



GRAND FERTÌ®

GRAND FERTÌ® 4

GRAND FERTÌ® BIO

BIOPROMOTORS OF GROWTH OF ROOT AND VEGETATIVE DEVELOPMENT



- 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



Grand Ferti Bio and Grand Ferti 4 are allowed in Organic Farming



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 4 is a product of FERTENIA research obtained by expertly mixing organic nitrogen matrices with brown algae and microelements in chelated form.

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/ 1000m²

DOSES AND METHODS OF USE



CROPS	FERTIGATION
Horticultural and industrial field crops	10-20 days after transplantation: 2.0-4.0 l/1000 m ² Post-setting 1st fruit branch: 2.0-3.0 l/1000 m ²
Horticultural and floricultural crops in greenhouses	10-20 days after transplantation: 1.5-3.5 l/1000 m ² Post-setting 1st fruit branch: 2.0-3.0 l/1000 m ²
Fruit crops (pome and stone fruit) Tropical crops (banana, mango, pineapple...)	Start of flowering: 20-25 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 m ² post-sowing (start of growth): 1.5 - 2.5 l/1000 m ²
Forestry - turfgrass - Plants in nurseries Leguminous plants	2,0 - 3,0 l/1000 m ²
Potted plants	3.0 - 4.0 l/ m ³ water: repotting, budding, stem extension

GRAND FERTÌ COMPOSITION

Amino acid complex	6,1%
Soluble humates	18,0%
Brown Algae Extract (<i>Ascophyllum nodosum</i>)	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 4 COMPOSITION



Organic nitrogen (N)	1,0%
Water-soluble iron (Fe)	0,12%
Iron (Fe) chelated with EDTA	0,12%
Water-soluble manganese (Mn)	0,03%
Manganese (Mn) chelated with EDTA	0,03%
Water-soluble zinc (Zn)	0,03%
Zinc (Zn) chelate EDTA	0,03%
Organic carbon (C) of biological origin	10,0%
pH	7,1 ± 1
Organic substance with a nominal molecular weight <50 kDa:	30,0%

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



CHEMICAL-PHYSICAL PROPERTIES

Formulation: **liquid**
Density: **1,160**
pH (sol.1%): **7.1 ± 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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