GELACTIVE
NP 20-10 NBPT FLAKES

CONCIME ORGANO MINERALE
NP (CaO)+C 20-10 (14) +7.5

Reduces ammoniacal nitrogen losses due to volatilisation through the use of NBPT

Provides a constant and gradual release of nitrogen over time

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

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GELACTIVE NP 20-10 NBPT FLAKES

Characteristics

GELACTIVE NP 20-10 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 NP 20-10 NBPT FLAKES** is an organo-mineral NP fertiliser obtained through a reaction between mineral components and organic protein matrices, carried out with a coextrusion process that optimises the interaction between the organic and mineral fractions. **GELACTIVE NP 20-10 NBPT FLAKES** is characterised by organic nitrogen with natural slow release, derived from high-quality protein matrices; ureic nitrogen with NBPT, a urease inhibitor that delays urea hydrolysis and significantly reduces ammoniacal nitrogen losses; assimilable phosphorus that becomes progressively available thanks to complexation with the organic fraction; and organic matter of protein origin. The use of NBPT represents an innovative element, ensuring greater nitrogen use efficiency and prolonged nutrient availability over time. **GELACTIVE NP 20-10 NBPT FLAKES** makes it possible to apply dosages specific to the actual needs of crops, optimising yields and management costs. It also contains phosphoric anhydride (P_2O_5), which, thanks to its interaction with the organic protein matrix, is made available to plants throughout the crop cycle. The use of **GELACTIVE NP 20-10 NBPT FLAKES** is particularly recommended in alkaline soils, in soils with low buffering capacity, and in those with a reduced organic matter content. The product is recommended for sowing autumn–winter cereals, such as common and durum wheat, as well as for spring and row crops including maize, sorghum, sunflower, oilseed rape and sugar beet. It is also used in industrial vegetable crops such as tomato, artichoke and spinach. It is of particular agronomic interest for tree crops such as citrus, olive and hazelnut. Tale formulato, come tutti quelli della linea **GELACTIVE FLAKES**, grazie alla loro migliore efficienza agronomica permettono una riduzione di circa il 15/20% delle dosi applicative rispetto ad un formulato in pellet convenzionale.

Composition

	w/w
Total nitrogen (N)	20.0%
Ureic nitrogen (N)	18.0%
Organic nitrogen (N)	2.0%
Total calcium oxide (CaO)	14.0%

	w/w
Phosphoric anhydride (P_2O_5) soluble in mineral acids	10.0%
Phosphoric anhydride (P_2O_5) soluble in 2% formic acid	5.5%
Organic matter	15.0%
Organic carbon (C)	7.5%

Components

ORGANIC FERTILISERS:
Hydrolysed leather and hides
Meat meal
Bone meal
Mixture of organic NP fertilisers
Mixture of organic nitrogenous fertilisers

MINERAL FERTILISERS:
Urea
Soft natural phosphorus

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	300-500 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	400-500 pre-sowing or transplanting
Ornamental crops	300-350 pre-sowing or transplanting
Industrial crops	500-600 pre-sowing or transplanting
Fresh-cut produce crops	200-250 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

NBPT NBPT

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