

GELACTIVE NP 11-25 FLAKES

ORGANO-MINERAL FERTILISER
NP (CaO)+C
11-25 (10) +7.5

Provides a high content of phosphorous, both organic and mineral

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

Increases the biological fertility of the soil



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GELACTIVE NP 11-25 FLAKES

Characteristics

GELACTIVE NP 11-25 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 NP 11-25 FLAKES** is an organo-mineral NP fertiliser obtained through a reaction between mineral components and organic matrices, aimed at stabilising and protecting phosphates from soil insolubilisation, thereby ensuring greater availability of the phosphorus over time. The main characteristics of **GELACTIVE NP 11-25 FLAKES** are: the presence of organic nitrogen at slow release, which ensure a gradual and constant release of the nitrogen and a progressive availability of the other nutritive elements; high level of phosphorus, both mineral and organic; high content of organic matter (15%), derived from different matrices of natural origin. This composition promotes a gradual release of nitrogen, increases the agronomy efficiency of fertiliser unit and improves the biological fertility of the soil. The high quality of the matrices used and the excellent agronomic efficiency of the formulation permit to obtain high level of the yields, with reduced management costs and a lower environmental impact, thanks to a more rational use of the elements. The fertiliser is recommended for basal and in pre-sowing application in cereals, as well during the establishment and the production phases of fruit trees and vineyards. It is also particularly suitable for localized application on sugar beet, especially in soil well supplied with available potassium. 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)	11.0%
Ureic nitrogen (N)	3.0%
Organic nitrogen (N)	1.5%
Ammoniacal nitrogen (N)	6.5%
Calcium oxide (CaO) soluble in water	10.0%
Total phosphoric anhydride (P ₂ O ₅)	25.0%

w/w

Phosphoric anhydride (P ₂ O ₅) soluble in mineral acids	23.0%
Phosphoric anhydride (P ₂ O ₅) soluble in neutral ammonium citrate and water	17.0%
Phosphoric anhydride (P ₂ O ₅) soluble in water	15.0%
Organic carbon (C) organico	7.5%
Organic matter	15.0%

Components

ORGANIC FERTILISERS:

Mixture of organic NP fertilisers
Mixture of organic nitrogenous fertilisers

MINERAL FERTILISERS:

Urea
Soft natural phosphorus
Fertiliser NP

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

300-400 during planting, pre-vegetative growth phase, and post-harvest
500-600 pre-sowing or transplanting
250-300 pre-sowing or transplanting
500-700 pre-sowing or transplanting
200-250 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

GEL ACTIVE FOAM® **ORGAMIN-P®**



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