

# FLEXIFERT



**ORGANO-MINERAL FERTILIZER**  
**NP 9-21 with manganese (Mn) and zinc (Zn)**  
**with ion exchange resins**

## 9-21

**FLEXIFERT 9-21** is an innovative organo-mineral fertilizer, aimed at meeting the needs of extensive crops such as **wheat, corn, sorghum, sugar beet, sunflower**, in soils with good levels of exchangeable and available potassium, which boasts the presence of ion exchange resins, in addition to the rich supply of organic carbon and humified organic carbon.

**Ion exchange resins**, thanks to their total ion exchange capacity increase the availability of nutrients for crops, positively influencing their nutritional balance. They improve soil structure and physical properties, by retaining water; they can influence the soil pH.

They thereby increase the efficiency of the nutrients in the soil and enhance the effectiveness of the organo-mineral fertilizers, in synergy with **humified organic carbon**, for long-lasting protection of nutrients, available longer to crops which assimilate them when needed.

The nutrients **nitrogen** and **phosphorous**, with microelements **zinc** and **manganese**, being widely available for the entire crop cycle, ensure **optimum crop yield**: the reduction of losses due to insolubility, leaching and volatilization allows **flexibility to the fertilizing cycle** with the option of applying it before the normal period of nutritional use, **avoiding waste**.



**Packaging:** kg 25-500

**Shape:** Minipellets

**NPK ratio:** 1 : 2,3

**LARGE AMOUNT  
OF HUMIFIED  
ORGANIC CARBON**  
(HUMIC AND FULVIC  
CARBON)

Manufactured by



**Unimer S.p.A.** - Via Paleocapa, 7 - 20121 Milano  
COMPANY WITH SYSTEM CERTIFIED BY DNV  
ISO 9001

Approval Number:  
Plant of Vidor:  
ABP1193UFERT2  
Plant of Arquata del Tronto:  
ABP1177UFERT2

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## 9-21

### ORGANO-MINERAL FERTILIZER NP 9-21 with manganese (Mn) and zinc (Zn) with ion exchange resins

COMPOSITION	
N total	9%
N organic	1,5%
N ammoniacal	7,5%
P <sub>2</sub> O <sub>5</sub> total	21%
P <sub>2</sub> O <sub>5</sub> neutral amm. citrate and water soluble	15%
P <sub>2</sub> O <sub>5</sub> water soluble	8%
Mn total	0,1%
Zn total	0,01%
Organic Carbon (C)	15%
Humic and fulvic Carbon (C)	3,5%

- **Mineral fertilizers:** ammonium sulphate, NP 18-46 (diammonium phosphate), phosphatic scraps.
- **Organic components:** dried poultry manure, dried cattle and horse manure.

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.

DOSES BY CROP		
CROP	DOSE Kg/ha	USE
Corn and sorghum	250-450	During the last pre-sowing operations or localized at sowing
Wheat, rice and other cereals	250-400	During the last pre-sowing operations or localized at sowing

DOSES BY CROP		
CROP	DOSE Kg/ha	USE
Beetroot	250-450	During the last pre-sowing operations or localized at sowing
Alfalfa	250-350	
Industrial, oil and protein crops	250-350	During the last pre-sowing operations or localized at sowing
Horticultural	300-400	During soil preparation or localized at pre-sowing/transplanting
Strawberry	300-400	Pre-transplanting
Tobacco	300-400	During the last pre-sowing operations or localized at transplanting
Fruit trees	500-800	Pre-transplanting, at the end of the harvest and/or at the end of winter
Viticulture and olive trees	300-500	Pre-transplanting, at the end of the harvest and/or at the end of winter
Flower and ornamental crops and recreational lawns	300-500	At vegetative revival or pre-sowing/transplanting