

MICROPHOS NPK 8-33-10

B.T.C.




STARTER EFFECT STIMULATES A VIGOROUS ROOT AND PLANT DEVELOPMENT

MICROPHOS NPK 8-33-10 B.T.C. 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 NPK 8-33-10 B.T.C. provides nitrogen, phosphorus and potassium (deriving from sulphate, with Low Chlorine Content) in an optimal ratio, together with important microelements useful for preventing deficiencies and counteracting antagonism phenomena. In particular, the presence of Zinc makes MICROPHOS NPK 8-33-10 B.T.C. 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. Finally, the presence of sulfuric anhydride improves macro and microelements absorption.

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*
Cereal crops, Industrial crops e Horticultural crops	Localized at sowing/transplanting	30-45 kg

COMPOSITION	
Total nitrogen (N)	8.00%
Ammoniacal nitrogen (N)	8.00%
Phosphoric anhydride (P ₂ O ₅) total	33.00%
Phosphoric anhydride (P ₂ O ₅) soluble in water	29.00%
Phosphoric anhydride (P ₂ O ₅) soluble in neutral ammonium citrate and in water	33.00%
Potassium oxide (K ₂ O) soluble in water	10.00%
Chlorine (Cl) max	2.00%
Magnesium oxide (MgO) total	2.00%
Sulfuric anhydride (SO ₃) soluble in water	9.00%
Molybdenum (Mo) total	0.002%
Zinc (Zn) total	0.80%

PHYSICO-CHEMICAL FEATURES			
MICROGRANULE			
Density (g/cm ³)/Specific weight		0.90	
Granulometry (mm)		0.8-1.2	
METHOD OF USE			
	Cover fertilization	Pre-sowing fertilization	Fertilizers for compost integration

PACKAGING: 25 KG - PALLET 1500 KG, BIG BAG 4 X 250 KG