GELACTIVE
NPK 8-5-6 C FLAKES

ORGANO-MINERAL FERTILISER
NPK (CaO)+C 8-5-6 (8) +16

Provides organic nitrogen derived from scleroproteins, a portion of synthetic nitrogen, phosphorus and potassium

Improves the assimilation of microelements

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

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GELACTIVE NPK 8-5-6 C FLAKES

Characteristics

GELACTIVE NPK 8-5-6 C 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 8-5-6 C FLAKES** is an organo-mineral NPK fertiliser obtained through a reaction between mineral components and organic protein matrices. The formulation is characterised by organic nitrogen with slow mineralisation derived from scleroproteins, combined with a portion of synthetic nitrogen and significant amounts of phosphorus and potassium. The balanced ratio of nutrients ensures a gradual and constant release, which makes the product particularly suitable for nutrition of vines and fruit trees, in post-harvest or spring fertilisation, even in grassed systems. **GELACTIVE NPK 8-5-6 C FLAKES** is also suitable for basal fertilisation of herbaceous crops: a light pre-sowing incorporation promotes the mineralisation of organic matter. Its high agronomic efficiency, due to its organic nitrogen and organic matter content, combined with a competitive price/quality ratio, allows the product to be a valid alternative to conventional mineral fertilisers. 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)	8.0%
Ureic nitrogen (N)	2.5%
Organic nitrogen (N)	5.5%
Phosphoric anhydride (P_2O_5) soluble in mineral acids	5.0%
Phosphoric anhydride (P_2O_5) soluble in 2% formic acid	2.75%

	w/w
Water-soluble potassium oxide (K_2O)	6.0%
Total calcium oxide (CaO)	8.0%
Organic matter	32.0%
Organic carbon (C)	16.0%

Components

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

MINERAL FERTILISERS:
Soft natural phosphorus
Mixed potassium salts
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	APPLICATION RATES Kg/ha
Fruit trees	650-800 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	800-950 pre-sowing or transplanting
Ornamental crops	500-550 pre-sowing or transplanting
Industrial crops	800-1200 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

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