GRAND FERTÌ®
GRAND FERTÌ® BIO

BIOPROMOTORS OF GROWTH OF ROOT AND VEGETATIVE DEVELOPMENT

PROVEN EXCLUSIVE KNOW-HOW EFFECTIVENESS

Approved by ECOCERT INPUTS

Allowed in Organic Farming

Grand Fertì Bio is allowed in Organic Farming

STRENGTHS

- **STIMULATE THE DEVELOPMENT OF THE ROOT SYSTEM** (IDEAL FIRST APPLICATION POST-TRANSPLANT)
- PROMOTE BALANCED **VEGETATIVE DEVELOPMENT** AND **FLOWER RETENTION**
- PROMOTE **FRUIT FILLING** AND UNIFORMITY OF SIZE
- IMPROVE THE **UPTAKE OF FERTIGANTS** AND ENHANCE THE AVAILABILITY OF PHOSPHORUS, MESO- AND MICRO-NUTRIENTS LOCKED UP IN THE SOIL
- REDUCE **SOIL FATIGUE**
- IMPROVE THE CATION EXCHANGE CAPACITY **(CEC)** OF THE SOIL

PACKAGE

Jerrycans 5L (4x5)
Jerrycans 20L
Tank 1000L

GRAND FERTÌ, GRAND FERTÌ 4 AND GRAND FERTÌ BIO FEATURES

GRAND FERTÌ is a product of FERTENIA research obtained by skilfully mixing plant extracts **(protein hydrolysates from plant extraction) with humic and fulvic acids, vitamins and trace elements in chelated form** (GRAND FERTÌ).

The product thus obtained is rich in soluble humates that favour the absorption of the mineral elements present or brought into the soil, **stimulate root growth and improve the cation exchange (CEC)** of the soil.
It also contains plant-derived **polysaccharides and saponins** that reduce soil compaction, promote the availability of water and act as natural carriers; organic acids, soluble algae, trimethylglycine.
It is enriched with vegetable amino acids and alkaloid substances that **harmoniously stimulate plant development and fructification** Crops activated with **GRAND FERTÌ** show a significant increase in fruit size and a **more balanced growth**

GRAND FERTÌ BIO is made by expertly mixing organic nitrogen with micro-nutrients in chelated form. Regular use provides a balanced concentration of chelated micro-nutrients, in a well-balanced ratio to each other and according to the specific needs of wine, fruit, greenhouse, open field and flower crops.

THE EXPERT ADVISES

It is recommended to apply **GRAND FERTÌ** 10-20 days **after transplanting** and at the setting of each fruit branch at a dosage of 1.5-2.0 l/ 1000m^2

DOSES AND METHODS OF USE

CROPS	FERTIGATION
Horticultural and industrial field crops	5-20 days after transplantation: 2.0-4.0 l/1000 m² Post-setting 1st fruit branch: 2.0-3.0 l/1000 m²
Horticultural and floricultural crops in greenhouses	15-20 days after transplantation: 1.5-3.5 l/1000 m² Post-setting 1st fruit branch: 2.0-3.0 l/1000 m²
Fruit crops (pome and stone fruit) **Tropical crops** (banana, mango, pineapple...)	Start of flowering: 20-30 l/ha Post-setting: 20-30 l/ha
Table grapes	Start of flowering: 20-25 l/ha Cluster elongation: 20-30 l/ha
Kiwi - Citrus - Olive	Start of flowering: 20-25 l/ha Fruit growth: 20-30 l/ha
Leafy-cut vegetables, Fresh-cut leaf, baby leaf **Aromatic crops**	8-10 days after transplantation: 1.5 - 2.5 l/1000 m² post-sowing (start of growth): 1.5 - 2.5 l/1000 m²
Forestry - turfgrass - Plants in nurseries **Leguminous plants**	3,0 - 4,0 l/1000 m²
Potted plants	3.0 - 4.0 l/ m³ water: repotting, budding, stem extension

GRAND FERTÌ COMPOSITION

Amino acid complex	6,1%
Soluble humates	18,0%
Brown Algae Extract (*Ascophyllum nodosum*)	4,0%
Organic acids (gluconic acid, maleic acid, tartaric acid)	2,0%
Vitamin complex (folic acid, vit. B1 - B6)	0,30%
Iron (Fe) chelated with EDTA	0,12%
Manganese (Mn) chelated with EDTA	0,03%
Zinc (Zn) chelated with EDTA	0,03%

PH range ensuring good stability of the chelated fraction: 4-9

CHEMICAL-PHYSICAL PROPERTIES

Formulation: **liquid**
Density: **1,160**
pH (sol.1%): **8.5 ± 1**
Conductivity (1‰) mS/cm 18°: **0.30**

GRAND FERTÌ BIO COMPOSITION

Organic nitrogen (N)	3,5%
Soluble organic nitrogen (N)	3,5%
Organic carbon (C)	11,3%
Water-soluble iron (Fe)	0,3%
Iron (Fe) chelated EDTA	0,3%
Water-soluble manganese (Mn)	0,1%
Manganese (Mn) chelate EDTA	0,1%
Water-soluble zinc (Zn)	0,1%
Zinc (Zn) chelate EDTA	0,1%

PH range ensuring good stability of the chelated fraction: 4-9

CHEMICAL-PHYSICAL PROPERTIES

Formulation: **liquid**
Density: **1,160**
pH (sol.1%): **6.0 ± 1**
Conductivity (1‰) mS/cm 18°: **0.20**

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