

RAYKAT® ROOTING



TESTED ROOT POWER.

ABSORPTION AND ANCHORING OF YOUR CROP.



Description

Raykat® Rooting is a specific biostimulant designed to enhance root development at any stage of the crop, especially at times when this process is of particular importance. Induces rooting by promoting root absorbing primordium and increasing root thickness. It provides the crop with an extra supplement in the establishment phase, boosting early stages and/or enhancing root renewal phases. Likewise, it is useful for seed activation treatments.

It is formulated with macronutrients, rich in phosphorus, micronutrients, polysaccharides, antioxidants and specific free L-amino acids that intervene in the formation of root tissue. This complete formula enhances the entire rooting and root development process at any stage of development, covering important specific requirements both in crop starts, stressful situations and moments of root tissue renewal.

Composition

Free amino acids	4 % w/w
Total nitrogen (N)	4 % w/w
Organic nitrogen (N)	1,8 % w/w
Nitric nitrogen (N)	0,3 % w/w
Ammoniacal nitrogen (N)	1,9 % w/w
Phosphorus pentoxide (P ₂ O ₅) water-soluble	8 % w/w
Potassium oxide (K ₂ O) water-soluble	3 % w/w
Zinc (Zn) chelated with EDTA	0,02 % w/w
Boro (B) water-soluble	0,03 % w/w
Hierro (Fe) chelated with EDTA	0,1% w/w
In addition it contains:	
Polysaccharides	15 % w/w

Action

- Enhances crop establishment.
- Increases the absorbent root mass.
- Improves root anchorage.
- More uniform initial seedling development.
- Activates seeds in pre-sowing treatment (improves nascence).



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BENEFITS OF USING RAYKAT® ROOTING

1. Improves the establishment of your crop and its vegetative growth.

Its application in early stages of the crop allows covering the specific requirements at the beginning of the cycle for a satisfactory establishment in the field. **Raykat® Rooting** improves the early root development of the plant due to its formula containing a specific aminogram, phosphorus, small amounts of nitrogen and organic biostimulants such as polysaccharides. It is not only a nutritional/energetic contribution, but also thanks to the anti-stress factors, it greatly enhances the establishment, ensuring a homogeneous and optimal development from the beginning.

2. Promotes root tissue renewal in critical stages or after damage.

Root metabolism is activated, increasing the rate of cell division and therefore the development of new absorbing roots. This increases the functional architecture of the root system, giving a better anchorage to the soil and a larger active absorption area that optimizes the uptake of more water and nutrients. All these benefits are of interest from early stages to favor survival in different adverse situations and to accelerate recovery after damage or post-transplant stress. Its application is also recommended in stages prior to moments of maximum fruit load in order to prepare the root system to absorb more nutrients that will be demanded by the aerial system.

2. Enhances and homogenizes crop germination and emergence from seed.

In extensive and industrial crops **Raykat® Rooting** is useful for seed treatment. The objective is to pre-activate them before sowing in order to obtain better homogeneity of germination and nascence. In both seed and newly germinated seedling applications, plant survival is increased and plant establishment is accelerated, better preparing the crop for the reproductive phase.

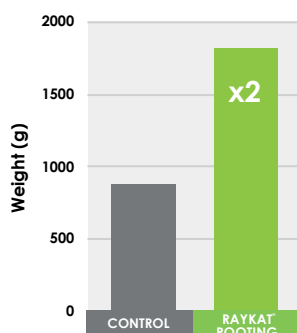
DOSAGE

CROP	FERTIGATION (L/ha)	FOLIAR* (cc/100L)	RECOMMENDATIONS
Horticulture and ornamentals	2-3	200-300	1-2 applications at crop establishment. Apply at 15 to 20 day intervals.
Fruit trees and other woody plants	3-5	-	Apply during root development. Apply 1-3 applications at intervals of 15-20 days.
Extensive crops	-	Seed treatment: 0,5-2L/ton seed cultivation treatment: 0,5-1,0 L/ha	Seed treatment: pre-sowing mixture to provoke a pre-activation in the nascence and initial development phase, together with the application of fungicide. Crop treatment: every 15 days at key moments of root development. Apply after emergence, starting at 2-4 true leaves.
Hydroponic crops	1-2	200-300	Apply weekly dissolved in the nutritive solution in early stages of the crop, as well as at desired moments of root regeneration.
Nurseries and seedbeds	0,2-0,3 L/1000L of water	50-75	-

*Foliar dosage: foliar treatments are recommended for seedlings in establishment or early stages In all cases, treatment via irrigation is recommended as the best alternative.

TESTS

Raykat® Rooting for root formation strategies in fruit crops. An 85% increase in root volume was observed compared to the control treatment.



COMPATIBILITY: Do not mix with oils, coppers or sulfurs. In case of mixing, it can potentiate the action of agrochemicals and may produce phytotoxicity.

WARNINGS: Keep out of reach of children. Do not ingest the product. Avoid contact with eyes and skin. Wash with soap and water after application.

NOTE: In terms of the indicated dosage per application, it will be up to the user to decrease or increase it depending on the vegetative stage of the plant and the characteristics of the soil where the crop will be grown. Application recommended under the advice of an Agronomist Technician. For specific dosage recommendations consult your distributor or local representative. The composition, mode of use and dosage of the products may vary in each country due to climatic, technical and/or legal conditions.



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