



## WHAT IS ZEOVERDE ?

Zeoverde is a high-quality granular clinoptilolite zeolite:

- It is a Clinoptilolite Zeolite is a type of zeolite composed mainly of sodium, potassium and calcium aluminosilicates.
- It has a very high CEC, usually between 150-200 meq/100g, making it effective at exchanging nutrients and adsorbing heavy metals.
- Excellent water retention capacity, helping to reduce the need for irrigation on agricultural soils and golf courses.
- Available grain sizes - 0.6 - 1.5 mm, 1.5 - 3 mm, and 3 - 5 mm

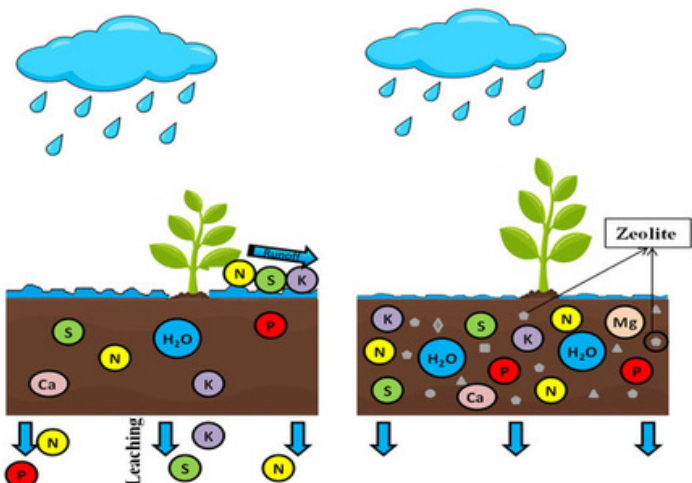
## ZEOVERDE BENEFITS

- Improved Soil Structure: Enhances soil porosity, improving drainage, aeration, and preventing compaction.
- Nutrient Retention: With high cation exchange capacity, gradually releases key nutrients (K, Ca, Mg) for consistent lawn nutrition.
- Fertilizer Savings: Minimizes nutrient leaching, reducing the need for frequent fertilization, saving costs and reducing environmental impact.
- Water Stress Resistance: Acts as a water reservoir, boosting water availability during dry spells.
- Increased Microbial Activity: Supports beneficial microorganisms, vital for nutrient cycling and soil health.

## SPECIFICATIONS

- Clinoptilolite 88-95% (XRD) Montmorillonite 2-5%, Feldspars, 3-5%, Muscovite 0-3%, Cristobalite 0-2%
- Density 2000 - 2400 kg/m<sup>3</sup>
- Hardness MOHS 2.0 - 3.0
- SiO<sub>2</sub> : 65 - 72 % Al<sub>2</sub>O<sub>3</sub> : 10 - 12 % K<sub>2</sub>O : 2.3 - 3.5 % CaO : 2.5 - 3.7% MgO : 0.9 - 1.2% Na<sub>2</sub>O : 0.3 - 0.65 % Fe<sub>2</sub>O<sub>3</sub> : 0.8 - 1.9 % TiO<sub>2</sub> : 0

## INFOGRAPHIC



Mousumi Mondal, et al (2021) Zeolites Enhance Soil Health, Crop Productivity and Environmental Safety - Agronomy - Vol 11, Issue 3



# SOILNEO

*Planting the Future*

## HOW TO APPLY

**-For new rootzones / growing media:** Mix at a 0.5 kg to 1 kg per 1 tonne of rootzone.

**-To absorb water in existing rootzones:** Apply to top 4-5 cm at 5-10 tonnes/ hectare.

**-To increase CEC:** Min. 1 tonne/ hectare, after “microtining”. Overdose impossible.

**Note:** The dosages indicated are general and should be adapted to the specific circumstances of each lawn. If you have any questions, please contact our technical department.

## PACKAGE

## 1.000 KG

## ENVIRONMENTAL IMPACT

Zeoverde is derived from natural organic materials and, when used as recommended, has a low environmental impact as it biodegrades without harmful residues.

## COMPATIBILITY

Zeoverde can be safely used in conjunction with all products that do not disturb beneficial biological interactions in the soil and plant ecosystem.



## PRECAUTIONS

- Inhalation: Minimize dust formation, move to fresh air, seek medical attention if symptoms occur.
- Skin Contact: Wash with soap and water.
- Eye Contact: Rinse immediately with plenty of water, seek medical attention if irritation occurs.
- Ingestion: Not typically hazardous, but seek medical advice if large amounts are swallowed.



**Appearance:**



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Soilneo Lda  
PT517882132  
info@soilneo.com  
+351 218 383 876  
Lisboa - Portugal