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

SIAPOR®
DIABLOS®

ORGANO-MINERAL FERTILIZER
NPK (Ca-S) 9-12-18 (8-15)
with Boron (B), Iron (Fe) and Zinc (Zn)
LOW LEVELS OF CHLORINE

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 (SO_3 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 1969

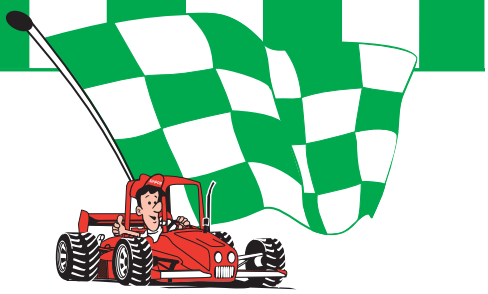
Unimer S.p.A.
Via Paleocapa, 7 - 20121 Milano

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

COMPANY WITH SYSTEM CERTIFIED BY DNV • ISO 9001

SIAPOR®

DIABLO S®



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COMPOSITION	
N total	9%
N organic	1%
N ammoniacal	5%
N ureic	3%
P_2O_5 total	12%
P_2O_5 neutral amm. citrate and water soluble	10%
P_2O_5 water soluble	6%
K_2O 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-sawing/ 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-sawing operations
Corn and sorghum	**300-400**	During the last pre-sawing operations
Wheat, rice and other cereals	**200-400**	During the last pre-sawing operations
Industrial, oil and protein crops	**200-300**	During the last pre-sawing operations
Beetroot and alfalfa	**200-400**	During the last pre-sawing operations or at the end of winter
Flower and ornamental crops and recreational lawns	**500-1000**	At vegetative revival or pre-sawing/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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