

# SeabioSOIL®

100% *Lessonia berteroana* / *Lessonia spicata* seaweed extract

Código	Versión	Fecha
FT-SBD	V.01.1	15-12-2025

**Trade Name:** SeabioSOIL®

**Classification:** Seaweed extract

**Action Mode:** Biostimulant

**Grade:** Agricultural

**Formulation:** Soluble Liquid

**Produced and marketed by :** COMEXAL SpA. Caupolicán 9450 - Quilicura, Santiago

**Health Report N°:** 2313173282 **Date:** 01/06/2023

## CHARACTERISTICS

**SeabiSoil®** es 100% extracto de algas de *Lessonia berteroana* y *Lessonia spicata* recolección, de las costas de CHILE, obtenidas a través de un proceso 100% sustentable, para uso como **BIOESTIMULANTE** de especies frutales, hortalizas y cultivos.

**SeabioSOIL®** is 100% composed of *Lessonia berteroana* and *Lessonia spicata* seaweed extract, collected from the coasts of Chile. The product is obtained through a 100% sustainable process and is intended for use as a soil conditioner and **BIOSTIMULANT** for fruit trees, vegetables, and field crops.

## MAIN USES AND ACTIVITIES

1. Improves tolerance to abiotic stress factors
2. Stimulates root growth

## PHYSICOCHEMICAL CHARACTERISTICS

<b><i>Lessonia berteroana</i> / <i>Lessonia spicata</i> seaweed extract</b>	100,00	% p/v
<b>Organic carbon</b>	1,07	% p/v
<b>pH (10%)</b>	12,00	-
<b>EC (10%)</b>	2,10	dS/m
<b>Density at 20°C</b>	1070,00	g/L
<b>Solubility in water at 20°C</b>	99,90	%
<b>Heavy metals (As, Cd, Pb, Hg)</b>	< 0,50	mg/kg

## GENERAL PRODUCT RECOMMENDATION

**SEABIOSOIL®** can be applied to all types of crops: fruit trees, vegetables, extensive crops, hydroponic crops, ornamentals, gardens, and lawns.

**SEABIOSOIL®** is biodegradable and does not have any pre-harvest interval restrictions.

**SEABIOSOIL®** When applied at the recommended dilutions, is compatible with most water-soluble. Fertilizers and phytosanitary products. However, compatibility tests are recommended prior to use.



## PRECAUTIONS

The product has an alkaline pH and may cause irritation to skin and eyes: it is therefore recommended to use appropriate protective equipment when handling (gloves, mask, safety goggles). In case of direct contact, rinse thoroughly with plenty of water.

**Storage:** Keep in a dark, dry and cool place, away from direct sunlight and at temperatures below 30°C.

**In case of spillage :** Clean carefully, absorb and dispose of residues according to local regulations.

**Pre-harvest Interval :** Not applicable.

**Re-entry interval:** After soil drainage.

**Phytotoxicity;** At the recommended doses and dilutions, the product is **not phytotoxic**.

**Compatibility:** Compatible with most crop protection products at the recommended doses and dilutions. A compatibility test is recommended.

## GENERAL RECOMMENDATIONS FOR SOIL USE APPLICATIONS

### SOIL APPLICATION

**Apply Seabiosoil®** through the irrigation system or directly to the soil, using a dilution such that the concentration at the emitter (drip point) does not exceed 1% (Note: Applications of 25 L/ha under standard irrigation conditions result in electrical conductivity (EC) values below 2ds/m.) The recommended doses may vary depending on specific soil characteristics, crop type, and management practices.

**FRUIT TREES BERRIES AND VEGETABLES:** It is recommended to apply 30 to 50 liters per hectare, divided into 10-liter doses, 3 to 5 times during the season, repeating after harvest in FRUIT TREES if necessary. Apply during the final third of the irrigation cycle to target the area with the highest root density.

**CEREALS:** Apply 20 to 40 L/ha, divided into 2 to 4 applications.

	Specific Crops	Application Strategy
Fruit Trees	Almonds, hazelnut, Cherries, Stone fruits, citrus, kiwi, walnut, avocado, pome fruit, table grapes, wine grapes.	Apply 30 to 50 L/ha divided into 3 to 5 applications for each root growth flush.
Berries	Blueberry, Raspberry, Strawberry.	
Cereals	Rice, oat, Barley, Maize, Wheat.	Apply 20 to 40 L/ha divided into 2 to 4 applications.
Vegetables	Garlic, Chilli pepper, Onion, Asparagus, Lettuce, Melon, potato, Bell pepper, Watermelon, tomato, squash.	Apply 30 to 50 L/ha divided into 3 to 5 applications for each root growth flush.

**Batch:** Corresponds to the product manufacturing date indicated on the container.

**Packaging:** Available in bottles of 1, 5, 10 y 20 L liters and 1.000- liter IBC tank .

**Contact:** For sales and technical information call +569 5811 2204.

