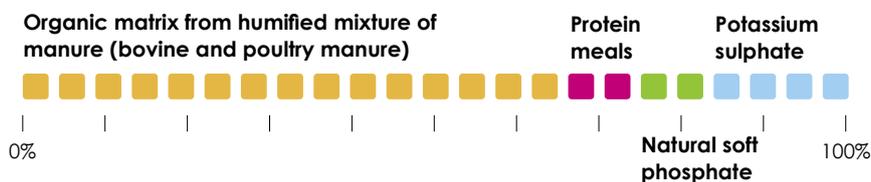




MANGUSTA®

LINEA DUNG

(3.5.7s+5SO₃+18C)



PACKAGING BAG kg 25 on kg 1500 pallet
BIG BAGS kg 500
BULK

IDEAL FOR THE UPKEEP OF VINEYARDS, ORCHARDS AND VEGETABLE FARMS
Low chloride NPK+C organomineral fertilizer



MANGUSTA® / Features:

MANGUSTA® contains in the one balanced formula the principal nutrients required to grow fruit and vegetables: Nitrogen (N), Phosphorous (P₂O₅) and Potassium (K₂O). Naturally contains the principal trace elements: Iron, Boron and Zinc.

HEAT IS NOT USED to dry the product (no kilns or hot air). The production process blends organic and mineral components through natural fermentation over 9 months. The product is the result of the careful blending and subsequent reaction between the various elements without the use of preservatives or binders. The final product is a very dry, easily applied pellet.

Once in contact with the moisture in the soil or after watering the pellet expands and gradually breaks down in the soil.

The organic content is 80% (every 100 kg of product adds 80 kg of organic content to the soil) and has several functions:

- plant nutrition (mainly as a source of organic nitrogen and trace elements)
- protection of mineral components blended with it; it is "humified" organic matter, stable and rich in compounds (humic and fulvic acids) capable of binding added nutritional elements
- this means the fertilizer cannot be "leached out", and makes it more effective and suitable for use even in winter and spring
- adds and stimulates biological activity in the soil, a crucial function for good, ongoing root suction

Specifically, the organic content consists mostly of cattle manure, collected from stables where cattle are bred on bedding, with added manure from poultry also bred on bedding.

The manure is stored in a pile and over a period of about 9 months undergoes a routine process which includes drying, concentration, stabilisation, sanitisation and humification.

This process produces a living "organic base", rich in bacteria that are useful to the soil (approx. 1.098.000.000 CFU/g as aerobic bacteria, 815.000.000 CFU/g as anaerobic bacteria plus ammonifiers, nitrate reducers, cellulolytic bacteria and schizomycetes).

Two mineral components are then added to this base to raise the phosphorous level and introduce potassium (sulphate only) which also provides sulphur trioxide (SO₃).

AVERAGE CONTENT ON THE SUBSTANCE AS SUCH

Total nitrogen (N)	3%	Humified organic matter	31%
Organic nitrogen (N)	3%	Fulvic acids	7%
Total phosphorus pentoxide (P₂O₅)	5%	Humic acids	8%
Phosphorus pentoxide (P ₂ O ₅) soluble in neutral ammonium citrate and water	1%	Aerobic bacteria content	1.098.000.000 CFU/g
Potassium oxide (K₂O) soluble in water	7%	Anaerobic bacteria content	815.000.000 CFU/g
Sulphur trioxide (SO ₃) soluble in water	5%	pH	6-7
Organic biological carbon (C)	15,5%	Specific weight	0,8-0,9 kg/l

Contains trace elements Fe, B, Zn which are naturally present in the organic content.

Raw materials, organic content: dry manure

Mineral content: Natural soft phosphate, Potassium sulphate

AVERAGE QUANTITIES

For vineyards and/or grassed orchards where the soil is not tilled, apply fertilizers when most advantageous (autumn winter) or before grass is mowed. Cover the fertilizer with the resulting grass clippings to facilitate breakdown through *greater absorption of moisture*.

CORRECT DOSES AND USAGE

Cultivation:

Advised dosage:

Grapevines	Kg 400-1000 per ha
Olives	Kg 800-1000 per ha
Hazels	Kg 500-800 per ha
Orchards	Kg 600-800 per ha
Open field crops	Kg 700-1000 per ha
Greenhouse vegetable	Kg 100-200 kg/1000 m ²

The doses will also depend on the nutrition plan which will follow application of **MANGUSTA®**. However, 400 kg per hectare is the recommended minimum.

MANGUSTA® can be:

- 1) broadcast with a standard manure spreader, especially where there are mature trees
- 2) along rows, using a conveyor manure spreader; best if then lightly tilled
- 3) using a drill fertilizer for new plantings, ensuring that the product does not come into contact with the plants' root system; should then be tilled into the soil and watered.

The crops indicated are representative of each category; **MANGUSTA®** can be used for numerous other types by employing the same method.

The above mentioned doses are indicative and may change according to climatic characteristics of each area (fertility: physical and biological; rainfall and temperature). Also, they should be included in the entire fertilization plan.

Product should not be in contact with plant's roots. The product is for professional use only. **Keep out of reach of children and animals**



The analytical data written on packaging follow the instruction of the regulation in force. All data included in this publication are indicative. FOMET reserves the right to change them without prior notice.



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