

THE BIO BOOSTERS



General Hydroponics brings together a group of outstanding scientists who often come from the most eminent research centres in the world. It is thanks to their ground-breaking ideas and to the studies carried in our laboratories and tested in our greenhouses that we continue to offer you high end products which are unique - and often imitated.

At the same time, and since the very opening of the company, we sponsor external studies in the best universities world-wide. We are well known in the international scientific community in such a way that sometimes independent researchers submit the results of their works to us.

Through our research on organic stimulators we have found quite an extraordinary line of products that we are proud to offer to you despite the fact that we are not their inventors: these are the **Bio Boosters**. Our tests, as well as those conducted by several of our clients, are dazzling.

Essential products at the edge between plant nutrition and plant protection, the **Bio Boosters*** (**Bio Bloom**, **Bio Roots** and **Bio Protect**) are 100% organic activators.

Bio Bloom & Bio Roots contain amino acids with detoxifying effects, and oligo saccharins with fungicidal effects. They stimulate the plant's growth, strengthen its immune system, and increase its resistance to disease and climatic conditions, especially to cold.

Bio Bloom is a growth and bloom activator.

- One of its specialties is to carry the nutritive elements in the plant, favouring the parts that are most deprived. By securing a balanced nutritive delivery, it increases its power of absorption and growth by more than 20%.
- In soil, it activates the micro organisms, thus stimulating the flow and intake of nutritive substances.
- It increases the size of the leaves and improves the photosynthesis process.
- It particularly enhances the assimilation of Calcium.
- Bio Bloom stimulates flowering, as good assimilation increases natural immunity and allows better resistance to disease. Your crops will be healthier and your harvests more abundant.



Composition : Bio Bloom is made of plant and fruit essences and oils. It is 100% natural. Like Bio Protect and Bio Roots, it stems from ecological recycling with no addition of chemical and synthetic products, or artificial fertilizers.



Application: Directly in the nutritive solution :

2 ml for 10 l (or 4 drops per litre).**

- It is strongly recommended to use Bio Bloom and Bio Roots together from the beginning of the vegetative stage.
- After root development: stop Bio Roots, and continue with Bio Bloom alone.
- 10 days before harvest: stop Bio Bloom and rinse with water (pH 5,5 – 6,5) until the last day.
- Follow dosage carefully. Keep Bio Bloom in the fridge.

Bio Roots is a root activator:

- It stimulates the development of micro organisms in the root mass and promotes the growth of roots and rootlets.
- It improves the root's biotope and hardens the root cap. This activates the development of a vigorous root mass and a better settlement of the plant in

its environment.

- It allows better resistance to disease and pathogenic moulds (powdery mildew, dumping off in seedlings and cuttings, etc).

Composition : Bio Roots is made of plant and fruit essences and oils. It is 100% natural. Like Bio Protect and Bio Bloom, it stems from ecological recycling with no addition of chemical and synthetic products, or artificial fertilizers.

Application: Directly in the nutritive solution :

1,2 ml for 10 l (or 2 drops per litre).**

- ◆ Use Bio Roots alone for cuttings
- ◆ Combine Bio Roots with Bio Bloom during the vegetative stage of the plant.
- ◆ Follow dosage carefully. Keep Bio Roots in the fridge.

Bio Protect is a plant tonic and regenerator.

- It strengthens its immune system by increasing the production of alkaloidal repulsive saps in the leaves and the flowers.
- It increases its defence system by laying a protective and repellent coat on the surface of the leaves.

Those 2 actions complete the plant's defence system and naturally wards off insects.

Composition : Bio Protect is totally biodegradable. It is made of 100% natural plant and fruit extracts and contains micro elements. Like Bio Bloom and Bio Roots, it stems from ecological recycling with no addition of chemical or synthetic products, or artificial fertilizers.

Application:

Apply in a fine foliar spray, preferably in demineralised water:

3 to 5 ml per litre (or 40 to 60 drops)**

**** 12 drops = 1 ml**

- ◆ A few days after the final transplant:
in the evening, once a week, for 3 weeks. No more.
- ◆ Spray in the evening, under high humidity levels (over 75%).
- ◆ Shake well before using. Keep Bio Protect at room temperature.

*** The Bio Boosters are manufactured naturally, with respect to the environment. They are totally biodegradable. They are registered as organic products in Germany and Holland under a different denomination. Registration under the present name is pending.**



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