



# MONTERRA PLANT-BASED 3-1-3

## Product Sheet

### Product description

- Basic organic fertilizer; NPK 3-1-3 + 0.8CaO (PFC1(A)(I))
- Product is made of 100% 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
- Allowed to be used in organic agriculture (EU 2021/1165 and EU 2018/848)



### Advantages

- Well balanced NPK with high calcium content
- Vegetal raw materials ensure long mineralisation period
- Efficient use of minerals and reduces leaching

### Average composition

	% on total product
Dry matter	90
Organic matter (loss on ignition at 550 °C)	70
C/N ratio	14

Main Elements	% on total product
Nitrogen (N) total	3.0
- Nitrogen (N) organic	2.8
- Nitrogen (N) ammonium	0.2
Phosphate (P <sub>2</sub> O <sub>5</sub> ) total	1.0
Potassium (K <sub>2</sub> O) total	3.0
Magnesium (MgO) total	0.6
Sulphur (SO <sub>3</sub> ) total	0.7
Calcium (CaO) total	0.8

### Physical data

Appearance	Pellet/Crumb
Size	4-5/1-4 mm
Bulk density	

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

## Dosage recommendations

	kg/ha
Vegetables	1.500-3.000
Greenhouse horticulture	2.000-3.000
Arable farming	2.000-3.000
Grains and rice	1.400-4.100
Fruits	1.500-3.000
Viticulture	1.500-2.000
Floriculture	1.500-3.000
Tree nurseries	1.500-2.000
Lawn and sports turf	1.500-2.000

The dosage recommendations are based on the average crop need per cultivation. The exact dosage depends on the specific crop, crop stage, expected yield, climate conditions, soil type and the nutrient and organic matter content of the soil. For tailor-made advice, please contact MeMon or the local consultant.

## General application advice

- Apply 7-10 days prior to sowing or planting and mix with the top layer of the soil
- In planted areas, apply as a top or row fertilization at 15-20 cm from the roots
- Apply before rain or use irrigation after application
- Spread applications if necessary. This depends on the type of crop and the amount of fertilizer needed.

## 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