



FytoBooster®

FytoBooster® is the manufacturer and supplier of the next-generation substrate for sustainable agriculture in the North American market. Developed in the Netherlands, FytoBooster® foam is a lightweight but very stable, sponge-like substance that makes the perfect soil/substrate for all your plants. It's an aminoplast resin, composed of organic elements. The open-cell structure provides great water absorption capacity and air availability, resulting in excellent germination and root development.

THE NEXT GENERATION SUBSTRATE FOR SUSTAINABLE AGRICULTURE.

FytoBooster® products can be widely used across the agricultural sector. They cover the entire cultivation cycle and are reusable for further value-contributing, sustainable applications. Our products include: FytoPlugs, FytoFlakes, and FytoSlabs.

Visit our website for more information: www.fytobooster.green

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EXCEPTIONAL BENEFITS:

- ✔ Provides perfect air/water ratio for optimal rooting
- ✔ Clean sterile substrate
- ✔ 100% bio-disposable and compostable
- ✔ Easy to use in hydroponics
- ✔ Unmatched capillary action & water conservation

Products:

FytoPlugs

The plugs form the perfect starter base for all your seeds and propagating. FytoBooster FytoPlugs provide a completely sterile, inert substrate and allow enough space for one seed or cutting and can be transplanted into any substrate. Because the plugs maintain the 70:30 ratio of water to air, this prevents overwatering for stronger root systems and a better start for your seedlings/cuttings.

FytoFlakes

FytoFlakes and FytoCell® are extremely versatile. They can be mixed with potting or gardening soil to significantly increase the quality of your soil. They can also be used exclusively without any soil added; FytoCell® flakes, in particular, are pH neutralized. FytoFlakes and FytoCell® always maintain air space within their structure; preventing water-logging and the rotting of plant roots. This air space also reduces soil compaction in the root zone. FytoFlakes and FytoCell® flakes can achieve up to a 60% irrigation reduction and much healthier growth of grass or plants.

FytoSlabs

Consist of plastic sleeves filled with FytoCell® flakes. The sleeves can grow from seed or receive starter plants from FytoPlugs or other growing mediums in the top of the sleeve. Irrigation can then be connected from any angle, and a simple cut in the sleeve bottom will ensure the perfect balance of water, nutrients and air into the root system during the growth cycle of the plants.





Optimal Growth

Will encourage faster healthier growth of plants from start to finish.



Economical

Lower overhead costs of water and nutrients by up to 60%.



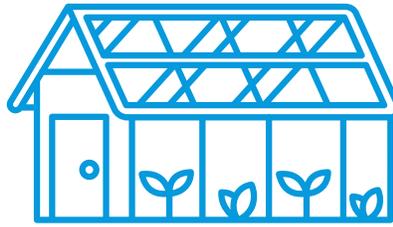
Proven Sustainability

Environmentally safe, reusable and completely bio-disposable.



Comprehensive

Unmatched capillary qualities and suitable for all plant types.



Scalable

For all types of growers from your home windowsill to commercial farming.



Synthetic Organic

Compound offering an inert, sterile substrate.

Applications:

Commercial Agriculture, Sod Farming, Horticulture and Hydroponics

FytoFlakes provides professional produce growers with a completely inert, soilless substrate. It complements the strict watering regimes as well as acts as a buffer to manage consistent availability of nutrients, and air saving growers on water/nutrient consumption.

Sports Fields

Sports fields (golf courses, tennis courts, soccer fields, cricket pitches, etc.) require dense plant growth to withstand constant heavy foot traffic. On top of quality improvement, Fytofoam® provides substantial water saving in the maintenance cycles. Fytofoam® can be applied either by incorporating it into root zones during construction achieving the ideal growing environment for quality turf grasses, or during resurfacing or routine maintenance.

Roof Gardens

The basic ingredient for a successful, long-term roof garden will be the right choice for substrate, the hardware and the plants. HydroCell® will substantially contribute to the success of your garden. Major benefit of using HydroCell® is it's insulative qualities during warm and cold periods, resulting in less heating and cooling costs as well as positive effects on biodiversity in the direct surround area.

Vertical Gardens

FytoCell® is the only product worldwide which is able to transport water by capillarity to a substantial height making it ideal for vertical growing. FytoCell® is the right choice for the growing medium because of it's noncombustible, lightweight properties and the volume needed is relatively small. Plant roots will grow into the FytoCell® substrate flakes and they will facilitate water and nutrition after irrigation.

FytoBooster® is the best alternative for existing growing substrates that have negative environmental impact.

Technology used worldwide for more than 25 years, FytoBooster® is the only substrate that is bio-disposable, compostable, water conservative, yield elevating, and contributes to a sustainable world.

The matrix below compares the unique properties of FytoBooster® with existing substrates:

	pH Balance	Inert Product	Sterile	Water Saving	Nutrient Saving	Air Supply	Stable Product	Compostable	Uniformity	Environmental Impact (carbon Footprint)
FytoBooster®										LOW
Biochar										HIGH
Vermiculite										HIGH
Perlite										HIGH
Peat										HIGH
Coir										MID
Stonewool										HIGH

Source: Savvas, D., & Cruda, N. (2018). Application of soilless culture technologies in the modern greenhouse industry—A review. European Journal of Horticultural Science, 83(5), 280–293. <https://doi.org/10.17660/ejhs.2018.83.5.2>

START USING FYTOBOOSTER® TODAY AS YOUR GO TO SUBSTRATE.

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