



# MICROPHOS Mo Zn NP 10-46

## STARTER EFFECT FOSTERS ROOT DEVELOPMENT

MICROPHOS Mo Zn NP 10-46 is a microgranular fertilizer (0,8 - 1,2 mm) with a "starter" effect, to be localized at sowing/transplanting. It promotes root development, plant vigor and the anticipation of phenological phases, by stimulating the germination process and helping to overcome transplanting stress. MICROPHOS Mo Zn NP 10-46 provides nitrogen and phosphorus in an optimal ratio, together with important microelements useful for preventing deficiencies and counteracting antagonism phenomena. In particular, the presence of Zinc makes MICROPHOS Mo Zn NP 10-46 to act as a biostimulant in auxin metabolism, which guarantees the primary roots to immediately benefit from phosphorus, necessary for fast and abundant adventitious root growth.

The efficacy of the product is improved by the microgranular formulation obtained through compaction, a dry granulation process borrowed from the pharmaceutical industry that uses mechanical compression to agglomerate the particles of the raw materials. This allows for microgranules to be obtained without adding solvents, which can have a negative impact on the final solubility of the product. The compacted microgranule is characterized by easy and fast disintegration, ensuring a rapid assimilation of nutrients by the roots.

CROP	TIME OF APPLICATION	DOSE/HECTARE*
Flowers and ornamentals, Cereal crops, Industrial crops e Horticultural crops	Localized at sowing/transplanting	30-45 kg

COMPOSITION		PHYSICO-CHEMICAL FEATURES	
Total nitrogen (N)	10.00%	<b>MICROGRANULE</b>	
Ammoniacal nitrogen (N)	10.00%	Density (g/cm <sup>3</sup> )/Specific weight	0.90
Phosphoric anhydride (P <sub>2</sub> O <sub>5</sub> ) soluble in water	41.50%	Granulometry (mm)	0.8-1.2
Phosphoric anhydride (P <sub>2</sub> O <sub>5</sub> ) soluble in neutral ammonium citrate and in water	46.00%	<b>METHOD OF USE</b>	
Molybdenum (Mo) total	0.002%		
Zinc (Zn) total	0.8%	Cover fertilization	Fertilizers for compost integration

**PACKAGING: 15 KG - PALLET 900 KG**