ZEOLITE FERTENIA
Micronizzata

ZEOFERT
Microgranulare (Ø 0,7-2mm)

CHABASITE-BASED ROCK POWDER > 65%
- MICRONISED < 10 - 20 µm
- MICROGRANULAR Ø 0,7-2 mm

CORROBORANTS - SOIL IMPROVERS

STRENGTHS

- HIGH CATION EXCHANGE CAPACITY **(CEC)**
- THE PSEUDO-CUBIC MORPHOLOGY OF THE CRYSTALS CREATES A BARRIER EFFECT TO OVIDEPOSITION
- IMPROVES PLANT RESISTANCE TO BIOTIC AND ABIOTIC STRESSES
- DOES NOT clog FILTERS (10 µm)
- **ZEOFERT**:ADJUSTS PH, REDUCES SALINITY AND HEAVY METALS IN SOILS WITH LOW SODIUM CONTENT

Allowed in Organic Farming

MICRONISED ZEOLITE PACKAGE
Bags 3 / 10 Kg
Pallet 1200 Kg (10 Kg)
Pallet 504 Kg (3 Kg)

PACKAGE ZEOFERT MICROGRANULAR
Bags 20 Kg
Pallet 1000 Kg

MICRONISED FERTENIA ZEOLITE - *CORROBORANT* FEATURES

Fertenia Micronised Zeolite with Chabasite content >65% is a totally natural **Italian product.** Particularly effective in foliar treatments; its particular pseudo-cubic crystalline morphology makes the sprinkled surfaces very rough and creates a real protective barrier against **phytophagous insects and fungal attacks** from *Botrytis cinerea, Downy mildew, Powdery mildew...* Thanks to its properties of retaining and containing excess moisture, it also exerts a healing effect on the lesions produced by the aforementioned pathogenic fungi.

Fertenia Micronised **Zeolite** increases the resistance of plants (young leaves, shoots and fruits) to temperature changes (high temperatures - burning action - UVA rays) and has **a high cation exchange capacity (CEC)** (applied in fertigation); **Natural product that can be used during periods when the use of chemicals is prohibited.** Product totally free of phytotoxicity. Can also be used in mixtures with fungicides, insecticides and fertilisers.
Low in sodium, it exerts a **'regenerating'** and **'detoxifying'** activity.

ZEOFERT MICROGRANULAR - *AMMEDANT* FEATURES

ZEOFERT microgranular (0.7-2mm) is a natural zeolite **(Chabasite)** particularly suitable for **use in soil**. Thanks to its special grain size, it can be distributed with typical spreaders.

ZEOFERT significantly enhances the uptake of mineral nutrients in the soil or from mineral/organic fertilisers; simultaneously counteracts the negative excesses of both acidity and alkalinity in soils; has an **excellent cation exchange capacity (CEC)**; retains nutrients and then gradually releases them; **reduces sodium salts** and the hardness of irrigation water **(salinity)**; enables the reduction of water quantities with considerable water exchange (absorbs water and releases it gradually); increases the plants' resistance to temperature changes; **facilitates cultivation in greenhouses and hydroponics.**
Regular use reduces the presence of heavy metals in soils.

DOSAGE AND METHOD OF USE MICRONISED ZEOLITE < 10 - 20 µm

CROPS	FERTIGATION
All crops	40-50 kg/ha in combination with other fertilisers, fungicides and/or insecticides

CROPS	FOLIAR APPLICATION - LIQUID
VITICULTURE /KIWI /CITRUS /OLIVE: 200-300 g/hl (Vol. Normal) 2-3 kg/ha (Low Volume)	PERIOD: From the vegetative upswing every 7-12 days depending on the amount of rain and/or humidity. On the bunch and fruits until the onset of ripening 2-3 treatments to increase the mechanical resistance of the bunches and fruits.
FRUIT FARMING/HORTICULTURE: 200-300 g/hl (Vol. Normal) 2-3 kg/ha (Low Volume)	PERIOD: During post-flowering / fruit swelling phase, treat every 7-12 days depending on rain and/or humidity
FRESH-CUT LEAF / BABY LEAF / AROMATIC CROPS: 150-200 g/hl (Vol. Normal) 1.5-2.0 kg/ha (Low Volume)	Spraying once a week
FLORICULTURE/FORESTRY/GRAINS/LEGUMINOSAE/RICE 200-250 g/hl (Vol. Normal) 2-2.5kg/ha (Low Volume)	Spraying once a week
INDUSTRIAL CROPS 150-200 g/hl (Vol. Normal) 1.5-2.0 kg/ha (Low Volume)	Regular treatments every 8-10 days alone or in combination with other fertilisers, fungicides and insecticides
SEEDLINGS IN NURSERIES 200-250 g/hl (Vol. Normal) 2-2.5kg/ha (Low Volume)	Regular treatments every 5-7 days alone or in combination with other fertilisers, fungicides and insecticides
POWDER TREATMENT	Zeolite Fertenia is used in periods when it is not possible to use copper salts to prevent botrytis attacks by applying 30 kg of material per ha or 6/8 kg of material per ha in addition to the formulations (copper salts/sulphur) to improve performance.

MINERALOGICAL COMPOSITION QUALITATIVE- QUANTITATIVE

Chabazite	**65%±5**
Phillipsite	5%±3
K-feldspar	4%±2
Biotite	2%±1
Pyroxene	4%±1
Volcanic glass	20%±5
SiO_2	52.1%±4
Al_2O_3	17.1%±2
Fe_2O_3	3.7%±0.6
MgO	1.9%±0.3
CaO	5.8%±0.8
Na_2O	0.5%±0.1
TiO_2	0.5%±0.1
K_2O	6.1%±0.7
P_2O_5	0.3%±0.05
MnO	0.2%±0.05

NOTE: Fertenia Micronised Zeolite, due to its ability to partially bind minerals or other added constituents to itself, is recommended to be used as the last product in the mixing phase.

CHEMICAL-PHYSICAL PROPERTIES

Formulation:
Powder < 10 - 20 µm

DOSES AND HOW TO USE ZEOFERT

CROPS	PERIOD
HORTICULTURE Ground application 0.600/0.700 kg x 1 m^2 Once only at the indicated dosages, and/or fractionated into 3/5 times (1/3-1/5 per year).	In the pre-sowing, pre-transplanting or fallowphase. Bury at a depth of 15-20 cm to increase the mechanical resistance of the bunches and fruit.
VITICULTURE - FRUTICULTURE KIWI - CITRUS FRUITS - OLIVE TREE Ground application 0.600/0.700 kg x 1 m^2 Once only at the indicated dosages, and/or split into 3/5 times (1/3-1/5 per year).	Autumn-Winter and/or early Spring localised applications (reduce by 1/3), and/or to the whole surface. Bury at a depth of 15-20 cm.
RICE, WHEAT, GRAINS AND LEGUMINOSAE Ground application 0.500/0.600 kg x 1 m^2 Once only at the indicated dosages, and/or fractionated into 3/5 times (1/3-1/5 per year)	In the pre-sowing, pre-transplanting or fallow phase. Bury at a depth of 15-20 cm
FLORICOLTURE Ground application 0.500/0.600 kg x 1 m^2 Repotting: 10-15% Zeolite added to substrate or soil	In the pre-sowing, pre-transplanting or fallow phase. N.B Recommended application in one or several times. Bury at a depth of 15-20 cm

MINERALOGICAL COMPOSITION QUALITATIVE- QUANTITATIVE

Percentage of natural zeolites	100%
Prevalent zeolite: **Chabazite** Cation exchange capacity: 210cmoles(+)/kg	**65%**
Phillipsite	5%±3
K-feldspar	4%±2
Biotite	2%±1
Pyroxene	4%±1
Volcanic glass	20%±5

Raw materials: Zeolites of natural origin, neither chemically treated nor enriched.

CHEMICAL-PHYSICAL PROPERTIES

Formulation:
Microgranule (0.7 - 2 mm)