MICRONIZED PUMICE P20

Product allowed in organic farming

PRODUCT TRADE NAME

MICRONIZED PUMICE 0-20 µm- P20

STONE OR ROCK POWDER

COMPOSITION

Product obtained by grinding Pumice rock and subsequent drying.

COMPOSITION IN ORDER OF % WEIGHT OF COMPONENTS (AVERAGE)

- Volcanic glass 89.2%
- Quartz 2.3%
- Sanidine 3.6%
- Andesine 1.9%
- Muscovite 3.0%

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 cation-exchange capacity (C.E.C.): aprox 30mEq/100gr
- Apparent specific weight: ca. 800-900 kg/m^3
- It contains no Free Crystalline Silica

Chemical Analysis

AVERAGE CHEMICAL ANALYSIS On an average sample representative f quarry fronts	
SiO_2	55,0 - 61,0 %
Al_2O_3	17,0 - 19,0 %
K_2O	7,0 - 9,0 %
Fe_2O_3	3,0 - 5,0 %
CaO	2,0 - 5,0 %
Na_2O	1,5 - 3,5 %
TiO_2	0,3 - 0,7 %
MgO	0,7 - 2,1 %
P_2O_5	0,1 - 0,2 %
MnO	0,1 - 0,2 %
P.F.	2,5 - 6,0 %
pH	7-8

AGRONOMIC FUNCTION AND MODE OF ACTION:

Thanks to the specific structure of natural Zeolite Clinoptilolite and of Pumice 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 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

PRECAUTIONS AND WARNINGS

MICRONIZED PUMICE 0-20 µm- P20 is a natural product that contains no Free Crystalline Silica.

The fineness of the particles, which is fundamental to the product's effectiveness, requires the use of appropriate personal protective equipment to prevent inhalation.

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

AVAILABLE IN 1-ton BIG-BAGS and in 10 kg BAGS.

This product is a natural raw material. All data indicated above are average production values and do not provide any warranty.