

ORGANO-MINERAL FERTILIZER

NPK (Mg-S) 4-8-16 (2-14) with Boron (B) and Iron (Fe)

LOW LEVELS OF CHLORINE

It is an NPK organo-mineral fertilizer with meso (magnesium and sulfur) and microelements (iron and boron) aimed at answering the needs of all crops with removal ratios favourable to potassium; it increases the amount of sugar and enahnces the colour of vines, fruit trees, vegetables, strawberries and is also suitable for olive trees, representing a viable solution in all cases it is necessary to cope with potassium deficiences, whilst avoiding chlorine (thanks to potassium sulphate).

NPK, S and Mg nutritional units and the micro-elements, while reacting with the humic part of the organic matter (humic and fulvic acids and humins) acquire a significant degree of protection, thus allowing for optimal crop yield.

## This allows:

- high and extended nutrient availability for the entire crop cycle;
- reduction of losses due to insolubility, leaching and evaporation;
- **flexibility of the fertilizing cycle** with the option of applying it before the normal period of nutritional use;
- saving of fertilizer used.

The addition of meso and micro-elements can raise important physiological processes:

**SULFUR** ( $SO_3$  14%) contributes by feeding the plants and improving the amino acid metabolism on a cellular level;

**MAGNESIUM** optimizes the photosynthetic cycle and the phosphate metabolism; **BORON** and **IRON**, both chemically bound to the humic part of the organic matrix, show a high stability, in order to improve fruiting, photosynthetic efficiency and production of sugars.



• Packaging: Kg. 25-500

• Shape: Minipellets

• NPK ratio: 1:2:4

Manufactured by



**Unimer S.p.A.** Via Paleocapa, 7 - 20121 Milano

Approval Number: Plant of Vidor: ABP1193UFERT2 Plant of Arquata del Tronto: ABP1177UFERT2



## ORGANO-MINERAL FERTILIZER NPK (Mg-S) 4-8-16 (2-14) with Boron (B) and Iron (Fe) LOW LEVELS OF CHLORINE

COMPOSITION	
N total	4%
N organic	1,5%
N ammoniacal	2,5%
P <sub>2</sub> O <sub>5</sub> total	8%
P <sub>2</sub> O <sub>5</sub> neutral amm. citrate and water soluble	6%
P <sub>2</sub> O <sub>5</sub> water soluble	3,5%
K <sub>2</sub> O water soluble	16%
MgO total	2%
SO <sub>3</sub> water soluble	14%
B total	0,03%
Fe total	0,5%
Organic Carbon (C)	14%
Humic and fulvic Carbon (C)	3,5%

- **Mineral fertilizers**: NP 18-46 (diammonium phosphate), potassium sulphate, phosphatic scraps, potassic scraps.
- Organic components: Dried cattle and horse manure, dried poultry manure, humified peat, green composted soil conditioner.

DOSES BY CROP		
CROP	DOSE Kg/ha	USE
Viticulture and olive trees	400-800	At the end of the harvest and/or end of winter
Fruit trees	600-800	At the end of the harvest and/or end of winter

Horticultural	700-1000	During the last pre-sawing/ transplanting operations	
Melon, watermelon and cucurbits	700-1000	During the last pre-sawing/ transplanting operations	
Strawberry	600-800	During the last pre- transplanting operations	
Beetroot and alfalfa	400-800	During the last pre-sawing operations	
Tobacco	600-800	During the last pre- transplanting operations	
Flower and ornamental crops and recreational lawns	800-1000	At vegetative revival or during the last pre-sawing/ transplanting operations	
Industrial, oil and protein crops	300-500	During the last pre-sawing operations	
Corn and sorghum	300-500	During the last pre-sawing operations	
Wheat, rice and other cereals	500-700	During the last pre-sawing operations	
Defended and discontinuous for individual areas are purely illustrative and are			

Reference guidelines for individual crops are purely illustrative and are changeable, in relation to the needs, the fertility levels and the provisions of various regulations.

For organic and organo-mineral fertilizers it is recommended to place the product slightly underground to enhance the nutritional efficacy.

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