

# BOTAN FOLIAR

## PRODUCT DATA SHEET

Commercial Name	BOTAN FOLIAR
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	10% w/v
Organic carbon	1.9% w/v
Polyphenols	0.2% w/v
Ascorbic Acid	0.07% w/v
Citric Acid	0.09% w/v
Pollutants:	
Cd · As · Pb · Hg	< 1 ppm
Antioxidant Capacity (DPPH)	4 gTrolox /L
Density (at 20 °C)	1 g/L
pH (20°C)	3.3
Formulation	Soluble Concentrate – SL
Action mode	Contact

### CHARACTERISTICS

BOTAN FOLIAR is an antioxidant formulation derived from plant extracts, containing active natural **polyphenols and flavonoids that reduce oxidative stress at the genetic level**. This action **enhances photosynthetic efficiency** and aids in mitigating the effects of abiotic stress, supporting plant recovery. As a result, it increases both dry and fresh biomass, while also improving fruit size, firmness, and color. Additionally, it **boosts arginine reserves in the roots, strengthening the crop's resilience**.

## RECOMMENDATIONS FOR USE

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

Crop	Target parameter	Application time	Number of applications	Dose	Suggested wetting (L/ha)
Grass and ornamental plants	Quality and growth	Every 7 or 14 days.	From 4	3 cc/L	-
	Establishment	First application 10 days after sowing or transplanting, every 7 to 14 days.	4	3 cc/L	-
Cherry tree	Caliber	From jacket fall, every 7 to 10 days.	4	3 L/ha	1,000 to 2,000
	Fruit firmness	From fruit set, every 7 to 10 days.	4	3 L/ha	1,000 to 2,000
Table grape and vinifera vine	Bunch weight and quality	From flowering, every 14 days.	2	6 L/ha	500
	Broom quality	From freshly set fruit, every 14 days.	2	6 L/ha	500
Blueberries and berries	Firmness	From freshly set fruit, every 7 days.	4	3 L/ha	500 to 1,000
Apple tree	Caliber and color	From fruit T stage (40 mm fruit), every 7 to 14 days.	4	3 L/ha	1,000
Walnut	Caliber and color	From setting, every 7 days.	4	3 to 6 L/ha	2,000
Almond	Curd and size	From the beginning of flowering.	4	3 L/ha	1,000
Citrus	Caliber and firmness	From setting, every 14 days.	2	6 L/ha	1,000 to 3,000
Fruit orchards In training	Establishment	Since transplant, every 7 to 10 days.	4	3 L/ha	1,000
		Sprouting, every 7 to 10 days.	4	3 L/ha	1,000
Vegetables	Establishment and performance	From 7 to 10 days after transplant, every 7 to 14 days.	4	3 L/ha	500
Nurseries	Vegetative growth	From 7 to 10 days after transplant, every 7 to 14 days.	4 to 6	300 to 600 cc/100L	-

## APPLICATION, RECOMMENDATIONS AND OTHERS

- Shake the container before using.
- 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 (>11km/h) due to the risk of drift and/or extreme temperatures.
- It is compatible with other commonly used foliar 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.