



# BAC



BIOLOGICAL  
ACTIVATED  
COCKTAIL



Registered by  
the Vegan Society



SPANNABIS MALAGA



EXPOGROW IRUN



SPANNABIS BARCELONA



EXPOGROW IRUN



SPANNABIS MADRID



EXPOWEED CHILE



SPANNABIS BARCELONA



INDICASATIVA BOLOGNA



CANAPA MUNDI ROMA



INDICASATIVA BOLOGNA



INDICASATIVA BOLOGNA

[www.baconline.co.uk](http://www.baconline.co.uk)



# Organic stimulators for plants



We offer high-quality, highly concentrated,  
natural organic stimulators for plants, shrubs and trees.

They increase the crop and improve the firmness  
of the plant in a short time.



SPANNABIS MALAGA



EXPOGROW IRÚN



EXPOGROW IRÚN



EXPOWEED CHILE



SPANNABIS BARCELONA

## Bloom stimulator

**Stimulates the multiplication of the beneficial micro-organisms in your medium ensuring faster absorption and transport of the nutrients (K) in the plants. This means that your crop will grow flowers quicker.**

Furthermore, these micro-organisms ensure the creation of oxygen and binding the oxygen in the capillary. The soil is also protected against various soil diseases by the multiplication of the beneficial micro-organisms. BAC Bloom Stimulator has a cleaning effect on the drippers so that the drippers and hoses are not blocked. Moreover, this bloom stimulator increases the pH value near the root. Always store in a cool place and do not use enzymes for these organic products; these are created by micro-organisms! This bloomstimulator is very highly concentrated.

Dosage: 2 ml per 10 liters of water. Can be given with every watering.

For more information on usage :

Note: the dosage is only a guideline for use. No rights can be derived from this.

Can be given with every watering.

Available in: 60 ml, 120 ml, 300 ml and 1 liter.



## Root stimulator

**Stimulates the growth of the beneficial micro-organisms in your medium for the benefit of absorbing the nutrients through the roots. Furthermore, these micro-organisms ensure the creation of oxygen and binding the oxygen in the capillary.**

This root stimulator also better protects the root environment against all types of soil diseases. BAC Root Stimulator has a cleaning effect on your drippers (no blockage in the capillaries and drippers) and lowers the pH value near the root. Always store in a cool place and do not use any more enzymes with these organic products! This Root Stimulator has a very high concentration!

Dosage: 1 - 2 ml per 10 liters of water.

Note: the dosage is only a guideline for use. No rights can be derived from this.

Can be given with every watering.

Available in: 60 ml, 120 ml, 300 ml and 1 liter





## Pro Active

**BAC Pro-Active consists of various vegetable amino acids, vitamins and vegetable protein.**

By using pro-active, your crop will have a more vital development regarding the structure of both root (hairs), leaves (green colour) and the production of flowers, as well as the balance (symbiosis) in your medium (soil life).

Dosage:

Growth period: Spray 100 ml per 10 liters of water.

Flowering period: 1 - 3 ml per 10 liters of water.

Note: the dosage is only a guideline for use. No rights can be derived from this.

Available in 120 ml, 500 ml and 1 liter.



## Foliar Spray

**BAC Foliar Spray ensures the quick creation of chlorophyll (green colour) in the leaf. BAC Foliar Nutrition stimulates the micro-organisms living on and in the leaf (photosynthesis bacteria) that ensure the creation of chlorophyll.**

This foliar spray is also used as a plant enhancer, which will make your crop stronger and the leaves thicker. Mildew, Botrytis and other plagues will have less of a chance to affect your crop. Furthermore, BAC Foliar Nutrition contains ingredients that make the crop uninteresting to enemies, such as thrips and spider mites. It will be much easier to keep these enemies at bay as they no longer like your crop. Prevention is better than cure.

Dosage: Spraying: 40 ml per 10 liters of water.

To be used in the 1st week of growth and in the 1st and 3rd week of flowering.

Note: the dosage is only a guideline for use. No rights can be derived from this.

Available in 10 ml , 20 ml, 500 ml and 1 liter.





## Final Solution

**This BAC Final Solution provides quick fermentation of all waste around the root/root hairs. By stimulating specific groups of micro-organisms, these will start to produce enzymes.**

These enzymes will ensure that waste, such as Chlorine (Cl) and Natrium (Na), which are present in tap water, will be bound. This (harmful) waste thus has no more influence on the EC near the root. Your crop will have all the possibilities of absorbing the usable elements of BAC PK Booster. This product is also suited for upgrading your substrate. Always store in a cool place and do not use any more enzymes for these organic products!

Dosage: 6 ml per 10 liters of water.

Give in the 1st week of growth and the 1st and 5th week of flowering.

Note: the dosage is only a guideline for use. No rights can be derived from this.

Can be given with every watering.

Available in: 60 ml, 120 ml, 300 ml and 1 liter



## Organic Bloom

**BAC Bloom Nutrition is especially developed to meet all your crop needs during the bloom cycle. We work using very high-quality and easy to absorb organic fertilisers.**

By using BAC Bloom Stimulator, the beneficial micro-organisms are fed and thus quickly increased. They provide the direct availability of the required elements from BAC Bloom Nutrition for your crop. These beneficial micro-organisms will also ensure the creation of more oxygen in your feed water and binding it.

Thanks to the balanced bloom nutrition, your crop will be provided with what it actually needs resulting in a faster, better development during the blooming phase. Especially the flower positioning and eventual flower formation will be exuberant. Combined with BAC Bloom Nutrition and BAC Bloom Stimulator, your crop will be better protected against all types of disease (Pythium/Fusarium), insect plagues (thrips/spider mites) and possible climate errors on behalf of the grower.

By using BAC Bloom Stimulator and by applying BAC Fungi, these useful micro-organisms are stimulated to a high extent. This results in an optimum balance in your crop's soil life. BAC organic bloom nutrition comprises of ingredients approved by the Soil Association. Thanks to the high amounts of trace elements and sugars, this fertiliser works harmoniously in conjunction with the soil bacteria and Mycorrhiza of BAC. This product contains Yuccah, a natural dissolving agent that contributes to the proper soil penetration of the fertiliser. Yuccah also contributes to the stable water management in both full soil/Cocos cultivation and in pots. The end result is a better flavour, aroma and quality of your end product.

NPK 5-2-5

5.2 % total nitrogen (N), of which 5 % biological nitrogen (N)

2.0 % water-soluble phosphoric anhydride (P<sub>2</sub>O<sub>5</sub>)

5.5 % water-soluble potassium oxide (K<sub>2</sub>O)

Dosage: 20 - 30 ml per 10 liters of water.

Note: the dosage is only a guideline for use. No rights can be derived from this.

Can be given with every watering.

Available in 500 ml, 1 liter and 5 liter.





## Organic Grow

**BAC Growth Nutrition is especially developed to meet all your crop needs during the growth cycle. We work using very high-quality and easy to absorb organic fertilisers.**

By using BAC Root Stimulator, micro-organisms are fed and created faster that provide direct availability of the required elements from BAC growth nutrition for your crop. Your crop requires more nitrogen (N), phosphorous (P), calcium (Ca) and magnesium (Mg) during the growth phase.

Thanks to the balanced growth nutrition, your crop will be provided with what it actually needs resulting in a faster, better development during the growth phase.

The attention in the growth phase is focused on stimulating root growth, the creation of growth shoots and the general foundation of your crop in order to grown into a strong, close-knit crop. Combined with BAC Growth Nutrition and BAC Root Stimulator, your crop will be better protected against all types of disease (Pythium/Fusarium), insect plagues (thrips/spider mites) and possible climate errors on behalf of the grower.

By using BAC Root Stimulator and by applying BAC Fungi, these useful micro-organisms are also stimulated to a high extent. This results in an optimum balance in your crop's soil life. BAC Organic Growth Nutrition comprises of ingredients approved by the Soil Association. Thanks to the high amounts of trace elements and sugars, this fertiliser works harmoniously in conjunction with the soil bacteria and Mycorrhizae of BAC. This product also contains Yuccah, a natural dissolving agent that contributes to the proper soil penetration of the fertiliser. Yuccah also contributes to the stable water management in both full soil cultivation or in pots.

NPK 7-2-3

7.3% total nitrogen (N)

2.0% Phosphate (P)

2.5% Potassium oxide (K<sub>2</sub>O)

Dosage: 10 - 20 ml per 10 liters of water. Can be given any watering.

Note: the dosage is only a guideline for use. No rights can be derived from this.  
Can be given with every watering.

Available in 500 ml, 1 and 5 liters



### BAC plant food with Vegan Certificate.



*At BAC we have developed a range of products that meet the requirements for vegan cultivation.*

*BAC is the first company to produce products within the Dutch plant nutrition market sells with the Vegan Quality Mark. We want to stimulate the Vegan plant cultivation.*

*All our products with the Vegan Quality Mark have been approved by The Vegan Society in Birmingham.*

*You can recognize these products by the Vegan Logo.*

### Vegan Friendly company



*The Dutch Association for Veganism has also added us to the list of Vegan Friendly companies. You will find us in the webshops category under the name BG Products B.V. / BAC*





## PK Booster

**BAC PK Booster has already led to the best results in English agriculture and horticulture. This organic PK booster provides an exuberant sugar formation in your flowers. This will strongly increase the quality.**

Furthermore, the taste and scent will be influenced positively. As BAC PK Booster is tuned to your crop, it will also not disturb the balance. BAC PK Booster comprises of ingredients approved by the Soil Association. Thanks to the high amounts of trace elements and sugars, this fertiliser works harmoniously in conjunction with the soil bacteria and Mycorrhiza of BAC.



This product contains Yuccah, a natural dissolving agent that contributes to the proper soil penetration of the fertiliser. Yuccah also contributes to the stable water management in both full soil/Cocos cultivation or in pots. The goal is to achieve maximum yield in flavour, scent and quality. This Organic PK Booster has a high concentration!

NPK 4-2-8

4.2% nitrogen total (N)

1.8% Phosphate (P)

7.8% Potassium oxide (K<sub>2</sub>O)

Dosage: 10 - 40 ml per 10 liters of water.

Note: the dosage is only a guideline for use. No rights can be derived from this.  
Can be given with every watering.  
Shake well before use.

Available in 500 ml, 1 liter and 5 liter.



## Funky Fungi

**BAC Fungi comprises of, among other things, 4 types of Mycorrhizae. By using these fungi in conjunction with BAC Stimulators, they will colonise more rapidly and continuously around your crop's root system.**

Mycorrhiza is Greek for 'fungus root'. It is a symbiosis between plants and specific fungi. In nature, Mycorrhiza fungi are required for the survival of all plants. They are adjusted perfectly to find water and minerals in the soil and to transfer them to the plant. Through photosynthesis, the plant will create the carbon connections it requires with which it will, in turn, feed the fungus. Both partners profit from each other, which is the reason why over 99% of all plants enters into such a symbiosis.

These fungi grow in and around the plant root. From the root, they grow in the ground and create a tight-knit network of fine fungus threads. This increases the size of the root system thus improving the absorption of water and minerals, such as phosphorous, potassium and trace elements. The fungi can reach soil pores that are too small for the plant roots and can make bound elements available to the plant.

Instructions: Use 5 grams per plant around the roots and mix well into the soil.

Available in 50 gr, 100 gr, 200 gr and 500 gr.



## Biotablets

**BAC Biotablets have been developed for the fertilisation of new and existing plants.**

The tablets contain slow-acting fertilisers in combination with natural humic acids and beneficial soil bacteria. These improve soil quality, enabling optimal absorption of the fertilisers. Your plants will grow and flourish profusely. BAC Biotablets are 100% organic.



ORGANIC FERTILIZER,  
Compound organic fertilizer  
NPK 12-8-8  
NPK composition in weight percentages

Nitrogen total - N-up to 12.0%  
Nitrate -  $\text{NO}_3\text{-N}$  4.1%  
Ammonium -  $\text{NH}_4\text{-N}$  1.6%  
Phosphorus pentoxide  $\text{P}_2\text{O}_5$  Water soluble 8.0%  
Potassium oxide  $\text{K}_2\text{O}$  Water soluble 8.0%  
Trace elements: Iron (Fe) 2.5%  
Specific weight 1.102 g /  $\text{cm}^3$

Instructions:  
For Potting Soil and Cocos.  
Push the tablets 5 to 10 cm deep into the potting soil or coconut close to the roots. Water the plants.

Usage:  
5 liter jar 1 tablet.  
10 liter jar 2 tablets.  
20 liter jar 3 tablets.  
30 liter jar 3 tablets.  
50 liter jar 4 tablets.

Benefits:  
A better and more natural alternative to slow-acting fertiliser tablets  
Constant improvement and enrichment of soil life  
Perfectly safe for your plants and will not burn plant roots  
Unabsorbed nitrogen bonds with beneficial bacteria and will therefore not leach  
The tablets do not leave any residue and are easy to use  
Suitable for houseplants, tub plants, pot plants and hanging plants  
We recommend that you use Biotablets in combination with Funky Fungi and BAC stimulators.



## X-Seed

**X-Seed is one of our 100% natural plant enhancers. It is a revolutionary product to improve and accelerate seed germination!**



X-Seed is a completely vegetable product for the treatment of seeds and is also used in horticulture. It is an excellent means of promoting seed germination. In addition, it is a root and growth stimulator in one.

You can use X-Seed to treat various vegetables such as tomatoes, peppers, aubergines, lettuce, cucumbers and cabbage, as well as small flower seeds. The successful results have been demonstrated through tests by the Faculty of Horticulture of the University of Agricultural Sciences and Veterinary Medicine in Bucharest.

With X-Seed you increase the plant's resistance to pathogenic fungi, in particular specific diseases that attack the roots. The fact that the product is 100% natural means that X-Seed can be used in both conventional and organic agriculture and horticulture.



### Instructions:

Place enough X-Seed in a bowl for immediate use  
10 ml is sufficient for 20 seeds.

To avoid contamination of the product, only use the product for a single group of seeds and do not return the remaining liquid.

Let the seeds soak for at least 60 minutes before planting.

This treatment can be applied to untreated and chemically treated seeds, whereby X-Seed is compatible with any other product, biological or chemical.

### Benefits:

Is very effective

Offers a certain cultivation

Is not a synthetic chemical

Accelerates root growth

Increases the vigor of the plant

Improves the plant's immune system

Increases the absorption of fertilizers and nutrients

Eight days after sowing, the treated plants are between 300 and 400% further and better developed than untreated plants!

Available in 10 ml and 100 ml

## Bioclone



**100% natural cuttings gel for an optimum start of cutting material. Quick rooting and excellent growth.**

Bio Clone gel is a 100% natural cuttings gel. It ensures an optimal start of cuttings and fast rooting. Bio Clone is an exuberant growth enhancer for your plant. It is a completely vegetable derivative, which contains the ideal proportions of trace elements. The product is not dangerous and biodegradable.

### Instructions:

Dip 20-30 mm of the cutting in the Bioclone gel

Immediately afterwards insert the cutting into the growing medium

Provide a moist environment until root development and new leaves has formed.

Available in 100 ml, 250 ml and 1 Liter.





## Starterskit (large)

The BAC Organic Starter Kit has been put together so that you can easily get acquainted with the high-quality organic plant food from BAC. The starter package contains everything you need for +/- 1m<sup>2</sup>. As an extra promotion, the package even contains enough Root Stimulator, Bloom Stimulator, Organic PK Booster and Final Solution for several times. At the next breeding, you only have to buy extra Organic Grow and Organic Bloom.

Content:

X-Seed 10 ml sachet  
Organic Grow 250 ml  
Organic Bloom 250 ml  
Organic PK Booster 250 ml  
Root Stimulator 30 ml  
Bloom Stimulator 30 ml  
Final Solution 30 ml

Note: the dosage is only a guideline for use.  
No rights can be derived from this.  
Can be given with every watering.



Where the organic growth ensures optimum construction of the skeleton, roots / root hairs, growth shoots and leaves of your crop, the organic bloom ensures the production of flowers and sugars. The PK booster makes explosive production of sugars in the crop possible and improves the taste, odor and quality of your end product.

The stimulators improve and accelerate various processes. For example, the root stimulator accelerates the production of roots and the flowering stimulator ensures better and faster absorption of nutrients.

Finally, you can use the Final Solution to convert waste salts into high-quality and quickly absorbable enzymes.

 CONTROLUNION  
844566



## Starterskit (small)

The BAC Organic Starter Kit has been put together so that you can easily get acquainted with the high-quality organic plant food from BAC.

Content:

Organic Grow 250 ml  
Organic Bloom 500 ml  
Organic PK Booster 250 ml  
Note: the dosage is only a guideline for use.  
No rights can be derived from this.

Can be given with every watering.



 CONTROLUNION  
844566



## pH - Phosphorus



Highly concentrated pH- for lowering the pH.

The BAC pH Phosphorus is a highly concentrated pH lowering agent of the pH value in the nutrient water. With this pH (phosphoric acid) it is possible to stabilize the pH value in the feed water. Phosphoric acid is one inorganic acid which is very soluble in water.

For fully optimized results we recommend the use of pH and EC meters.

Available in 1 and 5 liter

## pH+

Highly concentrated pH + for increasing the pH.

With this pH + (potassium hydroxide) it is possible to stabilize your pH value in the water tank.

For fully optimized results we recommend the use of pH and EC meters.

Highly concentrated pH + for increasing the pH.

With this pH + (potassium hydroxide) it is possible to stabilize your pH value in the water tank.

For fully optimized results we recommend the use of pH and EC meters.

## Bio Pellets



**BAC Organic pellets are organic fertiliser pellets for enhancing used soil and cocos.**

The BAC organic pellets contain a high concentration of organic substances.

These are easily absorbed by the soil and stimulate root formation.

They also promote soil biodiversity.

Dosage: 1 full hand per 5 liters of soil / coconut. 1 KG per 10 m<sup>2</sup> of soil / coconut.

NPK: 10-4-6

10% nitrogen (N), of which 5% organically bound nitrogen and  
5% urea nitrogen

4% phosphate (P<sub>2</sub>O<sub>5</sub>), soluble in water and neutral ammonium citrate.

6% potassium (K<sub>2</sub>O), soluble in water.

The organic matter content is at least 45%.

Store dry and dark. Keep out of reach of children. Transport upright.

Available in 4,5 kg.

## Lime



**For upgrading the used soil and cocos. This lime must always be mixed through the medium properly.**

BAC Lime provides a stable pH value in your reused soil and cocos. Furthermore, it provides the reused soil or cocos with sufficient calcium.

Dosage: 2 grams per liter of soil. 1 gram per liter of coconut.

ingredients: Calcium calcium 47% / Magnesium 5%

Store dry and dark. Keep out of reach of children. Transport upright

Available in 5 kg.

## 1 Component Soil Grow

**Highly concentrated and very complete 1 component soil nutrition for the growth period.**

Equipped with the highest quality trace elements, including the red iron chelate. Can be used on open ground and pots.

NPK 1-2-4

1.4% nitrogen total (N) of which 1.2% nitrate nitrogen ( $\text{NO}_3$ ) and 0.2% ammonium nitrogen ( $\text{NH}_4$ )

1.6% water-soluble phosphorus pentoxide ( $\text{P}_2\text{O}_5$ ).

3.9% water-soluble potassium oxide ( $\text{K}_2\text{O}$ )

Shake well before use. Keep out of reach of children.

Dosage: Growth period: 25 - 35 ml per 10 liters of water. EC 1.6.

Note: the dosage is only a guideline for use. No rights can be derived from this.

Can be given with every watering.

For fully optimized results, we recommend using pH and EC meters.

Storage temperature above 8 °C !

Available in 1, 5, 10 and 20 liters



## 1 Component Soil Bloom

**Strongly concentrated and very complete one-component Soil Nutrition for the blooming period.**

Provided with the highest quality trace elements, including the red chelate iron. To be used in full soil and in pots.

NPK 2-1-4

1.5% nitrogen total (N) of which 1.2% nitrate nitrogen ( $\text{NO}_3$ ) and 0.3% ammonium nitrogen,

1.4% water-soluble phosphorus pentoxide ( $\text{P}_2\text{O}_5$ )

4.2% water-soluble potassium oxide ( $\text{K}_2\text{O}$ )

Dosage: Flowering period 30 - 45 ml per 10 liters of water. EC between 1.8 and 2.2, depending on which week in the flowering period. See the breeding schedule for more information.

Shake well before use. Keep out of reach of children.

Note: the dosage is only a guideline for use. No rights can be derived from this.

Can be given with every watering.

For fully optimized results, we recommend using pH and EC meters.

Storage temperature above 8 °C !







## Coco Grow A & B

**Strongly concentrated and very complete A&B Coco Nutrition for the growth or blooming period.**

Highly concentrated and very complete A&B coco nutrition, for the growth period. Provided with the most high-quality trace elements, including the red iron chelate. To be used on coco slabs and pots.

### Cocos Grow A: NPK 3-0-2

2.8% nitrogen total (N) of which 2.4% nitrate nitrogen ( $\text{NO}_3$ ) and 0.4% ammonium nitrogen ( $\text{NH}_4$ ) 1.7% water soluble potassium oxide ( $\text{K}_2\text{O}$ )

### Cocos Grow B: NPK 1-2-4

1.0% nitrogen total (N) of which 0.9% nitrate nitrogen ( $\text{NO}_3$ ) and 0.1% ammonium nitrogen ( $\text{NH}_4$ ) 2.4% water soluble phosphorus pentoxide ( $\text{P}_2\text{O}_5$ ) 4.1% water soluble potassium oxide ( $\text{K}_2\text{O}$ )

**Dosage:** Use equal parts Cocos Grow Nutrients A and Cocos Grow Nutrients B.

**Growth period:** 25 - 35 ml per 10 liters of water. EC 1.6

Shake well before use. Keep out of reach of children.

**Note:** the dosage is only a guideline for use. No rights can be derived from this. Can be given with every watering.

For fully optimized results, we recommend using PH and EC meters.

Storage temperature above 8 °C!

Available in 1, 5, 10 and 20 liters



## Coco Bloom A & B

**Strongly concentrated and very complete A&B Coco Nutrition for the blooming period.**

Highly concentrated and very complete A&B coco nutrition, for the flowering period. This coco nutrition is provided with the most high-quality trace elements, including the red iron chelate. You can use this product on coco slabs and pots. With Coco bloom fertilizer you provide the right nutrients for vegetables and fast-growing plants. The coco substrate absorbs the fertilizer together with the nutrient water. Bac only works with high-quality pure nutrients and chelates, which are directly and completely absorbable by the plant.

### Coco Bloom A: NPK 2-0-2

2.05% nitrogen total (N) of which 1.7% nitrate nitrogen ( $\text{NO}_3$ ) and 0.3% ammoniacal nitrogen ( $\text{NH}_4$ ) 1.8% water soluble potassium oxide ( $\text{K}_2\text{O}$ )

### Coco Bloom B: NPK 1-3-5

1.01% total nitrogen (N), of which 0.91% nitrate nitrogen ( $\text{NO}_3$ ) and 0.1% ammoniacal nitrogen ( $\text{NH}_4$ ) 2.8% water soluble phosphorus oxide ( $\text{P}_2\text{O}_5$ ) 4.7% water soluble potassium oxide ( $\text{K}_2\text{O}$ )

**Dosage:** Use equal parts Coco Bloom Food A and Coco Bloom Food B.

**Flowering period:** 30 - 50 ml per 10 liters of water. EC between 1.8 and 2.2, depending on which week in the flowering period.

Shake well before use. Keep out of reach of children.

**Note:** the dosage is only a guideline for use. No rights can be derived from this. Can be given with every watering.

For fully optimized results, we recommend using pH and EC meters.

Storage temperature above 8 °C!

Available in 1, 5, 10 and 20 liters





## Hydro Grow A & B

**Strongly concentrated and very complete A&B Hydro Nutrition for the growth or blooming period.**

Provided with the highest quality trace elements, including the red chelate iron. To be used on slabs, Mapito, flakes, clay pellets and perlite.

With Hydro Grow you provide the right nutrients for vegetables and fast-growing plants. The medium absorbs the nutrition together with the nutrient water. Bac only works with high-quality pure nutrients and chelates, which are directly and completely absorbable by the plant.

### Hydro Grow A: NPK 3-0-2

3.3% nitrogen total (N) of which 2.9% nitrate nitrogen ( $\text{NO}_3$ ) and 0.4% ammonium nitrogen ( $\text{NH}_4$ ) 1.2% water soluble potassium oxide ( $\text{K}_2\text{O}$ )

### Hydro Grow B: NPK 1-2-4

1.03% nitrogen total (N) of which 0.99% nitrate nitrogen ( $\text{NO}_2$ ) and 0.4% ammonium nitrogen ( $\text{NH}_4$ ) 1.9% water soluble phosphorus pentoxide ( $\text{P}_2\text{O}_5$ ) 3.62% water soluble potassium oxide ( $\text{K}_2\text{O}$ )

**Dosage:** Use equal parts Hydro Grow A and Hydro Grow B.

Growth period: 25 - 35 ml per 10 liters of water. EC between 1.6

Shake well before use. Keep out of reach of children.

**Note:** the dosage is only a guideline for use. No rights can be derived from this.

Can be given with every watering.

For fully optimized results, we recommend using pH and EC meters.

Storage temperature above 8 °C !

Available in 1, 5, 10 and 20 liters



## Hydro Bloom A & B

**Strongly concentrated and very complete A&B Hydro Nutrition for the blooming period.**

Provided with the highest quality trace elements, including the red chelate iron. To be used on slabs, Mapito, flakes, clay pellets and perlite.

With Hydro bloom fertilizer you provide the right nutrient for vegetables and fast-growing plants. The medium absorbs the nutrition together with the nutrient water. Bac only works with high-quality pure nutrients and chelates, which are directly and completely absorbable by the plant.

### Hydro Bloom A: NPK 3-0-3

3.2% nitrogen total (N) of which 3.0% nitrate nitrogen ( $\text{NO}_3$ ) and 0.2% ammonium nitrogen ( $\text{NH}_4$ ), 2.7% water-soluble potassium oxide ( $\text{K}_2\text{O}$ ).

### Hydro Bloom B: NPK 1-3-4

1.1% nitrogen total (N) of which 1.0% nitrate nitrogen ( $\text{NO}_3$ ) and 0.1% ammoniacal nitrogen ( $\text{NH}_4$ ) 2.5% water-soluble phosphorus pentoxide ( $\text{P}_2\text{O}_5$ ) 3.6% water-soluble potassium oxide ( $\text{K}_2\text{O}$ )

**Dosage:** Use equal parts of Hydro Bloom Nutrition A and Hydro Bloom Nutrition B.

Flowering period: 30 - 50 ml per 10 liters of water. EC between 1.8 and 2.2, depending on which week in the flowering period.

Shake well before use. Keep out of reach of children.

**Note:** the dosage is only a guideline for use. No rights can be derived from this.

Can be given with every watering.

For fully optimized results, we recommend using pH and EC meters.

Storage temperature above 8 °C !

Available in 1, 5, 10 and 20 liters



## **F1 extreme booster**

**BAC F1 Extreme Booster is a very strongly concentrated booster and is provided with the highest quality trace elements and various sugar molasses.**

This PK booster provides an exuberant curing of your crop. Furthermore, the flavour and aroma will increase strongly. This F1 Extreme PK Booster can be used on all mediums and in combination with all other nutrition products.

NPK 0-13-14

0.4% total nitrogen (N) of which 0.4% nitrate nitrogen ( $\text{NO}_3$ )

12.6% water soluble phosphorus pentoxide ( $\text{P}_2\text{O}_5$ )

13.8% water soluble potassium oxide ( $\text{K}_2\text{O}$ )

To be used from the 6th week of flowering.

Dosage: From the 6th week of flowering: 20 - 30 ml per 10 liters of water.

Adjust EC to 2.2, depending on which week in the flowering period.

Shake well before use. Keep out of reach of children.

Note: the dosage is only a guideline for use. No rights can be derived from this.

Can be given with every watering.

For fully optimized results, we recommend using pH and EC meters.

Storage temperature above 8 °C !

Available in 1, 5, 10 and 20 liters



## **Silica Power**

**Silicon plant booster for the entire cycle. Activates the soil life and strengthens plant cells.**

As such, the plant builds more resistance against diseases and other plagues.

Strengthens the plant

Protection against stress

Firmer cell walls

Better flower formation

Better yield and quality

Increased dry dust count

Dosage: 1 - 3 ml / 10 liters of water. Add every watering for best results.

Shake well before use and always dissolve Silica Power first in the nutrient tank.

Keep out of reach of children.

Note: the dosage is only a guideline for use. No rights can be derived from this.

Can be given with every watering.

For fully optimized results, we recommend using pH and EC meters.

Storage temperature above 8 °C !

Contains: Silicon Dioxide

Available in: 500ml , 1 and 5 liters





## Plant Vitality Plus

**Plant Vitality Plus can be used in every plant cycle.**

It can be used preventively against stress. Spray the top and bottom of the leaves sufficiently. Repeat after 5 days, if necessary. This product is biodegradable and, thus, has not negative effect on the plant or the medium.

Available in:

- 250 ml (for 5 liters of spraying fluid)
- 500 ml (for 10 liters of spraying fluid).
- 1 Liter (for 20 liters of spraying fluid)
- 5 Liter (for 100 liters of spraying fluid)



## Frooting Power

**BAC Frooting Power is a unique, high-phosphate bloom enhancer that stimulates cell division and helps flowers to harden and expand.**

Use BAC Frooting Power in the last 3 to 4 weeks of the bloom phase of your plants. Only use Frooting Power for healthy plants, as it is a very powerful fertiliser that demands a lot from your plants.

Frooting Power should be used in combination with your basic fertilisers. Never use Frooting Power in combination with a different booster.

Benefits of BAC Frooting Power:

Better and faster flowering

Bigger fruits

Better tasting fruits and vegetables

A higher mineral and vitamin content

NPK 0-35-23

**GUARANTEED ANALYSIS:**

0% Nitrogen (N)

35.0% Available phosphate ( $P_2O_5$ )

23.0% Soluble Potassium ( $K_2O$ )

**Ingredients:**

Potassium Sulphate, Potassium Carbonate, Potassium Phosphate and Sodium Sulphate.

**Usage and dosage:**

Fill your reservoir with water. Make sure that your basic nutrition has an EC of 1.2 before adding frooting power.

Use 1 dose (65 grams) per 100 L of nutrient water in the last 3 to 4 weeks before harvest.

Use 2 doses (130 grams) per 100 L of nutrient water in the last 2 weeks before harvest.

Close the packaging tightly after use.

Store in a dry frost-free place and avoid direct sunlight.

Keep out of the reach of children.

Dose: 1 dose is 65 grams

Available in jars of 325 grams and 1 kilo

## Amino Complex

**Bac Amino Complex contains a high concentration of free amino acids, fulvic acids and plant extracts. If the plant shows any symptoms, the dose and frequency of use may be increased.**

### Application:

It is advisable to use the product during periods when the crop needs a physiological stimulus, such as:

As soon as there is sufficient leaf mass.

Flowering intention, pre-flowering and petals.

Development Fruit and when the crop is exposed to unfavorable conditions.

Dosage: Drip: 2-3 ml per 10 liters. Add with every watering.

Spraying: 2-3 ml per liter.

In case of significant stress, the dosage or frequency can be increased.

Close the packing well after use, store in a frost-free place and avoid direct sunlight.

Shake well before use. Keep out of reach of children.

Note: the dosage is only a guideline for use. No rights can be derived from this.

Can be given with every watering.

For fully optimized results, we recommend using pH and EC meters.

Storage temperature above 8 °C !

Available in 250 ml, 500 ml, 1 liter and 5 liter.



## Yuccah

**Yucca is a natural wetting agent / soil improver based on Yucca extract (Schidigera).**

Yucca lowers the surface tension of liquids and supports the efficient use of water. It improves the water-permeable properties in case of drought. It helps plants to survive extreme heat, drought and a high salt content of the soil. Natural sugars stimulate the growth of positive soil bacteria.

Yucca provides a beautiful shine to the leaves and ensures that they dry fast when sprayed. Using Yucca makes the plant less attractive to pests. Applicable in warm and sunny conditions. Reduces soil compaction in case of excessive watering (e.g., rain). Improves water intake during drought. Ensures a proper distribution of water and fertilizers. Stimulates the growth of beneficial soil bacteria. No risk of leaf burning.

Ingredients: Yucca shidigera extract 100%

Dosage: 10 - 20 ml per 10 liters. Give once a week.

Spraying: 50 ml per 10 liters

BAC YUCCAHA can be mixed with other liquid fertilizers or pesticides.

Some foam may occur during mixing, this will dissolve over time by itself.

Suitable for all mediums.

Shake well before use.

Since it is an organic product, some precipitation may occur.

Available in 250 ml, 500 ml, 1 liter and 5 liter.





## **Calmag 2.0**

**BAC CalMag 2.0 is a high-grade mix of calcium, magnesium, iron and natural trace elements that ensures that the extra calcium and magnesium needs of the plant can be met. Suitable for all substrates. Calmag 2.0 is exceptionally suitable for soft or demineralized water and reverse osmosis.**

Use Calmag to enrich water that is low in calcium and magnesium, or as a supplement to normal feeding.

When using reverse osmosis water (RO), first use the CalMag 2.0 add and mix well.

Guaranteed analysis:

N-P-K: 6 - 0 - 0

Total Nitrogen (N) 6.0% Nitrate Nitrogen

Calcium (Ca) 5.0%

Magnesium (Mg) 12%, 12% water soluble magnesium.

Ingredients:

calcium nitrate, magnesium nitrate, iron DTPA, amino acids and natural trace elements.

Dosage: 10 ml per 10 liters of water.

Shake well before use.

Keep out of reach of children.

Storage temperature above 8 °C!

Note: the dosage is only a guideline for use. No rights can be derived from this.

Can be given with every watering.

For fully optimized results, we recommend using PH and EC meters.

Available in 500 ml, 1 liter, 5 liter and 10 liter.



## **Sugar Candy Syrup**

**Easily absorbable vegetable sugars, an ideal blend of various carbohydrates that provide the trace elements needed to create large compact and resinous flower clusters.**

Dosage: Spray (Anti-stress) Add 5 ml for every liter of water Irrigation: Add 10 ml for every 10 liters of water. Use in any irrigation.

Benefits of BAC Sugar Candy Syrup

- Better flower development
- Larger flowers
- Suitable in periods of stress

Available in 250 ml , 500 ml , 1 Liter and 5 Liter

# Additions

## Lava Soil

**BAC Lava Soil has been treated with Final Solution to create a symbiosis even before the product is purchased.**

The advantage is that it makes faster and better growth on the medium possible. The soil is provided with lava, because its inherent quality is that it contains many useful nutritious elements.

Available in 40 litres.



## Coco Soil

**BAC Coco Soil has been treated with Final Solution to create a symbiosis even before the product is purchased.**

The advantage is that it makes faster and better growth on the medium possible.

Available in 40 litres.



### X-seed

100% natural product.

A revolutionary product that the seed germination accelerated and improved.

### BioClone Gel

Gel for 100% natural plants.

To obtain an optimal start.

Rapid rooting and lush vegetation.

# gel BioClone



## **BAC Fastfood and Autostimulator for Autoflowering plants**

**Specially formulated for rapid growth and flowering of autoflowering plants.**

Use Fast Food in combination with BAC Auto Stimulator for best results.

Fast food is designed for each cycle of the plant (growth and flowering) without any others additional products are required. BAC Fastfood Mineral and FastFood Organic are a 1 component fertilizer for growth and flowering phase.



### **FastFood Organic**

NPK 5-4-8

5.2 % total nitrogen (N)

4.0 % phosphate (P)

7.8 % potassium oxide ( $K_2O$ )

Dosage: 40 ml per 10 liters of water



### **FastFood Mineral**

NPK 2-4-5

2.2 % total nitrogen (N)

4.0 % phosphate (P)

5.2 % potassium oxide ( $K_2O$ )

Dosage: 40 - 50 ml per 10 liters of water



### **BAC Auto Stimulator**

**High-quality biological stimulator specially developed for the best results in autoflowering and short-growing plants.**

Stimulates growth which translates into a larger leaf mass and exuberant root growth. Stimulates the formation of buds for larger flowers.

Dosage: 2 - 4 ml / 10 liters of water.



Per 10 litres of water / every watering

VEGETATIVE GROWTH  
FOR SEEDLINGS AND CUTTINGS  
(18 hours of light)

FLOWERING  
(12 hours of light)

WEEK	1	2	1	2	3	4	5	6	7	8	9
ORGANIC GROW	10-20 ml	10-20 ml									only water
ORGANIC BLOOM			20-30 ml	20-30 ml	20-30 ml	20-30 ml	20-30 ml	20-30 ml	20-30 ml	20-30 ml	only water
Organic PK Booster				10-20 ml	15-25 ml	20-30 ml	30-40 ml	30-40 ml	30-40 ml	20-30 ml	only water
Root Stimulator	1ml	2ml	2ml	2ml							only water
Bloom Stimulator			2ml	2ml	2ml	2ml	2ml	2ml	2ml	2ml	only water
Final Solution <sup>1</sup>	6ml		6ml				6ml				only water
Foliar Spray	40ml spray <sup>2</sup>		40ml spray <sup>2</sup>		40ml spray <sup>2</sup>						only water
Pro Active (optional)	100ml spray <sup>2</sup>	100ml spray <sup>2</sup>	1-2 ml drip	1-2 ml drip	1-2 ml drip	1-2 ml drip	2-3 ml drip	2-3 ml drip	2-3 ml drip	2-3 ml drip	only water
Yuccah (optional)	10-20 ml	10-20 ml	10-20 ml	10-20 ml	10-20 ml	10-20 ml	10-20 ml	10-20 ml	10-20 ml	10-20 ml	only water
Amino Complex (optional)	2-3 ml	2-3 ml	2-3 ml	2-3 ml	2-3 ml	2-3 ml	2-3 ml	2-3 ml	2-3 ml	2-3 ml	only water
Sugar Candy Syrup (optional)	10ml	10ml	10ml	10ml	10ml	10ml	10ml	10ml	10ml	10ml	only water
Standing fan	Off	Off	Minimum	Medium	Medium	Medium	Maximum	Maximum	Maximum	Maximum	Maximum
Temperature day/night	24/24	24/24	28/20	28/20	28/20	28/20	28/20	28/20	28/20	28/20	28/20
Humidity	80%	70%	65%	60%	60%	55%	55%	50%	45%	40%	40%

<sup>1</sup> Only once a week.

<sup>2</sup> Always spray with lights out.

## FEED CHART ORGANIC

This Feed Chart is just a guide. Obviously it is possible to deviate.

Per 10 litres of water / every watering

VEGETATIVE GROWTH  
FOR SEEDLINGS AND CUTTINGS  
(18 hours of light)

FLOWERING  
(12 hours of light)

WEEK	1	2	1	2	3	4	5	6	7	8	9
COCO or HYDRO	A 25-35 ml B 25-35 ml 1,6 EC	25-35 ml 25-35 ml 1,6 EC	30-40 ml 30-40 ml 1,8 EC	30-40 ml 30-40 ml 1,8 EC	35-45 ml 35-45 ml 2,0-2,1 EC	35-45 ml 35-45 ml 2,0-2,1 EC	40-50 ml 40-50 ml 2,2 EC	30-40 ml 30-40 ml 1,6 EC	30-40 ml 30-40 ml 1,6 EC	30-40 ml 30-40 ml 1,6 EC	only water
F1 Extreme Booster								20-30 ml adjust to EC 2,2	20-30 ml adjust to EC 2,2	20-30 ml adjust to EC 2,2	only water
Frooting Power *4								6,5gr	6,5gr	6,5gr	only water
Root Stimulator	1ml	2ml	2ml	2ml	2ml	2ml	2ml	2ml	2ml	2ml	only water
Bloom Stimulator											only water
Final Solution *1	6ml		6ml				6ml				only water
Foliar Spray	40ml spray*2		40ml spray*2		40ml spray*2						only water
Pro Active (optional)	100ml spray*2	100ml spray*2	1-2 ml drip	1-2 ml drip	1-2 ml drip	1-2 ml drip	2-3 ml drip	2-3 ml drip	2-3 ml drip	2-3 ml drip	only water
Silica Power (optional)*3	1ml	1ml	1ml	1ml	2ml	2ml	2ml	2ml	3ml	3ml	only water
Yuccah (optional)	10-20 ml	10-20 ml	10-20 ml	10-20 ml	10-20 ml	10-20 ml	10-20 ml	10-20 ml	10-20 ml	10-20 ml	only water
Amino Complex (optional)	2-3 ml	2-3 ml	2-3 ml	2-3 ml	2-3 ml	2-3 ml	2-3 ml	2-3 ml	2-3 ml	2-3 ml	only water
CatMag 2.0 (optional) *5	10ml	10ml	10ml	10ml	10ml	10ml	10ml	10ml	10ml	10ml	only water
Sugar Candy Syrup (optional)	10ml	10ml	10ml	10ml	10ml	10ml	10ml	10ml	10ml	10ml	only water
Standing fan	Off	Off	Minimum	Medium	Medium	Medium	Maximum	Maximum	Maximum	Maximum	Maximum
Temperature day/night	24/24	24/24	28/20	28/20	28/20	28/20	28/20	28/20	28/20	28/20	28/20
Humidity	80%	70%	65%	60%	60%	55%	55%	50%	45%	40%	40%
pH Cocos	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0
pH Hydro	5,3	5,3	5,3	5,5	5,8	5,8	5,8	5,8	5,8	5,8	6,0

\*1 Only once a week.

\*2 Always spray with lights out.

\*3 Always add Yuccah first in your tank before adding the rest of your nutrients.

\*4 Never use Frooting Power in combination with an other booster.

\*5 Fill your water tank. Make sure that your basic nutrient solution has an EC of 1,2 before adding Frooting Power.

\*6 Use CatMag to enrich water that is poor of calcium and magnesium or as supplement to a normal nutrition.

This Feed Chart is just a guide. Naturally it is possible to deviate.  
Use equal quantities of A and B!  
Important! We advise to use a pH and/or EC meter.

**FEED CHART HYDRO/COCO**

Per 10 litres of water / every watering

VEGETATIVE GROWTH  
FOR SEEDLINGS AND CUTTINGS  
(18 hours of light)

FLOWERING  
(12 hours of light)

WEEK	1	2	3	4	5	6	7	8	9
1 COMPONENT SOIL (Grow/Bloom)	25-35 ml 1,6 EC	25-35 ml 1,6 EC	30-40 ml 1,8 EC	35-45 ml 2,0-2,1 EC	40-50 ml 2,2 EC	30-40 ml 1,6 EC	30-40 ml 1,6 EC	30-40 ml 1,6 EC	only water
F1 Extreme Booster *4						20-30 ml adjust to EC 2,2	20-30 ml adjust to EC 2,2	20-30 ml adjust to EC 2,2	only water
Flooding Power *4							6,5 gram	6,5 gram	only water
Root Stimulator	1ml	2ml	2ml	2ml	2ml				only water
Bloom Stimulator							2ml	2ml	only water
Final Solution *1	6ml		6ml		6ml				only water
Foliar Spray	40ml spray*2		40ml spray*2						only water
Pro Active (optional)	100ml spray*2	100ml spray*2	1-2 ml drip	1-2 ml drip	2-3 ml drip	2-3 ml drip	2-3 ml drip	2-3 ml drip	only water
Silica Power (optional) *3	1ml	1ml	1ml	2ml	2ml	2ml	3ml	3ml	only water
Yuccah (optional)	10-20 ml	10-20 ml	10-20 ml	10-20 ml	10-20 ml	10-20 ml	10-20 ml	10-20 ml	only water
Amino Complex (optional)	2-3 ml	2-3 ml	2-3 ml	2-3 ml	2-3 ml	2-3 ml	2-3 ml	2-3 ml	only water
CalMag 2.0 (optional) *5	10ml	10ml	10ml	10ml	10ml	10ml	10ml	10ml	only water
Sugar Candy Syrup (optional)	10ml	10ml	10ml	10ml	10ml	10ml	10ml	10ml	only water
Standing fan	Off	Off	Minimum	Medium	Maximum	Maximum	Maximum	Maximum	Maximum
Temperature day/night	24/24	24/24	28/20	28/20	28/20	28/20	28/20	28/20	28/20
Humidity	80%	70%	65%	60%	55%	50%	45%	40%	40%
pH	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0

\*1 Only once a week.

\*2 Always spray with lights out.

\*3 Dissolve in 500ml water. Always add first to your tank before adding the rest of your nutrients.

\*4 Use CalMag 2.0 as a base for all your nutrient solutions.

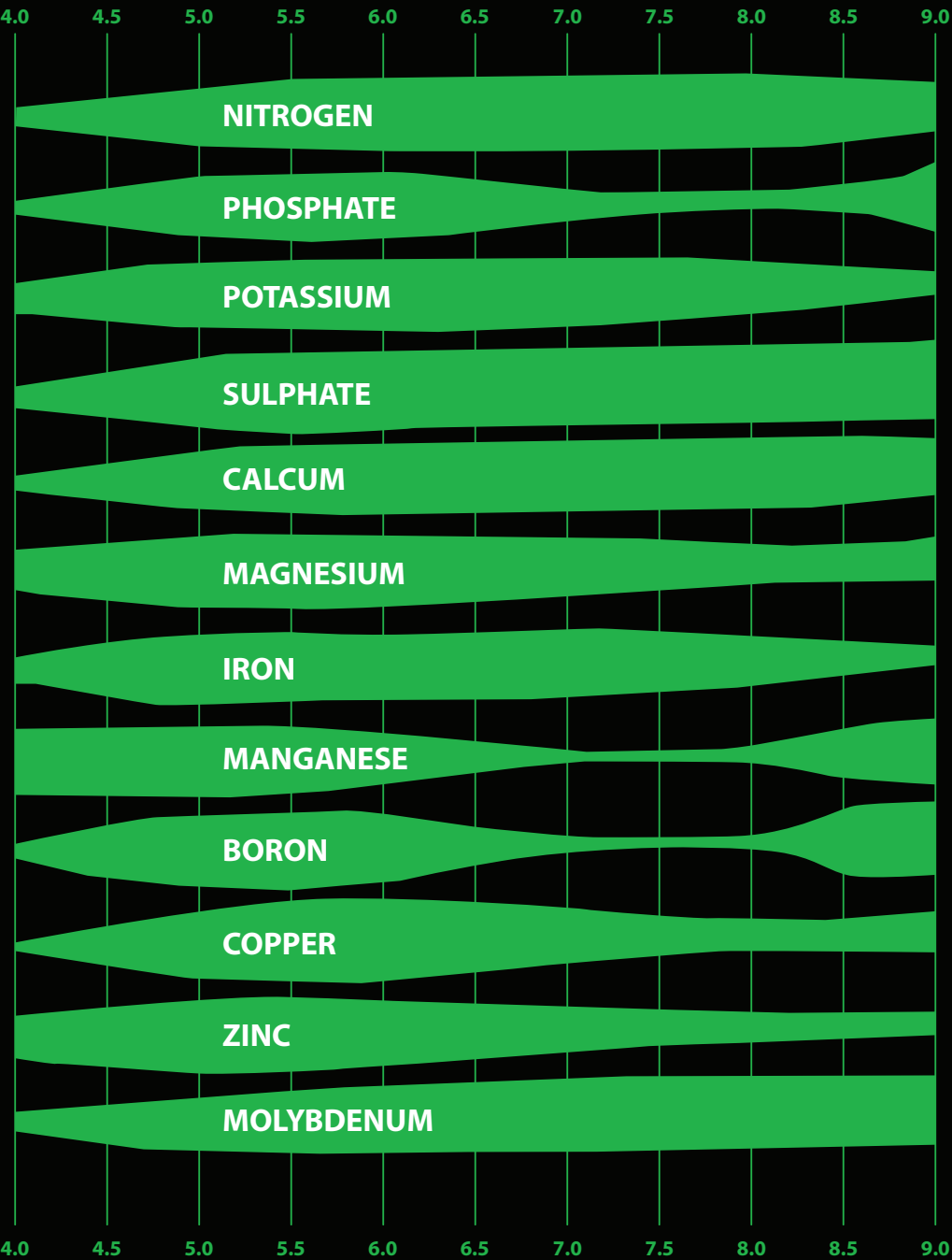
\*5 Make sure that your basic nutrient solution has an EC of 1,2 before adding Flooding Power.

\*6 Use CalMag to enrich water that is poor of calcium and magnesium or as supplement to a normal nutrition.

This Feed Chart is just a guide. Naturally it is possible to deviate. We advise to use a pH and/or EC meter.

FEED CHART FOR SOIL

# Nutrients Schedule



# 



## X-seed

## BioClone Gel

100% natural product.

Gel for 100% natural plants.

A revolutionary product that the  
seed germination accelerated and improved.

To obtain an optimal start.  
Rapid rooting and lush vegetation.



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**BG Products BV**  
Spectrumlaan 39  
2665 NM Bleiswijk  
The Netherlands  
+31(0)182-687530  
info@baconline.nl  
[www.baconline.nl](http://www.baconline.nl)



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