

ORGANO-MINERAL FERTILIZER NPK (Mg-S) 12-6-8 (2-26) With Boron (B) and Iron (Fe) LOW LEVELS OF CHLORINE

An innovative NPK organo-mineral fertilizer, provided with meso and microelements, aimed at meeting the needs of those crops requiring removal ratios favourable to nitrogen, thus strengthening the vegetative growth of fruit trees, old vineyards, leaves vegetables.

NPK, S and Mg nutritional units and the B and Fe microelements, while reacting with the humic part of the organic matter (dried cattle and horse manure, dried poultry manure, humic peat) acquire a significant degree of protection, thus allowing optimal crop yield.

This allows:

- high and extended nutrient availability for the entire crop cycle;
- reduction of losses due to insolubility, leaching and evaporation;
- flexibility of the fertilizing cycle with the option of applying it before the normal period of nutritional use;
- saving of fertilizer usage.

MIURA has therefore a great use for post-harvest fertilization of fruit trees and early harvest vines (mid-September/October) in order to feed the inner cycle of the reserves.

The mineral form of **NITROGEN** added to the reaction is safely and gradually exchanged as integrated in the humified part of the organic matter.

Meso and micro elements govern important physiological processes:

- **SULFUR** (SO₃ 26%) contributes by feeding the plant with a better amino acid metabolism on a cellular level;
- MAGNESIUM optimizes the photosynthetic cycle and the phosphate metabolism;
- **BORON** and **IRON**, both chemically bound to the humic part of the organic matrix, show a high stability, in order to improve fruiting, photosynthetic efficiency and production of sugars.



• **Packaging:** 25-500 Kg

• NPK ratio: 1:0,5:0,7

• Shape: Minipellets

Manufactured by



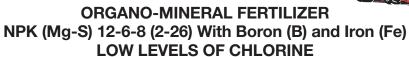
Unimer S.p.A. Via Paleocapa, 7 - 20121 Milano

Approval Number: Plant of Vidor: ABP1193UFERT2 Plant of Arquata del Tronto:

ABP1177UFERT2

COMPANY WITH SYSTEM CERTIFIED BY DNV • ISO 9001





COMPOSITION	
N total	12%
N organic	1%
N ammoniacal	9%
N ureic	2%
P ₂ O ₅ total	6%
P ₂ O ₅ neutral amm. citrate and water soluble	4,5%
P ₂ O ₅ water soluble	3,5%
K ₂ O water soluble	8%
MgO total	2%
SO ₃ water soluble	26%
B total	0,03%
Fe total	0,5%
Organic Carbon (C)	10%
Humic and fulvic Carbon (C)	3%

- Mineral fertilizers: Ammonium sulphate, urea, NP 18-46 (diammonium phosphate), potassium sulphate.
- Organic components: Dried cattle and horse manure, dried poultry manure, humified peat, green composted soil conditioner.

DOSES BY CROP			
COLTURA	DOSE Kg/ha	IMPIEGO	
Viticulture and olive trees	400-800	At the end of winter/spring	
Fruit trees	500-800	At the end of winter/spring	

Horticultural	600-900	During soil preparation pre-sawing/transplanting
Melon, watermelon and cucurbits	600-900	During soil preparation pre-sawing/transplanting
Strawberry	600-800	During soil preparation pre-transplanting
Flower and ornamental crops and recreational lawns	600-900	At vegetative revival or during the last pre-sawing/transplanting
Corn and sorghum	400-800	During the last pre-sawing operations
Wheat, rice and other cereals	300-700	During the last pre-sawing operations
Tobacco	500-800	During soil preparation pre-sawing/ transplanting or weeding
Industrial, oil and protein crops	500-600	During the vegetative phase or pre-transplanting
Beetroot and alfalfa	500-600	During soil preparation pre-sawing

Reference guidelines for individual crops are purely illustrative and are changeable, in relation to the needs, the fertility levels and the provisions of various regulations.

For organic and organo-mineral fertilizers it is recommended to place the product slightly underground to enhance the nutritional efficacy.

MIURA S Rev. n°11 - November 2023