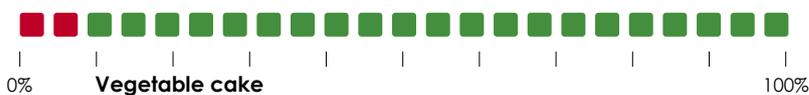




OROSOIL®

Mycelium inoculum.
trichoderma and ground
rhizosphere



PACKAGING: BAG kg 25 on kg 1500 pallet
BIG BAGS kg 500
BULK

**DOES NOT CONTAIN SUBSTANCES
AND
MATERIALS OF ANIMAL ORIGIN**

OROSOIL® / Features:

OROSOIL® formulated with organic vegetable matrices, subjected to a fermentation process to ensure humification and the absence of any weeds. The final phase includes inoculated mycorrhizae (*Glomus Intracaradicens*) + a selected pool of microorganisms, including the ever-present *Trichoderma* spp (*Harzianum*).

The inoculants are left to rest and multiply within the mother masses and then transferred to larger masses, thus multiplying the microorganisms and their enzymatic activities, which will then be transferred to the soil pre-processing. The ultimate goal is to create an optimal condition to increase biological activity in the rhizosphere and a more developed and efficient root system.

Soil needs interventive action in order to maintain and if possible, improve its fertility over time: this will allow crops to give abundant, high quality harvests.

Therefore, attention should be paid not only to plant nutrition in the strictest sense, but also to the preservation of soil, whose problems with fertility include:

- lack of organic substance
- excessive oxidation on the surface
- poor biological activity
- compaction



Melon culture in tunnels fertilized with OROSOIL®



Greenhouse vegetables crops in greenhouses fertilized with OROSOIL®

OROSOIL® is recommended for soils whose biological activity has been revitalized:

- soil having been broken for tree planting
- soil suffering from "exhaustion" due to a succession of monocultures
- land subjected to early horticultural, medium-long, 50 to 90 day cycle transplanting
- land needing integrated grassland management due to mowing/coverage or mowing/silage (orchards; vineyards).



OROSOIL® pelleted

AVERAGE CONTENT ON THE SUBSTANCE AS SUCH

Mixed composted soil improver	98,8%
Mycorrhiza content (2x10 ⁴ CFU/kg)	0,2%
Rhizosphere bacteria (CFU/g)	300,000
Trichoderma spp. (harzianum) (1x10 ¹¹ CFU/kg)	1%
Humidity (H ₂ O)	12-15%
Organic substance	50-54% s.s.

Organic Carbonate (C)	25-27% s.s
Humic/Fluval Carbon	7% s.s.
Total nitrogen (N)	2,1% s.s.
Organic nitrogen (N)	2,1% s.s.
pH	7,5
C/N	11,9
Specific weight	0,6-0,7 kg/l

MICROORGANISMS

(expressed in CFU/g, Colony-Forming Units per g of product)

Total aerobic bacterial content	300,000
Total anaerobic bacterial content	200,000
Escherichia Coli	< 10 CFU/g
Salmonella, Clostridia, Streptococci	ABSENT

MICROELEMENTS

Boron (B)	20 mg/kg
Magnesium Oxide (MgO)	1%

DOSES AND METHODS OF USE

AUTUMN CEREALS WINTER RICE CROPS:

Open-field distribution equal to 2 tons/ha and subsequent mixing-in to max 25 cm deep: the most suitable time may be the autumn pre-sowing phase (for wheat, barley, oats, spelt, and similar crops) and February/March on pre-ploughing straw beds for rice.



HORTICULTURAL CROPS:

Open-field distribution equal to 2 tons/ha and subsequent mixing-in max 25 cm deep: the most suitable time is when the soil is being prepared, after ploughing and before the final soil-preparation phase, during pre-transplantation or sowing. It can also be distributed in bands of 50 - 60 cm width, equal to 1 ton/ha for medium-long cycle horticultural crops, or about 200 kg per 1000 m² in a tunnel, greenhouse environment.



TREE CROPS:

Distribution equal to 2 tons/ha in open-field for orchards, vineyards, citrus groves, olive groves; in the case of "grassing" we recommended adding **OROSOIL®** in February before the turf starts to shoot, if it is to be mown or used as silage.



TREE PLANTATIONS:

Distribution of 40 - 60 g/hole (depending on size), mixed into the soil.

PREPARATION OF TOPSOILS/SUBSTRATES:

Mix in at a 15 - 20% ratio of **OROSOIL®** to the soil in use, leave to rest for a few hours and proceed to replanting.

OROSOIL® stands out as a solution for all horticultural supply chains to vegetarian and vegan food markets.

The crops indicated are representative of each category; **OROSOIL®** can be used for numerous other types by employing the same method.

Product should not be in contact with plant's roots. The product is for professional use only. **Keep out of reach of children and animals**



The analytical data written on packaging follow the instruction of the regulation in force. All data included in this publication are indicative. FOMET reserves the right to change them without prior notice.



Impianto riconosciuto al sensi del Reg.CE 1069/09 n. ABP1029UFERT2 n. ABP1029UFERT3



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