

Action Enhancer of Nutrients - Pesticides
100% water soluble

Fulvic Powder

ET.003.057 - Ver. 21.1 EN0621

It contains Fulvic acid 70%

Fulvic Powder is an enhancer of the action-performance of fertilizers, micronutrients and pesticides, which comes from naturally aged humus. **Fulvic Powder** contains 70% fulvic acid in combination with small amounts of humic acid and potassium.

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

Fulvic acids are widely known for their capacity to:

- ◆ Chelate nutrients and improve their uptake by plants while reducing their immobilization in the soil.
- ◆ Promote seed germination and rapid growth of roots and shoots.
- ◆ Provide a valuable source of carbon to beneficial soil microorganisms.
- ◆ Stimulate the plants' enzymes which increase plants' respiration.
- ◆ Improve humidity retention by plants and reduce the stress due to dehydration.

APPLICATION RATES-APPLICATIONS

Fulvic Powder is mainly used in combination with granular fertilizers, water soluble fertilizers, micronutrients and pesticides in all crops according to the following application rates:

Granular fertilizers: Mix with the fertilizer at a rate of 1% of the fertilizer quantity (10 g **Fulvic Powder**/kg of fertilizer).

Water soluble fertilizers (foliar & drip): Mix with the fertilizer at a rate of 0.5% of the whole quantity of the fertilizer (5 g **Fulvic Powder**/kg of fertilizer), dissolve in the water and apply according to the application rate of the fertilizer.

Micronutrients in powder form: Mix with the powder of micronutrients at a rate of 1% of the total quantity of the micronutrients (10 g **Fulvic Powder**/kg of the micronutrient's powder), dissolve in the water and apply forially according to the application rate of the micronutrients.

Herbicides-Insecticides-Fungicides: Mix at a rate of 20-50 g/l of pesticide.

Seed treatment: Spray at a rate of 500 g/ton of seed in an appropriate amount of water.

COMPATIBILITY-PRECAUTIONS

It can be mixed with most formulations. Avoid mixing with very concentrated solutions (e.g. super-phosphates and super-calicates) because there is risk of creating sediment. A test of compatibility is always recommended before mixing in the tank.

STORAGE

Keep it tightly sealed and stored in a dry place, away from bright light. Keep away from children and pets.

PRODUCED BY



Ermoú 1 & Theotokopoulou, 144 52 Metamorphosi,
Greece, Tel. +30 210 284 5891, Fax. +30 210 281 7971
E-mail: info@humofert.gr Web Site: www.humofert.gr