

# PETRO

## 443 CaO/MgO

LINE  
BASAL  
FERTILIZERS

1 Calcium and Magnesium together with humic fractions have a structuring effect on the soil

2 Phytostimulates plant metabolism

3 Significantly improves soil fertility

A NEW WAY OF  
BASAL FERTILIZING



special fertilizers  
for a modern  
agriculture

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# PETRO 443

## CaO/MgO



### PRODUCT

Petro 443 CaO/MgO is an organic fertilizer that gives nutrients to plants in a balanced and constant manner over time. The premium raw materials are carefully selected to determine a programmed release of the nutrients, since they are characterized by different net rates of mineralization. Calcium, and Sulphur, together with the humic fractions of Petro 443 CaO/MgO, have a structuring effect on the soil and a “desalinating” and “unlocking” effect towards the nutrients, while the presence of Magnesium improves the crop's photosynthetic efficiency. Furthermore, Petro 443 CaO/MgO is enhanced by the presence of *RyZea*, an exclusive technology that enriches the product with phytostimulating molecules which improves productivity of the crops.

### COMPOSITION

Total Nitrogen (N)	4,0 %	Total Magnesium oxide (MgO)	3,0 %
Organic Nitrogen (N)	4,0 %	Total Sulphur trioxide (SO <sub>3</sub> )	10,0 %
Total Phosphorus pentoxide (P <sub>2</sub> O <sub>5</sub> )	4,0 %	Organic Carbon (C) of biological origin	16,0 %
Total Calcium oxide (CaO)	13,0 %	Organic substance	32,0 %

**Components:** protein hydrolysates with variable mineralization, humified mixture of manure (cattle, poultry), plant cakes, calcium sulfate (gypsum), magnesium sulfate (kieserite), RyZea.

### DOSES AND ADMINISTRATION

Crops	Land application	Dose kg/ha
Fruit trees	At the planting, before the vegetative reawakening or after the harvest	1000-1200
Horticultural	Before sowing/transplanting during the working of the soil	700-1100
Industrial, Cereals	Before sowing/transplanting during the working of the soil	800-1200
IV range crops	Before sowing during the working of the soil	500-700

Aforementioned doses are indicative and may vary in relation to the pedo-climatic characteristics of each zone.

### WARNINGS

The product must be buried, avoiding direct contact with the fertilized plants. Store in cool, dry place and keep away from excessive heat. For the best use of this product, consult the fertilization plans.

### FORMULATION

Pellet/powder

### PELLET DIAMETER

3,5 mm

### HUMIDITY

5 - 6 %

### PACKAGES

25 - 600 kg / Sack, big bag



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### TECHNICAL NOTES



Land application



Agriges exclusive  
production technology



Allowed in  
Organic Farming