

FERTILHUMUS®

IT DOES NOT
CONTAIN
WASTE-
DERIVED
COMPOST

GUARANTEE
OF
POLLUTANTS
ABSENCE

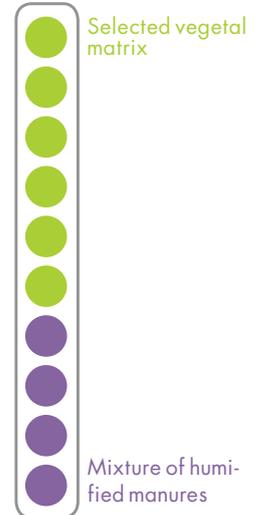
PRODUCTS AND
BY-PRODUCTS OF
VEGETAL ORIGIN FOR
THE FERTILIZATION

PERMITTED IN
BIO
AGRICULTURE

**OGM
FREE**



COMPOSITION



PACKAGING:

- 25 kg bag on a 1500 kg pallet
- 500kg big bags
- Bulk

CHARACTERISTICS:

FERTILHUMUS® cylindrical-shaped homogeneous pellet, with an average diameter of 3-4mm and an average length of 5-7mm.

It is obtained from the mixture and stabilization of vegetal material and manure.

The production cycle lasts about 6 months, in order to obtain a matrix that is balanced with the soil (no further fermentations, no mold formation, no ammoniacal exhalations).

FERTILHUMUS®, compared to several soil improvers present on the market, comes as dry, with a pellet that is easily spread, and it puts together the quality of the manure matrix with the ligno-cellulosic "structure" of the vegetal matrix.

An important distinctive feature in comparison with several soil improvers present on the market is the complete exclusion of organic matrixes coming from types of sludges (industrial ones or sludges from purification plants), of waste (RSU), of mowing and pruning.

During its formulation, it does not undergo processes of artificial exsiccation (with the use of ovens or warm air).

It does not contain pathogenic elements for humans, animals and vegetal (NO *Escherichia Coli*, salmonella, clostridia, streptococcus). It guarantees all hygienic-sanitary conditions

required by the current legislation.

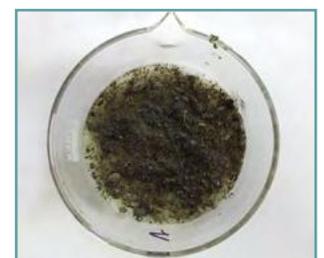
Within an established periodicity, several germination tests are performed with seeds of herbaceous crops + usage of **FERTILHUMUS®** in order to verify its complete stability (no ammoniacal exhalations). In this way, the product is subject to the propagator alone, to verify the presence of potential "infesting seeds".

It is a fertilizer whose usage is recommended for all crops; it is suggested during soil renewals before ploughing, in situations of backfill terrains which need to be improved, in the case of new arboreal implants or planting, during the preparation of greenhouses or in open field for horticultural crops. It can also be used in a mixture of soil with peat and inert porous elements (clay, lapilli, zeolites).

FERTILHUMUS® quantities work as a function of the whole fertilization plan. Particularly, it is recommended as an organic base to "convey" in the best way the subsequent mineral fertilization. The product can be mixed with other organic Nitrogen fertilizers or pelleted correctives.



Preparation of germination bed to verify the compatibility



FERTILHUMUS® addition and incubation for several hours



AVERAGE CONTENTS

(according to the current legislation, the amounts for the soil improvers are expressed in % on dry matter)

Humidity	12 - 15%
Humified organic matter	43 - 45%
Organic Carbon (C)	25 - 26%
pH	7,5 - 8
Total Nitrogen (N)	2,4 - 2,6%
Total organic Nitrogen (N)	2 - 2,2%
Phosphorus pentoxide (P ₂ O ₅)	1 - 1,5%
Potassium oxide (K ₂ O)	1 - 1,5%
Humic acids + Fulvic acids	7%
Salinity	6,3 dS/m
Specific weight	11



MICROORGANISMS

(expressed in UFC/g, Units Forming Colonies for gram of product)

Total aerobic bacteria load	1.980.000.000
Total anaerobic bacteria load	1.505.000.000
Salmonella, clostridia, streptococcus, Escherichia Coli	ABSENT



MICROELEMENTS

Boron (B)	25 mg/kg
Total Copper (Cu)	130 mg/kg

Specific weight	0,5 - 0,6 kg/l
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APPLICATION PERIOD

FERTILHUMUS® represents a universal product, which can be used in the stage of soil preparation for all crops and situations in which the soil needs an organic soil improver. For this reason, the ideal moments to perform the distribution are:

- before ploughing: in order to restore biological vitality to the soil (above all in backfill terrains and/or terrains rich in limestone)
- before arboreal plant: at the soil ropture; avoid putting the roots in contact with the product (which has to be pre-mixed with peaty loam or soil). Then irrigate.
- during soil preparation before seeding or before transplant, as regards to horticultural crops: it would be a good agronomic rule to prepare product distribution 20 days earlier, with burial at 5 - 10 cm + irrigation, in order to activate its action.

DOSES AND MODALITIES OF USE IN ton/ha

EXTENSIVE CROPS:

Wheat/barley, other winter cereals	1,5 - 1,8
Rice	1,8 - 2,0
Corn	2,5 - 3,0
Soy, sunflower, rapeseed, other oilseed crops	1,3 - 1,5
Beetroot	1,8 - 2,0
Tobacco	1,8 - 2,0
Forage crops	1,5 - 1,8

HORTICULTURAL CROPS:

Horticultural crops in open field	1,5 - 1,8
Horticultural crops in greenhouses	120 - 150 kg for 1000 m ²
Horticultural crops in greenhouses (baby leaf)	100 - 200 kg for 1000 m ²

ARBOREAL CROPS:

Orchards/citrus orchards (young crops, after a year)	kg 1,5 / plant
Orchards/citrus orchards (plants in production)	kg 4 - 5 / plant

Vineyards (young crops, after a year)	kg 1,5 / plant
Vineyards (plants in production)	kg 4 - 5 / plant
Orchards/citrus orchards (young crops, after a year)	kg 1,5 / plant
Olive groves (young crops, after a year)	kg 1,5 / plant
Olive groves (plants in production)	kg 5 - 10 / plant

Turfs	g 300 - 500 / m ²
Golf courses/sports fields	g 300 - 500 / m ²
Aromatic and pharmaceutical crops	120 - 180 kg per 1000 m ²
Flower crops	130 - 150 kg per 1000 m ²

SOIL PREPARATION

25 kg of **FERTILHUMUS®** for m³ of loose soil, peat or soil that has already been preconceived but not fertilized (it can also contain inert material which confers porosity).

N.B. Mentioned crops are representative of each category; **FERTILHUMUS®** finds application for several other crops with the same modalities of use.

Abovementioned doses have indicative value and can vary in relation to pedoclimatic characteristics of each area (fertility: chemical, physical and biological; rainfall and temperature).

Keep in a sheltered dry place.



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. DELTA srl reserves the right to change them without prior notice.



Properly dispose of packaging.
Only for professional use.

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