GELACTIVE
NP 3-3 Fe-Mg FLAKES

ORGANIC FERTILISER NP
mixture of organic fertilisers
NP+C 3-3+20

Provides essential nutrients, iron and magnesium

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

Increases colour intensity and uniformity, organoleptic profile and post-harvest shelf life

bioagricert INPUTS | CQY CERTIQUALITY | FiBL | Responsible Care® OUR COMMITMENT TO SUSTAINABILITY

organazoto

info@organazoto.it
www.organazoto.it



GELACTIVE
NP 3-3 Fe-Mg FLAKES

Characteristics

GELACTIVE NP 3-3 Fe-Mg 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 3-3 Fe-Mg FLAKES** is an organic fertiliser for specific use, formulated to provide essential nutrients such as iron and soluble magnesium, as well as organic nitrogen, phosphorus and sulphur, which are fundamental for balanced crop nutrition, in a single product. The iron, derived from ferrous sulphate, and sulphuric anhydride (SO_3) are highly assimilable by crops and, when used in basal fertilisation, contribute to improving production quality and partially acidifying the area where the fertiliser is applied. This effect promotes an increase in the Soil Cation Exchange Capacity (SCEC), optimising the availability and effectiveness of the nutrients administered. The significant presence of magnesium sulphate (from KIESERITE), which is completely soluble, has a synergistic effect with iron and sulphur, contributing to the overall improvement of the quality of horticultural and fruit production in terms of colour, taste and shelf life. The most interesting agronomic applications are in viticulture (both wine and table grapes), contributes to improving grape quality, promoting more intense and uniform colouring, enriching the aromatic profile and ensuring more balanced ripening of the bunches. The product is also particularly suitable for fruit crops, including new plantings, where it supports proper vegetative growth and improved soil nutritional efficiency. The product is particularly effective in horticultural crops, both in open fields and in protected cultivation, where **GELACTIVE NP 3-3 Fe-Mg FLAKES** shows high agronomic efficacy in promoting the starter effect, stimulating rooting and improving the colouring of young plant tissues. 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)	3.0%
Total phosphoric anhydride (P_2O_5)	3.0%
Total iron (Fe)	4.0%
Water-soluble magnesium oxide (MgO)	4.0%

	w/w
Organic carbon (C)	20.0%
Organic matter	40.0%
Water-soluble sulphur trioxide (SO_3)	13.0%

Components

ORGANIC FERTILISERS:
Meat meal
Bone meal

Kieserite (magnesium sulphate) only of natural origin
Iron salt (sulphate)

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	APPLICATION RATES Kg/ha
Fruit trees	650-700 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	550-650 pre-sowing or transplanting
Ornamental crops	350-450 pre-sowing or transplanting
Industrial crops	450-550 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

BIO

GEL ACTIVE FOAM®

organazoto

info@organazoto.it

www.organazoto.it