



MICROSOL KOMPOST®

**BLEND OF NP ORGANIC FERTILIZERS
(MG-S) (7-15)**

WITH BORON (B), IRON (Fe), MANGANESE (Mn) AND ZINC (Zn)

FOR CERTIFIED ORGANIC FARMING

MICROSOL KOMPOST is a blend of NP organic fertilizers with the most important meso and micro elements (**Fe, Mg, B, Mn, S, Zn**), essential for life processes and enzyme systems of the plants, in the form of especially soluble salts, naturally bound to ripe organic matrices. It addresses deficiencies that arise and prevents hidden ones, promoting the optimal physiological activity of plants; it is suitable for all crops requiring boron, iron, manganese, zinc and often subject to magnesium deficiency: **grape, citrus, fruit, tobacco, flowers, ornamental plants**. The high amount of **humified organic carbon** allows a proven natural protection of micro and mesoelements thanks to the formation of bounds with the humates, water-insoluble ones, therefore available over time for the plant, in accordance with its nutritional needs.

MAGNESIUM, essential for photosynthesis, plays an important storage function in the seeds and in the early stages of life or in the startup process of plants. It intervenes in the synthesis of proteins and glutamic acid.

SULPHUR, essential for the maintenance of the cell structure, joins in the creation of sulfur amino acids. **BORON** improves the fruit setting by acting on pollen germination and by stretching those pollen tubules which fertilize the ovary. It regulates the metabolism of sugars and carbohydrates, facilitating their transfer into the organs which make use of them.

IRON acts on chlorophyll synthesis, enhances the activity of the enzyme systems based on processes of oxide reduction. **MANGANESE** oxidative enzyme enhancer to develop auxins, intervenes in the biochemical processes of photosynthesis and respiration; it improves the storability of tubers and roots. **ZINC** adjusts the level of auxin and is involved in nitrogen metabolism. It takes part in respiratory processes, in the production of sugar and starch. It improves the absorption and transfer of phosphorus.

MICROSOL KOMPOST, while ensuring effective support for the development of the root system permits efficient exchanges between the latter and the circulating solution.



Packaging: kg 25-500

Shape: Minipellets

Plants of UNIMER S.p.A.

Via Salaria, Km. 145
63096 ARQUATA DEL TRONTO (AP)
Approval Number
ABP 1177UFERT2

Via Roma, 120
31020 VIDOR (TV)
Approval Number
ABP 1193UFERT2

Manufactured by



Unimer S.p.A. - Via Paleocapa, 7 - 20121 Milano
COMPANY WITH SYSTEM CERTIFIED BY DNV
ISO 9001





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COMPOSITION	
N organic	3%
P ₂ O ₅ total	3%
MgO water soluble	7%
SO ₃ Total	15%
B total	0,9%
Fe total	2%
Mn total	3,2%
Zn total	0,08%
Organic Carbon (C)	14%

FOR CERTIFIED ORGANIC FARMING

- **Raw materials:** Dried poultry manure not from factory farming, meat meal, bones meal, kieserite of natural origin, sodium borate, carbonated and sulphate iron salts, sulphate manganese salt, sulphate zinc salt.

Produced solely from the organic nitrogen fertilizers “allowed in organic farming.”

DOSES BY CROP		
CROP	DOSE Kg/ha	USE
Fruit trees	150-200	At the end of the harvest and/or at the end of winter
Viticulture and olive trees	150-250	At the end of the harvest and/or at the end of winter
Horticultural	150-250	During the last pre-sawing/transplanting operations
Strawberry	150-250	Pre-transplanting
Flower and ornamental crops and recreational lawns	150-250	At vegetative revival or pre-transplanting
Tobacco	150-200	During the last pre-transplanting operations
Industrial, oil and protein crops	100-200	During the last pre-sawing operations
Beetroot and alfalfa	150-250	During the last pre-sawing operations
Corn and sorghum	100-200	During the last pre-sawing operations
Wheat, rice and other cereals	100-150	During the last pre-sawing operations

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.