

SIAPOR[®]
TURBO[®] S

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

ORGANO-MINERAL FERTILIZER
NPK (Mg-S) 9-18-12 (2-11) with Boron (B), Iron (Fe) e Zinc (Zn)
LOW LEVELS OF CHLORINE

TURBO S is an organo-mineral NPK fertilizer with meso and micronutrients, featuring a complete nutritional profile. It is particularly recommended for fertilizing vegetable crops, especially **solanaceae**, **cucurbitaceae**, **brassicaceae**, and **leafy vegetables** grown in soils that are low in phosphorus and rich in potassium. It can also be used for asparagus planting, as well as for **fruit trees and vineyards** when it is necessary to establish an adequate phosphorus reserve for the crops.

It contains a good level of available **phosphorus**, **potassium from sulfate**, and **slow-release nitrogen**, ensuring balanced vegetative growth and high-quality production with superior organoleptic characteristics.

The nutrients, by reacting with the humified fraction of the organic matter, derived from high-quality dried manure, gain significant protection and are gradually and steadily released, allowing for optimal agronomic efficiency of fertilization. The organic matter also supports microbial activity in the rhizosphere, positively influencing nutrient availability.

Thanks to its high **nutrient efficiency**, **TURBO S** enables a more rational fertilization strategy and improves **environmental sustainability** through the reduced use of fertilizing units.

The nutritional profile is enhanced by the presence of meso and micronutrients:

- **magnesium**, a fundamental component of chlorophyll, contributes to optimal photosynthesis.

- **sulfur** improves amino acid metabolism at the cellular level, increasing protein synthesis.

- **boron** enhances fruit set, as well as the absorption and transport of calcium and sugars from the leaves to the storage organs (fruits, tubers, roots).

- **iron** plays a key role in numerous enzymatic activities, improving photosynthetic efficiency and overall plant metabolism.

- **zinc** positively affects nitrogen metabolism and phosphorus uptake, and it is essential for the plant's regular hormone synthesis.



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

Manufactured by



Unimer S.p.A.

Via Paleocapa, 7 - 20121 Milano

Approval Number:
Plant of Vidor:
ABP1193UFERT2 – ABP11930FSIPP2
Plant of Arquata del Tronto:
ABP1177UFERT2

COMPANY WITH
SYSTEM CERTIFIED
BY DNV • ISO 9001



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COMPOSITION	
N totale	9%
N organic	1,5%
N ammoniacal	6,5%
N ureic	1%
P ₂ O ₅ totale	18%
P ₂ O ₅ neutral amm. citrate and water soluble	16%
P ₂ O ₅ water soluble	8%
K ₂ O water soluble	12%
MgO total	2%
SO ₃ water soluble	11%
B totale	0,03%
Fe total	0,5%
Zn total	0,01%
Organic Carbon (C)	10%
Humic and fulvic Carbon (C)	3%

- **Mineral fertilizers:** NP 18-46 (diammonium phosphate), potassium sulphate, urea.
- **Organic components:** NP organic fertilizers blend, 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
Herbaceous crops	100-300	Localized application at 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.

Unimer reserves the right to make any changes to the formulations.