

BOTAN SOIL

PRODUCT DATA SHEET

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



COMPOSITION

Plant extract	16% w/v
Organic carbon	11.4% w/v
Polyphenols	0.1% w/v
Ascorbic Acid	0.03% w/v
Citric Acid	0.12% w/v
Br	27 ppm
Pollutants:	
Cd ·As ·Pb	< 1 ppm
Hg	0.3 ppm
Antioxidant Capacity (DPPH)	4 gTrolox /L
Density (at 20 °C)	1 g/L
pH (20°C)	3.7
Formulation	Soluble Concentrate – SL
Action mode	Contact

CHARACTERISTICS

BOTAN SOIL is a **prebiotic, antioxidant-rich composition** with high polyphenol content designed to improve soil health. It is specifically formulated to restore the **balance of the natural soil microbiome and increase nutrient availability**. Its application **promotes root growth, enhancing plant resilience** to abiotic stress. Additionally, its use can reduce the need for chemical products.

RECOMMENDATIONS FOR USE

Below are the indications for using **BOTAN SOIL** 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

FOLIAR APPLICATION

- Guarantee sufficient wetting to ensure uniform coverage of the plant.
- Preferably use with a turbo sprayer to guarantee uniform distribution.
- Apply avoiding the following conditions: dew present, rain for at least 24 hours before and after application, with strong wind (> 11 km/h) due to the risk of drift and/or extreme temperatures.

APPLICATION VIA IRRIGATION

- 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.

RECOMMENDATIONS AND OTHERS

- Shake the container before using.
- It is compatible with other commonly used fertilizer products, *Trichoderma* 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.