GELACTIVE
NPK 5-10-15 FLAKES

ORGANO-MINERAL FERTILISER
NPK (SO_3)+C 5-10-15 (13) +15

Provides NPK with low chlorine content from mineral components and organic protein matrices

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

Increases nutrient bioavailability

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GELACTIVE NPK 5-10-15 FLAKES

Characteristics

GELACTIVE NPK 5-10-15 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 5-10-15 FLAKES** is an organo-mineral NPK fertiliser with low chlorine content, obtained through a reaction between mineral components and organic protein matrices, a process that increases the bioavailability of nutrients and improves the assimilability of mineral fractions. **GELACTIVE NPK 5-10-15 FLAKES** is characterised by organic nitrogen with slow natural release, derived from selected protein matrices, phosphates of both mineral and organic origin, which are highly bioavailable thanks to the reaction process with the organic matter, potassium from sulphate with a very low chloride content, and selected organic matter (meat and bone meal, hydrolysed leather and hides) which, through slow mineralisation, guarantee sustainable nutrition. All these properties give **GELACTIVE NPK 5-10-15 FLAKES**, significant agronomic efficiency, allowing for reductions in application rates up to 20-25% compared to mineral fertilisers with the same or higher nutrient content. It is suitable for all high quality crops, horticultural and fruit crops, which require prolonged and constant nutritional supply. 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)	5.0%
Organic nitrogen (N)	5.0%
Phosphoric anhydride (P_2O_5) soluble in mineral acids	10.0%
Phosphoric anhydride (P_2O_5) soluble in 2% formic acid	5.5%

	w/w
Water-soluble potassium oxide (K_2O)	15.0%
Organic carbon (C)	15.0%
Organic matter	30.0%
Water-soluble sulphur trioxide (SO_3)	13.0%

Components

ORGANIC FERTILISERS:
Hydrolysed leather and hides
Meat meal
Bone meal

MINERAL FERTILISERS:
Soft natural phosphorus
Potassium sulphate (may contain magnesium salts)

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	APPLICATION RATES Kg/ha
Fruit trees	400-500 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	550-700 pre-sowing or transplanting
Ornamental crops	400-500 pre-sowing or transplanting
Industrial crops	650-700 pre-sowing or transplanting
Fresh-cut produce crops	400-500 pre-sowing

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

Formulation	Packaging	Diameter	Umidity
Flakes	25 -500 kg	2 mm	< 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

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