NATURAL ZEOLITE CLINO S20

Product allowed in organic farming

CORROBORANT

- 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

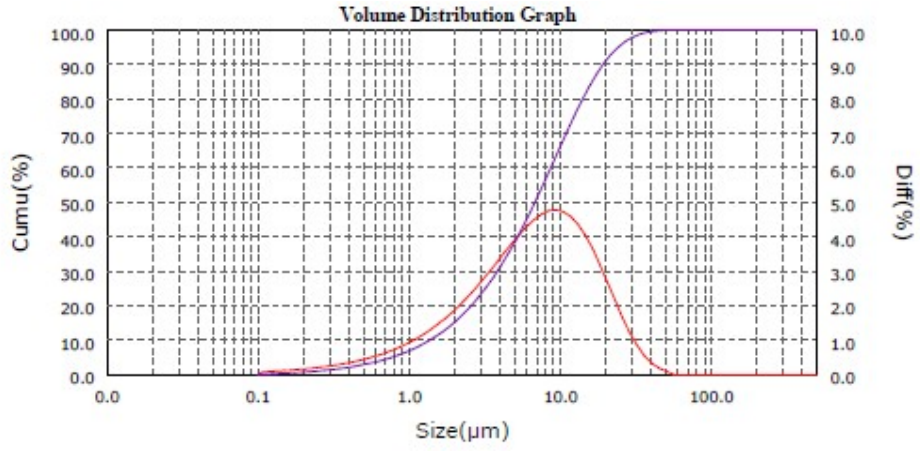
PHYSICAL AND CHEMICAL PROPERTIES

- Total zeolitic content: approx. 85%-90% (Clinoptilolite)
- Total cation-exchange capacity: approx. 190-210 mEq/100 g (Ca 67, Mg 50, Na 12, K 15)
  C.E.C.: approx 190-210 mEq/0.22lb
- Specific weight: approx. 2,200 kg/m^3 (*137.34 lb/ft^3*)
- Apparent specific weight: approx. 850 kg/m^3 (*53.06 lb/ft^3*)
- Water absorption: approx. 25%

Product free from Crystalline Silica

- **Granulometric analysis**

GRAIN SIZE FRACTIONS 0-20 µm *(635- US Mesh)*	
DIAMETER	**GRAIN SIZE**
10 %	< 1.37 µm
50 %	< 7.91 µm
98 %	< 22.31 µm



- **Chemical analysis**

AVERAGE CHEMICAL ANALYSIS On an average sample representative of quarry fronts	
SiO_2	61 - 67 %
Al_2O_3	10 - 13,9 %
Fe_2O_3	2 - 2,8 %
CaO	2 - 3 %
Na_2O	0,5 – 1,9 %
MgO	1,2 – 1,4 %
K_2O	1,38 – 1,84 %
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 g/hl (Kg 3-4/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 g/hl (Kg 3-4/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 g/hl (Kg 3-4/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 g/hl (Kg 3-4/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 g/hl (Kg 3-4/ha). When: once every 7 – 10 days

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STORAGE: store the product in a sheltered and dry place.

*The corresponding **Imperial Measurements** are shown in brackets.*

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