

Organic Soil Amendment

FERBIO®

Product

FERBIO is produced through controlled aerobic digestion (composting) of the organic fraction of green waste, by products from mechanical food processing, and sewage sludge.

Description

Class I - Heavy metal content less than or equal to the maximum permissible values for this classification.

Application Rates - Do not apply more than 50 tons/ha per year. (It is permissible to apply double, triple, quadruple, or quintuple this amount, provided that the application frequency is, respectively, equal to or greater than every 2, 3, 4, or 5 years.)

Usage

- FERBIO is compatible with all types of crops;
- It is recommended to consult agricultural specialists to ensure proper dosage;
- Soil analysis should be performed before using FERBIO;
- FERBIO application can be done before plating without requiring a quarantine period, directly on the crop, or in pots.



More Information

FERBIO should be stored in a dry place.

Presentation: powder.

Expiration date: 1 year from the date of purchase.

Safety Standards

An appropriate mask should be used in areas with high levels of airborne dust.

Grazing or the use of crops as forage should not be allowed for at least 21 days after application.

Declared Content

Parameter	Unit	Value
Physicochemical parameters		
pH	-	8,3
Organic matter	%	33,2
Moisture	%	32,8
Maturation level	-	V
Total Carbon	%	19,2
Total nitrogen (N)	%	1,71
C/N	-	14,3
Conductivity	ms/cm	2,6
Phosphorus (P2O5)	%	1,66
Potassium (K2O)	%	1,61
Magnesium (MgO)	%	0,96
Sulfur (S)	%	1,68
Calcium (CaO)	%	23,9
Boron (B)	mg/kg	59,3
Chromium (Cr)	mg/kg	36,7
Cadmium (Cd)	mg/kg	0,55
Copper (Cu)	mg/kg	66,20
Nickel (Ni)	mg/kg	15,4
Lead (Pb)	mg/kg	27,05
Zinc (Zn)	mg/kg	178
Mercury (Hg)	mg/kg	0,15
Bulk density, fresh	g/L	958
Impurities (anthropogenic materials)	%	<0,03
Granulometry <25mm (square mesh)	%	100
Stones > 5mm	%	<0,79
Seeds and vegetative propagules	unid/L	0
Phytotoxicity [Germination Index]	%	100
Microbiological parameters		
Salmonella spp.	/25 g	Ausente
Escherichia coli	U.F.C / g	<10
Organic compound parameters		
AOX (Adsorbable organic halides)	mg/kg	69
LAS (Linear alkylbenzene sulphonates)	mg/kg	60
DEHP [Diethylhexylphthalate]	mg/kg	<10
NPE (Nonylphenols and nonylphenol ethoxylates)	mg/kg	<0,1
PAH (Polycyclic aromatic hydrocarbons)	mg/kg	0,08
PCB (Polychlorinated biphenyls)	mg/kg	<0,01
PCDD (Polychlorinated dibenzodioxins)	mg/kg	12
PCDF (Polychlorinated dibenzofurans)	mg/kg	12
The data refer to the mean and standard deviation of six independent analyses conducted on FERBIO.		

Responsible for placing the product on the market:

COMPONATURA, LDA

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Registration in the non-harmonised fertilisers materials Register – DGAE Registration N.º 409/2020

The solution that brings your soil to life.