

TECHNICAL DATA SHEET

ORGANIC NPK FERTILIZER

**SIFORGA
BIO 10-1-3**

- SIFORGA BIO 10-1-3
- Product is made of animal and vegetal raw materials
- 100% natural, no chemical or other additives
- High percentage of stable organic matter
- Free from pathogens and weed seeds
- Low in chlorine
- Produced in conformity with 1069/2009/EEC
- Allowed to be used for ecological growing (EU 834/2007, 889/2008)

Average Analysis

% on total product

Dry matter	90
Organic matter (loss on ignition at 550 °C)	80

Main elements

% on total product

Nitrogen (N) total	10.0
- Nitrogen (N) organic	9.5
- Nitrogen (N) ammonium	0.5
Phosphate (P ₂ O ₅) total	1.0
- Phosphate water-soluble	
- Phosphate soluble in neutral ammonium citrate	
Potassium (K ₂ O)	3.0
Magnesium (MgO) total	0.5
Sulphur (S) total	1.5
Calcium (CaO)	



Trace elements

mg/kg dry matter

Iron (Fe)	5700
Manganese (Mn)	80
Boron (B)	12
Molybdenum (Mo)	<1.5
Cobalt (Co)	<1.0

Heavy metals

mg/kg dry matter

Arsenic (As)	<3.0
Cadmium (Cd)	0.3
Chromium (Cr)	35
Copper (Cu)	20
Quicksilver (Hg)	<0.1
Nickel (Ni)	4.0
Lead (Pb)	<5.0
Zinc (Zn)	170

Other characteristics

pH (water) appr.	appr. 5.5
C/N appr.	appr. 4.0

Physical data

Appearance	Granule
Granule size	1-3 mm
Bulk density	700-800 [kg/m ³]

Due to the natural origin of the raw materials of this fertilizer analysis may vary.



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