

**SIAPOR**<sup>®</sup>

ORGANO-MINERAL FERTILIZER NPK (Mg-S) 5-12-12 (2-10) with Zinc (Zn) LOW LEVELS OF CHLORINE

An innovative NPK organo-mineral fertilizer, suitable on extensive crops such as wheat, corn, sugar beet, in soils with low potassium level; it is also advisable to meet the prevailing needs of phosphorus and potassium especially for those vegetables requiring the two elements in a balanced ratio.

The product is particularly suitable in young plants nursery: vineyard, fruit trees, citrus, etc., to foster the freeing of the root system and to speed up the start in the early stages of the cycle of herbaceous crops.

NPK, S, Mg and Zn nutritional units, while reacting with the humic part of the organic matter (dried manure, dried poultry manure, humic peat) acquire a significant degree of protection, thus allowing 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 to the fertilizing cycle** with the option of applying it before the normal period of nutritional use;
- saving of fertilizer usage.

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

- **SULFUR** (SO<sub>3</sub> 10%) contributes by feeding the plant with a better amino acid metabolism on a cellular level.
- MAGNESIUM optimizes the photosynthetic cycle and the phosphate metabolism.
- **ZINC** is an active element in many enzyme systems: it encourages the auxin growth, directly affects the nitrogen metabolism and the phosphorus uptake, beneficially fostering crop growth in the early vegetative stages.

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



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



- Packaging: 25-500 Kg
- Shape: Minipellets
- NPK ratio: 1 : 2,4 : 2,4





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## **COMPOSITION**

N total	5%
N organic	1,2%
N ammoniacal	3,8%
P205 total	12%
P205 neutral amm. citrate and water soluble	8%
P205 water soluble	5%
K <sub>2</sub> O water soluble	12%
MgO total	2%
SO3 water soluble	10%
Zn total	0,01%
Organic Carbon (C)	14%
Humic and fulvic Carbon (C)	3,5%

- Mineral fertilizers: NP 18-46 (diammonium phosphate), triple superphosphate, 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
Horticultural	600-800	During the last pre-sawing/ transplanting operations
Melon, watermelon and cucurbits	600-1000	During the last pre-sawing/ transplanting operations

Fruit trees	600-800	At the end of the harvest and/or end of winter
Strawberry	600-800	Pre-transplanting
Viticulture and olive trees	500-700	At the end of the harvest and/or end of winter
Corn and sorghum	500-600	During the last pre-sawing operations
Industrial, oil and protein crops	400-700	During the last pre-sawing operations
Wheat, rice and other cereals	400-600	During the last pre-sawing operations
Beetroot and alfalfa	500-600	During the last pre-sawing operations
Tobacco	600-800	During the last pre-transplanting operations
Flower and ornamental crops and recreational lawns	500-800	At vegetative revival or pre-transplanting

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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