



PL-23-082/09/EN



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PLAGRON

cocos a



BINPROVES TASTE AN BINEJORA EL SABOR Y BILIPPLA OHUT A R

PLAGRON

PROMOTES THE DEVELOPME PROMOTES THE DEVELOPME PROMOTES EL DESARROLLO POOPOBLUE RECYCLA RÚST



# **GROW LEGENDARY**

### SHARE YOUR GROWTH **#growlegendary**

plagron\_official f 🛛 J 🗖

### Products for each situation

For your convenience, all our substrates, fertilisers and additives are divided into five categories: 100% NATURAL (green), 100% TERRA (red), 100% COCO (orange), 100% HYDRO (blue) and UNIVERSAL (purple). You simply start by choosing a grow style based on your growing goals. Each of these grow styles comes with its own substrates and base nutrients. Want even better results? Combine any of our additives with all products from any of the four grow styles.

### Leading quality

You expect the best quality, and so do we. Each product we create and produce matches this high quality standard. All our products measure up to the latest trends, developments and legislations. This makes them the best products on the market. How we ensure to give you the best out there<sup>.</sup>

- · Carefully selected high-end raw materials. · Continuous quality control.
- Cooperation with global agricultural partners.

### Get in touch

We want you to get the best possible results. Let us know how we can help you! No matter which plant, product or problem you've got a question about, our Grow Experts are here to help. Contact us via servicedesk@plagron.com or slide in our DM on social. We'll get in touch within 24 hours on workdays.

# WE EMPOWER PASSIONATE **GROWERS TO ACHIEVE LEGENDARY RESULTS**

Whether you're a passionate grower or a professional licensed producer: we've got the right products for your grow. In addition to our base nutrients and substrates, you can choose from a wide range of additives that all have their unique effects. And we're there to guide you every step of the way. That's our promise since the founding in 1992: to do everything to empower you to achieve legendary results. Here's how.

### Easy to use

Whether you're a beginner or a professional: growing should be easy. We believe everyone can make a success of their grow.

Here's how we help you make it happen:

- We've got a compact range of highly concentrated and super effective products.
- Our products are suitable for every grower's wishes and needs.
- Each grow style has its own recognizable colour.
- · Experiment as much as you want: all base nutrients are compatible with all additives.

### Legendary results are within reach!

You want to grow to your full potential. We'll help you get there and become an experienced, passionate grower. Not only will we help you find the right grow style and products for your situation. we'll also prep and guide you during your entire grow cycle. We know each grow cycle is different, which is why you can easily make your own grow schedule on our website. And if you're just starting out, we've got you covered with premade schedules.



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100% COCO
grow schedule.
cocos premium.
plagron cocos perlite 70/30.
plagron hydro cocos 60/40.
cocos slab.
cocos brix.
cocos a. & cocos b.

### 100% TERRA

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### 100% HYDRO

pebbles. o a. & hydro b.
o a. & hydro b.

# UNIVERSAL

green sensation.
sugar royal.
power roots.
pure zym.
hydro roots.
power buds.
vita race.
vita start.
pk 13-14.
silic rock.
fish force.
start up.
ph plus.
ph min.
lemon kick.
calmag pro.
calcium kick.
bat guano.
supermix.
mega worm.
perlite.
seedbooster plus.
seeding & cutting soil
seedbox.





Best organic nutrien The origin of our pea Our R&D: Where the From plant to produc Looking for the best Experience of a plagi Our service tools League of legends Join our community

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## **100% NATURAL**

## **LOOKING TO GROW ORGANIC?**

Then our 100% NATURAL line is your style of choice. All substrates and fertilisers in this specific grow style are fully organic and therefore good for people, animals and our planet. The line consists of four substrates and the base nutrients Alga Grow and Alga Bloom. Both fertilisers are fully based on algae. They ensure a healthy growth and flowering of your plants and end products with an optimum smell and taste. When growing organic, there's no need to worry about pH and EC. The pH is balanced by the soil life itself and EC does not need to be measured because organic matter cannot be expressed in EC.

### **MIX 'N MATCH**

The 100% NATURAL products can be recognised by the green label. All additives from our UNIVERSAL line, recognisable by the purple label, can be infinitely combined. You are free to mix and match to your heart's content! Our organic additives carry an "organic origin" icon on the packaging. Check the 100% NATURAL grow schedule to see which additives we recommend for the best results.

### **GROW SCHEDULE**

WEEK/PERIOD	1	2	3	4	5	6	7	8	9	10	11
PHASE	grow	grow	bloom	harvest							
promix.										_	
alga grow.	20 ml	40 ml	-	-	-	-	-	-	-	-	only water
alga bloom.	-	-	40 ml	40 ml	40 ml	30 ml	35 ml	40 ml	40 ml	40 ml	only water
plagron allmix. royalm	ix. batmix	-								_	
alga bloom.	-	-	-	-	40 ml	30 ml	35 ml	40 ml	40 ml	40 ml	only water
advised additives. (UNI	IVERSAL)									_	
power roots.	10 ml	10 ml	10 ml	10 ml	10 ml	-	-	-	-	-	only water
pure zym.	10 ml	10 ml	10 ml	10 ml	10 ml	10 ml	-	-	-	-	only water
green sensation.	-	-	-	-	-	10 ml	only water				
sugar royal.	10 ml	10 ml	10 ml	10 ml	10 ml	10 ml	10 ml	10 ml	10 ml	10 ml	only water
vita race.*	30 ml	30 ml	50 ml	50 ml	50 ml	-	-	-	-	-	only water

• Add dose per 10 litres of water and apply with every watering.

• All stated doses are indications and depend on the condition of the plant.

• To extend the grow phase, repeat the recommended dosage from week 2.

This grow schedule is designed for different types of flower and fruit bearing plants, starting with a young plant like a rooted cutting or a week-old seedling. The duration of the mentioned periods is depending on the type of plant.

\*Use Vita Race once a week as a spray only.



**pH** 5.5-6.5

Wanting a custom grow schedule that fits your needs? Hit up our Grow Schedule Calculator!



## **BEST ORGANIC NUTRIENTS**

There's nothing we value more than the opinion of you, the passionate grower. That's why it makes us extra proud to announce that our organic nutrients won this year's GrowDiaries awards. You also voted for us as the runner up for best nutrients brand overall. Thank you so much!

As you know, our end goal is to help you achieve legendary results. We're very happy to see that so many of you are already making this happen with our organic products. Want to find out for yourself why so many growers voted for these products? Just look for the CU logo on our bottles and cans. All products with this logo are certified organic. Many of our additives, like Green Sensation and Sugar Royal, also show great effects when combined with our organic base nutrients Alga Grow and Alga Bloom. These additives won't harm the soil life. There's a reason why we also came second best overall!



### batmix. substrate | fertilised

Growing for the best smell and taste

- · Six weeks organic pre-fertilisation.
- Abundant growth and flowering.
- · Enhances smell and taste.
- Suitable for organic growing.

#### Usage

Extra nutrition is needed after approximately 6 weeks, depending on the condition of the plant.

Packaging 25 L & 50 L bag.





Curious about all the ins and outs of these products? Scan the QR code!

### rovalmix. substrate | fertilised

### Growing for the highest yield

- · Six weeks organic pre-fertilisation.
- Improves root development and drainage.
- Suitable for organic growing.

### Usage

Extra nutrition is needed after approximately 6 weeks, depending on the condition of the plant.

Packaging 25 L & 50 L bag.



# **100% NATURAL**







### plagron allmix.

substrate | fertilised

Growing with rich soil life

- Six weeks organic pre-fertilisation. Vigorous growth and improved water retention.
- · Suitable for organic growing.

### Usage

Extra nutrition is needed after approximately 6 weeks, depending on the condition of the plant.

Packaging 50 L bag.

### promix. substrate | non fertilised

Fertilise at your own insight

### Fertilise as desired.

• Rapid rooting. • Suitable for organic growing.

Usage Start fertilising from the first day.

Packaging 50 L bag.

## alga grow.

base nutrient

### Algae-based nutrient for the grow phase

- · Stimulates steady growth.
- Quick and healthy growth.
- · Improves resistance.
- · No need to worry about pH and EC values.
- · Suitable for organic growing.

### Dosage and use

Add a maximum of 4 ml Alga Grow per litre of water (1:250). Use this solution each time the plants are irrigated during the grow phase.

Packaging 100 ml, 250 ml, 500 ml & 1 L bottle and 5 L. 10 L & 20 L can.

### alga bloom. base nutrient

### Algae-based nutrient for the flowering phase

PLAGRON .

alga

base nutrient

bloom.

KLEAL-BASED NUTRENT FOR THE FLOWERING PHASE
 TOTTLELANTE A BASE OF ALEAS MARK LA FASE OF FLORACION
 DEVINT HA BAED BAS FRO INC: KUTTEN

- · Stimulates vigorous growth.
- Rapid absorption of nutrients.
- · On the basis of algae extracts.
- No need to worry about pH and EC
- values.
- · Suitable for organic growing.

### Dosage and use

Add a maximum of 4 ml Alga Bloom per litre of water (1:250). Use this solution each time the plants are irrigated during the flowering phase.

### Packaging

100 ml, 250 ml, 500 ml & 1 L bottle and 5 L, 10 L & 20 L can.



## **PLAGRON**

100% NATURAL

OR/G/

ORGANIC

Ó

top grow box.

Everything you need for growing on 1 m<sup>2</sup> 5 products in 1 box

5 products in 1 box.

Green Sensation.

growing on 1 m<sup>2</sup>

### Content

- 100 ml Alga Grow 1 L Alga Bloom
- 100 ml Power Roots 100 ml Vita Race
- 100 ml Green Sensation

**PH** 6.4-7.5 **EC** 1.5-2.2 MS/cm S CERTIFIED









### top grow box.

### All the nutrients you need for

Contains the unique product

 100% NATURAL products are suitable for organic growing (CU Certified).

### easy pack.

### All the nutrients you need for 4 plants

- Contains the unique product Green Sensation.
- · 3 products in 1 pack.
- 100% NATURAL products are suitable for organic growing (CU Certified).

### Content

- 250 ml Alga Grow 250 ml Alga Bloom
- 50 ml Green Sensation

## **THE ORIGIN OF OUR PEAT**

The peat that is used in our potting soils comes from peat fields in Estonia. The Era peat fields in Märjamaa have an area of 350 hectares, while the fields of (Kraver) Kalloveen Estonia in Viljandi measure 850 hectares.



white peat moss

Peat is a wet, spongy type of soil with a low oxygen content that consists of dead plant matter. Such matter is usually quickly decomposed in the presence of oxygen and bacteria, especially at high temperatures and under dry conditions. Under wet and damp conditions the decomposition rate is slower than the rate of accumulation, resulting in the formation of peat. Peat occurs most commonly in temperate, humid zones. Estonia is a good example of an area with such conditions. It ranks among the countries with the most peat worldwide. What is more, the peat from Estonia is of good quality. Another advantage is that the areas where peat is excavated in this Baltic state are favourably situated with respect to harbours, enabling fast transport of the peat to the Netherlands.

### Peat formation

The first peat formed around ten to twenty thousand years ago. Pools of water filled with reeds and other vegetation formed in low-lying parts of the land. When those plants died, their remains formed a layer of organic matter. Over time the pools turned into swamps with a different vegetation. In the end only one plant species was able to survive under the prevailing swampy conditions: the peat moss sphagnum. This rootless plant grows upwards while its lower parts constantly die. That dead, decayed peat moss constitutes a layer of peat. The specific type of growth of the moss resulted in 'mounds' in the landscape with thicknesses of up to ten metres: the peat fields.

#### Excavation

Peat can't be excavated until after a process of five years. Peat fields are waterlogged and have to be drained first. In winter, when the top layer is frozen and machines can ride across the fields, special machines start to dig trenches. The layer of sphagnum is removed and paths are created. The trenches drain the water from the topmost layers. When a peat field is ready for production, a top layer with a thickness of four to eight centimetres is excavated once a year

Each type of peat with its own unique characteristics is used in the Plagron potting soils. Often a mixture of two types of peat is interesting, because then the positive characteristics of both types are combined.

If a field becomes exhausted after decades of peat excavation it is submerged or used for agriculture. Nowadays, new sphagnum is planted in excavated peat fields to restore the natural flora and fauna. A new peat field will then slowly develop there. All in all a remarkable and very interesting process.

transitional peat moss

black peat moss

#### The differences between our soils

Our soil is of high quality. The peat and worm castings are carefully selected, as are the fertilisers. Key concerns are airiness and oxygen level. The 100% NATURAL soils contain high-quality biological life. The 100% TERRA soils offer you a fast start for the highest yields. The following table presents a survey of the concrete differences between all our soils:

	batmix.	royalmix.	plagron allmix.	promix.	lightmix.	growmix.
Pre-fertilised	6 weeks	6 weeks	6 weeks	no	1 week	3 weeks
Fertilisers	organic	organic	organic	none	mineral	mineral
Worm castings	yes	yes	yes	yes	no	yes
Bat Guano	yes	no	no	no	no	no
Structure	coarse	coarse	fine	fine	coarse/fine	coarse
Perlite	yes (10%)	yes (30%)	yes (10%)	no	yes (8%)/no	yes (10%)/no
Water retention	65%	60%	80%	80%	75%	77%



### What is white peat moss?

White peat moss, also known as sphagnum peat, is harvested from the top layer of a peat bog. This layer comprises live peat moss, beneath which lies the remnants of dead peat moss that have not yet decomposed due to humidity. This layer is usually only a few decimetres thick.

### What is transitional peat moss?

Transitional peat moss is obtained from the transitional layer between white and black peat moss. The characteristics of this peat are likewise between those of white and black peat moss.

### What is black peat moss?

Beneath the white peat moss and transitional peat moss is black peat moss: a highly humified, poorly permeable layer of peat that is constantly saturated with water. This layer is on average around 7 to 9 metres thick.

# OUR R&D: WHERE THE MAGIC HAPPENS

Our in-house R&D department is where the magic happens. It's where we make sure your product is always of the absolute highest quality. Where we develop new recipes, products and solutions that you've asked for - or didn't even know you wanted.

#### **Quality and control**

It's not just our in-house R&D department that makes sure our products are always of perfect quality. They work in tandem with our registration department, which is also located at our HQ in Ospel. Together, they ensure all our products meet all the highest worldwide quality and safety standards. We carefully guard the information on the labels as well, making sure it always matches local laws and regulations.

Every single batch of raw materials is checked meticulously for deviations before it's cleared for use in production. Of course, the same goes for every single product batch that leaves our HQ. If you're ever unsure about product quality, don't hesitate to contact us. We'll check your batch code against the batch sample we've got in storage and can tell you what's what within hours.

### Upgrades and innovation

AGROW

Our grow experts and account managers keep an ear to the ground and know what you, the customer, want. Combine that with all the trends and developments that our R&D department keeps an eye on, and you've got a solid base for continuous improvement. And there's a lot of different ways to improve.

> First and foremost, R&D develops new products that we know you want. These developments start as a little seed, an idea. We then let this idea germinate and enter the growth phase. This is when we try different formulas to find one that works in an optimal, safe and cost-effective way. Next: the flowering phase. The time has come to test all our different formulas in our in-house grow room. We carefully check their effects, their optimal use and how they cooperate with our other products. Eventually, we settle on a definitive version of our brand-new product. Time for everyone's favourite part of growing: enjoy your harvest with your friends.

> > But that's not all that happens in our grow room. We also continuously run tests with updated formulas. Sometimes, a small change can mean much better results. Other times, there's a way to make a product more efficient and more cost-effective to use. And of course, we find a way for our products to work together even better – just take a look at what our best buds Green Sensation and Sugar Royal can do when combined.

> > > Now, this is not something we do alone. We work together with partners like research centres, think tanks, universities and branch organisations both foreign and domestic. This way, we can always back up our promises with peer reviews.

## **100% TERRA**

### **GROWERS FAVOURITES**

Is your main aim a heavy yield and do you like to work with fast-absorbing fertilisers? Then our 100% TERRA line is your match. Because all 100% TERRA products are mineral, they are directly absorbable and easy to adjust when needed. The line consists of two substrates and the base nutrients Terra Grow and Terra Bloom. When growing with products from this range, you'll have a lot of flexibility. This means you can completely grow at your own insights.

### MIX 'N MATCH

The 100% TERRA products can be recognised by the red label. All additives from our UNIVERSAL line, recognisable by the purple label, can be infinitely combined. You are free to mix and match to your heart's content! Check the 100% TERRA grow schedule to see which additives we recommend for the best results.

### **GROW SCHEDULE**

WEEK/PERIOD	1	2	3	4	5	6	7	8	9	10	11
PHASE	grow	grow	bloom	harvest							
lightmix.										_	
terra grow.	25 ml	50 ml	-	-	-	-	-	-	-	-	only water
terra bloom.	-	-	50 ml	50 ml	50 ml	40 ml	45 ml	50 ml	50 ml	50 ml	only water
growmix.											
terra bloom.	-	-	-	50 ml	50 ml	40 ml	45 ml	50 ml	50 ml	50 ml	only water
advised additives. (UN	IVERSAL)	)								_	
power roots.	10 ml	10 ml	10 ml	10 ml	10 ml	-	-	-	-	-	only water
pure zym.	10 ml	10 ml	10 ml	10 ml	10 ml	10 ml	-	-	-	-	only water
green sensation.	-	-	-	-	-	10 ml	only water				
sugar royal.	10 ml	10 ml	10 ml	10 ml	10 ml	10 ml	10 ml	10 ml	10 ml	10 ml	only water
power buds.	-	-	10 ml	only water							
lightmix. EC value	1.0	1.6	1.6	1.6	1.6	1.8	1.9	2.0	2.0	2.0	only water
growmix. EC value	0.6	0.6	0.6	1.6	1.6	1.8	1.9	2.0	2.0	2.0	only water

· Add dose per 10 litres of water and apply with every watering.

• The quoted EC values include the EC value of the tap water at 0.4 mS / cm.

Attention: the maximum EC value of the nutrient water must be less than 3.0 mS / cm!

· All stated doses are indications and depend on the condition of the plant.

• To extend the grow phase, repeat the recommended dosage from week 2.

This grow schedule is designed for different types of flower and fruit bearing plants, starting with a young plant like a rooted cutting or a week-old seedling. The duration of the mentioned periods is depending on the type of plant.



**pH** 5.5-6.5

Wanting a custom grow schedule that fits your needs? Hit up our Grow Schedule Calculator!



### lightmix. substrate | fertilised

Growing profitably and fertilise at your own insight

- One week mineral pre-fertilised for a quick start.
- · Fertilise at your own insights.
- Available with and without perlite
- (non perlite).

Usage Start with fertilising after the first week.

Packaging 25 L & 50 L bag. Non perlite: 50 L bag.





Curious about all the ins and outs of these products? Scan the QR code!

• Fast rooting due to low EC value.

### growmix. substrate | fertilised

### Growing without problems on pre-fertilised soil

- Sufficient for the first three weeks.
- · Fertilise during the flowering phase entirely as you see fit.
- Available with and without perlite (non perlite).

Usage Start with fertilising after the third week.

Packaging 25 L & 50 L bag. Non perlite: 50 L bag.





## **100% TERRA**

### **IMPROVED** RECIPE **TERRA GROW** & BLOOM

When one of your main brand values is "leading quality", it's important that you actively and continuously search for optimisations. That's why we've update some recipes based on insights from our R&D department.

That's why from now on, we're adding the trace elements in Terra Grow and Bloom in chelated form. There's a number of advantages to this. Firstly, chelated elements are better absorbable by your plants. They're also less dependent on the pH value, so growing becomes easier for you. Finally, chelates are very mobile within plants. This means deficiencies are less likely to occur, since nutrients will guicker reach affected areas.

Another thing we've changed is the ratio of trace elements. Based on theoretical and practical research, we've updated the exact composition of Terra Grow and Terra Bloom to help prevent deficiencies and to optimise photosynthesis.



Terra Grow is also very suitable for mother plants.



### terra grow. base nutrient



### Complete nutrient for the grow phase

- · Quick results.
- · Guarantees optimal growth.
- · Suitable for all watering systems.
- Dosage and use

NPK 3-1-3

Add a maximum of 5 ml Terra Grow per litre of water (1:200). Use this solution each time the plants are irrigated during the grow phase.

Packaging 100 ml & 1 L bottle and 5 L, 10 L & 20 L can.



terra bloom. base nutrient



Complete nutrient for the flowering phase

- · Quick results.
- · Guarantees vigorous flowering.
- · Suitable for all watering systems.
- Dosage and use

**NPK** 2-2-4

Add a maximum of 5 ml Terra Bloom per litre of water (1:200). Use this solution each time the plants are irrigated during the flowering phase.

Packaging 1 L bottle and 5 L, 10 L & 20 L can.



### top grow box.

All the nutrients you need for growing on 1 m<sup>2</sup>

- · Fast and optimal results.
- Contains the unique product
- Green Sensation.
- 5 products in 1 box.

### Content

100 ml Terra Grow 1 L Terra Bloom 100 ml Power Roots 100 ml Pure Zym 100 ml Green Sensation

16

### easy pack.

### All the nutrients you need for 4 plants

- Fast and optimal results.
- Contains the unique product Green Sensation.
- · 3 products in 1 pack.

### Content

250 ml Terra Grow 250 ml Terra Bloom 50 ml Green Sensation

## 100% COCO

## TAKE YOUR GROWING SKILLS TO THE NEXT LEVEL

Do you prefer to grow hydroponic while still maintaining great aeration and drainage? Then our 100% COCO line fits you like a glove. This line consists of five different substrates and the base nutrient Cocos A & B. The difference with 100% NATURAL and 100% TERRA, is that with 100% COCO you add Cocos A & B during both grow and flowering stages. It's a complete two component nutrient, which is crucial to ensure the optimal ratio of each element without compromising quality. When growing on coco, it is important to always adjust the pH of your nutrient solution and keep an eye on the EC value.

### **MIX 'N MATCH**

The 100% COCO products can be recognised by the orange label. All additives from our UNIVERSAL line, recognizable by the purple label, can be infinitely combined. You are free to mix and match to your heart's content! Check the 100% COCO grow schedule to see which additives we recommend.

### **GROW SCHEDULE**

WEEK/PERIOD	1	2	3	4	5	6	7	8	9	10	11
PHASE	grow	grow	bloom	bloom	bloom	bloom	bloom	bloom	bloom	bloom	harvest
cocos premium. cocos	slab. coco	s brix. pla	gron coco	s perlite 7	0/30. plag	ron hydro	cocos 60/4	10.			
cocos a.	15 ml	20 ml	25 ml	30 ml	35 ml	35 ml	35 ml	35 ml	35 ml	35 ml	only water
cocos b.	15 ml	20 ml	25 ml	30 ml	35 ml	35 ml	35 ml	35 ml	35 ml	35 ml	only water
advised additives hand	l feeding.	(UNIVERS	SAL)							_	
power roots.	10 ml	10 ml	10 ml	10 ml	10 ml	-	-	-	-	-	only water
pure zym.	10 ml	10 ml	10 ml	10 ml	10 ml	10 ml	-	-	-	-	only water
green sensation.	-	-	-	-	-	10 ml	10 ml	10 ml	10 ml	10 ml	only water
sugar royal.	10 ml	10 ml	10 ml	10 ml	10 ml	10 ml	10 ml	10 ml	10 ml	10 ml	only water
power buds.	-	-	10 ml	10 ml	10 ml	10 ml	10 ml	10 ml	10 ml	10b ml	only water
EC value	1.3	1.5	1.7	1.9	2.1	2.5	2.5	2.5	2.5	2.5	only water
advised additives syste	em feedin	g. (UNIVE	RSAL)							_	
hydro roots.	10 ml	10 ml	10 ml	10 ml	10 ml	-	-	-	-	-	only water
green sensation.	-	-	-	-	-	10 ml	10 ml	10 ml	10 ml	10 ml	only water
power buds.	-	-	10 ml	10 ml	10 ml	10 ml	10 ml	10 ml	10 ml	10 ml	only water
EC value	1.5	1.7	1.9	2.1	2.3	2.5	2.5	2.5	2.5	2.5	only water

• Add dose per 10 litres of water and apply with every watering.

• The quoted EC values include the EC value of the tap water at 0.4 mS/cm.

Attention: the maximum EC value of the nutrient water must be less than 3.0 mS/cm! • All stated doses are indications and depend on the condition of the plant.

An stated doses are indications and depend on the condition of the plant

 $\cdot$  To extend the grow phase, repeat the recommended dosage from week 2.

This grow schedule is designed for different types of flower and fruit bearing plants, starting with a young plant like a rooted cutting or a week-old seedling. The duration of the mentioned periods is depending on the type of plant.



**pH** 5.5-6.5

Wanting a custom grow schedule that fits your needs? Hit up our Grow Schedule Calculator!

## HAND FEEDING VS SYSTEM FEEDING

We've received more and more questions about products that are suitable for growing in a hydrophonic/ an irrigation system. Since your wish is our command, off we went creating the new product Hydro Roots specifically for these systems. We've also made a 100% COCO grow schedule that goes with it. In this new schedule, we are using the terms hand feeding and system feeding to make a distinction between giving fertiliser by hand and in a (circulated) system. Since the base nutrient Cocos A and B is mineral and will not clog your pipes or drippers anyway, the difference lies in the additives.

### Hand feeding

All of our mineral and organic products are suitable for hand feeding. In addition to using Cocos A and B, we recommend the additives Power Roots, Pure Zym, Green Sensation, Sugar Royal, and Power Buds for the best results in the 100% COCO grow schedule.

### System feeding

Because Power Roots, Pure Zym, and Sugar Royal contain a high level of organic components, they are less suitable for use in a hydrophonic/an irrigation system. Organic components provide a source for microorganisms to thrive on. This results in the formation of biofilm which can clog drippers, pipes and pumps. It can also cause foaming and a bad smell. This makes it necessary to regularly clean your pipes, which is very labourintensive and time-consuming.

When using a system, we recommend using the following additives in the 100% COCO grow schedule (in addition to Cocos A and B): Hydro Roots, Green Sensation, and Power Buds. These additives contain mostly mineral components and will therefore not clog your pipes or drippers.



Curious about all the ins and outs of these products? Scan the QR code!



### cocos premium. substrate | non fertilised

## Hydroponic growing with stable pH value

- Optimal nutrient uptake due to extra buffering step.
- Low initial EC value prevents calcium deficiency.
- Highest quality coco (RHP-certified).

### Usage

Add nutrients each time you water and set the pH to 5.5-6.5.

### Packaging 50 L bag.



## **100% COCO**



### plagron cocos perlite 70/30.

substrate | non fertilised

Hydroponic growing with an airy mix

- The characteristics of coconut and perlite.
- Fast drainage and more oxygen for the roots.
- · Optimal nutrient uptake.
- Low initial EC value prevents calcium deficiency.
- · Highest quality coco and perlite (RHP-certified).

Usage Start adding fertiliser from day one.

Packaging 50 L bag.

(**PH** 6.3-7.7) (**EC** 0.06-0.09 mS/cm) (**PHP**)



### plagron hydro cocos 60/40. substrate | non fertilised

Hydroponic growing with an ideal mix

- The characteristics of coconut and clay pebbles.
- · Perfect drainage and more oxygen for the roots.
- · Optimal nutrient uptake.
- · Low initial EC value prevents calcium deficiency.

Usage Start adding fertiliser from day one.

Packaging 45 L bag.



cocos slab. substrate | non fertilised

Hydroponic growing with stable pH value

- · Readv to use.
- Optimal nutrient uptake due to extra buffering step.
- · Low initial EC value prevents calcium deficiency.
- · Highest quality coco (RHP-certified).

### Usage

One Cocos Slab can hold 3 to 6 plants. Add nutrients each time you water and set the pH to 5.5.-6.5.

Packaging 12 L slab.



cocos brix. substrate | non fertilised

Hydroponic growing with stable pH value

- 42 liters of coconut substrate in handy size.
- · Easy to transport due to compact
- shape.
- Low initial EC value prevents calcium deficiency.
- · Highest quality coco (RHP-certified).

### Usage

One Cocos Brix makes 7 litres of readyto-use coco substrate. Add nutrients each time you water and set the pH to 5.5-6.5.

Packaging 6 pieces of Cocos Brix.





base nutrient

### BETTER **CROPS** IEW FORMULA

Two component nutrient for the grow and flowering phase

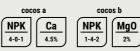
- · Balanced nutrition for optimal results. · Directly absorbable nutrients in a wide
- pH range.
- · Vigorous growth and flowering.

### Dosage and use

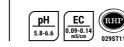
of water (1:250). With every application of Cocos A use the same quantity of Cocos B. Use this combined solution each time the plants are irrigated.

### Packaging

1 L bottle and 5 L, 10 L & 20 L can.







### cocos a. & cocos b.



Add a maximum of 4 ml Cocos A per litre



## **IMPROVED** RECIPE COCOS A & B

The new Cocos A and B formulation contains an even better-balanced nutrient ratio for plants in the flowering stage. Visible improvements will already appear in the first week of the grow stage. Nutrients can be absorbed faster which results in better plant development. Your plant will be stronger, healthier and have improved flower production.

We also improved the amount and source of micronutrients. By choosing for chelated micronutrients, the nutrients are better available for your plant. This results in a better crop and increased yield.

# **FROM PLANT TO PRODUCT**

Plagron coco originates from the palm trees that grow on palm plantations in South India. Hundreds of hectares of palm trees produce the coconuts that make up the source for Plagron coco substrates.



The stability of coco substrates indicates the extent to which the organic material has been broken down. This has a direct connection to the age of the material, older coco ensures a better substrate. Organic matter is beneficial because it helps keeping the substrate light and airy. It also serves as a reservoir for nutrients and water. The decomposition of the coco peat, also known as coir dust, increases the product's water holding capacity. Essentially, this means that the substrate can hold more water and nutrients for the plant to use. This explains why watering is needed less frequently and nutrient will not go to waste by leaching.

#### The ageing process

Only the fibrous husk (outer part of the coconut) is used for coco substrates. The white coconut meat will be removed and used by other industries like the food and cosmetic industry.

> Coconut husk is made of two components: fibres and peat. Coco peat is a dark powdery substance, which is the co-product of the extraction of the fibres. Plagron coco substrates contain mostly coco peat.

When all the coco peat is obtained, it is transported to large storage bunkers. It will be left in these storage bunkers to age for at least 6 months. The aging will take place on a clean, concrete floor. To make sure that sand, weeds and other pathogens do not contaminate the coco peat, the storage bunkers are also surrounded by high walls. Proper ageing with favorable temperatures, oxygen and moisture conditions result in a major improvement of the coco peat.

The coco peat needs to be washed and buffered in order to guarantee a quality substrate. This is done by flushing the coco peat with fresh water. During this process some of the sodium and potassium will be replaced by calcium and magnesium molecules.

A lot of the coco substrate suppliers sell their product after only washing it once. The reason Plagron delivers the best quality coco substrate is because Plagron takes an extra step. To ensure the best quality, the coco peat is shipped to the Netherlands where it undergoes the buffering process again. This process takes place under strict quality control.

#### The buffering process

The buffering process is the process where large amounts of calcium and magnesium are added to the substrate. By doing this it will be ensured that all of the sodium and potassium is washed out (see figure 1). This leaves the coco without the sodium and potassium molecules. The positively charged calcium and magnesium molecules are all bound to the negatively charged coco structures (see figure 2).

Therefore any calcium and magnesium that is added to the substrate through

### The differences between our coco substrates

Plagron coco substrates are widely recognised for their superior quality, which is the result of our commitment to using only the best materials and applying strict quality control measures throughout the production process. Our coco substrates are made from the fibrous husk of coconut shells and are carefully washed, buffered, and enriched with essential nutrients to provide an optimal growing medium for plants. The following table presents a survey of the concrete differences between our coco soils:

	cocos premium	plagron cocos perlite 70/30	plagron hydro cocos 60/40
Drainage	+	++	+++
Water retention	+++	++	+
Buffering capacity	+++	++	+
Weight	++	+	+++
Application	all watering systems	all watering systems	all watering systems except ebb and flow systems
Ideal for	ebb and flow systems	drip irrigation system	autopot & drain-to-waste



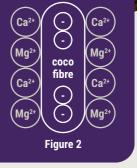
### **RHP QUALIFIED**

The quality of Plagron coco substrates, is confirmed by the RHP quality mark which confirms the following quality properties:

- Balanced sodium, potassium, calcium and magnesium ratios.
- Free of sand, weeds and other pathogens.
- Physical stability (does not compress).
- Excellent water holding capacity.







fertilizers will actually be easily available for the plant and nutrient deficiencies will be avoided. Only after successfully completing this process the coco is packaged and sold as grade-A quality substrate. This guaranteed quality is emphasized by the RHP quality label. After all these steps Plagron continuously checks the quality.

A sample will be taken from each batch. For the quality control, the sample will be tested by our Research and Development department meaning that the pH, EC and the volume of the product meet the specification requirements. All this effort is made to guarantee the best possible substrate.

Cocos Premium is our base coco substrate and is also the base for all our other coco substrates. It is available in 50 liter bags, as a 1 meter slab and as brix. Besides this, Plagron has two mixed substrates available: Plagron Hydro Cocos 60/40 with 60% clay pebbles and 40% coconut fibre, and Plagron Cocos Perlite 70/30 with 70% coconut fibre and 30% perlite.

# **100% HYDRO**

### ARE YOU A GROW MASTER LOOKING FOR FULL CONTROL?

Are hydroponics and total control what you are looking for? Then you'll find satisfaction in our 100% HYDRO line. With our 100% HYDRO products, you're fully in charge of the pH and EC values. You also determine your nutrient values yourself. As such, you can very specifically meet your plant's demands. This makes 100% HYDRO best suited for experienced growers. The line consists of one substrate and the base nutrient Hydro A & B. You're working with a two component nutrient suitable for both the grow and the flowering stage. This is crucial to ensure the optimal ratio of each element without compromising quality.

### **MIX 'N MATCH**

The 100% HYDRO products can be recognised by the blue label. All additives from our UNIVERSAL line, recognisable by the purple label, can be infinitely combined. You are free to mix and match to your heart's content! Check the 100% HYDRO grow schedule to see which additives we recommend for the best results.

### **GROW SCHEDULE**

WEEK/PERIOD	1	2	3	4	5	6	7	8	9	10	11
PHASE	grow	grow	bloom	harvest							
euro pebbles.										_	
hydro a.	14 ml	16 ml	18 ml	20 ml	22 ml	25 ml	only water				
hydro b.	14 ml	16 ml	18 ml	20 ml	22 ml	25 ml	only water				
advised additives. (UN	IVERSAL)	)									
hydro roots.	10 ml	10 ml	10 ml	10 ml	10 ml	-	-	-	-	-	only water
green sensation.	-	-	-	-	-	10 ml	only water				
power buds.	-	-	10 ml	only water							
EC value	1.4	1.6	1.8	1.9	2.0	2.3	2.3	2.3	2.3	2.3	only water

· Add dose per 10 litres of water and apply with every watering.

 $\cdot$  The quoted EC values include the EC value of the tap water at 0.4 mS / cm.

Attention: the maximum EC value of the nutrient water must be less than 3.0 mS / cm!

• All stated doses are indications and depend on the condition of the plant.

 $\boldsymbol{\cdot}$  To extend the grow phase, repeat the recommended dosage from week 2.

This grow schedule is designed for different types of flower and fruit bearing plants, starting with a young plant like a rooted cutting or a week- old seedling. The duration of the mentioned periods is depending on the type of plant.



**pH** 5.5-6.5

Wanting a custom grow schedule that fits your needs? Hit up our Grow Schedule Calculator!



### euro pebbles.

substrate | non fertilised

Hydroponic growing for the highest vield

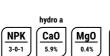
- Cleaner and firmer than comparable
- products.
- Multifunctional use.
- Vigorous root growth.
- Suitable for recirculating systems.

### Usage

Add nutrients each time you water and set the pH to 5.5-6.5.

Packaging 10 L & 45 L bag.





base nutrient

Economical in use.

· Quickly absorbable.

Dosage and use

Packaging

phase





Curious about all the ins and outs of these products? Scan the QR code!

### hydro a. & hydro b.

### Two component nutrient for the grow and flowering

Complete control over the pH and EC values.

Add a maximum of 2.5 ml Hydro A per litre of water (1:400). With every application of Hydro A use the same quantity of Hydro B. Use this solution each time the plants are irrigated.

1 L bottle and 5 L, 10 L & 20 L can.





### TIP

A layer of Euro Pebbles at the bottom of the pot will ensure extra drainage and protect the plant from drowning.

## **UNLEASH YOUR INNER LEGEND!**

You've made it until our UNIVERSAL line! Next to our four base lines, we also have this line consisting of a wide range of additives. The products from our purple range can be applied on all substrates and combined with all fertilisers. The UNIVERSAL line consists of a booster, a biostimulant ten enhancers, five controllers, four substrate complements and three start products. The UNIVERSAL products can be recognised by the purple label.

### LOOKING FOR THE BEST TASTE & THE HIGHEST YIELD?

Then you should definitely try the golden combination: Green Sensation + Sugar Royal. They are both already great products on their own, but whenever combined they produce results that will blow you away.

Green Sensation is a powerful 4-in-1 booster that can be used in any grow style, guaranteeing the highest yields. It improves flowering, resistance, soil and yields. Green Sensation tricks the plant into believing it has to create more plant mass, so that it can take up more water from the soil. This leads to heavier and more massive fruits and flowers.

If you add Sugar Royal along with Green Sensation, you will excel in taste. Sugar Royal is an amino acid product that improves the taste of your buds and speeds up the growth of your plant. Sugar Royal contains a special ingredient that triggers drought stress. This stress makes the plant go into survival mode. In consequence it wants to catch pollen and it has only one way to do this: make more resin. This increased resin production leads to a much better taste of your end product.

# green sensation.

IN ONE

4-in-1: Improves flowering, resistance, soil and yield
 4-in-1: Mejora la floración, la resistencia, el suelo y el rendimiento
 4 y 1: Zlepšuje kveteni, odolnost, púdu a výnos





UNIVERSAL

additive enhancer | 🖈

Verbetert de smaak en verkort de cyclus BEFFR Améliore le goût et raccourcit le cycle FR Améliore le goût et raccourcit le cycle

# **PLAGRON**

### UNIVERSAL

# IN ONE sensation.

4-IN-1: IMPROVES FLOWERING, **RESISTANCE, SOIL AND YIELD** 

### **4 EFFECTS IN 1**

Green Sensation is essential for every grower. Besides being easy to use and very cost effective, it combines four effects in one bottle.

 Improves flowering To develop the best end result, a plant needs more phosphorus (P) and potassium (K) in the flowering phase. Green Sensation supplies the ideal ratio of PK to guarantee the best end result of your grow.

### Increases resistance

Green Sensation helps the plant to develop stronger cell walls and more organic material. This makes your plant firmer and physically stronger, which is essential to a good end result.

#### Improves soil

Green Sensation contains ingredients that are active in the soil around the roots of your plant. They help the plant by making the soil structure airier and that's beneficial to roots during flowering.

### Maximises yield

Green Sensation ensures that the sap flow in the plant gets the right nutrients to start the processes that lead to the best yields.



### green sensation. additive

### 4 in 1: Improves flowering, resistance, soil and yield

#### • 4 effects in 1.

- Cost-effective to use.
- · High quality of end result and
- inaredients.
- User-friendly.

#### Dosage and use

NPK 0-8-9

Add 1 ml of Green Sensation per litre of water (1:1000). Use this nutrient solution from the fourth week of the flowering phase.

Packaging 100 ml, 250 ml, 500 ml & 1 L bottle and 5 L, 10 L & 20 L can.







Curious about all the ins and outs of these products? Scan the QR code!

#### Dosage and use

amino acids.

Shake well before use. Add a maximum of 1 ml of Sugar Royal per litre of water (1:1000). Use this solution each time the plants are irrigated during the entire cultivation period.

#### Packaging

100 ml, 250 ml, 500 ml & 1 L bottle and 5 L, 10 L & 20 L can.





### power roots. additive | enhancer



Promotes root growth and boosts resistance

- · Fast and vigorous root development.
- · Increases root surface area.
- · Improves nutrient absorption and soil structure.

#### Dosage and use

Add 1 ml of Power Roots per litre of water (1:1000). Use this solution each time the plants are irrigated until the fourth week of the flowering phase.

#### Packaging

**NPK** 0-0-2

100 ml, 250 ml, 500 ml & 1 L bottle and 5 L, 10 L & 20 L can.

### **IMPROVED RECIPE PURE** ZYM

Several processes are needed to trigger the breakdown of plant residues. In nature, this happens with the help of multiple organisms and enzymes. But it take quite some time.

In our improved Pure Zym recipe, several natural enzymes have been combined that turn 'larger' plant residues into more loose components. These components are then easily re-absorbable by new roots.

The most optimal ratio of these natural soil enzymes has been researched by our R&D department and put all together in the "new" Pure Zym.

> Accelerates the decomposition of plant residues

PLAGRON .

· Accelerates nutrient absorption. · Highly concentrated, so economical to use.

#### Dosage and use

pure zym.

additive | enhancer

**STRONGER** 

PERFORMANCE

**NEW FORMULA** 

Add 1 ml of Pure Zym per litre of water (1:1000). Use this solution during the entire cultivation period each time the plants are irrigated.

#### Packaging

100 ml, 250 ml, 500 ml & 1 L bottle and 5 L, 10 L & 20 L can.



hydro roots. additive | enhancer

PLAGRON .

hydro

roots.



Promotes root growth and boosts resistance

- No clogging in drippers or pumps.
- Fast and vigorous root development.
- · Improves nutrient absorption.

#### Dosage and use

Add 1 ml of Hydro Roots per litre of water (1:1000). Use this solution each time the plants are irrigated until the fourth week of the flowering phase.

#### Packaging

100 ml, 250 ml & 1 L bottle and 5 L, 10 L & 20 L can.



## MEET **OUR NEW PRODUCT: POWER BUDS!**

TRIENT

Power Buds is the first official biostimulant on the market. It gets you more bud formation and speeds up the flowering. When used from the moment vour cultivation switches from growing to flowering, plants will start spending their energy producing more buds. As a result, they create flowers faster, stay compact and form more flowers.

Never heard of biostimulant? Biostimulants are substances that can help improve plant growth and development. Unlike fertilizers, biostimulants do not provide nutrients directly to the plant. Instead, they work by enhancing the plant's natural processes.



### power buds. additive | biostimulant



### Increases amount of buds and accelerates flowering

- · Increases bud formation.
- · Speeds up flowering.
- · Does not increase EC value.

#### Dosage and use

Add up to 1 ml of Power Buds per liter of water (1:1000). Use this nutrient solution from the moment you switch your cultivation from growing to flowering.

#### Packaging

100 ml, 250 ml & 1 L bottle and 5 L, 10 L & 20 L can.





### Iron spray for the grow and flowering phase

- Stimulates the production of chlorophyll.
- Stimulates and accelerates growth and flowering.
- · Enhances resistance.

#### Dosage and use

Add a maximum of 5 ml of Vita Race per litre of water (1:200). Spray the plant weekly with this nutrient solution, up to and including the third week of the flowering phase.

### Packaging 100 ml & 1 L bottle and 5 L can.

# vita start.

additive | enhancer

PLAGRON .

vita start.

Foliar feed for seedlings, cuttings and mother plants

- Stimulates branching and fructification.
- Also suitable for mother plants. Stimulates the production of chlorophyll.

### Dosage and use

Add 1 ml of Vita Start per litre of water (1:1000). Spray the plant once a week with this nutrient solution until dripping wet.

Packaging 100 ml & 1 L bottle.



pk 13-14. additive | enhancer

For more compact and firmer fruit

- Stimulates and accelerates growth and bloom.
- Ensures more compact flowers.
- Stimulates fructification.

### Dosage and use

Add 2 ml of PK 13-14 per litre of water (1:500). Use this solution in the flowering phase each time the plants are irrigated.

### Packaging

250 ml, 500 ml & 1 L bottle and 5 L, 10 L & 20 L can.

# PLAGRON . silic rock. additive MPROVES THE PERFORMANCE OF YOUR PLAN MELORA EL ACTUACIÓN DE TUS PLANTAS ZUPPILLE VÝRON VALICH ROSTLIN

silic rock. additive | enhancer

#### Improves the performance of your plants

- · Improves uptake of phosphorus,
- calcium and micronutrients.
- Strengthens cell walls and improve resistance.
- · Increases drought and salt tolerance.

### Dosage and use

Shake well before use. Add a maximum of 1 ml of Silic Rock per litre of water (1:1000). Use this solution during the entire cultivation period each time the plants are irrigated.

Packaging 250 ml, 500 ml & 1 L bottle and 5 L can.



### fish force. additive | enhancer

For rapid growth, green leaves and high resistance

- Stimulates and accelerates growth.
- · Can also be used for mother plants.
- · Stimulates the production of chlorophyll.

### Dosage and use

Add a maximum of 10 ml Fish Force per litre of water (1:100). Use this solution once a week during the grow phase.

### Packaging

1 L bottle and 5 L can.

NPK 0-5-8 **Fe** 8%









### start up. additive | enhancer

Complete nutrient for growth with root stimulator

- Stimulates branching and fructification.
- Ensures a vigorous and healthy root system.
- Stimulates the production of chlorophyll.

#### Dosage and use

Add 7 ml of Start Up per litre of water (1:150). Use this solution once a week during the grow phase.

### Packaging

100 ml & 1 L bottle and 5 L can.

### ph plus.

ph plus.

PLAGRON .

additive | control

Increases the pH level of the nutrient water

- Aids in hardening of the plant.
- Can be used in the growing and flowering stage.
- Suitable for all watering systems.

### Dosage and use

Add pH Plus in steps of 0.5 ml per litre of water (1:2000) and measure the pH value as you go along.

**Packaging** 500 ml & 1 L bottle.



**ph min.** additive | control

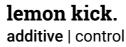
### Reduces the pH level of the nutrient water

Revitalising effect.

- Can be used in the growing and flowering stage.
- Suitable for all watering systems.

### **Dosage and use** Add pH Min in steps of 0.5 ml per litre of water (1:2000) and measure the pH value as you go along.

Packaging 500 ml & 1 L bottle. <section-header><text><section-header><text><text>



### Naturally reduces the pH value

### • Does not influence the EC value.

- Up to three times as effective as other pH regulators.
- Suitable for all watering systems
- This product is suitable for organic farming (CU certified).

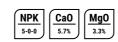
### Dosage and use

Add Lemon Kick in steps of 0.5 ml per litre of water (1:2000) and measure the pH value as you go along.

**Packaging** 500 ml & 1 L bottle and 5 L can.









**NPK** 3-1-3



additive | control

calmag pro.

nutrient absorption.

Dosage and use

Packaging

& 20 L can.

water

### The perfect base for RO- and soft

Ideal for use with LED lamps.
Strengthens the cell walls and increases resistance.

Promotes root development and

Add a maximum of 1 ml CalMag Pro per litre of water (1:1000). Use this solution each time the plants are irrigated.

500 ml & 1 L bottle and 5 L, 10 L

### calcium kick.

additive | control

### Increases the pH level and improves the soil structure

- Contains high concentration of magnesium and trace elements.
- Improves soil structure.
- Does not influence the EC value.
- This product is suitable for organic farming (CU certified).

### Dosage

Outside: 5 - 12 kg per 100 m<sup>2</sup>. Potting soil: 2.5 - 5 kg per 1000 litres of potting soil.

### Packaging

5 kg bucket.









### **bat guano.** additive substrate complement

### Bat manure for the best smell and taste

- Enhances smell and taste.
- Stimulates growth and bloom.
- Stimulates soil life.
- This product is suitable for organic farming (CU certified).

### Dosage

Outside: 20 kg per 100 m<sup>2</sup>. Potting soil: 10 kg per 1000 litres potting soil.

**Packaging** 1 L pot, 5 L bucket and 25 L bag.

### supermix.

additive substrate complement

## Complete fertiliser for a rich soil life

- Optimal ratio of a variety of fertilisers.
- Stimulates soil life.
  Enhances resistance.
- This product is suitable for organic farming (CU certified).

#### **Dosage** Outside: 1 litre per 10 - 20 m<sup>2</sup>. Potting soil: 25 - 50 litres per

1000 litres potting soil.

**Packaging** 1 L pot, 5 L bucket and 25 L bag.

### mega worm.

additive substrate complement

Worm castings which stimulate the soil life

- Rapid germination of seeds.
- Enhances root development.
- Stimulates growth.
- This product is suitable for organic farming (CU certified).

#### **Dosage** Outside: 1 litre per 3 - 5 m<sup>2</sup>. Potting soil: 100 - 200 litres per 1000 litres of potting soil.

**Packaging** 1 L pot, 5 L bucket and 25 L bag.



**perlite.** additive substrate complement

## For an aerier substrate and better drainage

- High water and oxygen holding capacity.
- Consistent quality and germ free.
- Provides an ideal water/air ratio.
- RHP quality mark.

Dosage

Mix 10 - 35% Perlite into the soil.

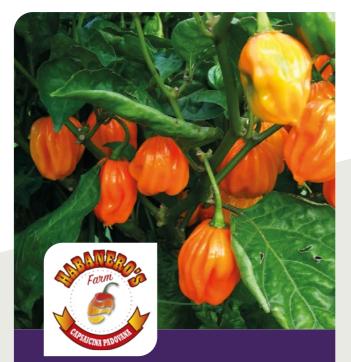
Packaging 10 L and 60 L bag.











## EXPERIENCE OF A PLAGRON USER

Daniele runs the Habanero's Farm (Vanzo, Italy), on which he grows high quality chilies for his restaurant with spicy cuisine.

"Habanero's Farm and Plagron share the same idea of quality and care to the final product. After various trials of substrates and fertilisers, I chose Plagron for the great effectiveness and quality of the product. I only want to use the best materials for Habanero's Farm. I use lots of Plagron products, for every life phase of the plants. Seedbooster for germination. As substrates I use Lightmix and Growmix, with added perlite. For nutrients I prefer Terra Grow and Terra Bloom combined with Power Roots and Green Sensation for strong flowering and fruit formation."



### seedbooster plus. start

Fertiliser for the first phase of the plant's life

- Speeds up the plant's growth process considerably.
- · Supplies the plant with all
- essential nutrients.

Dosage and use

Add 7 drops of Seedbooster Plus per litre of water. Use this solution to moisten the seeds until they have germinated.

Packaging 10 ml bottle.

## PLAGRON



### seeding & cutting soil. start

A healthy start for seeds and cuttings

- · Especially made for sensitive cuttings and seedlings.
- · Fast and vigorous root development.
- · Very low EC value and an optimal pH value.

Usage Plant the seedlings and cuttings in a pot with Seeding & Cutting Soil.

Packaging 25 L bag.





COMPLETE SET VOOR HET VEILIG ONTKIEMEN VAN ZADEN **FR** KIT COMPLET POUR FAIRE GERMER LES GRAINES EN TOUTE SÉC

### seedbox.

start

Complete kit for safely germinating seeds

· Perfect starter kit for every grower.

 Every Seedbox contains 250 ml Seedbooster.

Content Growing tray 12 germination plugs 250 ml Seedbooster

# **OUR SERVICE** TOOLS

## **SERVICEDESK**

Need some help with any questions about your grow? You can always get in touch with our Servicedesk. We can answer any questions about indoor and outdoor growing, our products and much more. The Servicedesk can be reached through servicedesk@plagron.com or via our social media. We'll help you to grow legendary!

## **GROW SCHEDULE** CALCULATOR

Calculator do the work for you!

looking for.

## **SHOPLOCATOR**

products.

www.plagron.com



**NPK** 5-4-7

Starting a new grow and looking for a complete and tailor made grow schedule? Let our Grow Schedule

## SUBSTRATE SELECTOR

Just getting started with Plagron or switching goals to a higher yield or better taste of your end result? Fill out our Substrate Selector. It will help you discover which grow style and products fit best with the results you're

If you can't find a shop that carries our products near you, use our Shoplocator. Just search for your location and we'll show you the nearest shops selling our

## **LEAGUE OF LEGENDS**

There are people that we look up to. Because they are walking books of knowledge, make a success of the craziest grows or pull off the most extreme stunts. We're honoured to support these legends in their missions. They deserve the spotlight. And we're happy to oblige.

PLAGRON

SPEED RECORD 175 KM/H

### **CORENTIN DESBOIS**

Meet Corentin Desbois: this 40 year old owner of two grow shops loves to ride his snowscoot downhill in Pra Loup, one of France's biggest ski resorts. His fascination for extreme sports arose at a very young age, so he became a fanatical BMX rider. But then one day,

he discovered a picture of a snowscoot in a BMX magazine. It was on that day that a boy lost his heart. "I went straight up to my parents to tell them I needed to ride this thing." At the age of just 13, he had fallen head over heels with what soon became his biggest

passion: riding the snowscoot. Now he has a single goal: becoming the fastest human on the planet without the use of an engine. Since we empower the passionate to become legendary, we support him through this journey.

It all started with a small vegetable garden that soon grew out of hand. Now, Gerjan's parents have already had to sacrifice their car parking space, their shed and their bushes for their son's hobby. The young Gerjan from Wezep likes to grow pumpkins. Giant pumpkins, more specifically. Pumpkins so big they can only be transported on a



## **GERJAN PUTTENSTEIN**

trailer. They can grow up to 600 kg! Each year, Gerjan is setting a new goal for the Dutch championship for growing pumpkins. Again and again he tries to push his giants further. With the coaching from Plagron's Grow Experts, he has been achieving astounding results.

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