



MONTERRA Substrate 10-4-4

Product Sheet

Product description

- Enriched organic fertilizer; NPK 10-4-4 + 4 CaO (PFC1AI)
- Product is made of animal and vegetable 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 in organic agriculture (EU 2021/1165 and EU 2018/848)



Advantages

- Ideal for N-demanding plants like perennials and leafy greens and plants in their vegetative stage
- Supplying essential nutrients to organic and peat reduced substrates
- Dust-reduced micro crumb texture to support a good and regular distribution in the substrate

Average composition

	% on total product
Dry matter	90
Organic matter (loss on ignition at 550 °C)	70
C/N ratio	4

Main Elements	% on total product
Nitrogen (N) total	10.0
- Nitrogen (N) organic	9.6
- Nitrogen (N) ammonium	0.4
Phosphate (P ₂ O ₅) total	4.0
Potassium (K ₂ O) total	4.0
Magnesium (MgO) total	0.3
Sulphur (SO ₃) total	0.6
Calcium (CaO) total	5.0

Physical data

Appearance	Crumb
Size	1-3 mm
Bulk density	600-700 [kg/m ³]

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

Dosage recommendations

Depending on the plant cultivars, the production technique and the composition of the substrate, MONTERRA Substrate 10-4-4 should be incorporated at a rate of 3 to 5 kg per m³ in the potting mix.

For tailor-made advice, please contact MeMon or the local consultant.

General application advice

- The fertilizer can easily be applied by simple mechanical devices as well as any advanced dosage system in modern substrate production.
- The fertilizer can also be added by the grower directly before potting, provided the fertilizer is distributed evenly.
- MONTERRA Substrate is suitable for all types of substrates, but is particularly suited to substrates containing a proportion of composted green waste or composted bark, as the micro-organisms present help convert the organic nutrient components into a soluble form.
- Extremes in the temperature and water content of the substrate may limit the supply of nutrients due to reduced microbial activity.
- This fertilizer can be combined with other fertilizers for special purposes.

Storage conditions

- Store in a dark, cool but frost-free and dry place
- Keep away from water and moisture
- Do not store together with food products
- Shelf life is minimal three years after the production date and can be longer when stored correctly

Safety and environment

- Not intended for ingestion. Wash hands after use. Don't breath in dust
- In case of an accident or if you feel unwell, seek medical advice
- Keep away from children and pets