



KELPGROW

AGRICULTURE SEA SOLUTIONS

We are committed to help preserve the environment
by providing solutions that are found in nature

KELPGROW®

*Liquid seaweed extract derived
from *Macrocystis Integrifolia**



**NATURALLY RICH
IN BIOLOGICALLY
ACTIVE COMPOUNDS**

.....
**STIMULATES
THE BALANCED
GROWTH OF CROPS**
.....



West Coast Marine Bio Processing

www.kelpgrow.com

West Coast Marine
Bio Processing
is part of Biolchim Group



www.biolchim.it

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Liquid seaweed extract derived
from *Macrocystis Integrifolia*

NATURAL
EXTRACTIVE
PROCESS
100%

The natural extraction process

The effectiveness of the products of the Seaweed Line is the result of the high concentration of phytohormones and nutrients naturally contained in *Macrocystis integrifolia*. The gentle entirely mechanical extraction process grants the maintenance of the original structure of the compounds that are released from the seaweed. This unique manufacturing process brings significant advantages:

- grants an exceptionally high concentration of top-quality raw materials;
- preserves the biological activity and performance of the bioactive compounds;
- allows to control and oversight the whole production process – from seaweed harvest to the final commercial product.



PACKAGING: 1 L – 20 L

the benefits of *Macrocystis Integrifolia*

Macrocystis integrifolia is naturally rich in biologically active substances, such as **polysaccharides, enzymes, vitamins** and **phytohormones**. Among polysaccharides, the alginates and the laminarins stimulate the tolerance of the plant to environmental and physiological stresses, while vitamin E (tocopherol) has a strong anti-oxidant action. Natural plant hormones regulate vegetative-productive growth, promoting cell division and extension (auxin-like/gibberellin-like action). This affects positively both the aerial part of the plant (leaves, shoots and fruits), and the root development.

KELPGROW

- promotes root development increasing the plant's ability to uptake available nutrients;
- improves plant tolerance to stress conditions, like frost, high temperature and drought;
- improves crop yields through improved blooming and improved fruit set;
- improves quality of fruits: larger and more uniform size, better taste and longer shelf life;
- in horticulture, it promotes the growth of young tissues, allowing the plant to be productive for longer periods.

METHODS OF APPLICATION AND DOSAGES

FOLIAR APPLICATION

- **KIWIFRUIT:** 3–4 applications per season, beginning from vegetative restart 1–2 L/ha
- **FRUIT TREES, WINE AND TABLE GRAPE:** during the whole crop cycle, 3–4 applications every 7–10 days 2–3 L/ha
- **APPLE AND PEAR TREES:** 1–2 L/ha
- **VEGETABLES IN GREENHOUSES:** during the whole crop cycle, 3–4 applications every 7–10 days 2–3 L/ha
- **VEGETABLES IN OPEN FIELD:** during the whole crop cycle, 3–4 applications every 7–10 days 2–3 L/ha
- **INDUSTRIAL CROPS:** during the whole crop cycle, 3–4 applications every 7–10 days 1.5–2.5 L/ha
- **CEREALS:** during the whole cycle, 1–2 applications 3–5 L/ha
- **FLOWERS, ORNAMENTAL CROPS, NURSERY:** during the whole crop cycle, 2–3 applications every 7–10 days 100–200 mL/hL

APPLICATION BEFORE TRANSPLANTING

- **VEGETABLES CROPS:** soak seedling trays before transplanting 1 L/100 L
- **TUBER CROPS:** dip seed potatoes for 5 min. before planting 1 L/400 L
- **TREE CROP:** soak soil around new planting 1 L/400 L



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