



Rootzilla

Rootzilla is a certified product for organic farming

ph: 7 | EC: 34.9 mS/cm | Specific weight: 1.070 g/L | 100% water soluble | Appearance: Dark-Black

What is Rootzilla?

Rootzilla is a natural, liquid plant-derived rooting biostimulant that is fully assimilable by plants. It is a high quality organic product derived from banana and seaweed (*Ascophyllum nodosum*) extract combined with humic and fulvic acids, rich in organic matter, macroelements (mainly potassium), trace elements and bioactive organic compounds (amino acids, vitamins, proteins, natural growth regulators and phenolic compounds with antioxidant activities).



Method of action of Rootzilla

Rootzilla has a triple effect on plants:

At the roots

Stimulates the formation of a healthy root system, while improving its architecture by favouring the growth of both primary and secondary roots, as well as root hairs, resulting in increased water and nutrient uptake from the soil.

In the rhizosphere

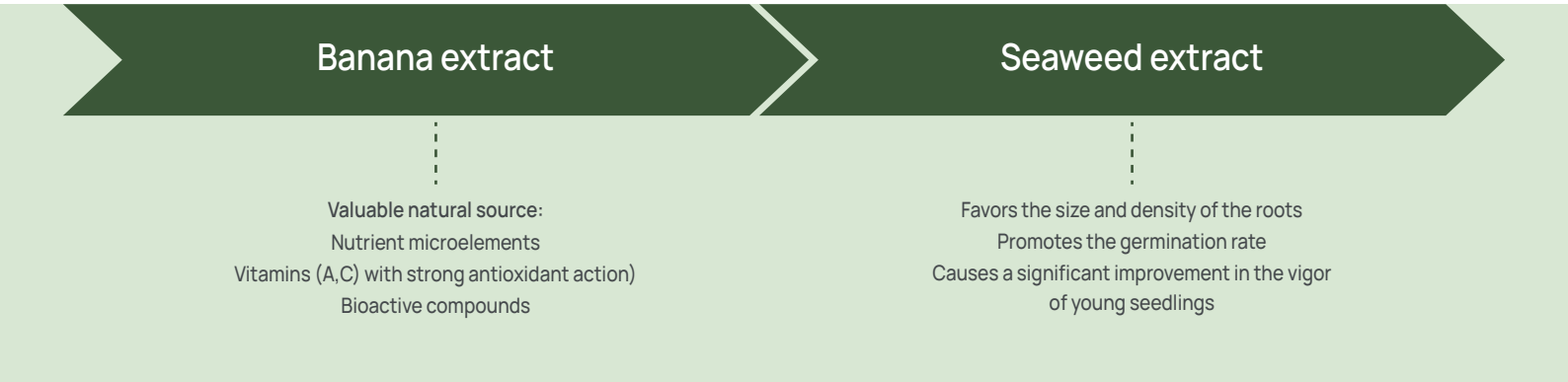
Stimulates the activity and proliferation of beneficial soil microorganisms such as nitrogen-fixing bacteria or those that make phosphorus digestible, promoting plant growth. In addition, it makes available to the plant the nutrients present in the soil solution.

In plant metabolism

Stimulates the biosynthesis of endogenous auxin and phenolic compounds essential for root system development, and activates enzymes involved in strengthening the antioxidant defense system of plants. The consequence of the above is the production of products of high nutritional value with increased levels of proteins, flavonoid carbohydrates or other antioxidants

Why do we choose Rootzilla?

- Improves the germination rate of the seeds
- Promotes the establishment of a rich root system
- Achieves rapid recovery of plants from post-planting stress
- Makes nutrients readily available to plants
- Activates physiological processes of plants
- Ensures successful coping with adverse conditions



Method of Application & Dosage

Rootzilla is suitable for applications through the irrigation system (Fertigation) and foliar spraying. It can also be applied by dipping seeds and roots..

It is generally applied in the following dosages:

Seed dipping: 100 cc in 100 lt of water up to 15 min

Root immersion: 1 lt in 100 lt of water for 5 min

Nurseries: With irrigation water 1 lt in 1000 lt of water

Transplanting: 10-15 lt/Ha

Fertigation: 10-15 lt/Ha

Foliar application: 250-350 cc in 100 lt of water

Composition

During transplanting and in later stages of plant growth, when plants are threatened by pathogens or in situations of abiotic stress that cause adverse growth conditions and require strengthening of the root system of the plants.

pH: 7

Nutrient element	% w/w
Total Organic Carbon (TOC)	16%
Organic Nitrogen	3,4%
Phosphorus (P ₂ O ₅)	1%
Potassium (K ₂ O)	1,1%
Magnesium (Mg)	0,92%
Calcium	1,98%
Iron	0,015%
Manganese (Mn)	0,04%
Zinc (Zn)	0,003%
Organic Matter	85,2%

Ascophyllum Nodosum extract • Banana extract (*Musa acuminata*) • Active compounds: amino acids, vitamins, proteins, natural growth-regulating substances, phenolic compounds with antioxidant activity.