

- Specification Sheet -

RIZOCYN

Rizocyn is a natural biostimulant, special for the rapid growth of a robust and healthy root system of plants cultivated in the greenhouse and in the open field. It is composed of 100% organic natural ingredients and benefits not only the plants but also their entire ecosystem, creating ideal conditions for the growth of vigorous and high yield crops.

PROPERTIES AND USES:

- Promotes the growth of the root in all types of plantlets.
- Assists in overcoming the transplant shock and ensures the soonest possible establishment of all transplanting plants in the soil.
- Increases the microbial activity in the soil which converts the soil nutrients into a form that is directly assimilated by the plants.
- Improves the structure of the soil and supplements the organic matter of the soil which is consumed due to excessive cropping.
- Enhances the cation exchange capacity of the roots.
- Assists the root penetration even in concrete soils.
- Contributes to the better aeration of the root.
- Increases the cell divisions in the root.
- Promotes seed germination.
- Contributes to the creation of healthy and high yield crops with great resistance to the various environmental and biotic factors.

APPLICATIONS – APPLICATION RATES:

Generally **Rizocyn** is applied as follow:

Soil application: 10-20 l/ha.

Seed dipping: 250 ml/100 l of water.

Root and cutting dipping: 250-500 ml/100 l of water (with the transplanting water).

Hydroponics: 500 ml/1,000 l of water (with the transplanting water).

Foliar application: 250 ml/100 l of water.

STANDARD ANALYSIS

	(w/w)	(w/v)
Total Nitrogen (N)	0.60 %	0.64 %
Total Phosphorus (P ₂ O ₅)	1.08 %	1.16 %
Total Potassium (K ₂ O)	2.82 %	3.02 %
Calcium (CaO)	0.21 %	0.22 %
Magnesium (MgO)	0.04 %	0.04 %
Sulfur (S)	0.10 %	0.11 %

PHYSICAL PROPERTIES:

Appearance: Fine brown-black fluid
Density: 1.07 g/ml
Solubility: 100% water soluble
pH: 6.0-7.0