



Zeolite85[®]

Soil Improver

TECHNICAL DATA

ZEOLITE85 0.8-2.5MM

Allowed in organic farming according to CE regulations 834/2007 and 889/2008 and d el DM 27 November 2009, n. 18354



1. USES AND BENEFITS IN AGRICULTURE:

Zeolite85[®] is the zeolite with the highest active ingredient content (minimum 85%) worldwide.

Zeolite85[®] is allowed in Organic Agriculture, 100% natural and sterilized.

Zeolite85[®] has the ability to remove heavy metals, contaminants, ammonium, and sodium that may be present in the soil, preventing their assimilation by the plant.

Zeolite85[®] increases water and nutrient retention, allowing the plant not to suffer from lack of water and high temperatures during the summer months.

Zeolite85[®] allows greater ventilation and drainage of the substrate, effectively reducing soil compaction.

Zeolite85[®] increases oxygen penetration into the soil, avoiding root rot and stimulating microbial activity.

Zeolite85[®] allows a considerable saving of chemical fertilizers thanks to the high cation exchange capacity (CEC), which allows for avoiding reconciliation.

Zeolite85[®] has a high and selective cation exchange capacity (CEC) which allows to retain and make available to plants and microorganisms slow-release nutrients (reduction of nutritional fluctuations & fertilizers used to their full potential)

2. USE AND METHOD

- 10/15 quintals/hectare once every 4 years on the land. Or 1 kg / m² under the canopy. Move about 1m away from the trunk for big trees.
- Distribute evenly with a classic fertilizer spreader.
- Ideally, apply in conjunction with the distribution of the organic substance. Bury.
- The product does not expire if kept in a dry place

4. PACKAGING

Paper bags (25kg) on pallets of 500 kg_20 bags of 25kg (500kg) ± 1%

3. TECHNICAL REQUIREMENTS

Zeolite85[®] with grain size from 0.8-2.5 mm

Analysis:

SiO ₂ (Silicon Oxide)	~ 69.62%
TiO ₂ (Titanium Oxide) content	~ 0.11%
Content of Al ₂ O ₃ (Aluminum Oxide)	~ 13.62%
Content of Fe ₂ O ₃ (Iron Oxide)	~ 0.75%
Content of CaO (Calcium Oxide)	~ 3.28%
MgO (Magnesium Oxide)	~ 0.9%
K ₂ O (Potassium Oxide)	~ 2.94%
Na ₂ O (Sodium Oxide) Content	~ 0.55%
Ignition Loss 10500C	~ 8.23%
Particles > 5.0 mm	Max 20%
exchange capacity (CEC), mgeqv / 100g content	Min 150 Min 85%

Standard / ISO

R 08.04.73
R 08.04.78
R 08.04.74
R 08.04.77
R 08.04.75
R 08.04.75
R 08.04.77
R 08.04.77
R 08.04.77
R 08.04.79
R 08.04.37 Cation
R 08.04.53 Clinoptilolite
R 08.04.61

5. ZEOLITE85[®] ADVANTAGES

-  Fungicide, bactericide, acaricide and insecticide
-  Reduces the use of other fertilizers
-  Regulator of the soil's PH
-  Remediation and structuring of the land
-  Exchange cationic and Fertility of the soil
-  Greater resistance with thermal changes and water shortage

