

MODUS OPERANDI

STIM BLUE

A 360-DEGREE APPROACH

StimBlue+ is a biostimulant made from 100% cultivated Giant Kelp (*Macrocystis Pyrifera*).

Thanks to its wide spectrum of beneficial elements, seaweed extracts enhance plant growth and productivity while improving soil health by retaining moisture and by encouraging the development of helpful soil microorganisms. These will free organic compounds and make them available for plants.

StimBlue+ mimics the natural processes happening within the plants' growing cycle by:

- + Modulating the phytohormones and antioxidative enzymes at vegetative and reproductive stage;
- + Regulating physiological, biochemical and molecular mechanisms like jasmonic acid signaling pathway, salicylic acid pathway, and reactive oxygen species to enhance defence mechanisms;
- + Promoting the development of lateral roots, leaves and leaflets' architecture, leading to better nutrients uptake and transport.



These components will act in synergy to stimulate the plant and up- or down-regulation of key components of crops' development, leading to higher yields, tighter interactions between plant and soil components and greater resistance to abiotic stresses.

+ **STIMULATES**
plant metabolism

+ **IMPROVES**
crop yield

+ **REDUCES**
the impact of abiotic stresses



Accelerating the shift to sustainability in agriculture and reviving coastal communities, by revolutionizing seaweed cultivation through planting vast kelp forests that rewild our oceans, boost biodiversity, and lock away carbon.



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Kelp Blue

USAGE & DOSAGE

RECOMMENDATIONS

StimBlue+ is suitable for transplanting, soil and foliar applications. Thanks to its miscibility and pH, the best results occur with balanced fertilisation programs, agrochemicals and efficient water management.

StimBlue+ can be sprayed directly on the soil or, for drip irrigation systems, through tape or micro-sprinklers, as a pulse during the last 10 minutes of the irrigation cycle.

For its application, shake before use. We recommend treating the crops in the morning or evening to avoid intense solar radiation.

SUGGESTED USAGE



Seed soaking

**optional*

Before planting/transplanting, soak the seeds/rootlings for 20 minutes in a solution with 4% biostimulant. Adjustments are made based on the specific seed type.



Drench application

**optional*

During transplanting, in a furrow before covering it with the soil. The seeds and a slight part of the soil will be treated simultaneously. Spray with a solution with 4% biostimulant.



Foliar application

Apply StimBlue+ 2 L/ha in a concentration of 0.2-2% to be mixed in the water tank.

APPLICATIONS CALENDAR

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