

GELACTIVE NPK 4-5-6 FLAKES

ORGANO-MINERAL FERTILISER
NPK (SO₃)+C
4-5-6 (5) +20

Provides NPK with a low chlorine content obtained from mineral and organic matrices

Increases the soil microbiologic activity

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



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GELACTIVE NPK 4-5-6 FLAKES

Characteristics

GELACTIVE NPK 4-5-6 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 **GEL ACTIVE 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 4-5-6 FLAKES** is an organo-mineral NPK fertiliser with a low chlorine content, obtained through a reaction between organic and mineral components, which improves its agronomic efficiency. The organic nitrogen (N) content with a natural slow release, associated with the availability of phosphorous (P), potassium (K) and sulphur trioxide (SO₃), provides a balanced supply of nutrient. The high amount of protein-based organic matter, promotes soil microbiologic activity. **GELACTIVE NPK 4-5-6 FLAKES** is particularly suggested for the autumn and spring basal fertilisation, and also on grasses soil, and can be used in high value horticultural crops and fruit trees. This formulation, like all those in the **GELACTIVE FLAKES** line, allows for a reduction of approximately 15-20% in application doses compared to a conventional pellet formulation, thanks to its improved agronomic efficiency.

Composition

	w/w
Total nitrogen (N)	4.0%
Organic nitrogen (N)	4.0%
Phosphoric anhydride (P ₂ O ₅)	5.0%
Sulphur trioxide (SO ₃) soluble in water	5.0%

w/w

Potassium Oxide (K ₂ O) soluble in water with low chlorine content	6.0%
Organic carbon (C)	20.0%
Organic matter	40.0%

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

500-600 during planting, pre-vegetative growth phase, and post-harvest
650-800 pre-sowing or transplanting
550-650 pre-sowing or transplanting
700-800 pre-sowing or transplanting
550-650 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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