

GELACTIVE N 30 NBPT FLAKES

ORGANO-MINERAL NITROGEN FERTILISER

N+C

30+9 with urease inhibitor N-(n-butyl) thiophosphoric triamide (NBPT)

Provides a high content of organic and ureic nitrogen (30%)

Reduces nitrogen losses due to volatilization thanks to the use of NBPT

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



organazoto

info@organazoto.it
www.organazoto.it



GELACTIVE N 30 NBPT FLAKES

Characteristics

GELACTIVE N 30 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 **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 N 30 NBPT FLAKES** is an organo-mineral nitrogen fertiliser obtained through a reaction between urea and selected organic protein matrices. The technological innovation is represented by the use of NBPT (N-(n-butyl) thiophosphoric triamide), a urease inhibitor capable of delaying urea hydrolysis, significantly reducing nitrogen losses due to volatilization. In **GELACTIVE N 30 NBPT FLAKES**, a dual nitrogen protection is realised thanks to the synergistic presence of organic nitrogen with natural slow release and ureic nitrogen stabilized with NBPT. This combination ensures higher fertiliser use efficiency, providing prolonged nitrogen availability and allowing crops to assimilate up to 30% more nitrogen compared to conventional nitrogen fertilisers. **GELACTIVE N 30 NBPT FLAKES** is particularly suitable for non-irrigated soils or no-tillage cropping systems, where it is essential to optimize nitrogen nutrition without incorporation into the soil. The product is recommended for the fertilisation of cereals (both at pre-sowing and top dressing), fruit trees, vegetable crops and ornamentals, as well as for all crops that benefit from a constant and progressive nitrogen supply for up to 120 days after application. Thanks to urea stabilisation with NBPT, **GELACTIVE N 30 NBPT FLAKES** can effectively replace conventional synthetic nitrogen fertilisers, showing particular advantages on alkaline soils and soils poor in organic matter, where it contributes to improving yields and crop quality. 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)	30.0%
Ureic nitrogen (N)	28.0%
Organic nitrogen (N)	2.0%

	w/w
Organic matter	18.0%
Organic carbon (C)	9.0%

Components

ORGANIC FERTILISERS:

Mixture of organic nitrogenous fertilisers

MINERAL FERTILISERS:

Urea

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
500-550 pre-sowing or transplanting
250-350 pre-sowing or transplanting
500-550 pre-sowing or transplanting
200-300 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



NBPT

GEL ACTIVE FOAM® **ORGAMIN-P®**



organazoto

info@organazoto.it

www.organazoto.it