

# GELACTIVE NPK 6-7-13 FLAKES

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ORGANO-MINERAL NPK FERTILISER

NPK (CaO-SO<sub>3</sub>)+C

6-7-13 (9-11) +20

**Provides** NPK from mineral matrices and organic protein components

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**Improves** fertilisation efficiency through **GEL ACTIVE FOAM®** technology

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**Increases** the potassium content in soils



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# GELACTIVE NPK 6-7-13 FLAKES

## Characteristics

**GELACTIVE NPK 6-7-13 NBPT FLAKES** is one of the new formulations born in our research centre in collaboration with universities, thanks to the development of our new patented process technology **GELACTIVE FOAM®**. This technology, acting on pressures and temperatures during the production process, particularly in the thermobaric hydrolysis phase, allows the protein molecule to release regular fractions of amino acid chains, ensuring a more regular release of organic protein nitrogen, further enhanced by the physical form of flakes measuring approximately 2 mm. **GELACTIVE NPK 6-7-13 FLAKES** is an organo-mineral NPK fertiliser with a low content of chlorine, obtained through a reaction between mineral matrices and organic protein components. The product contains: organic nitrogen from scleroproteic origin with natural slow release, capable of ensuring a constant supply to crops during the entire cropping cycle; assimilable phosphorous protected by organic matter in order to avoid insolubilisation processes; sulphate-derived potassium with high solubility; a high content of sulphates immediately available and a huge amount of organic matter from protein origin (>38%). The high agronomic efficiency of **GELACTIVE NPK 6-7-13 FLAKES** permit to optimise the supply of fertiliser unit, reducing the fertilisation costs and the environmental impact. The product is recommended for all the crops requiring a constant nitrogen supply, and is particularly suitable for potassium-demanding crops and potassium-deficient soils. It can be used for the autumn and spring basal fertilisation, as well as for top-dressing applications in fruit trees and vineyards, especially with grasses conditions. The presence of sulphate-derived potassium and sulphates makes **GELACTIVE NPK 6-7-13 FLAKES** particularly suitable for the high quality crops, especially for those sensitive to chloride. This formulation, like all products in the **GELACTIVE FLAKES** line, thanks to its higher agronomic efficiency, allows a reduction of approximately 15-20% in application rates compared to a conventional pellet formulation.

## Composition

|                                                       | w/w  |
|-------------------------------------------------------|------|
| Total nitrogen (N)                                    | 6.0% |
| Organic nitrogen (N)                                  | 6.0% |
| Phosphoric anhydride (P <sub>2</sub> O <sub>5</sub> ) | 7.0% |
| Calcium oxide (CaO) total                             | 9.0% |

|                                                      | w/w   |
|------------------------------------------------------|-------|
| Potassium oxide (K <sub>2</sub> O) soluble in water  | 13.0% |
| Sulphur trioxide (SO <sub>3</sub> ) soluble in water | 11.0% |
| Organic matter                                       | 40.0% |
| Organic carbon (C)                                   | 20.0% |

## Components

### ORGANIC FERTILISERS:

Hydrolysed leather and hides  
Meat meal  
Bone meal

### MINERAL FERTILISERS:

Soft natural phosphorus  
Potassium sulphate

*It can also be used in fertilisation plans that benefit from the incentives provided by local regulations and regional, national and European laws.*

## Doses and Instructions

### CROPS

Fruit trees  
Horticultural crops  
Ornamental crops  
Industrial crops  
Fresh-cut produce crops

### APPLICATION RATES Kg/ha

400-500 during planting, pre-vegetative growth phase, and post-harvest  
550-700 pre-sowing or transplanting  
500-550 pre-sowing or transplanting  
650-700 pre-sowing or transplanting  
500-550 pre-sowing

\* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

## Formulation

Flakes

## Packaging

25 -500 kg

## Diameter

2 mm

## Humidity

< 10%

## Warnings

The product should be incorporated into the soil, ensuring it does not come into direct contact with the plant. Store in a weather-protected area.

## Technical Notes



SOIL  
APPLICATION



FLAKES



BIO

**GEL ACTIVE FOAM®** **ORGAMIN-P®**



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