

GELACTIVE N 11 FLAKES

ORGANIC NITROGEN FERTILIZER
hydrolyzed leather and hides N+C
11+40

Provides a high content of slow-release organic nitrogen

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

Prevents iron chlorosis and magnesium deficiencies



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GELACTIVE N 11 FLAKES

Characteristics

GELACTIVE N 11 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 11 FLAKES** is an organic nitrogen fertilizer formulated from hydrolyzed leather and hides, providing a high level of organic nitrogen (N 11%) with a slow and extended release. This component is obtained through high-pressure hydrolysis of collagenous scleroproteins. Nitrogen mineralization depends on soil characteristics (texture, structure, moisture, aeration, and temperature) and is generally completed within 2-3 months; under prolonged flooding conditions, such as in rice fields, degradation times are longer. **GELACTIVE N 11 FLAKES** also contains iron (Fe) and magnesium (Mg) chelated to the organic matter, which promote the increase of microbial biomass, improve the humic substance balance, and help prevent and correct iron chlorosis and magnesium deficiencies. **GELACTIVE N 11 FLAKES** is ideal for basal and top-dressing applications, recommended for autumn and spring treatments on a wide range of crops. The product shows high effectiveness in rice fields, orchards, and vineyards, whether grassed or not, and is also excellent for nursery production. 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
Organic nitrogen (N)	11.0%
Organic matter	80.0%

	w/w
Organic carbon (C)	40.0%

Components

ORGANIC FERTILISERS:
Hydrolyzed leather and hides

It can also be used in fertilization plans that benefit from 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

450-550 during planting, pre-vegetative growth phase, and post-harvest
500-650 pre-sowing or transplanting
300-400 pre-sowing or transplanting
450-550 pre-sowing or transplanting
300-400 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

GELACTIVE  **FOAM®**



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