




# GROSTART NP 8-41

## STARTER EFFECT PROMOTES ROOT DEVELOPMENT

GROSTART NP 8-41 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. GROSTART NP 8-41 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 GROSTART NP 8-41 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*
Cereal crops, Industrial crops e Horticultural crops	Localized at sowing/transplanting	25-50 kg

COMPOSITION		PHYSICO-CHEMICAL FEATURES			
Total nitrogen (N)	8.00%	<b>MICROGRANULE</b>			
Ammoniacal nitrogen (N)	8.00%	Density (g/cm <sup>3</sup> )/Specific weight		0.89	
Phosphoric anhydride (P <sub>2</sub> O <sub>5</sub> ) total	41.00%	Granulometry (mm)		0.8-1.2	
Phosphoric anhydride (P <sub>2</sub> O <sub>5</sub> ) soluble in water	36.00%	<b>METHOD OF USE</b>			
Phosphoric anhydride (P <sub>2</sub> O <sub>5</sub> ) soluble in neutral ammonium citrate and in water	41.00%		Cover fertilization	Localized fertilization at sowing/transplanting	Fertilizers for compost integration
Boron (B) total	0.20%				
Copper (Cu) total	0.04%				
Iron (Fe) total	0.50%				
Zinc (Zn) total	0.50%				

**PACKAGING: 25 KG - PALLET 1000 KG, BIG BAG 4 X 250 KG**