

TECHNICAL DATA SHEET

ORGANIC NPK FERTILIZER

SIFORGA
4-3-8

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- 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

Average Analysis

% on total product

Dry matter	90
Organic matter (loss on ignition at 550 °C)	60

Main elements

% on total product

Nitrogen (N) total	4.0
- Nitrogen (N) organic	3.6
- Nitrogen (N) ammonium	0.4
Phosphate (P ₂ O ₅) total	3.0
- Phosphate water-soluble	1.3
- Phosphate soluble in neutral ammonium citrate	1.7
Potassium (K ₂ O)	8.0
Magnesium (MgO) total	1.0
Sulphur (S) total	2.4
Calcium (CaO)	

Trace elements

mg/kg dry matter

Iron (Fe)	1200
Manganese (Mn)	400
Boron (B)	25
Molybdenum (Mo)	1.5
Cobalt (Co)	1.0

Heavy metals

mg/kg dry matter

Arsenic (As)	<3.0
Cadmium (Cd)	0.2
Chromium (Cr)	11
Copper (Cu)	60
Quicksilver (Hg)	<0.05
Nickel (Ni)	7.0
Lead (Pb)	< 5.0
Zinc (Zn)	280

Other characteristics

Sodium (Na ₂ O)	0.5 [% on total product]
Chlorine (Cl)	0.5 [% on total product]
EC	16 (mS /cm)
pH (water) appr.	appr. 7.0
C/N appr.	appr. 9.0

Physical data

Appearance	Granule
Granule size	1-2 mm / 2-5 mm
Bulk density	700-850 [kg/m ³]

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



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