

SIAPOR®

DIABLO^S®

ORGANO-MINERAL FERTILIZER

NPK (Ca-S) 9-12-18 (8-15)

with Boron (B), Iron (Fe) and Zinc (Zn)

LOW LEVELS OF CHLORINE

LARGE AMOUNT
OF
HUMIFIED ORGANIC CARBON
(HUMIC AND FULVIC CARBON)

It is an innovative organo-mineral NPK fertilizer, with meso (calcium, sulfur) and microelements (boron, zinc and iron) suitable for **horticultural** such as **solanacea**, **cucurbits**, **brassicas** and **leaves vegetables**, but also for the **asparagus**, **fruit trees** and **vines** etc. requiring a prevalent source of potassium sulphate, aimed at minimizing salinity and chlorine; it comes along with good amounts of available **phosphorus** and **gradual release nitrogen**, for a balanced development and an efficient ripening of sugars, starch and color.

The presence of **calcium**, **sulfur** and microelements, essential to the setting and the photosynthetic activity, make the product suitable on grapevines and several vegetable crops.

Nutrient units, while reacting with the humified part of organic matter (humic and fulvic acids and humins), acquire a considerable degree of protection thus allowing an optimal agronomic yield.

This allows:

- **high and extended nutrient availability** for the entire crop cycle;
- **reduction of losses** due to insolubility, leaching and evaporation;
- **rationalizing the fertilization technique**, with the option of moving forward from periods of nutritional usage;
- **saving in fertilizer units.**

The added mineral **NITROGEN** is protected and gradually swapped out as being integrated into the humic part of the organic matter.

CALCIUM makes the cell membranes stronger, neutralizes the organic acids and improves the quality of the production.

SULFUR (SO₃ 15%) contributes by feeding the plant with a better amino acid metabolism on a cellular level.

BORON, **IRON** and **ZINC**: the first one improves fruit setting, uptake and transport of calcium, the second one enhances photosynthetic efficiency and production of sugar, the latter affects the metabolism of nitrogen and phosphorus uptake.



- **Packaging:** 25-500 Kg
- **Shape:** Minipellets
- **NPK ratio:** 1 : 1,3 : 2

Manufactured by



Unimer S.p.A.

via F. Turati, 28 - Milano

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

COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 =



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COMPOSITION	
N total	9%
N organic	1%
N ammoniacal	5%
N ureic	3%
P ₂ O ₅ total	12%
P ₂ O ₅ neutral amm. citrate and water soluble	10%
P ₂ O ₅ water soluble	6%
K ₂ O water soluble	18%
CaO total	8%
SO ₃ water soluble	15%
B total	0,03%
Fe total	0,5%
Zn total	0,01%
Organic Carbon (C)	10%
Humic and fulvic Carbon (C)	3%

- **Mineral fertilizers:** Ammonium sulphate, urea, 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
Short-cycle horticultural	300-500	During soil preparation pre-sowing/transplanting
Long-cycle horticultural	500-1000	

Strawberry	600-800	Pre-transplanting
Fruit trees	500-800	Pre-transplanting, at the end of the harvest and/or end of winter
Viticulture and olive trees	400-800	At the end of the harvest and/or end of winter
Tobacco	500-700	During the last pre-sowing operations
Corn and sorghum	300-400	During the last pre-sowing operations
Wheat, rice and other cereals	200-400	During the last pre-sowing operations
Industrial, oil and protein crops	200-300	During the last pre-sowing operations
Beetroot and alfalfa	200-400	During the last pre-sowing operations or at the end of winter
Flower and ornamental crops and recreational lawns	500-1000	At vegetative revival or pre-sowing/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.