

FORCE is a liquid soil activator with 18% humic acids. It derives from selected leonardite deposits which have naturally high percentage in humic acids and are rich in major nutrients and micronutrients (K, Ca, Mg, Fe, Mn etc).

PROPERTIES

FORCE improves the following physicochemical and biological properties of the soil:

- Increases the cation exchange capacity (CEC).
- Improves water retention.
- Fortifies the retention of the mineral nutrients.
- Promotes the uptake of the essential nutrients.
- Corrects the soil pH which is changing due to the constant use of chemical fertilizers.
- Releases nutrients that were bound due to the increased water conductivity and increases their availability to the plants.
- Reduces nutrient leaching.
- Facilitates the air penetration in the soil which results in the better aeration of the root system.
- Stimulates the activity of the beneficial microbial population.

BENEFITS

FORCE enhances the efficiency of the applied fertilizers while reducing the losses of nutrients due to evaporation and leaching. At the same time, **FORCE** stimulates plant growth and promotes the biological processes which take place in the root cells especially under intense stress conditions (frost, drought, salinity). In that way it prevents possible rots and increases crop yield. Furthermore, it improves crop quality by offering fruits more sugars, micronutrients and a longer shelf life.

COMPATIBILITY

It must NOT be mixed with contact herbicides and with oil or very acid formulations. It is being mixed with most fertilizers and fungicides. In any case a test of compatibility is recommended before mixing in the tank. Avoid mixing if during the test sediment is formed.

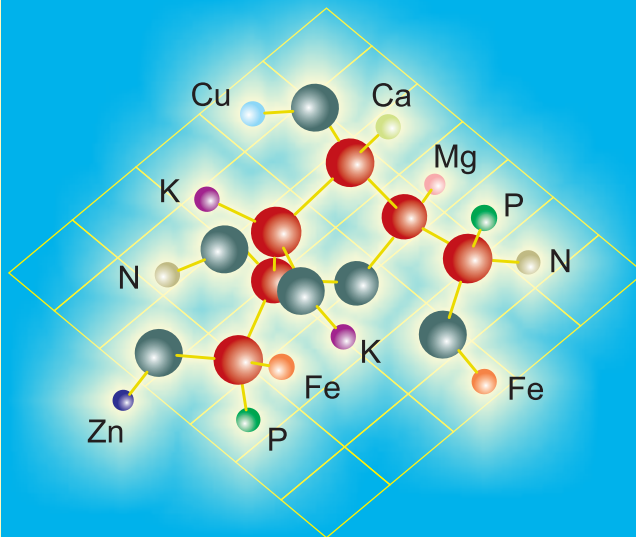
STORAGE-PRECAUTION

Keep it well sealed and stored in its original package. Keep out of frost and direct sun light. Wash your hands thoroughly after handling. Harmful if swallowed. Avoid contact with skin and eyes. In case of contact, wash thoroughly your skin and eyes with plenty of water. Seek medical attention if irritation persists.

KEEP OUT OF REACH OF CHILDREN

Condensed Liquid Soil Activator

FORCE



Rich in organic acids for the soil rejuvenation and the creation of a matrix which retains nutrients near the root

Net Content

1 5 12 25 200

Produced by

HUMOFERT

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APPLICATION RATES - APPLICATION

NURSERY-TRANSPLANTING

Seed germination: Soak the seeds before sowing and then water the cubes of the substrate at an application rate 30-40 ml/10 l of water.

Seed treatment: 1-1.5 l/100 kg of seed in an appropriate amount of water.

Rooting: 4 ml/l of rooting water (watering after transplanting).

Spray: Mix at an application rate 1 l/250-400 l of water.

Root dipping: Dip the roots for 5-10 minutes before planting in a solution of a rate 150 ml/10 l of water.

VEGETABLES - GREENHOUSE

Foliary: Apply 1 or 2 times a week at an application rate 0.75-3 l/ha.

Fertigation: Apply 1 or 2 times a week at a rate 100-200 ml/100 l of water. Alternatively apply at a rate 5-15 l/ha 3-4 times every 10-20 days starting from planting or transplanting.

FLOWERS AND ORNAMENTAL PLANTS

Foliary: Apply 1 or 2 times a week at a rate 75-100 ml/100 l of water. There is a risk that brown spots appear on the flowers due to the solution. If this is disturbing, apply the product by fertigation.

Fertigation: Apply 1 or 2 times a week at an application rate 100-200 ml/100 l of water. Alternatively apply at a rate 5-15 l/ha 3-4 times every 10-20 days starting from the planting or the transplanting.

ARABLE CROPS

Foliary: Apply at a rate 5-8 l/ha before blooming and at fruit set.

TREES AND VINEYARD

Foliary: Apply at a rate 5-8 l/ha before blooming, at fruit set and at maturing. The dilution rate must not exceed 1:200.

Fertigation: Apply at a rate 3.5-7 l/ha every 15 days throughout the growing season.

LAWNS AND TURFS

Foliary: Apply at a rate 7-15 l/ha 1 or 2 times a week. The dilution rate must not exceed the ratio 1:200.

HYDROPONICS

Apply at a rate 100-200 ml/100 l of nutrient solution 1 or 2 times a week.

SHAKE WELL BEFORE ANY USE