AlgLift®

OUR BIOSTIMULANT

Produced by

BioSyntex
MICROALGAE FOR AGRICULTURE.

Distributed by

CONSORZI AGRARI D'ITALIA

Who We Are

Company

Founded in 2018 with a share capital of €2.3 million:

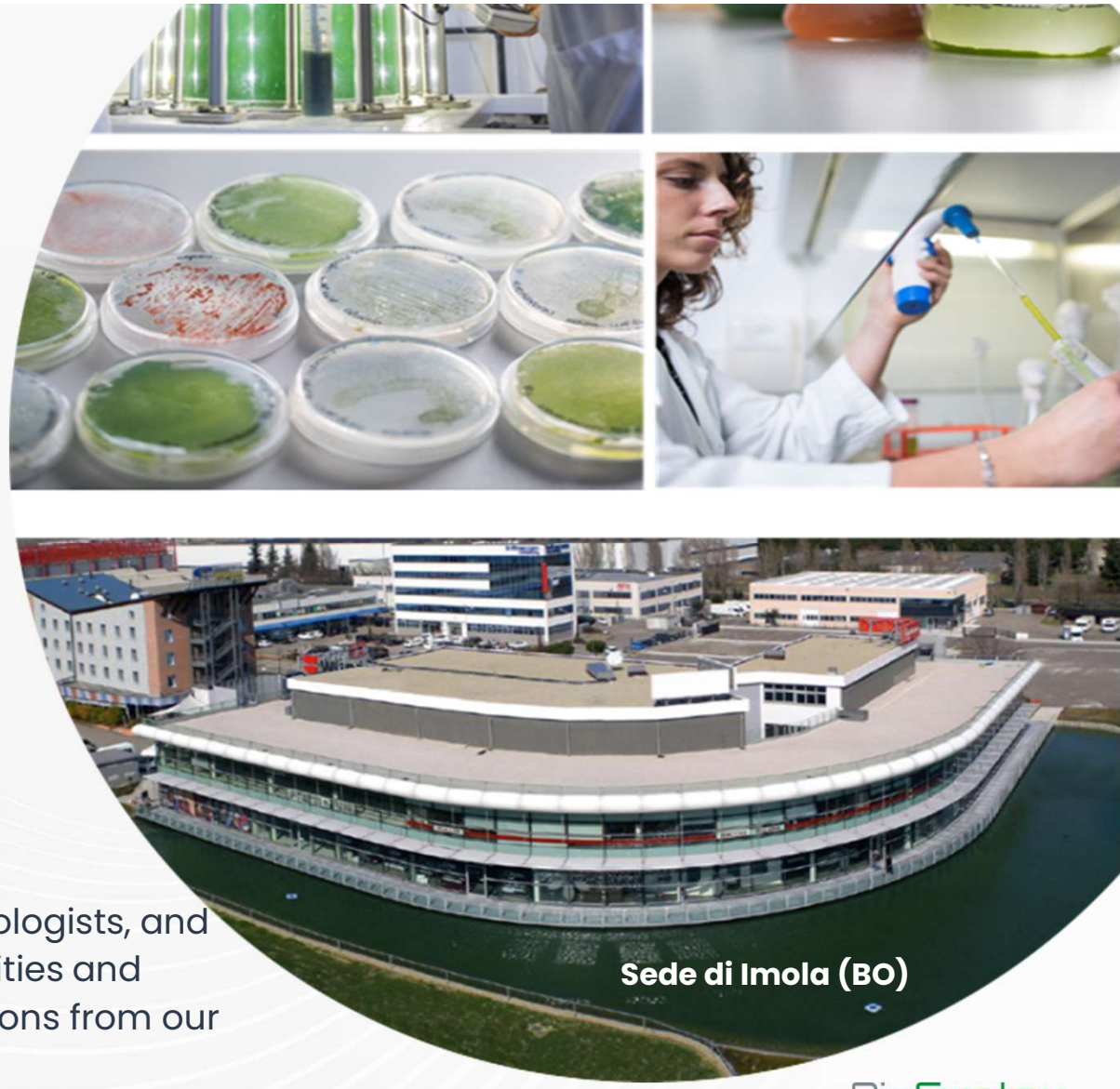
- BF International S.r.l. (50%)
- FINIM S.p.A. (50%)

Green Biotechnologies

We develop sustainable solutions for agriculture, nutraceuticals, animal nutrition, food, and cosmetics based on microalgae.

Expertise

A multidisciplinary team of agronomists, biologists, and biotechnologists collaborating with universities and strategic partners to develop new applications from our microalgae bank.



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Why Biostimulants

IThe agricultural sector is facing multiple challenges — and new opportunities:

Climate Change

Climate change, soil degradation, and increasing pressure to reduce chemical inputs make innovative solutions essential.

Sustainable Growth Trend

Organic farming, sustainability, and nutrient-use efficiency are becoming increasingly important priorities for farmers.

Biotechnologies

Microalgae and biotechnology play a key role in developing biostimulants that improve crop resilience and quality.

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Why AlgLift®

100% Natural
A liquid biostimulant combining biotechnologically produced Chlorella vulgaris and Ascophyllum nodosum.

Approved in Organic Farming
Allowed in organic agriculture according to EU Reg. 848/2018 and 1165/2021.

Effective
Optimizes nutrient absorption.
Improves tolerance to abiotic stresses.
Stimulates both root and vegetative development.

Excellent Miscibility & Compatibility
AlgLift® is fully miscible and highly compatible with commonly used agrochemicals.

Advanced Biotechnological Process
Fermentation ensures standardized, reproducible Chlorella quality — 365 days a year.

CE (Reg. EU 1009/2019)
Planned for Q1 2026.

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Technical Features

AlgLift® is an advanced biostimulant combining Chlorella vulgaris and Ascophyllum nodosum in a concentrated **150 g/L** suspension.

>5%
Organic Carbon

1%
Organico Nitrogen

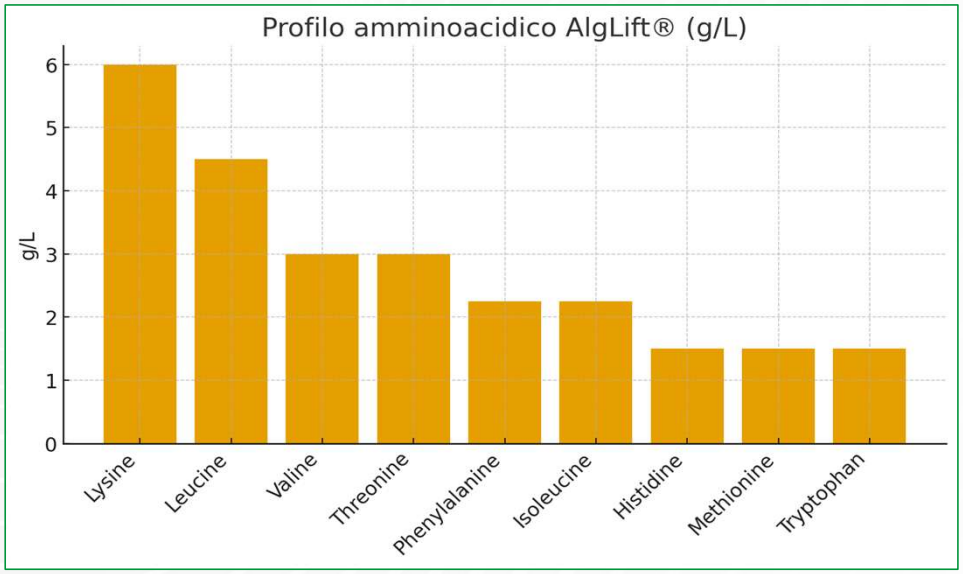
Technical Parameters

pH 4.5
Ideal for ensuring formulation stability.

Natural Phytohormones

Zeatin – Isopentenyl adenine – Cytokinins

Complete Amino Acid Profile



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Safety & Compatibility

Official trials carried out at the Consorzi Agrari d'Italia Testing Center.

Cereals
Full compatibility on durum and soft wheat across multiple growth stages..

Apple
Safety demonstrated on apple crops even under intensive crop-protection programs.

Vegetables
Tomato: full selectivity throughout the entire crop cycle.

Olive
Proven safe integration across treatments, from vegetative start to bloom.

Legumes
No phytotoxicity when AlgLift® - mixed with herbicides on soybean.

Grapevine
Full compatibility with fungicides used against downy mildew and powdery mildew.

AlgLift® has shown versatility and safety, with full compatibility across all tested crops and major agrochemicals.

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How It Works

Root Development

Stimulates root development through natural phytohormones.

Nutrient Uptake

Enhances nutrient uptake.

Stress Tolerance

Improves resilience to abiotic stresses such as drought and salinity.

Higher Quality and Yield

Supports crop performance, improving both quality and yield.

Durum Wheat – Evidence

Triticum durum Var. San Carlo

Trial Conditions

2 L/ha	2	Plot 10 m²
Dosage	Foliar applications	Open field

Agrochemical program

Pacifica Xpert +
Biopower +
Queen
Proline Plus +
Decis Evo

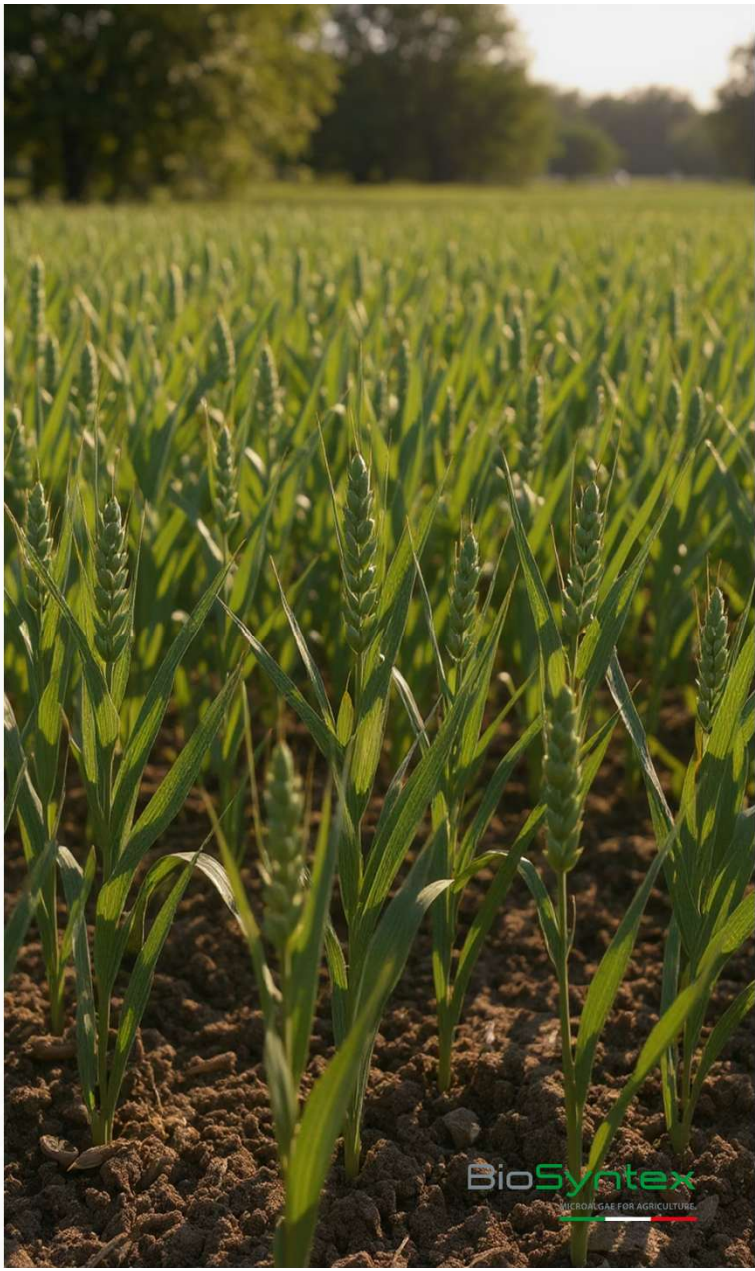
+5% Yield Increase

Observed both as a standalone treatment and in combination with the conventional crop protection program.

Quality parameters unchanged

No significant differences were observed between treatments in terms of protein content and test weight, confirming that the yield increase does not compromise grain quality.

Official trials conducted at the Testing Center of Consorzi Agrari d'Italia.



Durum Wheat – Evidence

Triticum durum Var. San Carlo

Phytopathological Assessments: Septoria

	Trt. 1	Trt. 2	Trt. 3	Trt. 4
Product	-	**AlgLift**	Pacifica Xper + Biopower + Queen / Proline + Decis EVO	Pacifica Xper + Biopower + Queen + **AlgLift** / Proline + Decis EVO + **AlgLift**
Dosage	-	2 L/ha	0.5-1-2 / 1.25-0.5 kg/ha	0.5-1-2 + **2** / 1.25-0.5 + **2** kg/ha

AlgLift® improved overall plant vigor, leading to:

- **Lower Septoria incidence** versus untreated control.
- **Enhanced disease suppression**, outperforming chemical protection alone.

Official trials conducted at the Testing Center of Consorzi Agrari d'Italia.

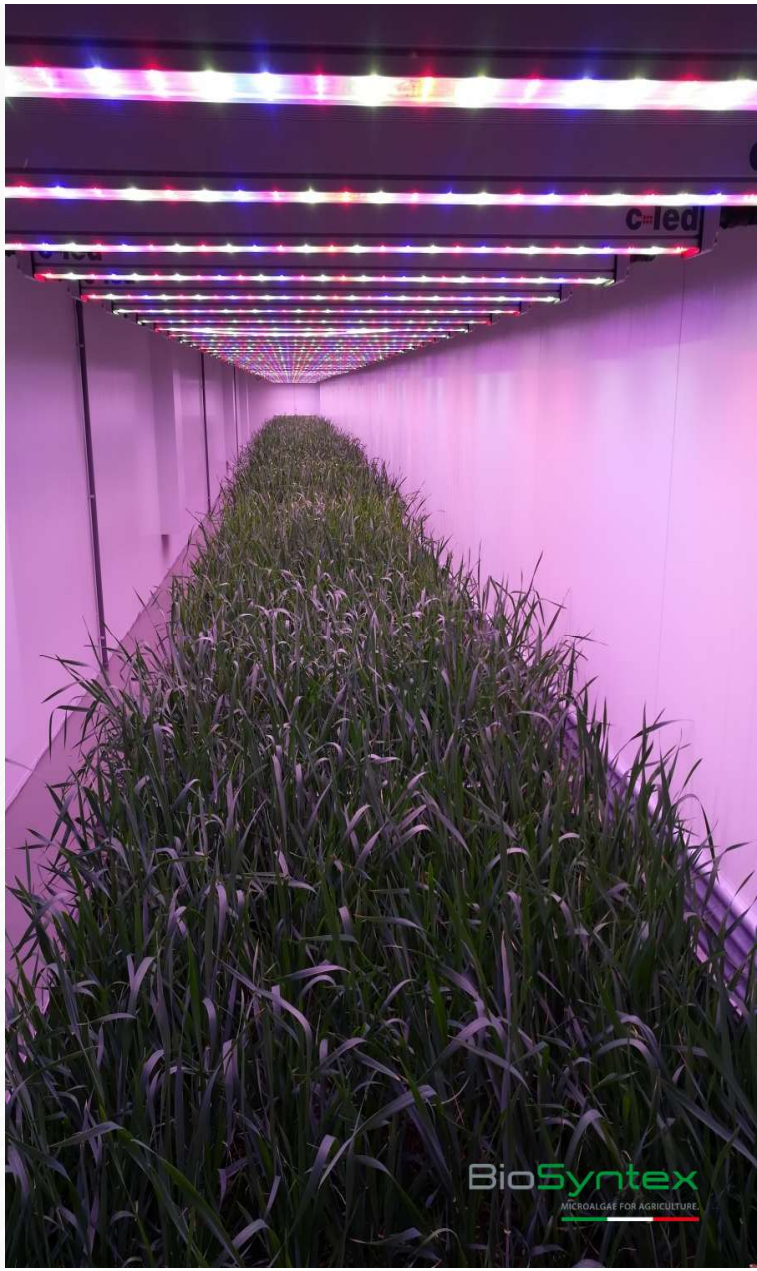
Soft Wheat – Evidence

Triticum durum Var. Confucio

Trial Conditions

2,5 L/ha	2	Growth Chamber	Water
Dosage	Foliar applications	Environment	Stress

+25%	+21%	+81%	+112%
Root length	Root diameter	Root volume	Root biomass (dm^3)



Tomato – Evidence

Solanum lycopersicum H1301

Trial Conditions

2 L/ha	4	Plot 21 m²
Dosage	Foliar applications	Environment

+20%	+15%	>5.5
red/orange fruits(kg/plot)	Total yield (kg/plot)	Optical Residue Brix

Zucchini – Evidence

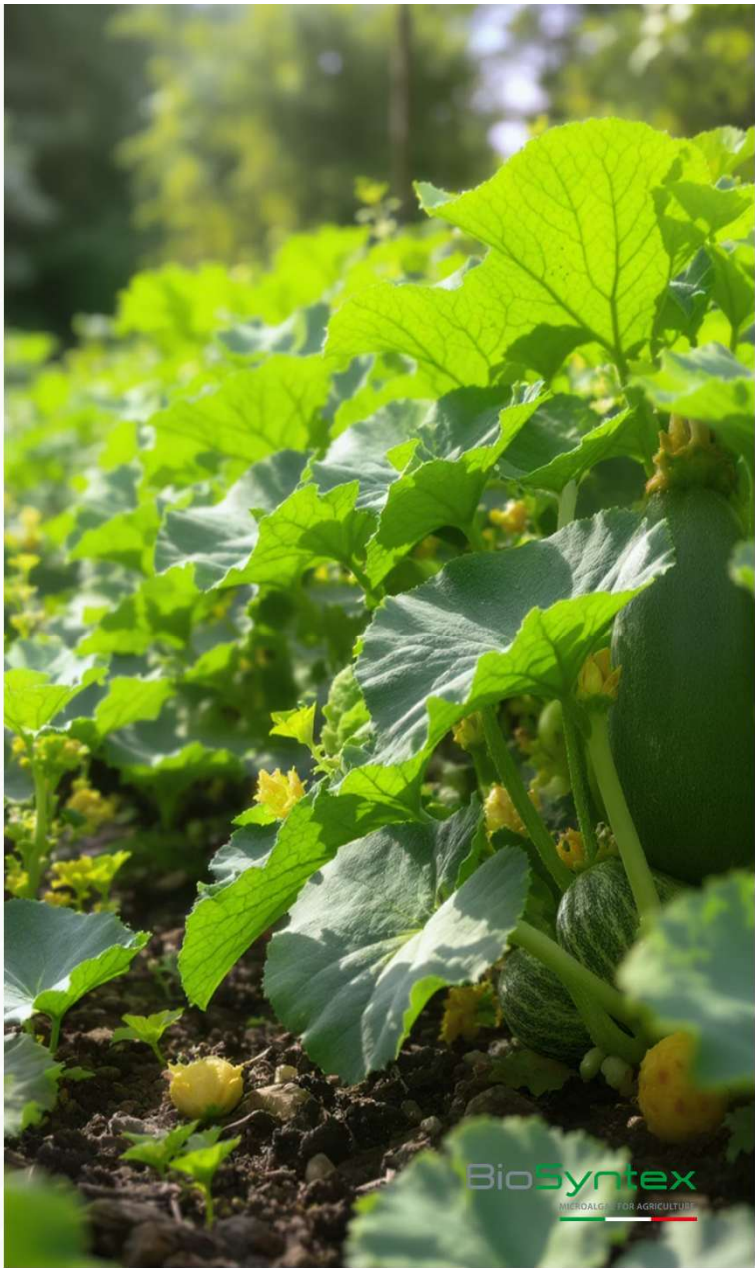
Cucurbita pepo cv. *Diamant*

Trial Conditions

2,5 L/ha	4	Large Plots
Dosage	Applications (drip)	Environment

+4%	+7%	+2.5%
Production	Average fruit weight (300g)	Marketable fruits

AlgLift® has demonstrated positive effects on cucurbits.



Spinach – Evidence

Spinacia oleracea

Trial Conditions

2,5 L/ha	4	Growth chamber
Dosage	Foliar applications	Environment

+10%	+15%	+20%
Fresh weight	Dry weight	Root length

AlgLift® has shown positive effects on leafy crops.

Dosages

Foliar

Application

Tree crops, Vineyards ad Olive
Dosage: 1.5-3 L/ha
Applications: 4-5

Cereals and Legumes
Dosage: 1.5-3 L/ha
Applications: 4-5

Vegetables
Dosage: 1.5-3 L/ha
Applications: 4-5

Fertigation

Application

Tree Crops, Vineyards ad Olive
Dosage: 4-6 L/ha
Applications: 4-5.

Cereals and Legumes
Dosage: 4-6 L/ha
Applications: 2-3

Vegetables
Dosage: 4-6 L/ha
Applications: 4-5

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Available Formats

1 L

Bottle
vented cap

5 L

Fito tank
vented cap

1000 L

IBC Tank
discharge valve

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Natural growth, real results.

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