



MONTERRA Substrate V 4.5-2.5-8

Technical Data Sheet

Product description

- Enriched organic fertilizer; NPK 4.5-2.5-8 + 4 CaO
- Product is made of 100% vegetal material only
- 100% natural, no chemical or other additives
- High percentage of stable organic matter
- Free from pathogens and weed seeds
- Low in chlorine
- Allowed to be used in organic agriculture (EU 2021/1165 and EU 2018/848)



Average Analysis

% on total product

Dry matter	90
Organic matter (loss on ignition at 550 °C)	65

Main Elements

% on total product

Nitrogen (N) total	4.5
- Nitrogen (N) organic	4.0
- Nitrogen (N) ammonium	0.5
Phosphate (P ₂ O ₅) total	2.5
Potassium (K ₂ O) total	8.0
Magnesium (MgO) total	0.8
Sulphur (SO ₃) total	0.6
Calcium (CaO) total	4.0

Trace Elements and heavy metals

mg/kg dry matter

Arsenic (As)	<3.0
Cadmium (Cd)	1.0
Chromium (Cr)	<10
Copper (Cu)	35
Iron (Fe)	400
Lead (Pb)	<5.0
Mercury (Hg)	<0.1
Nickel (Ni)	<5.0
Zinc (Zn)	130

Physical data

Appearance	Crumb
Size	1-3 mm
Bulk density	650-750 [kg/m ³]

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