NATURAL ZEOLITE CLINO S20

Product allowed in organic farming

CORROBORATING

- PLANT DEFENCE BOOSTER
- NATURAL ORIGIN SUBSTANCE THAT ENHANCES PLANT RESISTANCE TO BIOTIC AND ABIOTIC STRESSES

It is a natural volcanic **mineral** with a high and selective cation-exchange capacity.

IDEAL FOR:

- Treatment of leaves for the protection against insects and pathogens
- Neutralization of harmful elements, ammonium, heavy metals and organic molecules
- Absorption of odorous gases, ammonia, hydrogen sulphide, mercaptans
- Improving the use efficiency of fertilizers by reducing their quantity
- Carry the inoculum of mycorrhizal fungi, rhizosphere bacteria that promote plant growth and autochthonous saprophytic fungi

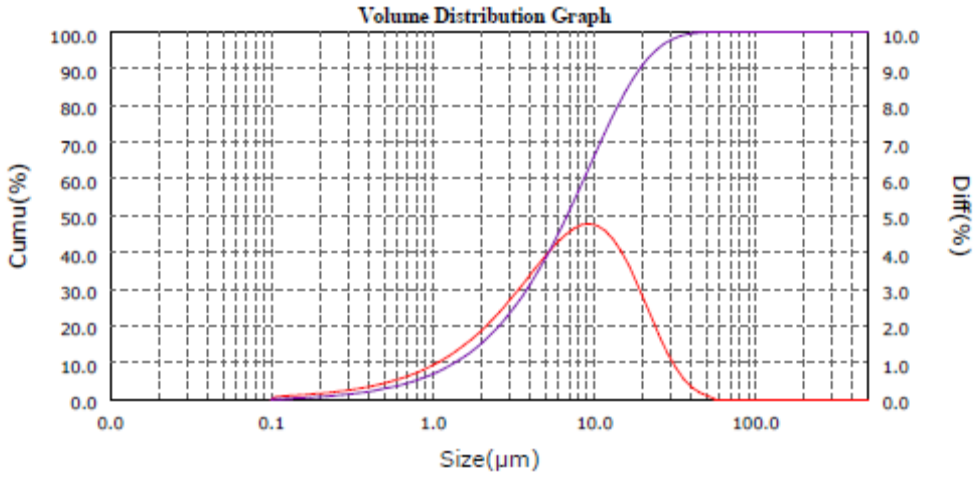
PHYSICAL AND CHEMICAL PROPERTIES:

- Total zeolitic content: approx. 70% (Clinoptilolite)
- Total cation-exchange capacity: approx. ca. 145 meq/100 gr (Ca 67, Mg 50, Na 12, K 15)
- Specific weight: approx. 2.20 g/cm^3
- Apparent specific weight: approx. 850 g/l
- Water absorption: approx. 25%

NON-TOXIC PRODUCT (free from crystalline silica)
NON-PHYTOTOXIC

- ### Granulometric analysis

Granulometry: 0-20 micron [d(0,1):1,37 µm; d(0,5):7,91 µm; d(0,90):22,31µm]



- ## Chemical analysis

AVERAGE CHEMICAL ANALYSIS On an average sample representative of quarry fronts	
SiO_2	68-71%
Al_2O_3	12-15%
Fe_2O_3	2-3%
CaO	0,6-0,8%
Na_2O	1,3-1,7%
MgO	1,1-1,5%
K_2O	1,5-1,8%
pH	7-8

APPLICATION IN THE TREATMENT OF LEAVES:

Thanks to the specific crystalline structure of micronized zeolite and to its capacity to absorb excess moisture, with simple applications on the leaves it is possible:

- to create a real barrier against phytophagous insects with a piercing and sucking apparatus
- to effectively prevent attacks by and development of fungal pathogens
- to obtain a healing effect on the lesions caused by hail and parasite action
- to increase resistance to the burning action of the sun, UV rays, sudden changes in temperature, high temperatures

RECOMMENDED DOSAGE AND METHOD OF USE

Liquid treatment:

Vine - Olive

Dosage: 300-400 gr/hl (Kg 2-3/ha). When: after plant revival, every 7-15 days depending on rain and/or moisture. On bunches and fruits, until the start of the veraison period, 2-3 treatments in order to improve mechanical resistance of bunches and fruits.

Fruit trees

Dosage: 300-400 gr/hl (Kg 2-3/ha). When: from post-blossoming to fruit growing period, every 7-15 days depending on rain and/or moisture.

Actinidia – Citrus fruits

Dosage: 300-400 gr/hl (Kg 2-3/ha). When: after plant revival, every 7-15 days depending on rain and/or moisture. On fruits, until the start of the veraison period, 2-3 treatments in order to improve mechanical resistance of bunches and fruits.

Fruit plants

Dosage: 300-400 gr/hl (Kg 2-3/ha). When: from post-blossoming to fruit growing period, every 7-15 days depending on rain and/or moisture.

Leafy vegetables and aromatic plants

Dosage: 300-400 gr/hl (Kg 2-3/ha). When: once every 7 – 10 days

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This product is a natural raw material. All the above data are approximate values and do not represent any contractual warranty.