



# ORTFRUTKAL NPK 9-5-18

## MAXIMUM AVAILABILITY OF NUTRIENTS PROMOTES BALANCED GROWTH IMPROVES PRODUCTION QUALITY

ORTFRUTKAL NPK 9-5-18 is a compacted granular fertilizer that combines the presence of macro- meso- and microelements in a balanced and complete ratio. Formulated with selected raw materials, ORTFRUTKAL NPK 9-5-18 ensures maximum plant availability of all the nutrients provided. Due to its complete nutritional profile, ORTFRUTKAL NPK 9-5-18 is suitable from the early vegetative stages for all crops and is especially recommended from the post-flowering stage until harvest, especially for fruit and flowering horticultural crops demanding in Potassium. The presence, in addition to macronutrients (Nitrogen, Phosphorus and Potassium), of the main mesoelements (Calcium, Magnesium, Sulfur) and microelements (Iron, Zinc, Manganese, Boron, Molybdenum) make ORTFRUTKAL NPK 9-5-18 the basis for balanced nutrition, which is indispensable for the formation of compact and robust plants that can ensure quality production. In addition, the compaction process that is based on a dry granulation process, which uses only mechanical compression to agglomerate the raw material particles, without the addition of solvents, enhances the final solubility of the product. In fact, the granule obtained in this way stands out for its easy and fast disintegration, ensuring rapid assimilation of nutrients by the roots.

CROP	TIME OF APPLICATION	DOSE/HECTARE*
Fruit crops	Pre-early vegetative growth	300 kg
Fruit crops	Post fruit set	150 kg
Fruit crops	Post-harvest	200 kg
Fruiting vegetables	Pre-transplanting, pre-sowing	500-600 kg
Flower crops (geranium and chrysanthemum in particular)	Pre-transplanting, pre-sowing	500-600 kg
Flower crops (geranium and chrysanthemum in particular)	Localized on the inter-row at weeding or tamping stage. To be repeated as needed	100-300 kg

COMPOSITION	
Total nitrogen (N)	9.00%
Nitric nitrogen (N)	6.50%
Ammoniacal nitrogen (N)	2.50%
Phosphoric anhydride (P <sub>2</sub> O <sub>5</sub> ) soluble in water	4.50%
Phosphoric anhydride (P <sub>2</sub> O <sub>5</sub> ) soluble in neutral ammonium citrate and in water	5.00%
Potassium oxide (K <sub>2</sub> O) soluble in water	18.00%
Calcium oxide (CaO) soluble in water	10.00%
Magnesium oxide (MgO) soluble in water	2.00%
Sulfuric anhydride (SO <sub>3</sub> ) soluble in water	8.00%
Boron (B) soluble in water	0.01%
Iron (Fe) soluble in water	0.02%
Manganese (Mn) soluble in water	0.01%
Molybdenum (Mo) soluble in water	0.002%
Zinc (Zn) soluble in water	0.01%

PHYSICO-CHEMICAL FEATURES		
GRANULAR		
METHOD OF USE		
	Cover fertilization	Pre-sowing fertilization

**PACKAGING: 5 KG**