
Calcium(Ca)	26 mg/lt
Sulphur(S)	28 mg/lt
pH	4



Net Content : 1 |   
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Produced by

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## APPLICATION RATES- APPLICATIONS

**K-fulvate** is mainly used in combination with liquid fertilizers, micronutrients and pesticides in all crops according to the following application rates:

**Liquid fertilizers (foliar & drip):** Mix with the fertilizer at a rate 2% (200 ml K-fulvate/10 l of nutrient solution) and apply according to the application rate of the fertilizer.

**Liquid Micronutrients:** Mix at a rate 5% (500 ml K-fulvate/10 l of nutrient solution) and apply foliarly according to the application rate of the micronutrients.

**Herbicides-Insecticides-Fungicides:** Mix at a rate 500-1,000 ml/l of pesticide.

**Seed treatment:** Spray at a rate 10-15 l/ton of seed in an appropriate amount of water.

## COMPATIBILITY-PRECAUTIONS

It is being mixed with most formulations. It must NOT be mixed with very concentrated solutions (e.g. super-phosphates and super-calicates) because there is risk of creating sediment. The application rate of K-fulvate must not exceed 3-5 l/ha. A test of compatibility is always recommended before the mixing in the tank.

*Shake well before any use*

**KEEP OUT OF REACH OF  
CHILDREN**