

BOTAN ROOT

PRODUCT DATA SHEET

Commercial Name	BOTAN ROOT
Group	Biostimulant
Grade	Agricultural
Manufactured by	Botanitec SpA
Marketed by	Botanitec SpA



Product suitable for use in Organic farming in accordance with the NOP Regulation Control by ECOCERT

COMPOSITION

Plant extract	9.65% w/v
Organic carbon	2.8% w/v
Polyphenols	0.2% w/v
Ascorbic Acid	0.25% w/v
Citric Acid	0.25% w/v
Pollutants:	
Cd ·As ·Pb ·Hg	< 1 ppm
Chap. Antioxidant (DPPH)	4 gTrolox/L
Density (at 20 °C)	1 g/L
pH (at 20°C)	3.3
Formulation	Soluble Concentrate – SL
Action mode	Contact

CHARACTERISTICS

BOTAN ROOT is an organic, natural root growth promoter designed for application on substrates or soil. Formulated with plant-based extracts, its active ingredients include **natural polyphenols that reduce oxidative stress and enhance soil health**. This results in improved plant physiology and resilience against abiotic stress. The product **enhanced root development and promotes more efficient nutrient uptake**, leading to accelerated vegetative growth in the early cultivation stages and increased yields in productive fields, contributing to **greater crop resilience**.

RECOMMENDATIONS FOR USE

Below are the indications for using **BOTAN ROOT** for different crops:

Crop	Application	Number of applications	Dose
Grass and ornamental plants	Since emergency, every 7 to 14 days. For maintenance, every 7 or 14 days.	From 1	3 cc/L
Vegetables	Since transplant, every 7 or 14 days.	1 to 4	3 cc/L
Nurseries	Since transplant, every 7 or 14 days.	From 1	3 cc/L
Fruit orchard in formation	Since transplant, every 14 days.	1 to 3	3 L/ha
Adult productive fruit orchard	During peaks of radical growth.	1 or 2	6 L/ha

APPLICATION, RECOMMENDATIONS AND OTHERS

- Shake each container before use.
- Without automated irrigation: apply after irrigation covering the root zone.
- With automated irrigation: Apply in the second third of irrigation if pipe washing is not done; and in the last third of the irrigation if pipes are washed.
- It is compatible with other commonly used fertilizer products, *Trichodermas spp* and *Bacillus spp*.
- Store in a cool, dark place. Do not be exposed to direct sunlight. The product can accumulate pressure in the container, so it is recommended to open carefully.
- It is not toxic or dangerous for the user and the environment. Its composition makes it a non-phytotoxic formula and is harmless to operators, machinery and the environment. It is not flammable.
- Biodegradable product, approved for use in organic agriculture so it has no deficiency restrictions.
- Durability in sealed container: 2 years.
- Sales formats: 5L and 20L.