

Highlight Horticulture 'Favourite Distributor of the year' Garden Culture, Hydro Awards 2020

Product Catalogue 2021

2020. Wow, well, what a year that was! The onset of the COVID-19 pandemic had a strange effect on the industry. Panic buying started pre-lockdown and continued throughout, some stores managed to remain open for web sales etc and some had to close for quite a period; it sure was unusual.

We would like to say a big thanks to you, the guys n gals who run the stores, for being patient with us. We had to quickly transform the infrastructure of our business to enable us to continue to supply massive demand. We also had to provide a safe environment for all our workforce, who, it needs to be said, worked their hearts and souls out to keep the orders flowing. Split shifts, earlies, lates and weekends, they did them all. A huge thanks from me goes out to all of them, well done lads!

Our new ordering portal has been a huge success with shops placing orders at all times of the day and night, we have even had one or two arrive at our offices after midnight. At least they get our foremost attention first thing the next day. If you haven't had a look at it yet and would like to, please contact your rep or the sales office and we will set you up. It's a great a way of ordering and ensures that you receive exactly what you want! Many shops have found that they are able to find and buy items they never knew we stocked You can also look at previous and current orders, check stock availability and download invoices etc. It has proved to be a great tool for many stores.

Our loyalty scheme continues to be industry leading in terms of its comprehensive inclusion of all our nutrient ranges and growing media. There is also loads of flexibility when it comes to using or spending your points. If you're not signed up to it yet, why not? Its free, easy and saves you money.

Please take time to give the catalogue a good perusal as we have many new items and some products have changed slightly.

Highlight will strive to maintain our standards of service and continue to provide value for money during these difficult and challenging times we find ourselves in.

Stay safe and remember:

'we keep you growing' David Oates MD

This catalogue is printed on 100% recycled paper

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"Coco growers that really want the best choose CANNA Coco" It's a combination of high value Coco substrates and fertilisers that guarantee the best results.

Coco peat is the leftover material after the fibres have been removed from the outermost shell (bolster) of the Coconut. CANNA, a leading pioneer, was impressed by the potentials of this product. After many years of research, CANNA successfully created a new medium complete with a special Coco nutrient solution. During its launch, CANNA was the first company to introduce RHP certified CANNA Coco to the market.

Coco A/B

grow and flower Coco nutrient

Coco

Coco

Coco A & B is a complete professional nutrient for growing plants in Coco. It contains all the essential elements for optimal growing and flowering.

Thanks to the special characteristics of Coco substrate CANNA Coco doesn't have a Vega and Flores variant, but there is one unique formulation for both the growth and blooming phase. We can't make things easier!

CANNA Coco is easy to use, dissolves directly and is extremely suitable for growing in all watering systems, like for example run-to-waste systems, flood and drain systems and ebb and flow systems.

Since they were launched, Terra Vega and Terra Flores have become the most used nutrients worldwide for cultivating short cycle and fast growing plants in potting mix. **CANNA TERRA's** composition has been adjusted to suit these type of plants. Terra Vega and Terra Flores contain all the nutrients needed. in a form that can be absorbed directly ensuring that optimal intake is guaranteed from the start

of cultivation.

CANNA

Terra Vega

potting mix grow nutrient

Terra Vega

ATTLE TOCOP

CANNA

The development of vital, young side shoots and good root development is characterised by healthy, fast growth. This is the basis that's needed for achieving top results.

Terra Vega contains all the nutritional elements that the plants need during this phase.

Terra Vega works universally and is suitable for use with all types of potting mixes.

Terra Flores

potting mix flower nutrient

Terra Flores

4141 JAC

CANNA

It is certainly desirable that all the nutritional elements that the plants need should be directly available in the correct proportions during their exuberant flowering phase. It is for this reason that Terra Flores contains all the nutritional elements that the plants need during the flowering phase.

The plants' need for nitrogen reduces just as their need for potassium and phosphate greatly increases during the growing phase.





There is a reason there are special nutrients for this growing method. Not every substrate is usable if you're growing on a recirculating system.

Ebb and flow systems and the drip system can be used in combination with a substrate. Most nutrient systems for recirculating systems assume that an inert substrate is used.

An inert substrate is a substrate that does not withdraw nutrients from the nutrient solution, nor does it add them. This does not mean it will not affect the pH of the medium, rockwool is an example of an inert medium that does not affect the EC but does raise the pH level. Soil is not an inert substrate, as soil contains nutrients that, if they are also in the nutrient solution, would result in an excess of certain elements.



recirculating system nutrient

Aqua Vega

ANN

CANNA Aqua Vega is a fast working nutrient for plants containing all the essential elements for optimal growing. The growing phase is important, because during this phase the plants lay the basis for an exuberant bloom and yield.

Aqua Vega

ANNA

Aqua Vega is used in recirculating systems, such as NFT or ebb and flow systems.

Due to the special composition of this nutrient, it is not necessary to adjust the pH levels after setting it initially.

Aqua Vega ensures a strong plant with vital growth spurts and excessive root development.

Directly absorbable nitrogen compounds, high quality EDDHA iron chelating agents and trace elements guarantee an ideal start for the bloom.

Aqua Flores

recirculating system nutrient

Aqua Flores

ANNA

CANNA Aqua Flores is a complete nutrient for plants, containing all the essential elements for optimal flowering.

Aqua Flores

CANNA

Aqua Flores is used in recirculating systems, such as NFT or ebb and flow systems.

In the plant's exuberant generative (blooming) phase, it is vitally important that all necessary nutrients are available directly and in the right quantities.

Aqua Flores stimulates the growth of fruits and contains all necessary elements that are required during the blooming phase. For example, the plant requires less nitrogen during the blooming phase. However, the need for potassium and phosphorous is greater. Aqua Flores is rich in these elements and special chelated trace elements allow direct absorption resulting in a perfect bloom.

Aqua Flores Complete A&B 1L 01017 5L 01117 10L 01116 Aqua Flores A 1L 02480 5L 02482 10L 02478 Aqua Flores B 1L 02481 5L 02483 10L 02479



Since their launch CANNA Hydro Vega and CANNA Hydro Flores are used worldwide by many satisfied growers. The composition of the products in the HYDRO product range is adapted to the needs of fast growing plants.

CANNA Hydro Vega and CANNA Hydro Flores contain all the elements a plant requires in a form that can be absorbed directly, guaranteeing an optimal uptake as soon as the plant begins to grow. This results in maximum yield and full flavour.

When growing in hydro culture the plant is 100% dependent on the nutrients provided in the irrigation water. And because this irrigation water is usually based on tap water CANNA has optimised its products for different types of tap water.



Hydro Vega

inert media food

Hydro Vega

ega

SOFT

WATER

CANNA Hydro Vega is a complete nutrient for the growth phase, specially developed for cultivation on inert media. Fast and healthy growth is characterised by vigorous shoots and good development of the root system and this forms the basis for achieving top results. CANNA Hydro Vega contains all the nutrients a plant needs in this phase. You will need to apply the nutrient solution 1 to 3 times a day.

You must also ensure that the drainage is such that 10 to 20 percent of the irrigation water with nutrients leaves the growing media.

Under normal circumstances you will need 3 to 5 litres of nutrient solution per square metre per day.

Hydro Flores

inert media food

CANNA Hydro Flores is specially developed for use during the flowering phase. During the plant's exuberant flowering phase all nutrients must be available guickly and in the right guantities for the plant to absorb directly.

Na 08/09

So again, when using CANNA Hydro Flores, ensure that the drainage is such that about 10 to 20 percent leaves the growing media. This usually means applying 4 to 6 litres per square metre per day.

This will ensure that all elements are directly available to the plant when the plant actually needs them.

Hydro Vega Soft Complete A&B 1L 00323 5L 00324 10L 00325 Hydro Vega Hard Complete A&B 1L 00317 5L 00318 10L 00319 Hydro Vega Soft A 1L 02466 5L 02464 10L 02462 Hydro Vega Soft B 1L 02467 5L 02465 10L 02463 Hydro Vega Hard A 1L 02474 5L 02474 10L 02496 Hydro Vega Hard B 1L 02475 5L 02477 10L 02497

Hydro Flores Soft Complete A&B 00326 1L 00327 5L 00328 10L Hydro Flores Hard Complete A&B 00320 1L 00321 5L 00333 10L Hydro Flores Soft A 1L 02458 5L 02460 10L 02456 Hydro Flores Soft B 1L 02459 5L 02461 10L 02457 Hydro Flores Hard A1L 02470 5L 02472 10L 02468 Hydro Flores Hard B 1L 02471 5L 02473 10L 02469



COGr consists of a specially formulated mixture of coco husks, coco fibre and coco granulate. This medium offers the advantage that it is aerated, therefore making it easier to control. This results in faster root development and a higher yield!

COGr is compressed and dried, for easy transportation and storage. This makes it ideal for the demanding grower.

Three revolutionary fertilising products have been developed especially for use with COGr. COGr Buffer Agent, COGr Vega and COGr Flores.

COGr Vega

COG

COGr Boards grow nutrient

COGr Vega is a complete professional nutrient for the growing period of plants in COGr boards. COGr Vega ensures healthy and strong plants that produce long, vigorous growth shoots.

COGr Vega

COGr Vega contains all the essential elements for optimal growing. COGr nutrition also contains pH-stabilisers and humic and fulvic acids. COGr nutrients in combination with COGr growing substrate are the ideal combination for the experienced and demanding grower.

COGr Flores

COGr

CANN

B

COGr boards flower nutrient

CANNA COGr Flores is a complete professional nutrient for the blooming period of plants in COGr boards. It stimulates fruit development and provides an unequalled juice production and large fruits. COGr Flores in combination with COGr growing medium is the nutrient for the experienced and demanding grower.

COGr Flores

CANNA

COGr Flores contains all the essential elements for optimal flowering. COGr nutrition also contains pH-stabilisers and humic and fulvic acids.

Buffer Agent

calcium and magnesium buffer

CANNA COGr Buffer Agent is a special liquid that is used to soak and buffer COGr boards.

Buffer Agent

CANNA developed this agent especially for the preparation of this growing medium.

COGr Vega Set A&B 1L 01020 5L 01093 10L 01323 COGr Vega A 1L 02506 5L 02508 10L 02504 COGr Vega B 1L 02507 5L 02509 10L 02505 COGr Flores Set A&B 1L 01021 5L 01094 10L 01324 COGr Flores A 1L 02500 5L 02502 10L 02498 COGr Flores B 1L 02501 5L 02503 10L 02499 COGr Buffering Agent 1L 01019



At CANNA we see more and more people choosing to grow organically. In fact, over the past decade, organic products have become the fastest growing sector of agriculture, with an annual increase of at least 20 percent. And going from their positive responses and findings, we expect this trend to continue, and for organic growing to become the growing method of the future.

BIOCANNA fertilisers are guaranteed 100% organic and especially developed for cultivation in potting mix. Products grown with BIOCANNA fertilisers may be called biological or ecological, provided they are grown biologically and in accordance with the international CU guidelines.

Bio Vega

bio grow nutrient

Bio Vega has been developed especially for the plants' growth phase. Bio Vega is rich in highly absorbable betaine nitrogen that is released according to the plant's needs.

Bio Flore

The bio active substances in Bio Vega stimulate the root development and the formation of strong growth shoots.

Bio Flores

bio flower nutrient

Bio Flores was developed for the blooming phase of plants.

Due to the fact that Bio Flores is made of plant material it provides many of the necessary minerals in the correct proportions.

In addition to these minerals, the fermented plant-material also contains substances such as Betaine and a lot of aminoacids, which provide the plant with extra blooming power.

BIO RHIZOTONIC

bio root stimulant

The most powerful root stimulator for organic growing. Bio RHIZOTONIC is a 100% natural, organically certified root stimulator (OMRI) Bio RHIZOTONIC contains a range of vitamins, including vitamins B1 & B2.

Bio RHIZOTONIC

Bio RHIZOTONIC stimulates the development of root hairs, root tips and increases the plant's resistance. A powerful root system ensures that the plant can absorb more nutrients and grows faster. Bio RHIZOTONIC has a noticeably vitalising effect on plants.

BIO BOOST

bio plant stimulant

BioBOOST is a yield increasing agent for all cultivation systems and can be applied in combination with all CANNA's nutritional lines and additives.

800

BioBOOST is not a nutrient but a natural fermented plant extract with bloom stimulating characteristics that are also responsible for a fuller flavour.

BioBOOST was developed by CANNA Research from plant extracts from tropical rainforests and is a true boost for plants.



RHIZOTONIC

powerful root stimulant

CANNA RHIZOTONIC is a powerful, algae based, vegetative stimulator for plant roots. It contains multiple vitamins and is 100% natural. RHIZOTONIC adds more than 60 microbiological substances that considerably speed up the growth of a balanced root environment.

Besides stimulating root growth on plants that are already rooted, RHIZOTONIC also stimulates new root growth on cuttings and transplants. The various trace elements and vitamins such as B1&B2 stimulate the production of hormones and root growth, thus providing beautiful, strong white roots.

Good results start with a healthy plant. Because RHIZOTONIC stimulates root growth, it improves the strength of a plant. This is especially important during the first weeks of a plant's life, since young plants are the most vulnerable. RHIZOTONIC stimulates further root development, increases the plant's resistance to diseases and promotes its inner and outer strength.

CANNAZYM

a unique blend of enzymes

CANNAZYM is a high-quality enzyme product that speeds up the process of breaking down dead root material and activates beneficial micro-organisms.

CANNAZYM also helps plants take up nutrients and increases the resistance against diseases. Enzymes are substances that speed up the reactions in living organisms. For example, enzymes play a vital role in our digestion.

They turn dead roots into minerals and sugars. This is important, because these minerals and sugars make up a valuable source of nutrients for the plant.

CANNAZYM consists of more than 12 different kinds of enzymes to which vitamins and extracts of desert plants are added. These elements improve the uptake of nutrients and the plant's defence system. Also, vitamins stimulate the production of hormones.

CANNAZYM improves the soil environment. A fast breakdown of root remains creates a balanced hydrological regime and good aeration in the root environment.

PK 13/14 super bloom booster

The nutrients potassium and phosphorus are essential for flowering and fruit setting plants. CANNA PK 13/14 is a quality mixture of potassium and phosphorous compounds. CANNA PK 13/14 dissolves easily in (tap) water and is therefore immediately available.

Use CANNA PK 13/14 from the moment the flower bud develops or at the onset of fruits. 15ml CANNA PK 13/14 per 10ml nutrient solution.

CANNA only uses high grade nutrients and chelates which are immediately and completely available for the plant.

BOOST ACCELERATOR

plant metabolic stimulant

CANNABOOST Accelerator was launched by CANNA in 2007 after an extensive research project to develop a better plant growth booster than anything available on the market. The resulting product is a liquid metabolism elicitor with high energy content, and with no added plant growth regulators.

In CANNABOOST, the oligosaccharide polymer is one of the important elements, with the specific group of oligosaccharides of interest coming from the breakdown of the plant cell as well as the fermentation of microorganic cells into carbohydrates of a specific length and form. Then the fermentation process begins that reduces these simple sugars into ethanol. This ethanol is removed, and the remaining components are converted into what becomes CANNABOOST: a specific mixture of oligosaccharides, polysaccharides, amino acids, proteins, other polymers, and other compounds.

CANNAZYM 250ml 01609 1L 00330 5L 00331









initial plant nutrient

CANNA Start is a balanced one-part nutrient for seedlings and (rooted) cuttings. CANNA Start can be used on various substrates like rock-wool plugs, Coco pellets, jiffy plugs, seed-mixes and most other propagation media, except re-circulating systems and clone machines. Propagation media are media on which you can reproduce plants.

CANNA Start gives you all the micro- and macro nutritional elements for a seedling or cutting to develop into a strong healthy plant.

Only one bottle needed. CANNA Start is a complete one-part nutrient, meaning it contains all the elements needed in one bottle. (No A and B versions needed)

CANNA FLUSH

fast nutrient flush

CANNA Flush is a product to clean substrates and plants from any excess nutrients. Excess nutrients in the root zone of a plant can lead to over-fertilisation or malnutrition, for example.

When used just before harvest it makes sure the plant gets rid of all excess, which will lead to a clean and tasteful harvest.

CANNA Flush effectively cleans the substrate without killing any useful bacteria or beneficial fungi, as can be the case when you use reverse osmosis or de-mineralised water.

It can be used on all substrates. CANNA Flush is recyclable.

CANNACURE

plant leaf coater

CANNACURE is an unique leaf nutrient that prevents and controls plant pests and mildew. It's environmentally friendly and free of toxins. CANNACURE ensures healthier plants, bigger flowers and increased yields.

CANNACUP

CANNA

It is very important that CANNACURE is applied thoroughly on both sides of the leaves. Use CANNACURE once a week as a preventive measure, to make sure that plant pests cannot attack the leaves. If you have a heavy infestation of mildew, whitefly, spider mites or mealy bugs, for example, spray every three days and repeat, if necessary, after a further three days. Then continue spraying weekly as normal.

CANNACURE can be used from the beginning of growth until harvesting, alongside your normal feeding routine.

CANNACURE, the right choice.

CALMAG AGENT

water conditioner

In response to popular demand, CANNA has produced a CALMAG AGENT.

CANNA

CALMAG AGEN

You can use this product to raise the Calcium and Magnesium content of your soft water, which will increase the EC of it.

It will improve your water to make sure your plant can grow strong and healthy.

Fewer deficiencies

Increase in nutrient uptake

Stronger plants

Stimulates better quality flowers

Highly concentrated

Increases the EC of your water

Less nutrients required



Iron

CANNA Iron helps a number of important functions in the plant's total metabolism and that makes it an essential element. It plays the major part in photosynthesis and a large part in the production of chlorophyll.

CANNA Iron is chelated so can be absorbed by the plant directly, can be mixed with all fertilisers and is pH stable. It is a perfect product to replenish iron deficiency and to stimulate the growth and bloom.

Magnesium

CANNA Magnesium is essential for photosynthesis. It is an essential atom in chlorophvll. Furthermore. magnesium influences other pigments and physiological processes. This makes it an essential element in the development of the plant.

CANNA Magnesium can be directly absorbed by the plant and therefore the effects can be seen quite soon. It can be used as a fertiliser for magnesium deficiency and as a supplementary nutrient to stimulate the growth and bloom.

Trace Mix

CANNA'S TRACE MIX consists of several trace elements that are essential for the development of your plants. These trace elements are used for several enzyme systems and therefore have an influence on the development of plants. TRACE MIX is a mineral fertiliser, which is

extremely suitable as a supplementary nutrient to stimulate the growth and bloom of plants. Besides that it can serve to reduce the deficiency of trace elements.

Potassium

Optimally improve the quality and quantity of the flower by using **CANNA** Organic Potassium.

This organic product makes the cell wall stronger and in addition increases the resistance.

CANNA Organic Potassium improves the production of proteins, bloom, and carbohydrates. It also improves the water management and the transport of water and nutrients in the plant.

Calcium

The plant tissues are optimally stabilised by using CANNA Calcium. It stabilises the cell wall, influences growth hormones and regulates the transport of water and nutrients in the plant. In addition liquid calcium can be directly absorbed by the plant, so that the cell tissue is immediately strengthened.

CANNA Calcium can be used as calcium fertiliser to replenish a deficiency or as a supplementary nutrient to stimulate growth.

Phosphorus

CANNA Phosphorus influences the bloom and the secondary metabolites and can in addition directly be absorbed by the plant due to its liquid form. **CANNA** Phosphorus is the perfect product for stimulating the bloom or cure a phosphorus deficiency in the plant. It is an essential element that plays a major part in the plant's

energy system.

Nitrogen

CANNA Nitrogen stimulates the growth of your plants.

It plays a major part in the production of proteins and in the energy metabolism, which is essential for the development of the plant. It can be used for nitrogen deficiency and as a supplementary nutrient to stimulate the growth.

CANNA Nitrogen is also an essential nutritional element for improving the juice production.

The liquid can be directly absorbed by the plant and improves the vegetative growth.

Iron (Fe) Plus Mono 1L 00355

Magnesium Mono 1L 00354

Trace Mix Mono 1L 00356

Potassium (K 20%) Mono 1L

Calcium (Ca 15%) Mono 1L 00353

Phosphorus (P 20%) Mono 1L 00351

Nitrogen (N 17%) Mono 1L 00350



pH- PRO

CANNA pH- Bloom Pro 1L allows you to maintain the right pH value to ensure that your crops absorb nutrients. The product is an additive made for the flowering stage

Organo Acid pH-

CANNA Organo Acid can be used as an organic alternative for CANNA pH-.

It can be used to bring down the pH values in your water or substrate. Maintaining the right pH value is crucial for your plant's ability to take up nutrients. It also serves as an alternative for nitric acid and phosphoric acid.

pH+ PRO

CANNA pH+ Pro 1L is made to adjust the pH's value upwards.

The additive is made for both the vegetative stage and the flowering stage.

CANNA delivers 2 pH+ Pro solutions including a 5% formula for minor adjustments and a 20% formula for large adjustments.

CANNA's pH Up is made to help growers achieve the right values of pH for top-quality

D-Block

CANNA D-Block is an organic product based on anionic detergents. It cleans and prevents obstructions in drip and spraying systems during cultivation. It also prevents the build-up of precipitant.

Use CANNA D-Block pre-emptively with every irrigation (the product is completely non-toxic) and make sure that the pipes and dripper remain wet internally between irrigations.

Before every new crop, it is advisable to fill the system with clean water and D-Block (with an adjusted pH of 5.2) to protect the system and prevent any obstructions during the next cultivation.

Starter Kit TERRA

This set contains everything your plant needs including: 1L TERRA Flores 1L TERRA Vega 250ml RHIZOTONIC 125ml CANNABOOST 125ml CANNAZYM 50ml PK13/14 1 Grow Guide 1 Pests & Diseases Leaflet 1 Deficiency Leaflet

Starter Kit COCO

This set contains everything your plant needs including: 1L CANNA COCO A&B 125ml CANNAZYM 250ml RHIZOTONIC 125ml CANNABOOST 50ml PK13/14 1 Grow Guide 1 Pests & Diseases Leaflet 1 Deficiency Leaflet **Nutrients & Additives**



BIOBIZZ WORLD WIDE ORGANICS

From planting seed to picking the first produce, Biobizz® are leaders in their field when it comes to eco-friendly crop cultivation. Potting soil, liquid fertilizers, substrate enhancers – They produce a huge range of 100% biological products for all kinds of plants. In fact, ever since they began in 1992, Biobizz has helped people grow successfully and organically, with no earth-hating chemicals in sight.

GREEN THINKING

Our philosophy is pure and simple. To be ecologically aware and make the organic cultivation of crops accessible for everyone, without leaving behind any negative impact on the environment'.

BIO•GROW/BIO•BLOOM certified organic plant nutrition

Bio-Grow You can apply this liquid growth fertilizer to most types of soil and substrate mixtures. It has 100% organic Dutch sugar beet extract at its base – commonly known as vinasse. Starches in the sugar are then treated with enzymes to produce glucose that, along with other plant nutrients, help produce a rich food source for soil microbes, boosting their populations for a more productive soil.

Bio-Bloom Hoping for exuberant flowers that lead to tasty fruits? Then this 100% organic, complete liquid fertilizer, as its name suggests, is what you need.

It contains the optimum blend of nitrogen, phosphorous and potassium, along with enzymes and amino acids.

Bio Grow 500ml 37256 500ml 02904 1L 02884 5L 02908 10L 02916 Bio Bloom 250ml 37257 500ml 02917 1L 02918 5L 02907 10L 02919

CALMAG

organic and certified

Biobizz Calmag has been designed for the professional grower and the hobbyist that needs an extra boost of Calcium and Magnesium in their grow.

Calcium and magnesium are essential elements for proper plant growth and blooming, as they play a key role in cell production and photosynthesis.

Ca/Mg deficiencies are common, as in today's world we cannot rely on tap water to ensure correct mineral concentration.

Either if you need to stick with soft tap water or go down the RO path, Biobizz Calmag brings you a 100% organic and certified solution fo Ca/ Mg deficiencies.

FISH•MIX bio substrate enricher

This rich infusion of organic fish emulsion from the North Sea, mixed together with extract of Dutch sugar beet helps accelerate the growth of all living organisms in the substrate. It also stimulates the production of micro-organisms and useful bacteria in all types of soil and Coco-based substrates. It's good to know that its in keeping with our strict organic farming requirements.

Fish-Mix is not extracted with acids or stabilised with BHT (butylated hydroxytoluene) – a synthetic preservative. Even after a few days of use, it will have transformed poor quality earth into rich, fat soil – full of the natural minerals your plants are hungry for.

ROOT-JUICE bio root stimulant

Made entirely from vegetable ingredients and designed for organic gardening, Root-Juice combines two amazing natural substances: premium humic acid and seaweed.

It's specially formulated to encourage vigorous root development and enhance the natural biological life that surrounds and supports your plant's root system.

Right from the start, Root-Juice helps with the initial roots stage as well as the growth of plants that have already rooted. This ensures the plant is better prepared to absorb nutrients more quickly – resulting in a strong, resilient crop and a guaranteed good harvest for all plant breeders.

Calmag 250ml 37553 500ml 37552 1L 37551 5L 37548 10L 37550 Fish Mix 250ml 37258 500ml 02920 1L 00952 5L 02921 10L 02922 20L 05766

Root Juice 250ml 02905 500ml 05729 1L 02912 5L 02927 10L 05767 20L 05762



ALG•A•MIC

bio plant rescue mix

Stress-free, happy plants generally produce larger fruits.

Alg-A-Mic comes to the rescue if they've suffered from overfeeding, deficiencies, diseases or fluctuations in temperature. It also ensures green leaves, by stimulating chlorophyll absorption.

As early as 3000 B.C., seaweed has been harvested for food, medicine and fertiliser.

Alg-A-Mic is made from a high grade, organic seaweed concentrate extracted through cold pressing, rather than chemical solvents. This high level of natural nutrition caters to the whole spectrum of a plant's needs, resulting in plenty of verdant green foliage.

TOP•MAX

bio flower stimulant

This 100% organic flowering strengthener contains ingredients that can help increase the actual size and weight of the flower clusters. Nutrient uptake is improved. Plants grown result in sweeter, smoother tasting flowers.

How it activates the flow of nutrients is essentially down to how it's able to free up the minerals calcium, iron and magnesium in the soil, which stimulate the plant's metabolism.

Top·Max is incredibly effective because of the humic acids it contains. The main source of these is the ancient substance, Leonardite.

BIO•HEAVEN

bio plant booster

Your plants will look forward to complete, all-round nirvana with Bio-Heaven.

It contains carefully selected biological stimulants, such as amino acids – the basic building blocks for proteins and enzymes that are essential for the plant's structure and metabolism.

It improves the effects and translocation of nutrients in all foliar sprays and fertiliser blends. It also gets rid of toxins through boosting the plant's anti-oxidant system and repairs chlorophyll production.

Bio-Heaven stimulates enzymatic activity and fast nutrient absorption, while increasing the chelate of essential macro and micronutrients. Plants are also better able to retain moisture and experience less humidity stress as a result.

ACTI-VERA bio health promoter

Acti-Vera has been designed to protect the immune system, increase metabolism and enhance nutrient absorption in all sorts of plants.

Acti-Vera makes plants stronger and healthier, both inside and out. It protects and activates the immune system, increases germination and plant metabolism – breaking down sugars and enhancing nutrient absorption.

A super natural power product for plants and it is 100% vegan.

LEAF•COAT bio plant leaf coater

Leaf-Coat is a ready-to-use product that strengthens and protects plants against unwanted insects and damaging leaf fungi.

Made from natural latex that was originally developed to prevent evaporation. It creates a permeable, self-degradable barrier on the leaf, which still allows air and light to get through. At the same time, the natural latex layer it forms around the leaves, helps the plant breath and stops it from 'sweating'. Then when the temperature drops, such as in winter months, Leaf-Coat safeguards against the cold by helping maintain the leaf temperature.

As an environmentally friendly alternative to pesticides, Leaf-Coat couldn't be more suitable or safer to use. Reducing the need to use pesticides also saves money.

Leaf Coat 500ml 04531 1L 04530 5L 37261 10L 37262

Algamic 250ml 37260 500ml 02924 1L 02911 5L 02925 10L 02926 20L 05761 Top Max 250ml 37259 500ml 02909 1L 02886 5L 02906 10L 02923 20L 05759 BioHeaven 250ml 02928 500ml 02910 1L 02929 5L 02930 10L 05768 20L 05760 Acti Vera 250ml 05914 500ml 05364 1L 05365 5L 05915 10L 05916



TRY-PACK Indoor

If you're into the idea of indoor cultivation but not sure how to start, try the Biobizz Try-Pack Indoor.

You can't go wrong with this high quality, great value, complete pack. Designed to be easy to handle, it can also be combined with any other Biobizz products or Try·Packs to maximise your crop and minimise costs.

This combination provides basic feeding for 1-4 plants.

Each pack contains:

- 250ml Bio·Grow
- 250ml Bio·Bloom
- 250ml Top·Max

TRY-PACK Outdoor

If the climate in your region is suitable and growing outside is your thing, let Biobizz make life easy for you.

CAIZ

BICBIZZ

new

DIST.

You can't go wrong with this high quality, great value, complete pack. Designed to be easy to handle, it can also be combined with any other Biobizz products or Try-Packs to maximise your crop and minimise costs.

- This combination provides basic feeding for 1-4 plants.
- Each pack contains:
- 250ml Fish·Mix
- 250ml Bio⋅Bloom
- 250ml Top·Max

TRY-PACK Stimulant

BUILD

Do your plants seem rather lacklustre and in need of a boost? If talking or singing to them didn't work, it might be time to turn to the magical power of our Try-Pack Stimulant.

BIOBIZZ

new

The Biobizz Try-Pack Stimulant is the one to choose when you want to take that extra organic step – with bigger plants, sweeter tasting fruit, and fantastic results.

You can't go wrong with this high quality, great value, complete pack. Designed to be easy to handle, it can also be combined with any other Biobizz products or Try-Packs to maximise your crop and minimise costs. This combination provides basic feeding for 1-4 plants.

- Each pack contains: 250ml Alg·A·Mic
- 250ml Top·Max
- 250ml Root-Juice

TRY-PACK Hydro

SICBIZI

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Y-PACK

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So you want to grow hydroponically but are tired of feeding minerals to your plants. Maybe you'd like to enjoy the natural taste of an organic harvest but can't let go of your soil-free ways? Get the best out of two worlds: organic and hydroponic quantity.

You can't go wrong with this high quality, great value, complete pack. It stimulates optimal root development and organically protects the growing plants in your hydro system.

Designed to be simple to handle, it can also be combined with any other Biobizz products or Try-Packs to maximise your harvest and minimise costs.

This combination provides basic feeding for 1-4 plants.

- Each pack contains:
- 250ml Bio⋅Bloom
- 250ml Top·Max
- 250ml Bio·Heaven





Now fully re-branded, Terra Aquatica continues to provide legendary quality in one, two and three part nutrients, substrates and systems.

With updated classics and new additions, Terra Aquatica is solidifying its reputation for simplicity, reliability, affordability and quality into 2021 and beyond.

<complex-block>

TriPart Grow®

TriPart[®] (formerly Flora Series)

the original three-part nutrient

TriPart®, formerly Flora Series, the

system for hydroponics. Coco and soil.

3-part "Building Block" nutrient system.

TriPart gives the best balance between

concentration and flexibility: "Plants not

areen enough? Use more of the green

one. Too green? Use less green and

more pink." After 30 years of tweaks

still that simple.

+ PK + Oligo Elements.

and improvements, using T.A. TriPart is

Three bottles of T.A. TriPart replaces: A

and B Grow + A and B Bloom + CalMag

But T.A. isn't just about value: the T.A./

growers including AutoPot Global who

still choose TriPart for R&D because it

gives highly reliable, extremely effective results thanks to genuine high quality

GHE reputation for quality is based

on real-life results for professional

formulation and ingredients.

Originally developed for NASA, as a

original 3-part advanced nutrient

Supports structural and vegetative growth,builds strong roots and provides the majority of the nitrogen, potassium and secondary minerals in TriPart.

Use higher levels in growth, and lower levels in flowering.

TriPart Micro®

The foundation of the 3 part "building block" system, providing micro and sub-micro nutrients and some complementary macronutrients, Micro is available in both hard water and soft water versions for optimal results even in RO water.

Use all the way through growth and bloom.

TriPart Bloom®

Blooms provides all the phosphorus and potassium that your plants need to increase root formation and health during growth, and fulfil their genetic potential to the maximum during flowering and fruiting.

Use lower levels in growth, and higher levels in flowering.

Pro Organic (formerly G.O. Thrive)

rganic Nutrien

Grow

3-1-5

GHE

certified organic one-part liquid nutrient

Our ultra concentrated organic nutrient has a pedigree dating back to 2004, and an extensive commercial user base for three main reasons:

GHE

1. Unbeaten flexibility: Pro-Organic's unique formula and fabrication process means it works in everything from pots of garden soil to professional recirculating bare-root hydroponic systems.

2. Amazing concentration and value: a tiny maximum application rate of just 2ml per litre makes Pro Organic one of the most concentrated and economical liquid nutrients currently available.

3. Reliable results even without additives: T.A. mineral nutrients give great results without any extras. As with all organic nutrients, in soft water, poorly buffered coco coir, or with high demand crops (eg lettuce) you may need to use T.A.'s Calcium Magnesium additive with T.A. Pro Organic, but in most growing situations, just one bottle of Grow and one of Bloom will deliver impressive 100% organic results.





DualPart Coco (formerly FloraCoco)

two-part coco specific nutrient

Say goodbye to CalMag supplements forever!

Uniquely amongst leading brands, DualPart doesn't need additives for success from seed to bloom: other Coco specific 2-part nutrients require additional Cal/Mag and PK boosters, as well as 2 bottles of "grow" and 2 bottles of "bloom" nutrients. Not with DualPart Coco®: two bottles are all you need even in the most demanding substrates! DualPart Coco® is exceptionally rich in calcium and magnesium, but it also contains the full range of other elements that a plant needs for healthy vigorous growth, followed by bountiful flowering and fruiting. This includes the trace and micro-elements which give your final product all the aroma and flavour that your plant is capable of developing.

As with most of our nutrients you use both parts throughout the life cycle of your plants; you simply change the ratio of "grow" to "bloom" as your plants progress: easy, and incredibly effective.

NovaMax[®]

ultra concentrated hybrid organic one part nutrient

The most highly concentrated truly complete 1-part liquid nutrient on the market today.

FloraNova® represents a breakthrough in fertilizer technology giving users the strength of a dry concentrate and the ease of a liquid, in a TRUE 1-part formulation: one bottle for Growth, one bottle for Bloom - no need for additives to ensure healthy growth.

Our unique formulation of highly purified minerals and natural additives is concentrated using patented technology: a very small amount of FloraNova® goes a very long way and works well with any plant type. With a maximum dosage of just 2.5ml/L our new TA made Nova has all the benefits of the older FloraNova but now pours more easily and with less residue thanks to our upgraded humic acids and production line.

Maxi Series Gro & Bloom®

complete powder nutrient

PH-buffered, ultra-concentrated: all our mineral nutrient expertise in dry powder form.

The two formulations, MaxiGro one for vegetative stages and crops, and MaxiBloom for flowering and fruiting, are stand alone, water-soluble formulas made with high quality primary, secondary and micro- nutrients in the right concentrations to give maximum aroma and production in even the softest water.

Both are also pH-buffered, which means nutrient solution pH will hold its value for longer once your pH target is met.

The dry powder format makes Maxi Series highly portable, easily stored, which makes it a popular choice for outdoor Gardeners.

MaxiGro and MaxiBloom can be used for all types of plants and with a variety of water qualities. Whether you're working in Coco coir, hydroponics, soil-less or soil, the Maxi Series gives you all the flexibility and transportability you need.





FinalPart[®]

control your harvest

Late flowering nutrient / forcing Solution: a TA innovation.

The industry standard way to end a fruiting cycle - FinalPart is our best selling product for good reasons! In late life flowering plants need a dedicated diet to produce maximum flavour and yield. FinalPart provides that diet. So instead of losing intensity with weeks on water, FinalPart allows plants to continue producing as they eliminate excess chlorophyll and metabolise any nutrient excesses.

FinalPart acts as a "forcing solution" pushing your plants into finishing the ripening process, allowing you to decide when ripening occurs. Result: up to 10% more yield, stronger flavour and more active principles.

Use FinalPart with FlashClean to get the best results.

FlashClean®

substrate rinse and conditioner

From rejuvenating house-plants to maximising yields and potential in commercial hydroponics.

FlashClean is one of the most powerful tools available to gardeners! FlashClean® releases nutrient bonds between minerals and substrate

and allows you to rinse excess residue. This release also helps plants make the most of remaining fertilizers, especially in the crucial week just before harvest. What this means in practice is the ability to reset substrate EC on demand, accentuating changes in nutrient regime and delivering the ability to remove EC build ups when needed.

Calcium Magnesium®

high quality CalMag

Proper Calcium and Magnesium availability is vital to optimize nutrition in fast growing plants. It helps prevent secondary nutrient deficiencies, supports growth and fruiting, and prevents blossom end rot and tip-burn in many particularly intensive crops such as tomatoes and lettuce.

T.A. Calcium Magnesium Supplement provides concentrated Calcium and Magnesium in a highly bio available, clean and soluble form that will not clog drippers. It can be used alongside most nutrient regimes.

T.A. Calcium Magnesium Supplement can also help counter Calcium sequestration when growing in Coco coir using Organic nutrients, or when expanding compressed Coco bales.

Silicate (formerly Mineral Magic)

organic silicon source

T.A. Silicate offers the same advantages as original Mineral Magic: highly soluble silicate, a wide range of trace elements, and a colloidal clay based that makes for a great foliar product as well as a substrate or tank additive, plus, lower sulphur levels which mean it is now compatible with beneficial micro-organisms...It's a win-win.

Hugely less expensive than some potassium silicate products, TA Silicate is equally if not more bio-available, and is pH neutral and safe to use for people and beneficial organisms.

Fulvic (formerly Diamond Nectar)

natural bio-stimulator

Fulvic Acid is a staple of all serious growers. It's a natural chelator that increases availability of nutrients, stimulates fine root hair growth, and contributes to better germination, earlier harvests and better overall plant health.

There are many sources of Fulvic acid across the world and T.A. have taken their usual approach with their product: source a high quality example and make it available for an affordable price in a no- nonsense format. New for late 2020, TA Fulvic now contains higher levels of humates for even better root growth.

Suitable for all plants, substrates and systems from germination to flowering.

FinalPart 500ml 37303 1L 37302 5L 37301 10L 37300

FlashClean 500ml 37307 1L 37306 5L 37305 10L 37304

Calcium Magnesium 500ml 05966 1L 05967 5L 05968 10L 05969

Silicate 1L 36331



Bloom Booster (formerly G.O. Bud)

organic bloom booster

Boost explosive flowering and fruiting: naturally. T.A. Bloom Booster is a powerful bloom stimulator that generates explosive flowering and massive fruit production.

It increases metabolic activity and mineral uptake by utilizing biostimulants and organic transport enhancers - not synthetic PGRs. This induces abundant, dense, floral clusters during the crucial flowering and fruiting phases. The results are spectacular flowering and more flavourful fruits.

T.A. Bloom Booster works naturally, allowing plants to express the best of their genetic potential. Works with plants during the flowering phase of plant growth.

Use with all nutrients, all substrates, in your garden and in hydroponics.

Root Booster (formerly G.O. Root Plus)

organic root booster

T.A. Root Booster is a natural root growth supplement that helps plants establish healthy and vibrant root systems. It contains only natural vitamins, enzymes, organic and humic acids that stimulate root mass through completely safe means - not by using synthetic PGRs.

T.A. Root booster is an outstanding additive for seedlings and cuttings, helping young plants develop strong and healthy root systems, and for mature plants it will reinforce and maintain health by improving nutrient uptake.

You can also significantly increase germination success rates and improve the health of young seedlings by using Root Booster in solution to soak your seeds before planting. Use in conjunction with T.A. Fulvic for the ultimate growth phase boost combination.

Pro Boosters

industry standard boosters

Through our research on organic stimulator's we have found an extraordinary line of products that we are proud to include in our range. The Terra Aquatica Pro Roots, Pro Bloom and Protect were developed by independent researchers, and our tests, as well as those conducted by several of our clients, were dazzling! Conformed to European regulation CE N° 834/2007 on organic agriculture, manufactured naturally and totally biodegradable.

Pro Roots (formerly G.H. Roots)

ultra concentrated booster

T.A.'s concentrated root booster delivers the results of the original formula in a super concentrated form, allowing mineral growers to minimise the amount of organic matter in their grow.

Pro Bloom (formerly G.H. Bloom)

ultra-concentrated booster

By promoting balanced nutrient delivery and stimulating flowering, T.A. Pro Bloom can add up to 20% in dry weight to flowering plants.

Like Pro Roots, T.A. Pro Bloom is super concentrated (0.1ml/L), fully organic, and also stimulates beneficial microorganisms to further enhance plant growth.

Protect (formerly G.H. Protect)

concentrated plant protection

T.A. Protect strengthens a plant's immune system repelling insects by increasing the production of alkaloidal repulsive saps in the leaves and flowers.

60ml

Oligo Spectrum®

micro and sub micro elements

FOR USE WITH NON T.A. NUTRIENTS ONLY

Not all base nutrients contain a full spectrum of plant nutrients: for those situations, and for applications where direct application of some ingredients to roots may not be possible, such as aquaponics.

T.A. makes Oligo Spectrum: a full range of trace and sub trace nutrients to complement base NPK nutrients. Just don't use alongside T.A. nutes as they're already in there!

Pro Roots 30ml 36345 60ml 36346 250ml 36347 500ml 36459 Pro Bloom 30m 36328 250ml 36330 500ml 36460 Protect 30ml 36332 60ml 36333 250ml 36334

Root Booster 500ml 36321 1L 36322 5L 36323 Pro Ro





Contraction of the second seco

Humic (formerly G.O. Diamond Black) liquid humic acids

Fully organic, wide spectrum lignohumate s from recycled wood.

High quality ultra-pure humics from a totally renewable source. Humic is an excellent source of humates derived from a new, natural, sustainable source: sawdust!

T.A. Humic is a super clean product, free of residues, and using a totally sustainable supply. Containing nothing but pure lignohumate- humate organic compounds with an exceptionally high percentage of plant-active humates, T.A. Humic improves nutrient absorption, stimulates microbial activity, promotes open soil structure, increases nutrient retention and reduce water usage. Ideal for Organic growing. For recirculating systems use T.A. Fulvic

Seaweed[®] (formerly G.O. Seaweed)

pure cold pressed seaweed

Powerful pre-flowering activator, from the purest source on the planet T.A. Seaweed® is a 100% natural plant and soil vitality enhancer that encourages prolific root and foliage growth as well an increase in flowering sites, and larger flowers and fruits. Seaweed will promote vigorous, healthy growth in synergy with any feeding regime, in soil, Coco or hydroponics.

Marine plants of many types have long been recognised as powerful plant boosters and stress relieving agents, but one species, Ascophyllum nodosum, stands out as the most effective. And so, to deliver as many active elements as possible in T.A. Seaweed®, including high quality organic nitrogen, we cold-press Ascophyllum from the purest waters on the planet, and add nothing else

Seaweed 500ml 36324 1L 36325

Urtimax (formerly G.O.Urtica)

pure liquid nettle brew

Treatment for chlorosis, Organic silica source, general health tonic and adaptable pest deterrent: Urtimax is an Organic all rounder. Urtimax stimulates plant growth, fights leaf chlorosis and mineral deficiencies and improves pest resistance.

Urtimax is a high-quality nettle brew like those gardeners have been using for hundreds if not thousands of years.

Made by fermenting nettles in water, T.A. Urtimax offers exceptional protection and nutrition for your plants. Nettles are exceptionally rich in silica and iron, and contain high levels of nitrogen, potassium, magnesium, micro elements, enzymes and trace minerals, and, as with kelp emulsion, nettle tea also stimulates a plant's immune system, improving its resistance to pests and disease.

Urtimax 500ml 36326 11 36327

TrikoLogic®

vital for organic growing

High quality dry Trichoderma harzianum culture. Vital for Organic growing and every commercial gardener's secret weapon.

TrikoLogi

Trichoderma breaks down organic matter in substrates releasing the minerals that plants feed on. This process of decomposition and nutrient release is fundamental to organic and bioponic gardening. On top of this benefit, as it establishes colonies, Trichoderma releases a range of plant growth stimulating compounds and substances that inhibit or kill pathogens in the soil which might otherwise harm your plants.

As with all T.A. products, our Trichoderma brand is of the highest quality - all strains and cultures are not equal, and some are significantly less viable than others.

TrikoLogic S®

ultimate root zone protection

Professional quality Trichoderma with added hot weather protection.

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Trikologic S

The ultimate in biological root zone protection and health. T.A. Trikologic S adds hot weather protection from Streptomyces negrecens to our standard biologicalprotection for your grow. On top of the growth boost and protection offered by Trichoderma, Streptomyces coats roots with a protective mycelium that physically prevents fusarium and pythium spores from infecting them.

Trikologic S delivers all the benefits of additional nutrition and stimulation that standard Trikologic provides, but it also gives you what is genuinely the only reliable natural way of protecting your grow from root pathogens in hot and difficult conditions: well chosen, professional quality mycorrhizae.





Welcome to Gold Label, a family run business dating back three generations.

GOLD LABEL

Gold Label has a long history of innovation, product improvement and quality certification. Their professional substrates and nutrients are the result of both using the finest materials in the market and listening to the feed back from customers.

Gold Label keep on innovating and developing products as the market changes to ensure meeting expectations of their worldwide customer base.

Horticultural growers trust Gold Label. That's why it's the professionals preferred choice.

Coco for all coco substrates

The professionals choice when growing in coco coir substrates. It's highly concentrated for longevity, and we ensure the pH stability so that natural pH shifts in the root zone won't negatively affect your results. Perfect for all Coco Substrates.

Gold Label Coco A+B is specially designed for use with Gold Label Coco substrate to achieve the best results. Still, it will work well in all coco mediums due to its stable pH components. Used alongside our stimulator's and boosters, it will give you the best results possible in a coco substrate.

Soil for peat and compost substrates

Developed for connoisseur growers, to use in a soil-peat substrate, helping you achieve the most exceptional quality possible.

When used with Gold Label's specialmix substrates, you'll see the plant express its natural colours and increased terpene production.

Growing in soil substrates gives you the flexibility to push the plant towards peak quality while still achieving substantial yields. Our Soil A+B is also the perfect nutrient for growers learning their craft. Soil substrates and our soil nutrients are incredibly forgiving if you make mistakes; this makes it the ideal choice if you are starting to learn how to grow plants.

Hydro designed for hydroponic growers

A true professional nutrient for hydroponic growers. Whether you grow in expanded clay pebbles, rock wool or other inert media, our Hydro A+B base nutrient is the full profile product you need to achieve the best results.

Growing hydroponically is considered the best method for maximising plant yield. However, it can require constant pH analysis and alteration.

We developed our hydro base-nutrient to reduce the impact of pH drift, alongside our innovative chelation techniques to ensure full nutrient uptake across a broad pH range.

60/40 designed for 60/40 substrate

Our 60/40 A+B was developed to be used alongside our revolutionary 60/40 substrate; the nutrient is perfectly balanced for regular and extended watering cycles in systems.

If you prefer to hand-water in a 60/40 substrate, this product ensures you get the right amount of nutrients into the root zone each time you irrigate.

Typically, 60/40 coco will dry out quicker and will need watering more often. Rather than using a standard coco A+B feed, which could potentially overfeed and create lockouts, when you use our 60/40 A+B, you will get the best results every time whether hand feeding or in a system.

Coco A 1L 36807 5L 36809 10L 36805 Coco B 1L 36808 5L 36810 10L 36806 Coco A&B 1L 06026 5L 06027 10L 06028 Soil A 500ml 36828 1L 36826 5L 36830 10L 36824 Soil B 500ml 36829 1L 36827 5L 36831 10L 36825 Soil A&B 500ml 06019 1L 06020 5L 06021 10L 06022

Hydro A 1L 36812 5L 36814 10L 36803 Hydro B 1L 36813 5L 36815 10L 36804 Hydro A&B 1L 06023 5L 06024 10L 06025 60/40 A 1L 36818 5L 36822 10L 36816 60/40 B 1L 36819 5L 36823 10L 36817 60/40 A&B 1L 06053 5L 06054 10L 06055



Ultra MG

for vigorous plant production

Base nutrients deliver what the plants need for luscious and robust growth, through all stages of development.

Ultra MG compliments this with pure nitrogen and magnesium to enhance the production of chlorophyll, which is essential for photosynthesis and giving plants their green colour, for a truly professional Gold Label result.

To further enhance the power of Ultra MG, we added trace elements and silicon to strengthen the plant, ready for the rapid growth phase it will go through.

Ultra MG can be used on all substrates, systems and with any nutrient programme, but for the best results use alongside the full Gold Label product range.

Ultra PK keep your irrigation lines clean!!!

The innovative Super FK formula, allows our Ultra PK to be up-taken across the broadest pH range. Additionally, our enhanced PK doesn't interfere with Calcium or Magnesium uptake resulting in healthy growth and flowering throughout the generative phase.

Traditionally, PK would interfere with calcium and magnesium uptake, which would require the addition of a cal/mag additive to prevent deficiencies. We don't need such additives due to our use of Super FK, which allows continued uptake of competing elements and micro-nutrients.

The professional Ultra PK will keep drip lines clean, can be used with all media's, systems and as part of any nutrient regime. For the best results, use as part of the

complete Gold Label range.

Ultra Roots massive root development

For a plant to provide everything it needs to the leaves and fruits, it requires a system to transport those elements around the plant. That system starts with the roots, and an unhealthy root system hinders a plants growth before it can begin.

Gold Label Ultra Roots uses a small amount of macro and micro-elements to supplement your current feed schedule alongside humic acids, amino acids and biologically derived kelp extracts. The kelp extract we use has an abundance of trace elements and naturally occurring plant-promoting hormones that stimulate rapid root growth.

Not only does this product promote your root growth, but it also stimulates the fine root hairs and accelerates the rate of growth in the vegetative stages for faster results.

Ultra Enzyme enzymes are biological catalysts

Throughout your plants life-cycle, it produces an abundance of roots and fine root hairs which eventually die off, creating an environment susceptible to moulds, bacteria's and other pathogens. If left unchecked, these pathogens can reproduce and attack the plant leading to wilt, root-rot and other diseases. The use of Gold Label Ultra Enzyme will protect you from this.

We use a specific blend of enzymes that efficiently break down the dead root material's for re-uptake while preventing pathogens from causing problems.

We aim to produce the most professional nutrients for all growers, and part of that is products that have a good shelf-life which works well whenever you purchase it. It's for this reason, we take our enzyme product and stabilise it using sodium acetate, which reduces the amount of water used and improves product viability





Flower Enhancer Fe

flavour enhancer with nano iron

A blend of mineral and biological ingredients, we continuously push the boundaries of horticultural technology to produce a product that stimulates your flavour and aroma, while also increasing your yields.

The real innovation is the nano iron we use to increase your yields. Iron is an overlooked plant element because of the difficulty your plants have in obtaining it naturally. Our nano iron is different in two ways. Firstly it is chelated with Aloé Vera, which instantly makes it more available than traditional chelators. Secondly, the size of our iron particles are much smaller than standard iron particles, so your plants can uptake more without expending extra energy. Iron is needed for the production of chlorophyll, and it's this molecule that makes a plant green and harnesses light power for food. When you increase the availability of iron to your plants, you are improving its available energy leading to an increase in your yields, density and quality.

VEG Booster N advanced growth enhancer

The importance of nitrogen is due to the amount required during the vegetative cycle when the foundations are laid for the entire life cycle.

The most rapid growth happens early in a plants life, and nitrogen is needed for nearly all plant processes during this time. Our Veg booster N provides multiple forms of nitrogen for rapid and consistent uptake, readily available. Hence, your plants are never short when they need it the most.

We support this with our highly chelated calcium to provide cell structure and stability within the plant. Calcium is known as an immobile nutrient, so using Veg booster N means your plant has constant access to calcium whenever it is needed.

Bloom Booster NK

advanced flowering enhancer

Bloom Booster NK is the final piece to optimising your plants' nutrient regime. Highly concentrated Nitrogen and Phosphorus used alongside our carefully selected plant hormones give your plants the best chance of reaching peak genetic expression.

This product will increase your resin production, while the chelated trace minerals, amino acids and plant vitamins work together for optimal uptake of nutrients, increasing yields.

Used alongside our full range of additives, you ensure that every macro and micronutrient is being delivered to the plant, exactly when they require it. When you achieve an optimal nutrient profile, you will get the most professional results every time

Ultra MG RO for vigorous plant production

Base nutrients deliver what the plants need for luscious and robust growth, through all stages of development. Ultra MG compliments this with pure nitrogen and magnesium to enhance the production of chlorophyll, which is essential for photosynthesis and giving plants their green colour, for a truly professional Gold Label result.

To further enhance the power of Ultra MG, we added trace elements and silicon to strengthen the plant, ready for the rapid growth phase it will go through.

Ultra MG can be used on all substrates, systems and with any nutrient programme, but for the best results use alongside the full Gold Label product range.

Flower Enhancer 250ml 38102 500ml 38103 1L 38104 5L 38105 VEG Booster N 250ml 38093 500ml 38112 1L 38094 5L 38095

Bloom Booster NK 250ml 38096 500ml 38107 1L 38097 5L 38098

Ultra MG RO 250ml 40001 1L 40018 5L 40019





Buddha's Tree is a family owned business and consists of a close, small group of friends and relatives with over 30 years of growing experience and knowledge.

They are very lucky to have the innovative talent of one of the best Biochemists in the field of agriculture. Responsible for some of the world's record-breaking food crop yields.

Drawing on their combined experience, they strive to develop products that set the highest standards and that consistently produce great results.

Buddha's Tree bring to the market new and innovative products and nutrients that achieve new heights, by focusing on principles of outstanding performance.

Coco A/B two part Coco nutrient

oco

Buddha's Tree Coco A + B is a high-quality nutrient formulated for growing plants in Coco.

It's a 2-part nutrient that contains all the essential elements for optimal growth and flowering.

Our Coco A + B is also ideal for growing in all watering systems as it dissolves instantly and is simple and easy to use.

For years Buddha's Tree have only specialised in designing and developing top-of-the-line additives, but they've finally released a brand new Coco A+B base nutrient!

Coco A&B is a premium base nutrient, containing all the essential elements a plant needs when grown in this substrate. Specifically tailored to the characteristics of Coco substrates.

Rich in high-value elements, and highly versatile.

Organicus

single part plant nutrient

Organicus 99 is a premium organic liquid feed that surpasses all previous feeds available on the market.

reanicus

A single part feed that's used in both growth and flower phases, making things easier for growers, whether beginner or experienced.

Not only does this organic base feed keep your plants in the sweet spot but it also aids the uptake of all nutrients available to them.

A small amount of Citric Acid aids performance

Super clean end product

Easy to flush plants

Suitable for vegetarians and vegans

Can be used in Soil, all mixes, Coco, 60/40 and also in Hydroponic systems

PK 9-18

flower booster

Buddha's tree is the only PK 9-18 soluble solution currently available on the market, created in the UK by a company who have one of the top four chemists in the world working with them who formulates fertilisers for many of the worlds record breaking food crop producers. They have produced this formula that promises to increase yield.

Buddha's Tree PK 9-18 increases plant uptake of nutrient and the plants natural oils and sugars making the plant grow to its full potential, meaning heavier yields and more intensely potent crops. It achieves this by breaking down enzymes in the roots of the plant which creates healthier roots. This soluble solution also encourages more uptake of phosphorous and potassium which is great for your plants health and growth.

Local customers who have had the pleasure of using this product have been amazed at the quality of their flowers, their only complaint was the massive increase in their plants natural odours, due to much stronger crops. But a strong scent is the sign of a healthy plant.

Na 30/31





Flower Burst

fast flower developer

Flower Burst is a unique product from Buddha's Tree that has been specifically created for use during your plants pre-flowering and early flowering stage. It promotes explosive flower set without hindering continuing vegetative growth, creates an increased number of flower sites and ensures a seamless change into the pure flowering phase of the bloom cycle.

This results in a quicker and more efficient flowering response, which is achieved in the kindest and safest way with a carefully composed blend using the same highest quality raw food safe materials used across our range.

In trials Buddha's Tree Flower Burst induced a much quicker and more robust flowering response than control specimens. Flowers were recorded 4-5 days earlier than control plants with an increased amount of larger flower clusters.

Advanced Meta-Boost

metabolic plant stimulant

Buddha's Tree Advanced Meta-BOOST Stimulates and fuels a metabolic increase in the plant by providing the correct type of energy sources to the plants cells to energise their activity.

As we know plants grow and develop by splitting and reproducing their cells. This takes a lot of energy. The plant expends energy converting elements in the nutrient into a form of energy that it can use at a cellular level. Advanced Meta-BOOST provides the plant cells with the best and most usable type of fuel so that the plant doesn't waste energy converting and producing its own.

It also allows the plant's own saved energy to be given over to other areas of its growth such as production of oils, resins, terpenes and sugars giving increases in taste and smell qualities.

Meta-BOOST allows your plant to utilise nutrients more completely and efficiently and in turn this stimulates an increase in nutrient uptake having a positive impact on yield and overall quality.

Solar Green Power

true nano silicic acid

In recent years, the application of Nano-technology has led to the production of colloidal liquid silicon fertiliser with high bioavailability. This new silicon fertiliser can easily penetrate the leaf and form a thick silicate layer on leaf surface. Solar Green Power is an aqueous colloidal dispersion of 10% amorphous silica (SiO 2). More precisely it is a colloidal dispersion of silicic acid in water.

Green

Power buddhos tree

Silicic acid is the only form of Silicon that the plant can absorb. The silica particles occur in the form of discrete spheres that are not cross-linked with each other and contain hydroxyl groups on the surface. The particle size lies within the Nano range, typically 15 nanometres.

Stabilisation of colloidal particles takes place as the result of charges on the surface of the particles and is synthesised in an aqueous medium, which consists exclusively of inorganic substances, with no organic solvents being present.

It is weakly alkaline. This is in marked contrast to other liquid products, such as potassium silicate, which is strongly alkali (pH12). Not only does this make the liquid hazardous to handle but it makes mixing with other products almost impossible.



Guanokalong® GK-Organics®

The proof that the bat guano from Guanokalong is ultimately organic is that the bats choose their own food themselves.

The organic guano fertilizer is produced with the aid of natural ingredients from the droppings of bats.

This guano has been piling up for hundreds of years in caves and over time was changed in to compost. Ripe fruit and healthy insects are abundantly available in the rainforest. Places where humans still have not had any influence.

Let the spirit of the jungle become a part of your garden with the aid of Guanokalong. This plant nutrient is excellent for use in organic growing of consumable crops.

Let the natural phosphate, the abundant presence of micro-elements and enzymes do their work. This organic super manure works to improve taste, quality and yield.

gk-Organics® Kalong Grow & Bloom

grow and flower nutrient

These liquid vegan fertilisers provide astonishing growth for Kalong Grow and abundant flowering for Kalong Bloom using 100% organic means.

GK-Organics[®] Kalong Bloom/Grow only contains nitrogen and potassium and together with Guanokalong[®] Powder enhances the flavour, quality and yield of the end product.

Fast action enables targeted plant growth adjustments

Extra stimulation and prolonged effect on microbial life in the soil

For both indoor and outdoor use

Astonishing growth, abundant bloom Easy on the roots due to low salt index 100% vegan

<mark>Guanokalong®</mark> BatBoost

organic flower booster

This organic liquid booster improves the flavour, quality and yield of the end product.

BatBoost

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Guanokalong[®] BatBoost contains 2% potassium and is a balanced mix of Guanokalong[®] Extract flavour enhancer, GK-Organics[®] Palm Tree Ash and liquid humic acids.

Suitable for every cultivation system!

100% natural bat droppings Improves flavour, quality and yield Both for indoor and outdoor use Stimulates root growth Abundant bloom Provides added protection from bacterial infections High in potassium

Guanokalong® Extract

increased terpene production

This organic flavour enhancer is full of natural ingredients and improves the flavour, quality and yield of the end product.

anokalong

Extract

As a liquid extract of Guanokalong[®] Powder, Extract is an ideal choice when not using a soil or coco coir substrate.

Suitable for any cultivation system!

100% natural bat droppings Improved flavour, quality and yield For both indoor and outdoor use Suitable for all growers and all systems Stimulates root growth Abundant bloom Added protection from bacterial infections Decreased risk of leaf scorch due to the gradual release of nutrients





Guanokalong® Powder

organic flower booster

This organic super manure is stuffed with natural ingredients and improves the taste , quality and yield of the end product.

Guanokalong® Powder delivers astonishing growth by strengthening the root zone with essential micro-elements and enzymes.

The plant receives the necessary macroelements such as phosphorus to a healthy growth boost.

Improved taste, quality and yield

Can be used both indoors and outdoors

Promotes root growth

Exuberant flowering

Increased resistance to bacteriological attacks Has a reduced risk of burning the plant due to delayed release

No unpleasant odour

Endless in a dark and dry room

<mark>Guanokalong®</mark> Pellets

slow release super fertiliser

Guanokalong® Pellets provides astonishing growth by fortifying the root zone with essential micro-elements and enzymes.

The plant also receives the necessary macroelements such as phosphorus to stimulate healthy plant growth.

Improved taste, quality and yield

For both indoor and outdoor use

The pellet form makes it less susceptible to scattering by the wind

Stimulates root growth

Abundant bloom

Added protection from bacterial infections Decreased risk of leaf scorch due to the slow release of nutrients No unpleasant odours

No expiration date when kept in a dark and dry location

^{Guanokalong®} Black Pellets

organic base nutrient

Guanokalong® Black Pellets is a mixture of Guanokalong® Powder and humic acids in pellet form.

By mixing it as soil fertilizer with soil or coconut, Guanokalong® Black Pellets ensures a stunning flowering and less stress and water requirements during transplantation.

Improved taste, quality and yield Can be used both indoors and outdoors Less susceptible to wind thanks to pellet form Promotes root growth, exuberant flowering Increased resistance to bacteriological attacks Has a reduced risk of burning the plant due to delayed release

GK-Organics® Veg Pearls

available nitrogen

GK-Organics® Veg Pearls, made from a plantbased extract from sugar cane, is a complete and economical alternative for manure.

K-Organics Veg Pearls

For both indoor and outdoor use Astonishing growth Improved soil life No leaching of minerals Less irrigation required Increased plant resistance to stress Economical to use Easy to scatter due to rounded shape

Nutrients & Additives





GK-Organics® Complete Organics

organic mix of ingredients

This 100% organic all-in-one fertiliser contains everything for the growth and bloom of your plants and flowers. Ideal for if you want to devote little time to the soil conditions of your pots or garden.

Complete Organics is a balanced mix of Guanokalong® Powder, GK-Organics®, Seaweed Powder, Palm Tree Ash, Veg Pearls and Lava Worm Powder.

Easy all-in-one fertiliser

Improved soil conditions due to fermentation

Balanced mix

Superior to chemical and mineral nutrition supplements

An ideal solution for nutrient-poor soil or plants with substantial stress

For both indoor and outdoor use 100% organic

GK-Organics® Palm Tree Ash

organic flower booster

This organic vegan flowering booster is ideal for use alongside Guanokalong® Powder in the vegetable garden, especially with tomatoes!

The palm tree ash contains a large amount of potassium and also phosphorus and magnesium. Other elements present help neutralize the acidity of the soil .

Exuberant flowering

Ideal for use in the vegetable garden Can be used both indoors and outdoors Improved acidity of the soil 100% vegan

GK-Organics® Seaweed Powder

organic growth promoter

Thanks to its micro elements, this organic vegan booster of micro life is ideal for upgrading your earth for even better growth.

GK-Organics' Seaweed Powder

In addition, seaweed powder is known for its moisture-retaining properties: it promotes moisture management in the soil.

Extra stimulation of the root system and growth of the plant thanks to growth hormones Can be used both indoors and outdoors Improved moisture management of the soil Excellent addition to any fertilizer package Increased resistance to bacteriological attacks. 100% vegan

Stress reducing for the plant

GK-Organics® Lava Worm Powder

rock dust and worm castings

GK-Organics[®] Lava Worm Powder is a combination of volcanic rock dust and worm castings: naturally very rich in minerals and therefore highly suitable for stimulating growth without using too many additives.

GK-Organics[®] Lava Worm Powder also contains a wide range of scarce trace elements, making this product unique in the plant nutrition market!

Naturally rich in minerals

Stimulates growth without requiring many additives

Unique: source of scarce trace elements For both indoor and outdoor use 100% organic


VEG+ BLOOM

San Diego based Veg+Bloom supply and develop products that promote the growth of healthy plants.

Plants obtain carbon, hydrogen and oxygen from the air and water, however other nutrients are necessary for plant growth. Mineral nutrients must be added during the entire lifespan of the plant to ensure healthy growth.

The VEG+BLOOM formula provides a simple, easy and complete solution for growing abundant, aromatic, and lush plants. The science of the product is transparent and its value uncompromising. Just pour it in and it provides better results than competing products combined. You don't need more than one solution, VEG+BLOOM is combined into one complete feed.

VEG+BLOOM is made for the entire lifespan of the plant. It offers unique supplements with an exclusive blend to help stimulate and maintain healthy growth.

VEG+BLOOM RO/SOFT

one part soft water nutrient

RO/SOFT is great for all hydroponic applications such as rockwool and Coco and can also be used in peat moss substrates.

It's specially formulated for soft water (under 200PPMS or .1-.3 EC).

When you dissolve VEG+BLOOM into your final volume of water, the solutions now contains all the essential nutrients for maximum growth potential.

VEG+BLOOM RO/SOFT includes everything other liquid multi part nutrient contains in a one part powder. It also includes what other nutrients companies sell as additives, such as amino, silica, fulvic acids and bio active growth stimulants, all as standard component at no extra cost or work.

VEG+BLOOM TAP/HARD

one part hard water nutrient

TAP/HARD is great for all hydroponic applications such as rockwool and grow stones.

Being a more acidic formula, specifically for neutralizing alkaline water supply, (200+PPMS or 0.4-0.7 EC). When you dissolve VEG+BLOOM in to your final volume of water, the solutions now contains essential nutrients for maximum growth potential.

VEG+BLOOM base nutrients and additives are a complete formula that incorporate all the essential building blocks to grow a healthy plant in all phases of its life-cycle. Nothing else is needed besides a CalMag source and pH buffers.

The base includes: calcium, magnesium, beneficial bacteria/fungi, anti-scaling agents, sugars, nitrogen, potassium, silica and phosphorous to name a few. This product was created for its simplicity and exceptional results. The base nutrients were specifically formulated for different mediums, growing systems and water qualities.

VEG+BLOOM DIRTY

one part soil nutrient

DIRTY is formulated for soil and peat based growing mediums.

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DIRTY is a carbon balanced, nitrate infused base nutrient for all phases of plant growth. Rich in select amino acids, and refined organic materials, PH ready for peat moss and soil.

Built-in alkalinity and Cation exchange enhancers make it easy to use with premixed media products like Promix, Sunshine and Light Warrior.

Use with +LIFE and SHINE for optimum results.

This product contains organic ingredients, therefore may result in undissolved sediment and biofilm.

For a completely soluble formula, see RO/ SOFT and TAP/HARD.



SHINE

flowing additive

SHINE is the ultimate flowering phase additive. Just add it to your reservoir during reproductive growth, usually weeks 3-7, and watch your flowers swell and sweat.

SHINE is not only a PK booster but also a nectar secretion agent. It will push your plant to bloom as heavily as your environment will allow. 1-2 grams per gallon for most strains.

BOOST SHINE is the ultimate flowering phase additive containing phosphorous compounds called phosphites.

BLOOM By stimulating reproductive growth SHINE causes your flowers to swell and sweat.

FLOURISH SHINE will push your plant to bloom as heavily as your environment will allow by supplying your it with an array of bio-stimulants.

Stackswell

bigger leafs, fatter stems, faster growth

Stackswell is a special blend of humic acids, calcium sugars and magnesium. These are the foundation for your plants diet, encouraging faster growth bigger growth and fatter stems.

Bigger leafs, Fatter Stems, Faster Growth.

What is Stackswell? It's a super concentrated growth powder. It can be used by the gram for reservoirs or mixed into a concentrate for dosers and fertigation systems.

Stackswell is a Cation Exchange enhancer and Root and shoot growth stimulator.

PUSH

foliar feed

PUSH is a foliar spray that feeds through stems and leaves increasing chlorophyll production. It stimulates cell division while simultaneously providing Calcium and Silica for strong growth.

Easy foliar application of PUSH increases plant vigour and maximizes quality of new growth with the lights or off. As a foliar application, it goes a long way, 50ml/Gal covers up to $12m^2$ of canopy.

Plant derived hormones increase cell division while simultaneously providing Calcium and Silica for strong growth. Reduces time required for veg phase.

Easy foliar application of PUSH increases plant vigour and maximizes quality of new growth with the lights on or off.

Engineered for easy application, add 50ml/Gal (covers up to $12m^2$ of canopy). Most products require a sticker spreader or surfactant to maximize adsorption, PUSH is all in one.



Optic Foliar manufacture the highest-quality and best-performing foliar sprays in the industry and are to be the first product a consumer reaches for when purchasing a foliar spray. To achieve this goal, we strive to develop cutting-edge, innovative foliar technologies that push the level of performance of our products by working together as a highly efficient, growth-promoting system for your plants. Plant leaves are the 'factories' where plants produce their own food from carbon dioxide and water in the presence of sunlight or supplemental lighting and chlorophyll. It is the chlorophyll in the leaves that absorbs light energy to produce sugars (food) for the plant and oxygen to be released into the atmosphere.

The water and nutrients that plants take up from the growing media through their roots, are transported through the stem to the leaves and to the manufacturing facility of the plant. The main objective of foliar sprays is therefore to apply water and nutrients directly to the leaves where it can be absorbed and used in the manufacturing process virtually immediately.

Overgrow complete foliar feed plant booster

Optic Foliar OVERGROW is the only product on the market that is a dynamic, multi-purpose, ready-to-use spray that combines performance and growth with overall plant health.

OVERGROW is a combination of Watts, Rev and Attack with the addition of Transport in a ready to use spray, correct deficiencies and provide increased performance! Match that with the ability to spray in full sunlight, with no burning or the need to spray the undersides of leaves, and you have the only all-in-one spray with no negative side effects from leaf burn to residuals.

OVERGROW then provides a full spectrum of NPK, micro nutrients as well as a full complement of vitamins, sugars, amino acids and B1 to further increase growth and supplement further yield increases.

OVERGROW is the only foliar spray on the market to work synergistically with your plants to increase light intake, nutrient uptake while also directly feeding the plant and preventing mould and bugs — all with the lights on — no damage or burning — and you only need to spray the tops of the leaves — OVERGROW... spray it, see it be-leaf it!

SWITCH hermaphrodite preventic

Optic Foliar SWITCH is the only product on the market to combat and prevent seed and/ or hermies formation on flowering crops.

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Optic Foliar SWITCH will block male hormones ensuring the plant stays 100% female and continues to bloom and produce essential oils in early or late bloom.

Whether bad genetics, light leaks or timer malfunctions, SWITCH will ensure 100% female plants with only 2 sprays in either early or late bloom. Growers are also utilizing switch in early bloom to help transition plants into flower and trigger faster and bigger bloom sets in as little as 5-7 days.

Utilize SWITCH and guarantee that your plants stay seed and hermaphrodite free.



ATAK foliar fungicide

Optic Foliar ATAK is the only control spray against Powdery Mildew on the market that can be applied with the lights on with no damage or burning to the leaves or flowers.

Comprised of copper sulphate and organics; ATAK is safe to use into late bloom up to one week before harvest and will not leave any trace chemicals within the plant at harvest.

ATAK can be sprayed with the lights on, no damage or burning to the leaves and no residuals to wash off!

Optic Foliar ATAK is the only fungus product on the market that guarantees no damage to the leaves while providing safe non-toxic results that leave nothing within the plant that will affect the taste or the quality of crops.

TRANSPORT leaf absorption enabler

Optic Foliar TRANSPORT is a revolutionary delivery agent that delivers the active ingredients within your spray into the plant through the leaves stomata, which increases gas exchange and allows plants to absorb spray solutions.

Unlike traditional sprays, TRANSPORT can be sprayed on plants even with the lights on and without the need to adjust the spray's pH.

Another benefit to using TRANSPORT is that you can use it with any foliar application (growth enhancers, insecticides etc) and it allows you to half the application rate of the product you want to use, thus saving money and reducing the amount of product you need to keep your plants healthy!

WATTS increased leaf efficiency

Optic Foliar WATTS allows the plant to utilize additional energy provided to the plant through sunlight and supplemental HID lighting. Thus allowing the plant to optimize the Calvin Cycle and exponentially increase growth rates that lead to improved yields! High quality hydroponic lights and ballasts are key to growing plants successfully.

Using Optic Foliar WATTS will allow for better light usage and efficiency within the plant, and dramatically increase growth rates.

WATTS stimulate chlorophyll/ chloroplast production, increasing the ATP cycle in the leaves also known as the 'molecular unit of currency of inter cellular energy'. Optic Foliar WATTS can thus be used to turbo charge plant growth and light efficiency within the mesophyll layer.

REV flower booster

Optic Foliar REV is an exceptional nutrient solution for fast-growing plants.

After the application of Optic Foliar WATTS, the plants will grow markedly faster and require additional nutrients. This is where Optic Foliar REV steps in to provide additional nutrition to the plant to help supplement the high rates of growth created by WATTS.

REV helps the plant maintain its highly accelerated growth and flowering rates, resulting in greener and healthier plants, as well as higher-quality crop yields, by providing most of the micro-nutrients, organic vitamins, amino acids, as well as carbohydrate sugars and B1 as key additional building blocks for flower development, quality, taste and flavour. REV is best used with TRANSPORT Optic Foliar.



CROTEK EUROPEANTER MONSTER BLOOM

GROTEK

Grotek[™] planted its roots in Canada in 1998. They have since grown into a company that is distributed internationally. They are gardeners helping gardeners with products for every stage of growing. Consistent and effective, Their easy to use formulas help clients achieve highest yields ensuring great value.

At their core is a focus on science for plants, and in 2016 they took that focus and combined it with their experience to bring clients a new level of plant based nutrition.

They have expanded the use of organic extracts, adjusted nutrient ratios to maximize growth at a cellular level, and taken formulas to a new benchmark in efficacy.

MONSTER GROW™ PRO

plant growth promoter

Grotek Monster Grow™ Pro is a soluble, yet highly powerful growth enhancer that's added to the existing feeding schedule once per week during mid to late veg and pre-flowering stages. It can be used in all styles of growing (soil, Coco or hydro) when high levels of Nitrogen (N) are needed the most.

Adding Grotek Monster Grow Pro to your nutrient solution will encourage plants to display healthy growth, with leaves showing a lush green colour. Improved development of the root zone will also be apparent with plants becoming strong in structure as they prepare themselves for flowering.

MONSTER BLOOM™

plant flower booster

A classic bloom enhancer, Monster Bloom[™] has gained a reputation for its ability to assist plants during the middle stages of flower development.

The high concentration of phosphorous encourages blooming and plays a vital role in plant metabolism. The potassium in the formula improves bloom and fruit quality while impacting photosynthesis, assisting starch production within the plant.

Monster Bloom is very concentrated and should be phased out prior to the last two weeks of flowering. This will ensure the plant has the opportunity to metabolize all the power locked within Monster Bloom. The result will be a flavourful and abundant crop.



CAL-MAX™

calcium magnesium and iron

During periods of high temperatures and accelerated growth, plants can develop preventable nutrient deficiencies.

Cal-Max was developed to provide the additional calcium, magnesium and iron needed to support peak production.

Cal-Max can be used to treat problems when they surface and it can also be used as a preventative supplement to your nutrient program to avoid deficiencies such as tip burn in lettuce and blossom end rot in tomatoes.

VITAMAX PLUS™

flower booster

GROTEK

1-1-2

Vitamax Plus[™] is specially formulated to improve plant growth, encourage blooming and assist floral and fruit development.

VITAMAX

PLUS

It contains macro-nutrients and added magnesium to aid in the formation of chlorophyll and other essential plant compounds.

Always use Vitamax Plus as a part of your regular fertilizer program.

Use with every watering up until the last 10 days of crop growth and then discontinue use. Be sure to soak the soil or media completely when using the Vitamax Plus solution.

Grotek Monster Bloom 130g 04496 500g 02603 2.5kg 02594



Ecothrive offers natural, organic products centred around promoting beneficial soil biology, improving plant health and increasing yields.

Ecothrive products are used by both professional growers and hobby gardeners to build an assortment of microorganisms in the root zone. It's all about providing long term benefits and truly enhancing plant growth.

We are proud to have all our products manufactured in the UK, with all components sourced as locally as possible.

Neutralise

tap water dechlorinator

Ecothrive Neutralise instantly dechlorinates tap water, protecting beneficial microbes from the harmful effects of both chlorine and chloramine.

It's ideal for conditioning tap water before adding microbial products such as Biosys. Neutralise can also be used with soil, coco, and hydroponic systems as a pretreatment for irrigation water and nutrient solutions.

Neutralise is super concentrated. simply add one drop (0.05ml) per L or 1ml per 20L. 50ml of Neutralise treats 1000L of tap water.

Unleash the biological potential of your growing media and plant nutrients with Neutralise.

Allows beneficial microbes to flourish.

Pre-treatment for hydroponic nutrient solutions.

Biosys

instant microbe tea

Ecothrive Biosys contains a unique blend of beneficial microbes and natural plant growth stimulants.

Easy and quick to mix and use, nothing immediately improves the health of your roots zone, quite like Biosys.

Biosys is a concentrated powder that you add to water to make a 'microbe tea.' Ideal for soaking propagation plugs and watering coco and soil. No brewing is required; simply mix 0.5-1g per litre and water into the root zone every 1-2 weeks.

Biosys contains Mycorrhizal fungi, Trichoderma, Bacteria (N fixing, Bacillus, Pseudomonas), Humic and Fluvic Acids, Amino acids, Enzymes, Proteins, Carbohydrates, and Seaweed Extract.

Charge

soil conditioner

Ecothrive Charge is a 100% naturally produced potting soil enhancer composed entirely from organic mealworm castings. This premium grade 'insect frass' is packed full of organic nutrition, beneficial microorganisms, and a natural biostimulant - chitin.

Charge will stimulate robust plant growth, improve root zone conditions, and create vigorous high yielding plants. Simply mix with coco or soil before planting and top-dress later in the cycle for longer-term benefits.

1L of Charge will treat 50-100L of Coco, or 100-200L of potting soil.

Certified for use in growing organic crops by the Soil Association.

Life-Cycle

organic soil amendment

Life-Cycle is a balanced organic amendment designed to feed the soil with a diverse blend of nutrients and plant growth catalysts.

Made in partnership by Ecothrive and Indoor Organics - working together to provide genuine organic products using high-quality ingredients.

Life-Cycle will nourish your soil to grow naturally productive plants. It's ideal for use when making an organic soil mix to provide long term fertility. Life-Cycle can also be used as a top dress throughout growth and bloom and for rejuvenating used soil at the end of a cycle.

1kg of Life Cycle will treat 50-150L of soil or coco.

Contains; Mealworm Frass (Charge) Seaweed meal, Neem Cake, Crustacean Meal, Gypsum, Rock Dust, and Humic and Fulvic Acids.





Launched in late 2008 as a new, retail division of reputable Reforestation Technologies International (RTI), Xtreme Gardening brings highly effective beneficial biological inoculants to the home gardener.

RTI is best known as the United States' oldestrunning and most renowned producer of Mycorrhizal Inoculum, providing the world with high-quality biological inoculant.

Xtreme Gardening was born with the goal to inspire a new generation of gardeners and growers. Always striving to maximize yields and quality through biological amendments. Xtreme Gardening combines new technology with results from millions of years of natural evolutionary design, allowing us to provide gardeners with the pure biology needed for superior plant growth. With Xtreme Gardening beneficial microbes, gardeners are no longer limited by chemical fertilizers and are able unlock their plants' true potential while reaching new levels of production.

Experience the increase in crop yields, in addition to improving moisture and nutrient management, for Xtreme results!

AZOS nitrogen fixing bacteria

Azos is an all-natural, growth promoting, nitrogen fixing bacteria ideal for cloning and transplanting. Azos converts nitrogen into a usable form that is readily available to the plant. Nitrogen is critical for forming vegetative matter and supporting abundant growth. Azos promotes growth, while boosting natural root development.

Nitrogen-Fixing Bacteria - Of all the nutrients transported to plants through the soil, nitrogen is required in the greatest amount. It drives chlorophyll production in the foliage and keeps plants green and efficient. It is a fundamental part of amino acids and other compounds that assure crop health and productivity. It is a major part of every protein molecule and soils are often deficient of this element. However the atmosphere is comprised of around 80% nitrogen which is in a form (N2 or atmospheric nitrogen) that is not conventionally available to plants.

Nitrogen From the Air! - Somewhere along the evolutionary development of the "Plant - Soil - Microbial Matrix", certain bacteria began to specialize in tasks to enhance plant growth, which in return provided the microbes with a food source exchange opportunity.

A select group of bacteria classified as "diazotrophs" began to supply nitrogen to plants from a range of sources, including decomposed plant litter, dead micro-organisms, and sequestration of atmospheric nitrogen. Azos belongs to the last of these groups and functions primarily as an atmospheric nitrogen converter.

Azos specializes in the highly-efficient conversion of the N2 form of nitrogen into plantavailable NH3 ammoniacal nitrogen. Azos is so efficient that between 50% and 70% of all the nitrogen required by most crops can be supplied by this organism.

MYKOS beneficial soil fungi

Mykos mycorrhizae is a natural and organic species of beneficial soil fungi that creates a "sponge-like" mass which collects and stores nutrients and water, increasing the uptake of both.

NATURAL ROOT ENHANCER

This single species of arbuscular mycorrhizal fungi contains only Rhizophagus intraradices, formally known as Glomus intraradices.

MYKOS does not contain any other microbes such as trichoderma or ecto-mycorrhizae.



MYKOS ROOTS PAKS

beneficial soil fungi packs

Mykos mycorrhizae conveniently packaged in 10g "Biodegradable Paks" for both soil and hydroponic applications.

Simply place the pack at the base of the plant and the developing roots will grow through the biodegradable paper membrane and become rapidly inoculated.

CalCarb natural foliar booster

CalCarb is a readily available source of calcium and carbon dioxide. Calcium is critical to the health of your plant, contributing to the strength of cell membranes and regulation of nutrient use.

Calcium is known to play a major role in the quality of many crops, including peppers, tomatoes, and watermelon. It is also able to reduce the effects of heat stress in plants. CalCarb foliar booster works great in both indoor and outdoor environments.

MYKOS WP natural effective inoculants

Mykos WP (wettable powder) is processed to provide effective inoculants that may be injected through a sprayer, applied in hydroponic reservoirs, and used as a seed or cloning treatment.

Can also be used to dust or drench roots of all transplants.

XTREME TEA all natural brews

Xtreme Tea brews are the most user-friendly compost tea brew on the market today.

Not only are they easy to use, they are the most cost effective method of brewing high quality compost tea.

Xtreme Tea has a unique, two-part system that keeps the product stable until time of use.

The Tea Brew bag contains the compost material and the plant microbe food pack provides a food source designed to multiply microbes during the brewing process.

Our special blend of organic matter has been shown to break down nutrients and make them available to your plants.



DYNOMYCO

natural root enhancer

DYNOMYCO[™] effectively inoculates plants with vigorous endomycorrhizal fungi. Mycorrhizae improve plant nutrient uptake, which translates to healthier, more resilient plants, higher quality, and higher yields!

REATS UP TO

HIGHLY POTENT CONTENTS: 900 PROPAGULES PE

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What is Mycorrhiza? Mycorrhiza is a symbiotic relationship between fungi and plants. The microscopic fungi latch onto plant roots and extend them in an underground web. This symbiosis helps the plant access nutrients and water that would otherwise be unavailable.

DYNOMYCO[™] is based on thirty years of research, by a team of agronomists and plant and soil experts. We understand mycorrhizal fungi and the great impact they have on plants, which are considered obligate mycotrophs.

MAMMOTH P

increase phosphorus uptake

MAMMOTH P is the first organically derived microbial inoculant for growing plants that maximizes phosphorus and micro-nutrient cycling to maximize bud growth, increase yield, and enhance plant health.

Using MAMMOTH P in hydroponic systems is an excellent way to introduce the organic benefits of soil microbial nutrients without sacrificing water quality. MAMMOTH P was engineered to supplement any fertilizer program.

MAMMOTH P is specifically designed to increase phosphorus availability during the bloom phase, and should be used as a supplement to your regular fertilization program. Application during clone and vegetative phase will boost effectiveness. MAMMOTH P has a near neutral pH formulation and runs clean in any system. Effective in All Media.

C-RESULT

increase yield

C-Result is an organic plant stimulant that contains 13 statically charged element molecules of plant origin.

C-RFS

INCREASED YIEL

The statically charged molecules collect all the elements in your nutrient mix and using patented technology, transport them directly to the roots.

C-Result allows the plant to concentrate its energy on producing flowers, instead of searching for food. Meanwhile the plant will avoid any deficiencies ensuring maximum yield and quality. This is due to the plants absorption rate being increased from 55%-65% to 80%-90%.

C-Result can be used in all substrates, all growing methods and with any nutrient range, and it is only applied once at the onset of flower formation.

GG Mono-silicic

19% silicon w/w

Ultra fast acting silicon nutrient - for all plants in all settings.

FOR ALL PLANTS

(H)

Increased strength, growth rates and yield. Increased root mass, leaf size and brix content. Improved resistance to pests, disease and environmental stress.

Works by supporting natural plant growth and defences, and by improving nutrient and water usage.

Environmental contribution: Increases yield per unit input and can reduce or eliminate the need for fungicides and pesticides.

Extremely concentrated formulation dramatically reduces shipping weight, volume and packaging. Application rates: 0.3ml/10L weekly in solution and 0.5ml/L as a fortnightly foliar spray.

Grow-Genius mono-silicic is made in the UK with silicon from Scotland, minimising product miles.

DYNOMYCO 100g 37646 750g 37647

Mammoth P 1250ml 06190 250ml 06191 500ml 06192 1L 06193 4L 06194 C-RESULT 250ml 06047 500ml 06048 1L 06049 5L 06050 10L 06051

GG Mono-silicic 10ml 37023 100ml 37024 250g 37025 500ml 37026 1L 37027



GEN200

bio-available ortho silicic acid

GEN200 ensures the growth regulation and natural defence system. This ensures the plant to have better resistance against diseases and distresses such as heat and cold.

Your plants will root faster, develop stronger stems and leaves which results in firmer plants and bigger yields.

GEN200 can be used on all kinds of soil and with all kinds of nutrition.

Farmers can save money by using GEN200 Control, because of the decreased importance of the use of insecticides, fungicides and pesticides. Higher yield and better quality of products with increased shelf life due to better water retention in fruits and vegetables is another advantage.

HYGROZYME

enzyme formula

Hygrozyme is a natural enzyme product which breaks down old roots into food for your plants while creating space for new roots to grow. Hygrozyme is completely unique in the way it is manufactured and it contains no living organisms. It can be used right through the entire growing process or as a soak to rid old mediums of dead roots and to prepare them ready for your next grow.

An enzyme product like no other, it's created by an entirely unique fermentation process which produces a bacteria free product consisting of enzymes and amino-acid chains. The enzymes in Hygrozyme break down old roots and turn them into food for your plants. This makes space for new roots to grow into and creates a healthier root-zone. Though it is not certified as organic, Hygrozyme contains only natural ingredients and can be used very effectively as part of a natural feeding schedule. Because Hygrozyme contains no bacteria, the product has an almost unlimited shelf-life and can also be used with peroxide products.

HYGROZYME CONCENTRATE

a little goes a long way

Hygrozyme Concentrate® is specifically designed with commercial growers in mind.

Our formula has been created to be 5X concentrated allowing you to get more for less! Hygrozyme Concentrate® is one of the most competitively priced root enzyme-based formulas on the market, that provide a cleaner root zone!

Hygrozyme Concentrate contains the highly effective blend of enzymes as the original Hygrozyme that accelerates the breakdown of dead root matter. The enzymes in Hygrozyme Concentrate are specifically designed to work at their maximum strength in the pH and temperature range that is best suited for growing plants.

The new dosage application rate is 1.9 ml per 1 gallon of water, which means a 20 L / 5.28 gal bottle equals 100 L / 26.4 gal of our proven Hygrozyme® Original formula.

HYSHIELD

putting your plants health first

Your plants overall health is the most critical part of your grow. If your plants immune system isn't strong and healthy your crops yields will be significantly reduced.

HYSHIELD™ tricks plants into thinking they are being attacked by pests and, as a result of this perceived infestation, the plant's immune system goes into protective mode. These natural defence mechanisms not only stimulates the plant immune system but also keeps pathogens and pests at bay.

Our unique formula when applied to crops as a foliar spray or drench, can increase your plant's resilience to survive in high heat and cold stress environments.

Designed to be compatible with watersoluble nutrients & supplement programs, HYSHIELD™ can help boost your yield and enhances conditions for better plant growth.





Manage crop health and productivity the easy way with a Bluelab meter, monitor or controller.

bluelab[®]

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Bluelab has been dedicated to helping the hydroponic industry manage crop health and productivity easily and effectively for over 30 years.

Bluelab have a wide range of tough and dependable nutrient solution testers and accessories that measure pH, conductivity (ppm / EC) and temperature. Our testing products make knowing the essentials easy – so you can have better plants, and a better and growing horticulture business.

Combo+ Meter

pH, EC and temperature measurement

The Bluelab Combo Meter is a portable all in one pH, conductivity and temperature meter. If you are experiencing problems with yellow leaves, or slow stunted growth, the Bluelab Combo meter will soon tell you if each parameter is within the plants requirements. Adjustments can be quickly made to get your crop back on track.

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The Bluelab Combo Meter has two probes, a Bluelab pH Probe and a Bluelab Conductivity/Temperature Probe. When taking a reading, simply place them into the solution and the selected reading is displayed on screen. As the Bluelab Combo Meter is portable and battery operated, it can be used anywhere, anytime to help you manage your crops' daily nutrient requirements.

Calibration of the pH probe is simple, as instructions are supplied on the back of the meter and the easy push button method makes this one of the simplest meters to use.

The pH probe is replaceable so you can use this meter for years to come. The conductivity/temperature probe does not require calibration as this is locked in during manufacture.

Measures pH, conductivity / nutrient (EC, CF, ppm 500 and ppm 700) and temperature (°C, °F) Lightweight and portable \cdot Large easy to read display \cdot Simple push button pH calibration.

Guardian Monitor

bluelab guardian

continuous pH, EC and temperature measurement

Bluelab Guardian Monitor provides 24 hour continuous reading for pH, conductivity (EC/ppm 700/TDS/CF) and temperature within a nutrient solution. Optimizing these critical parameters through a plants' growing phase helps ensure a successful crop. 0

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Designed for indoor use, the Guardian Monitor can be mounted on a wall or hung on a support bar. Set up your reservoir, place the pH and conductivity probes in the solution, then adjust and glance!

Simply set high and low alarm states – if the solution moves away from the ideal range, the display flashes. A quick look at the monitor will let you know when your nutrient solution needs adjusting.

Plant-safe green LEDs \cdot Large easy to read displays \cdot No calibration required for conductivity and temperature.

Simple push button pH calibration \cdot Selectable values for conductivity and temperature.

Flashing high and low alarms · Greater tolerance to RF / electronic interference provided.

Water resistant design \cdot International power supply included \cdot Replaceable double junction pH probe included.

Adjustable display brightness · Non-volatile memory (setting retained when power lost).

Multimeter pH Meter

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Plants all need a particular pH to maximize

the uptake of nutrient solution. Without taking control of the pH, plants can't take up the necessary elements they need for good strong growth.

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The Bluelab pH Meter is the perfect, portable way to accurately measure the pH value of a solution so you can add the right amount of pH up or down to get growth back on track. Simply place the pH probe into the solution and the selected reading is displayed on screen.

As the meter is hand held and does not require a power supply to operate, it can be used anywhere, anytime. Calibration of the pH probe is simple as instructions are supplied on the back of the meter and the easy push button method makes this one of the simplest pH Meters in its class to use.

The pH probe can be purchased as a replacement so you can keep on using the Bluelab pH Meter for years to come.

pH Pen pH measurement

Plants get their nutrients from minerals, but they can only get all the right minerals they need if certain conditions are right. Think of nutrients like a lock. pH is the key. A key factor that affects food uptake is whether your solution is acid or alkaline. We measure this in pH.

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The Bluelab pH Pen also measures the temperature of the solution, as root health is vital to the success of a crop. Temperature affects the growth rate and structure of a plant so a solution temperature of $18 - 22^{\circ}$ C or $65 - 72^{\circ}$ F is recommended.

The hand held pH pen provides a compact quick and handy way to manage the success of your crop to ensure maximum uptake of nutrients.

Teamed with our Bluelab ppm or EC Pen, you have a handy, convenient and accurate system for ensuring optimum plant growth and health.

Truncheon Nutrient Meter

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It is essential when growing with a hydroponic solution to know what the strength of the solution is, before feeding your plants, and while they are growing. If the conductivity reading is too low, your plants may not be getting enough nutrients. If the conductivity reading is too high, plants can dehydrate.

Understanding the conductivity of the nutrient solution takes the guesswork out of feeding plants. It will also save you money!

Using the Bluelab Truncheon[®] Nutrient Meter is the fastest and easiest way to measure the conductivity!

To take a reading of your solution simply place the probe head into the solution and the reading is indicated by the flashing lights.

Bluelab Truncheon Nutrient Meter 00095

Conductivity Pen pH and temperature measurement

The Bluelab Conductivity Pen simply tells you that your plants have the right amount of nutrient in your solution and lets you know if adjustments are needed. To feed plants well, we need to know what we're feeding them. Start with a guality nutrient.

Measuring the conductivity every day is the best way to avoid over-diluting or over-concentrating your nutrient solution. Completely change the reservoir solution every 7 days. Top up the nutrient level between changes - so your plants always have the right amount of food.

The Bluelab Conductivity Pen also measures the temperature of the solution, as root health is vital to the success of a crop. Temperature affects the growth rate and structure of a plant so a solution temperature of $18 - 22^{\circ}C$ or $65 - 72^{\circ}F$ is recommended.

Bluelab pH Multimeter Meter 37279

Bluelab pH Pen 03129



Milwaukee pH51

pH tester

These instruments are designed for all applications.

The pH51 is a waterproof pH tester with 2 points manual calibration, ± 0.1 pH accuracy and a range of 0.0 to 14.0 pH.

It's I0 P65 waterproof casing and double junction (for pH) replaceable electrode make them suitable also for heavy duty applications, such as waste water treatment and agriculture.

All Waterproof testers are supplied in a leather casing complete with calibration solution, batteries, instruction manual and screwdriver for calibration.

Milwaukee C66

conductivity tester

The C66 is a conductivity IP65 waterproof tester, specifically designed for the hydroponics and agricultural markets, with automatic temperature compensation and 1 point manual calibration.

The tester has a range of 0.00 to 10.00 mS/cm.

The C66 has a replaceable electrode and is supplied in a casing with calibration solution sachets (M10031) and screwdriver for calibration.

The modular design allows easy electrode and battery replacement.

ETI pH Pal Plus

our most popular pH pen

The pH Pal Plus tester is a user-friendly and simple to use pH meter that incorporates an automatic calibration feature. At the touch of a button, the instrument will automatically recalibrate itself when used in conjunction with a 7.00 pH buffer solution.

The pH Pal Plus tester will power off automatically after ten minutes, maximising battery life.

ETI 8100

pH & temp meter kit

The 8100 pH and temperature meter features an easy to read, LCD display and is supplied as a kit which includes a 8100 pH meter, budget pH electrode, temperature probe, 4.01 and 7.00 pH buffer solutions and carrying case.

The 8100 pH meter indicates pH over the range of 0 to 14 pH with a resolution of 0.01 pH and temperature over the range of 0 to $99.9 \,^{\circ}$ C with a resolution of 0.1 $^{\circ}$ C.

The pH readings are automatically temperature compensated over the operating range of 0 to 50 °C utilising the temperature probe supplied.

PLANT!T

budget pH pen

The PLANT!T pH meter is reliable and easy to use. Small and lightweight, it is ideal for any grow room.

Ensure that you nutrient has the correct pH so that all the nutrition is available to your plants.

Ideal pH range is between 5.8-6.5 (always check nutrient instruction for the optimum pH).

HortiStick 3in1 Multimeter

an essential tool

The HortiStick 3-in1brings the best of technology into one sleek meter It combines the measurement of the three most crucial parameters needed for a successful harvest: pH,conductivity, and temperature.

Simple and easy to use. Simultaneous display of pH and nutrient concentration. Replaceable sensor for prolonged meter usage. Auto endpoint sensing & display lock.

Milwaukee pH51 06109

ETI pH Pal Plus 02390

ETI 8100 04087







CANNA pH-

In order to lower the pH in the nutrient tank there is CANNA pH-. The solution is suitable for vegetative (growing) and generative (blooming) phases.

CANNA pH+

In order to adjust the pH upwards there is CANNA pH+. This product is suitable for both the growth and the flowering phase.

CANNA has two different solutions of CANNA pH+.

One of 5% for small adjustments and one of 20% for larger corrections.

CANNA Organo Acid

CANNA Organo Acid can be used as an organic alternative for CANNA pH-.

It can be used to bring down the pH values in your water or substrate. Maintaining the right pH value is crucial for your plant's ability to take up nutrients.

It also serves as an alternative for nitric acid and phosphoric acid.

T.A. pH Down

Not just a simple acid: GHE pH Down makes a real contribution to nutrient solution stability.

To make GHE pH Down we carefully blend three acids commonly used alone in hydroponics to give you all the benefits of each - without the disadvantages. Base formulated using potassium hydroxide, organic

citric acid and potassium carbonate.

T.A. pH Up

Whilst raising pH level may seem crazy to growers in hard water areas, it's a real issue with very soft water or when using reverse osmosis.

GHE pH Up allows that adjustment, and offers a good source of available silicate - which is often deficient in Hydroponics, due to its very low solubility.

T.A. Dry pH Down

The only dry powder pH adjuster on the market today.

A unique product in the industry: inert when dry, GHE Dry pH Down becomes a potent acid when mixed with water.

BIO-DOWN/UP pH adjustment

Correcting pH is essential for plants to absorb the maximum amount of nutrients.

BIO-DOWN is an aqueous solution made of citric acid and found naturally in different citrus fruits, such as lemons.

BIO-UP is a humic acids based formulation harvested from natural sources, especially designed for the growers that want to keep everything organic in their grow, from seed to harvest.

The natural formulation of BIO-DOWN and BIO-UP enables fast pH adjusting of any type of substrate and for any type of crop, without harming the soil micro life.

Both are designed to work perfectly with the Biobizz nutrients and can be used in every watering.

They are suitable to be used during both the growing and the flowering period.

Ultra pH-

pH adjustment

Gold Label Ultra pH- is an universal acid for adjusting the pH levels of nutrient solutions.

It contains a balanced mix of phosphoric acid, nitric acid and sulphuric acid.

Add last to your nutrients solution, reduce pH carefully in small steps and stir well before measuring.

Use Ultra pH- in the vegetative and flowering period.

Recommended for all type of substrates and nutrient schedules.

Shake well before use. Keep away from children. Store in dry and concealed place.

Canna pH Plus Pro (20%) 1L 01325 Canna pH Minus Pro Bloom (59%) 1L 00348 Canna pH Plus (5%) 1L 00349 Canna Organo Acid 1L 01316 GHE pH Down Dry 25g 04747 GHE pH Down 500ml 05196 1L 04895 GHE pH Up 1L 04896 BIO DOWN 250ml 36059 500ml 36060 1L 36061 5L 36062 BIO UP 250ml 36058 5000ml 36057 1L 36056 5L 36055









GT pH Adjustment pH Down

The premium solution maintaining and lowering a nutrient's pH level. Acid formulated using food grade Phosphoric acid. Just add a little at a time if your nutrient pH is too high in order to lower the pH to the proper level.

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Premium solution maintaining and raise a nutrient's pH level. Base formulated using potassium hydroxide and potassium carbonate.

Add a little at a time if your nutrient pH is too low in order to raise the pH to the proper level.

GT pH Buffer

pH measuring calibration

Solutions of a known and fixed pH. These are used to calibrate pH meters. This should be done on a regular basis to ensure ongoing accuracy from the meter. Available buffer solutions: pH 4 and pH 7.

Conductivity Standard Solution

EC measuring calibration

Solutions of a known electrical conductivity (EC) used to check and calibrate EC meters. This should be a regular procedure to ensure best results from the meter.

Available EC standard solutions: 1.413 mS/cm and 2.76 mS/cm.

GT Liquid Oxygen

increase oxygen

A daily addition of Liquid Oxygen to the nutrient tank will greatly enhance the photosynthetic process.

This will lead to bushier plants with larger leaves, thicker stems and shorter inter-nodes. Plants will be stronger and leaves will be darker, thus collecting light with greater efficiency and further improving photosynthetic response.

Liquid Oxygen will quickly break down in the nutrient tank releasing a free atom of oxygen. This oxygen atom is extremely reactive and will attach itself to either another atom, forming a stable oxygen molecule, or attack a nearby organic molecule, such as a virus or fungal spore.

GT Liquid Silicon

nutrient solutions.

IQUID

SILICO

Silicon is a beneficial plant nutrient found in virtually all natural soils but not, until now, in hydroponic

Silicon will strengthen the plants cell walls producing stronger healthier plants with massive root systems and increased resistance to pests and disease.

Pythoff nutrient conditioner

Pythoff is an effective sterilising agent designed to ward off pests and disease in hydroponic systems. Once added to your nutrient solution, regular use of Pythoff will help protect your plants from a range of diseases, fungi, and parasitic organisms known to cause root-root, in particular Pythium.

PYTHOFF

Pythoff will sterilise anything it comes into contact with which means all drippers, reservoirs, and surfaces in your hydroponic system will be sterilised and protected from pathogens that affect hydroponic systems.

Pythoff can be used safely in all hydro systems.

GT pH Down 250ml 00033 1L 00032 5L 00034 GT pH Up 250ml 00126 1L 00125 GT Buffer 7 Solution 300ml 00765 1L 04751 GT Buffer 4 Solution 300ml 00764 Conductivity Standard Solution 250ml 00766 Liquid Oxygen 250ml 00116 1L 00115 5L 04750

Liquid Silicon 250ml 02668 1L 02667 5L 04628







CANNA Coco Natural

natural coco-based plant medium

CANNA Coco Natural is a natural plant medium that offers the gardener and his plants advantages over other substrates. CANNA Coco Natural consists of 100% coco flakes, produced in India while processing coconut shells. The production process is subject to strict quality controls so we can vouch for this product's quality.

CANNA Coco Natural is an organic product that is very lightly buffered and free of harmful viruses or soil diseases.

CANNA Coco Natural has an excellent water to air ratio that provides the ideal properties for this cultivation method. In addition, it naturally contains a special Trichoderma that protects plants against soil diseases and aids nitrogen uptake.

CANNA Coco Professional+

coco-based growing medium

CANNA Coco Professional Plus is a product with a homogeneous structure and has had a full buffering, eliminating the side effects of growing on coir. Thanks to CANNA's unique production process CANNA Coco Professional Plus is free of harmful viruses and soil diseases.

CANNA Coco Professional Plus has a complex water/ air system that provides the ideal conditions for the professional approach to cultivation. In addition, it contains a special Trichoderma that protects the plants against soil diseases.

CANNA Coco Professional Plus makes an excellent potting mix improver after use.

Canna Terra Professional

nitrogen-rich potting mix

Your favourite plant grows best in a nitrogen-rich potting mix and CANNA Terra Professional potting mix is unlike anything you will find in a garden centre. It contains a blend of sphagnum moss peat, compost, worm castings, perlite and a special 'natural plant booster' which is a blend of organic ingredients. If you are going to grow indoors or outdoors, this is the potting mix you want to use.

Exclusive, high value organic ingredients such as airy peat moss and types of tree bark that have an antiseptic action are components of Terra Professional. These have the direct result of promoting exceptional root development and the formation of thicker stems, while faster metabolism combined with low sickness rates ensure an increased production.

Among other things, these characteristics make CANNA TERRA highly suitable for fast growing plants.

Canna Terra Professional+

the purest potting mix possible

CANNA Terra Professional Plus is the purest potting mix possible for plant cultivation. It also gives the best effects with CANNA TERRA nutrients. The formulation is specifically developed for indoor, grow-room situations. Of course, it also gives good results outside.

The medium is pH-adjusted for long-term control with a lime charge large enough to last an entire cycle. It has a mineral-nutrient starter charge that adjusts the initial level of nutrients up to a good beginning charge, correcting the ratios to work perfectly with CANNA TERRA nutrients.

The special structure provides optimum amounts of air and water in the medium.

CANNA Terra Professional Plus contains trace elements and chelates, which protect the plants during early growth.



CANNA Bio Terra+

a certified organic soil

CANNA Research has succeeded in developing a certified, organic soil that meets international organic standards. Bio Terra Plus is made up of 100% natural materials and as such can also be used for organic cultivation.

Bio Terra Plus is made up of top quality peats which include superior quality white peat. The airy structure of white peat is supplemented with shredded tree bark that has natural antifungus properties. BIOCANNA Bio Terra Plus only contains organic fertilisers of plant origin that are released according to the plant's needs. In this way the plant always gets the optimal amount of nutrients.

In Bio Terra Plus there's also use of coco's fibre, actually the best Coco is used: CANNA COCO.

Certified balanced biological fertilising, enriched with positive soil bacteria for the plant will create a beneficial symbiosis.

CANNA Aqua Clay Pebbles

baked clay pellets

CANNA Aqua Clay Pebbles are baked clay pellets that form an ideal substrate for use by experienced growers. Aqua Clay Pebbles are ideal for growers who want to control the application of nutrients and the humidity level of their plants throughout the entire cultivation process.

CANNA Aqua Clay Pebbles are manufactured from special types of clay that have a low soluble salt content. Because of this, they are particularly suited for use in closed hydroponic cultivation systems.

CANNA Aqua Clay Pebbles have both high porosity and high air content which stimulate the development of strong roots that grip the substrate well. Strong roots mean bigger yields.

Aqua Clay Pebbles are inorganic, have a neutral pH value, are fungus free and do not rot.

CANNA 60/40 Coco Pebble Mix

the newest addition to the canna family

The newest addition to the CANNA family, CANNA Coco Pebble Mix is a mixture of 60% CANNA Coco Professional Plus and 40% CANNA Aqua Clay Pebbles.

Coco Professional Plus is a first-rate coco product that is made using top-quality raw materials. It has the optimum structure and purity, while CANNA Aqua Clay Pebbles are made from special types of clay that have a low soluble salt content.

Terra Seed Mix

ideal for germinating seeds

CANNA Terra Seed Mix is a potting mix that is perfectly suited for germinating the seeds of your favourite plants. It works great in combination with CANNA Start.

The advantages of CANNA Terra Seed Mix include the homogeneous, stable structure of Terra Seed Mix which is great for retaining water, giving the seeds the best chance of germinating correctly.

CANNA Terra Seed Mix is also particularly suitable for use when rooting cuttings.



CANNA COGr 1.0m

COGr board

At the heart of the COGr line lies the COGr board. This board consists of a sophisticated mix of coconut grit, coconut fibre, and coconut granulates

Thanks to the coarse coconut structure, the COGR board has the unique property of being able to absorb large amounts of nutrients, moisture and air simultaneously, which are made immediately available to the plant. This makes the medium superior to all other growing media, promoting faster root development and higher yields.

COGr boards are ideal for transportation. They are delivered in dried and pressed form. In this form, they weigh less than 2kg.

.0m CANNA Coco Slab 1.0m

professional plus in slab form

CANNA Coco Slabs have been developed and created to fulfil all the requirements for plant cultivation. They contain Trichoderma, which can protect the plant against soil diseases. CANNA Coco Slabs contain the same coco product as CANNA Coco Professional Plus!

The substrate can be used several times. It can be used as a potting mix conditioner afterwards. It is environmentally friendly and meets the strict RHP demands.

CANNA Coco Slabs are organic products with a homogeneous structure, free of chemical additives, harmful viruses and soil diseases. In contrast to coconut fibre, which is also used in horticulture, CANNA Coco Slabs are free of fibre and come in the form of fine flakes. This improves quality and yield.

T.A.Organic Soil Light-Mix

with perlite

Peat based soil comes with a huge cost to the environment, it's time to find a better way to make substrates. Enter T.A organic soil. All the advantages of a traditional soil, with optimised drainage, and water and oxygen retention, and without the cost of peat.

T.A organic soil: light mix contains organic compost, premium quality coco fibre and wood fibre, and perlite for aeration creating an ideal habitat for beneficial microorganisms.

RHP Organic certified, T.A light mix works for seed germination, starting and growing cuttings, in pot based cultivation, and as a soil improver in gardens and borders.

T.A.Coco Fibre

100% pure coconut coir

High quality, ultra-clean substrates from a totally renewable organic source: the ease of soil growing with added performance.

The CocoTek range is derived from premium quality coconut coir processed to give you one of the cleanest, lightest, best performing coco coir substrates on the market today - safe to use straight from the bag with no rinsing needed.

Guaranteed pathogen, weed, pest and perlite free.

CocoTek product can be used as soil replacement in traditional hand watering contexts.

CocoTek coir can be reused up to 3 times if needed, and makes a superb garden and agricultural soil improver, especially in clay soils.

T.A.Coco Fibre with Perlite

75/25 coco/perlite mix

High quality, ultra-clean substrates from a totally renewable organic source plus added perlite the ease of soil growing with added performance.

The CocoTek range is derived from premium quality coconut coir processed to give you one of the cleanest, lightest, best performing coco coir substrates on the market today - safe to use straight from the bag with no rinsing needed.

Pathogen, weed and pest free.

The optimised drainage and root zone oxygenation offered by CocoTek PX is ideal for use in the GHE Ebb & Grow system, self-watering pots and dripper systems, and all CocoTek product can be used as soil replacement in traditional hand watering contexts.





Gold LabelSpecial Mix

pre-fertilized soil mix

Gold Label Special Mix is made using Swedish virgin white peat of the highest quality.

One gram of Special Mix can absorb a stunning ten grams of water.

The peat is cut into a coarse structure and mixed with only the highest quality perlite, Swedish clay, lime, minerals, trace elements and organic fertilizer.

It's a complete mix, ready for use. Special Mix contains nutrients for the first 2-3 weeks of your crop cycle.

Gold LabelSpecial Mix Light

seedlings, young plants and cuttings

Special Mix Light is for growers who would like to take matters in their own hands when it comes to feeding.

Made with the same high quality Swedish white peat as in our Special Mix, only with less nutrients added.

The lower concentration of nutrients allows the grower to control the nutrient gift from day one. Just enough nutrients are present in the substrate for a healthy start! You can use Special Mix Light with both organic and mineral nutrient lines.

Gold LabelCoco

washed & buffered in Holland

Gold Label Coco is the highest quality coco's coir substrate available, the substrate is carefully washed and 'charged' in Holland.

With a special permit we are able to guarantee a clean and environmentally responsible product to our customers.

No chemical treatments are performed to 'reduce' salts from the coco's, the salts are washed out and mineral elements are introduced to guarantee a healthy start for the plants! Salt is bad for plants!

Gold Label Coco is flushed down until 0.05 EC and recharged with calcium nitrate, trace elements and vitamins.

Gold Label Coco is charged and ready to go, plants love this!

Where the most sensitive plants (clones) often face difficulties, especially with the start, small plants kick off immediately in Gold Label Coco.



totoPerlite 70/30

SUPERCHARGED

naw

product

Gold LabelCocoPerlite 70/30

increased drainage

Premium 70/30 Coco - Perlite mix for horticulture - Hydroponic substrate with outstanding drainage features.

Gold Label Coco (70%) and Perlite (30%) is a very porous and light inert substrate that combines tremendous air volume with great water retention and capillary action. The 3-6 mm perlite granules reduce shrinkage of the mixture and contribute to a stable and open structure. Made out of the finest and cleanest raw coco coir available on the market.

All flushing and buffering processes take place in the Netherlands. Pre-charged with slow release calcium and natural trace elements. Guaranteed both low salts and low heavy metal contents!

Coco/Perlite 70/30 is a suitable mix for ebb & flow and automated irrigation systems.



Gold LabelHydrocorn

RHP certified clay-pebble substrate Hydrocorn 8-16mm

Hydrocorn (XL) 16-25mm

Hydrocorn is irregular shaped, this allows roots to get a grip and produce more side hairs. Because they produce more side hairs, they are able to absorb more elements.

A stronger root system creates a healthier and better producing plant.

HYDROCORN pebbles are baked in clean fuels, therefore they are food grade and RHP certified. We are proud to say that our HYDROCORN products are the only clay pebbles on the globe with RHP for horticulture certification!

Gold Label Hydrocorn clay-pebbles are porous and able to absorb about 15% of water of its own weight, so therefore they are much more forgiving for the users.

Gold LabelHydro

denser baked clay pellets

For people who prefer a hard outside layered round pebble, we carry the flushed (so not dusty), round Gold Label Hydro pebble.

A nice looking and round shaped 8-16mm clay pebble.

Suitable for intensive drainage irrigations. This product is not RHP certified.

Gold LabelHydro-Coco 60/40

RHP approved hydro-coco mix substrate

This Bullet-Proof mix simply is the best mix of the highest quality Coco coir and the unique Hydrocorn irregular clay-pebbles that offers the best of both worlds.

In general, a pure coco grower grows too wet, where the roots will suffocate in the bottom of the pot. A pure clay-pebble grower grows too dry, because of the lack of moist at the roots. So, if you mix both these substrates you make it in a way bullet proof. 60%, Hydrocorn – (RHP), for structure, grip and oxygen and 40% coco (RHP) for nutrient and moisture retention.

In this exclusive mix we use the outside of the coconut (raw fibres) for better water transportation through the pots (capillary action). This coco is washed and treated exactly the same as the regular Gold Label Coco in Holland under the highest environmental regulations.

The Perfect mix for the Multiflow V3 system.

Gold LabelHydro-Coco 80/20

the only RHP hydro-coco mix substrate

Gold Label Hydrocorn and Coco is an ideal match for high water capacity, lower watering frequency and better rooting.

We utilize the 8-16mm Hydrocorn from Gold Label and the purest Gold Label Coco to give you the perfect ebb and flood growing substrate that also works well in any pot based systems.

The 80/20 mix allows you to feed less frequently than in straight Hydrocorn but more frequently than 60/40. This gives you a buffer on the watering times but still allows you to feed regularly without over watering.





Bio Bizz All•Mix

pre-fertilized soil mix

All·Mix literally does it all for you – creating the optimum environment for plants to flourish throughout the year.

This heavily pre-fertilized substrate mixture emulates a rich outdoor soil with a full micro active ecosystem. It's been designed to have enough nutrient-fuelled power to sustain lush growth for a couple weeks, without any need to add any extra fertilizer.

When using All-Mix for the first time, moisten it with water and leave to stand for 36 hours. This gives the Pre-Mix active fertilizer and microorganisms inside the substrate a chance to start working their magic before the plants goes in.

Keep the soil slightly warm at all times – if it's too cool, the microbial activity slows down, which makes it more difficult for the plants to grow. You also want to allow the soil to dry out between each watering, as the All·Mix substrate dries out, fresh air gets in, which helps the soil to breathe.

Bio Bizz Light•Mix

seedlings, young plants and cuttings

If you want more control, Light-Mix provides the ideal foundation for encouraging vigorous growth in seedlings, young plants and cuttings – right from the beginning.

It gets the vital micro activity going as the water works with the soil, producing organic catalysts that rapidly develop root structures. Light Mix has also been specially blended to ensure optimal drainage throughout – an essential property if you use automatic irrigation systems.

You can apply larger quantities of this fertilizer to any kind of plant, including heavy feeders, without the risk of overloading the soil and causing a nutrient burn – indicated by yellowing and crunchy, burnt tips on the leaves. With automatic watering it's important that the water properly infiltrates the substrate, or this can become too wet and cause mould to form.

Bio Bizz Coco•Mix

100% pure coconut coir

No, we're not talking chocolate bars here, but Biobizz Coco·Mix that is probably the best, 100% organic coco coir product on the market.

It's made from waste materials left over by the coconut industry, which has proven to be an ideal medium for growing plants.

To become this famous substrate, the coco coir matter is first decomposed over a period of time to soften the strong fibres. This is then washed in clear water, dried and shredded to become light and airy Coco·Mix– which contains little moisture and a low pH of 5 or 6.

Coco-Mix works well plugged into pots as a rock wool replacement for growing all kinds of hydroponic crops – simply fill small pots with plugs of Coco-Mix. It's compatible with all types of nutrients and can be used to refresh All-Mix or other soil mixtures and with your usual A+B range to improve aeration.

Bio Bizz Pre•Mix

soil improver

Want guaranteed optimum growth, flowering, and maximum resistance to disease and fungal problems? Pre·Mix combines the qualities of different organic fertilizers, rock meals, trace elements, and fungi – all in just the right quantities in one convenient and versatile pack.

You can use Pre·Mix as a transplant or starter fertilizer. Blend it into any soil or soilless substrate, or combine it with high-quality organic worm castings to add microbial life and fortify the nutritional value of your soil or planting mix.



Bio Bizz Worm•Humus

soil improver

Worm humus, also known as vermicast, is the final product of decomposed material excreted by the king of the soil – the earthworm.

This high quality organic compost is made from 100% pure, organic worm castings that have been stringently lab-tested to ensure they don't contain any farmyard waste, landfill waste or compost.

Packed with water-soluble nutrients and bacteria, our Worm Humus is a very nutritious organic fertilizer and excellent all-round soil improver.

Worm Humus is perfect for refreshing All-Mix, adding to substrate mixtures already in use, or preparing the garden subsoil. The ideal proportions to aim for are a blend of: 10 -15% Worm Humus™ to 85 - 90% All Mix.

Guanokalong Complete Mix

pre fertilized potting soil

This growing media is charged with the correct amount of Guanokalong Powder. Mixed with products like: seaweed powder, palm tree ashes, cotton seed powder, fish powder and volcanic loam, this unique mix of products represents a full body pure organic NPK value with an abundance of trace elements.

The soil has enough nutrient for the first 2 weeks of growing as it is lightly enriched with Guanokalong Powder.

This soil contains: Perlite 10%, Baltic white peat, black peat, PG Mix and worm castings 10%.

Vermiculite

soil improver

Vermiculite is the name of a group of hydrated laminar minerals (aluminum-iron magnesium silicates) which look like mica.

Vermiculite added to the garden or vermiculite in potting soil increases water and nutrient retention and aerates the soil, resulting in healthier, more robust plants. Perlite may also be found in potting soils, but vermiculite is far superior for water retention. Vermiculite, although it is able to hold less air than perlite, is the correct choice for more plants liking more water.

Perlite

water retaining inert growing medium

Perlite is the small white, pumice-like grains that you will find in quite a few potting mixes currently available on the market.

Primarily it is used to help improve the drainage and aeration of a hydroponics substrate, meaning that you are much less likely to run into problems associated with over-watering than when you use a substrate without perlite added into it. It is particularly useful to add into a media when you are growing in systems such as Autopot's that are typically constantly saturated with water.

Lava Rock Stones

the best replacement for clay pebbles

Lava Rock is a great media for drainage and water retention. It is the best replacement of Clay Pebbles (Leca) Lava rock has neutral pH. It can be used many times as hydroponic substrate after washing.

Provides higher quality water to the roots. It provides faster growth of microorganisms that make the nitrogen in the soil water-soluble so that the plant can use it. Long-lasting structure.

Resistant to insects, fungi and plant diseases.

It does not contain any toxic substances to plants.

Vermiculite 100L 00094

Horticultural Perlite 20L 37635 50L 05901 100L 00093





Propagation

GARDEN HIGHPRO Propagator XL 120x40x200

GARDEN HIGHPRO Propagator

professional propagation systems

GARDEN HIGHPRO offer a range of propagator tents to help create the perfect environment for seed germination and rooting cuttings.

Constructed from strong and tear resistant 420D Nylon Fabric with the frames constructed from a patented strong and stable steel structure.

The inner is covered with a premium 97% reflectivity Mylar certified as plant friendly.

The high quality zippers are light proof and corrosion resistant.

Plastic viewing windows, doubled soft fabric air, electrical inlet and outlet sockets, complete this tent range.



80x60x40

GARDEN HIGHPRO Propagator S 60x40x40cn



GARDEN HIGHPRO Propagator L

60x40x200cm



Secret Jardin Dark Propagator

propagation tent

The Secret Jardin Dark Propagator tent range comes in 3 sizes.

DP60 measuring 60cm x 40cm x 60cm

DP90 measuring 90cm x 60cm x 98cm

DP120 measuring 120cm x 60cm x 190cm

Constructed from 16mm steel poles, the fabric is a very reflective Mylar M210D and 3mm thick plastic corners.

Ideal for use with T-LED lighting the breathable material provides the same temperature and humidity in the whole tent.

These units can also be used for grow and bloom for small plants.

Secret Jardin Green House

propagation tent

The Secret Jardin Green House is a "Reflector Tent. The most intense and the best distribution of light on the market.

Constructed from fibred structured poles and sturdy joints, the fabric is Mylar 190T.

CFL dedicated grow room for grow & flowering. The shape of the tent acts as the best integrated reflector. Easy set-up and very cost effective grow tent.

Comes complete with a CFL 65w lamp and lead.

Secret Jardin Hydro Shoot HS80p

propagation tent

Hydro Shoot Grow Tent have been manufactured for both beginners and experienced gardeners looking for a great value.

Hydro Shoot fits perfectly for both growing and flowering thanks to all accessories you can use on it.

Easy and quick to assemble, made of a strong steel structure and a full Mylar Fabric, Hydro Shoot are the tents you need, to start with or to complete your setup.

HS80p measures 80cm x 60cm x 80cm.

GorillaBox Clone Tent

propagation tent

The GorillaBox Clone Tent measures 120cm x 60cm x 120cm. IT has 2 shelves giving it lots of room for cuttings or seedlings at an affordable price.

Constructed in 600D high quality non-toxic Mylar. Steel poles and metal corners with coated open mesh shelves

Ideal for use with T5 lights, T-LED lights or CFL bulbs.

The units can be used for seedlings, small plants or cuttings.



AutoPot easy2progagate

propagation made easy

easy2Propagate is the largest, most adjustable single piece propagation lid on the market. It's size and ventilation capacity mean a vast range of climatic options are achievable.

easy2Propagate's size and features deliver entirely new levels of growing potential and plant control.

A cavernous 200mm lid height offers your plants more headroom than any other single piece propagator lid available, giving you greater choice as to when you transplant.

Four large and fully adjustable vents allow growers unparalleled scope to fine-tune an environment in which young plants can thrive.

easy2Propagate ties together the proven growing technology of the AutoPot range. Fitted with four 6mm piping ports, it is designed to accommodate an AQUAvalve for easy integration with low maintenance AutoPot Watering Systems. The lid and kit contents slot together in minutes.

GHE Rainforest2®

aeroponic modules

Three options to grow small to medium plants from cutting to maturity in one unit.

Go from cuttings to adult plants in the same unit No need for heavy substrate

Large reservoir capacity helps stabilise pH Aquafarm style level tube allows easy direct

access to nutrient solution for testing

Covers available with different sized growth sites for maximum flexibility

The 2nd Generation Rainforest series allows you to grow in 2, 3 or 6-inch pots allowing a variety of different plant sizes to be grown with optimum spacing. The smaller the pot, the more the unit can house: 36 for the 2" model, 18 for the 3" version, and 6 for the 6" Rainforest2.

GHE RainForest 72 Propagator®

aeroponic propagation module

Multiple aeroponic growth sites in one compact unit.

The RainForest72 uses the vortex motor from the original aeroponic Rainforest range to deliver perfectly oxygenated nutrient solution to up to 72 cuttings, without the need for protective covers.

Used by some of the world's biggest labs including Los Alamos and the Argonne National Laboratory in the USA, the Rainforest72 delivers the most dramatic growth rates of any system they have tested.

Propagate 72 plants on a 67cm footprint

Large 70L reservoir capacity helps stabilise pH

Made in France from 100% recycled, UV stabilised and barriered plastic

Guaranteed for life! *

* Lifetime Guarantee is for reasonable use only and applies to moulded plastic systems made in France by GHE, and excluding ancillary components, motors etc

GHE CuttingBoard Propagator®

compact aeroponic propagator

The best choice for small projects and a key instrument for plant collectors.

Like the RainForest72®, the Cutting Board is an ideal system to get a vigorous and healthy root mass, that will easily adapt to the different environments into which they will be transplanted, be it in hydroponics or in soil.

It is a key system for small projects and a practical instrument for all.



Heated Propagator with Capillary Mat and Tray Propagator

two or three bay

2 and 3-bay propagators with capillary mat and tray is great to grow a variety of plants. Made out of robust plastic with a shatter-proof lid. 3-Bay 54.5 x 21.5 x 14.5cm 2-Bay 38 x 24 x 20cm

The capillary mat and tray allow your plants to self water meaning you can leave your plants for a period of time without worry.

Adjustable ventilation · Self-Watering · Lightweight tray with pre-drilled holes · Made in the UK

2-Bay Large with Capillary Mat and Tray Propagator 40005 3-Bay Large with Capillary Mat and Tray Propagator 40006



Heated Propagator

two or three bay

These heated propagators are a great to grow a variety of plants. Made out of robust plastic with a shatter-proof lid.

The heated tray means you can get your plants underway early by instigating germination at a set temperature between 16-21 degrees centigrade.

3-Bay 54.5 x 21.5 x 14.5cm 2-Bay 38 x 24 x 20cm

Adjustable ventilation · Lightweight tray with no holes · Made in the UK

2-Bay heated Propagator 40007 3-Bay heated Propagator 4000



Large Propagator

Perfect if you have a whole tray of cuttings or seedlings on the go and for those who want to grow either a variety of plants or a few larger ones. Propagator is 580 x 380 x 240mm

Adjustable ventilation \cdot Use various growing medium with insert trays or without \cdot Made in the UK

Large Propagator 40009



High Dome Propagator

Perfect if you have a whole tray of cuttings or seedlings on the go and for those who want to grow either a variety of plants or a few larger ones.

54 x 28 x 20cm

54 x 28 x 25cm

High Dome Propagator 54x28x20cm 05812 Lid Only 36917 Tray Only 36918 54x28x-25cm 05813 Lid Only 36920 Tray Only 36919



Small Propagator

Perfect if you have a whole tray of cuttings or seedlings on the go and for those who want to grow either a variety of plants or a few larger ones.

26 x 38cm


Hortimol full spectrum FSG

This T-LED Hortimol 40W is an ultra-thin (1.5cm), very light (900 grams) horticultural lighting system designed for vertical farming or propagation. It has 264 Osram LED's and 8 IR mounted on an aluminium ramp with impeccable finishes.

Its FSG 4000K spectrum is intended for the growth of cuttings and young planted gardens indoors in a greenhouse or in a growing room.

Hortimol 40w 4000K 36313



Cosmorrow Growing

perfect for vegetative, propagation and growing

The Cosmorrow® LED GROWING is perfect for vegetative, propagation and growing.

They can be as close as you want from the plants, but we usually advise to keep 15cm distance in order to not have to move them too often.

Secret Jardin Cosmorrow Grow 37569



Secret Jardin T-LED

LED low power propagation lamps

Choosing T-LED lighting is using lighting technology with the best lighting spectrum.

Available in 26W and 42W versions.

Designed for low space, with small extraction. 5 times longer service life & no yield drop over time.

More penetration than TCL & T8 technologies. Better spectrum than any other technologies.

Secret Jardin T-LED Grow 26w42w 05753



T5

low power florescent grow lights

These light units are designed for small plants and cuttings.

Very little heat is emitted and so the unit can be placed very close to plant-top height without fear of scorching.

These units also have low power consumption in relation to traditional HID lighting systems.

Available in 3 sizes. 2ft x 2 tube, 2ft x 4 tube, 4ft x 4 tube.



GARDEN HIGHPRO LEDMAXPRO

propagation lighting system

GARDEN HIGHPRO'S LEDMAXPRO has the ideal spectrum design for our cuttings and seeds . Ensures optimal seedling growth with minimal consumption.

The Garden Highpro Ledmaxpro for propagators is a system of Led technology bars or bars designed for LEDMAXPRO of our seedlings, small plants and micro greens, they do not generate excess temperatures and are totally waterproof.

The LEDMAXPRO system is perfect for GARDEN HIGHPRO PROBOX propagation cabinets.

CFL Blue 6400k/ CFL Red 2700k

lower power grow and flower bulbs

The blue CFL grow light is designed for the vegetative growth cycle of your plant.

Available in 125W, 200w, 250W and 300W versions.

CFL's use less power and have a longer rated life than traditional low power incandescent bulbs.

CFL's radiate a different light spectrum from that of incandescent lamps. Improved phosphor formulations have improved the subjective colour of the light emitted by CFL's across the PAR Spectrum.

GARDEN HIGHPRO LED S 38121 M 38122 L 38123 XL 38124



CANNA Vega Start

perfect start for cuttings

CANNA Start is a unique, balanced, one-part nutrient to meet the needs of seedlings and rooted cuttings.

CANNA start gives you all the primary, secondary and macro elements for a cutting or seedling to develop into a strong healthy plant.

Only one bottle needed. CANNA Start is a complete one-part nutrient, meaning it contains all the needed elements in one bottle (no A and B versions needed)

CANNA Start is perfect for growers who: Grow from seeds. Take their own cuttings Put the seedlings or cuttings in small pots first, before transplanting them into the final medium.

Eazy Plug/Block/Pyramid

Fast and vigorous root development

Eazy Plug originates from the Dutch centre of cultivation technology, and is an innovating propagating and growing medium that is truly unique.

It comes with predetermined EC and pH levels and self regulates to exactly the right air-to-water ratio.

Due to its strongly bonded organic components there is no necessity for pots or sleeves, thus offering huge hair root structures because of to the air pruning effect. With its superb water uptake and uniform moisture distribution, it can be supplied dried, offering a clean lightweight growing medium with an unlimited shelf life.

The Eazy Plug system offers a full cycle, sustainable growing solution containing plugs, blocks and pyramids.

GT Root Riot

propagation medium

Root Riot is a ready-to-go, organic propagation cube for use with seeds and cuttings. With the same dimensions as the '1-inch' rockwool cube they are suitable for transplanting into any growing system

Composed of ground coir and an organic polymer their structure provides the perfect air/water ratio for faster, more vigorous rooting. Each cube is inoculated with the micro-nutrients and beneficial fungi necessary to give your young plants the best possible start in life.

The cubes are supplied ready-moistened with a central hole to accommodate your cutting or seed. In practice the cubes may require re-wetting on arrival, this should be done by soaking them in tepid water and allowing them to drain off. Should the hole in the block be too large to accommodate your cutting snugly, a new hole may be created to one side of the centre using a cocktail stick or similar.

Bomat Bio Rockwool

grow slab

Stone wool is a natural product. It is made of basalt, solidified lava spewed from the innermost depths of the earth. In the midnineteenth century, American geologists in Hawaii discovered a "woolly" material consisting of stone wool, which locals used to insulate his hut. It was volcanic material, the product of the red - hot gas is lava fluid under high pressure.

The stone wool commercially BOMAT duplicate this natural process as possible. Currently, extracted basalt is liquefied again in the furnace at 1500 $^{\circ}$ C Liquid basalt is then spun into fibres in a spinning chamber and then allowed to solidify to a curing oven with hot air (230 $^{\circ}$ C) and compressed into wave packets, which are then divided into slabs, blocks or plugs and wrapped in film. When processing factories, Basalt one cubic meter to produce approximately fifty cubic meters of stone wool.

Eazy Block x160 02898 Eazy Plug x24 02588 x77 02587 x104 37432 Eazy Pyramid x4 06045

GT Root Riot Bag x24 01726 x50 05675 x100 01765







Preis Erupa

Growing Systems



Multiflow Digital Controller

Multiflow System Accessories

We offer a full comprehensive range of replacement parts and accessories for the Multiflow V3R.

Multiflow System V3R

minimum effort, maximum yield

The V3R Multiflow level controller takes the best parts of a V1 (easy to set up with an analogue timer) and seamlessly combines them with the enhanced facilities of the V2R Digital controller with multi-adjustable flood times, ability to miss days out, big bore pipe work for faster flood and drain times and remote timer for ease of operation. This means that the V3R is a hybrid analogue/ digital system that is super easy to use but is the most advanced flood and drain controller around. Class Leading Technology from Highlight Horticulture!

V3R Integration with other systems

The V3R can be used as a Deep Water Culture Controller to ensure all pots in a DWC or Bubble pot system are kept topped up correctly



12 Pot 2.4mx2.4m*



36 Pot 3m x 4.8m³



at all times, and can also drain the nutrient solution back to a tank,

where adjustments can be made, and re-flood them to ensure that

The V3R can be used as a High pressure drip irrigation controller.

Want to run a Multiflow as a Drip Irrigation system? Our uprated

relays can control large high pressure pumps (up to 1000w). Try

The V3R can be used as an Aqua Farm/Water Farm controller to ensure

all Aqua/Water farms are kept topped up at all times, and can also

drain the nutrient solution back to a tank, where adjustments can

be made, and re-flood them to ensure that all pots have a similar

all pots have a similar pH/Cf content.

that on any other system!

Stands available on request but

not required, unless on very

sloping, uneven floors.



*approx area needed

Basic set up: Super quick, super easy

Set the time of day on the Grasslin analogue timer, push a peg out to indicate when you want a flood cycle to occur, press the up or down buttons to say how long you want the flood cycle to last.

Advanced set up: Dynamic Learning Mode

Not sure how long to set your flood times for to ensure your system is filled completely? Too short and some plants aren't being properly fed.... too long and plants are sitting in deep water unnecessarily.... both not providing optimal root environments.

Then let the V3R take charge! Simply select Dynamic Learning Mode (by simultaneously pressing a couple of buttons) and the V3 Multiflow will learn how long it takes to be completely filled, automatically set the length of time it takes and store it in its memory! All it takes then is for you set how many floods per day, by pushing out a peg (or more) on the Grasslin timer and you have Multiflow perfection!

Advanced set up Plus: Class Leading Flexibility

The V3R has the ability to skip days whilst remembering what time of day you want to fill the system, and for how long.

So if you like to use a Coco or Soil based Growing Medium but find it too wet to be flooded on a daily basis (or certainly when plants are small), select Day Mode (by pressing a couple of buttons) and tell the unit to feed every one, two, three (or more) days to ensure your favourite mixture is correctly irrigated, then switch back to filling the pots each day when your plants are ready for it.

Multiflow V3R - Call or login to The Portal for system variations





T.A. The AquaFarm® & WaterFarm®

easy to use hydroponics for everyone

The ORIGINAL home hydroponics unit. Often copied, never equalled.

Invented more than 30 years ago in California by GH USA founder Lawrence Brooke, and still GHE's best-selling home hydroponic system today, the Aquafarm®, and smaller format Waterfarm, have grown hundreds of thousands of healthy, happy and often huge plants around the world.

The Aquafarm® owes its longevity and success to the mix of performance and ease of use that the system offers. Quick to set up in any space from greenhouses to kitchens and balconies, Aquafarms® and Waterfarms® can be used to grow decorative and culinary plants of all sizes, from basil and other herbs to small trees.

Both systems work by using air to draw nutrient solution up from the reservoir, and dripping it back down through the clay pebble substrate and roots. This simple, reliable design is incredibly effective at delivering perfectly oxygenated nutrient solution to plants - exactly what's needed for optimal growth and flowering, and two-part construction offers easy reservoir and root access, which can be difficult or impossible in many systems.

Roto-moulded in France from super tough and durable recycled plastic

Versatile, adaptable and expandable

UV and light shielded for root protection

Very low electricity consumption: less than 2w

T.A. Ebb&Grow®

the easiest way to discover hydroponic growing

Perfect for balconies, small gardens and indoor use, the Ebb&Grow[®] lets you grow plants in pots, with no pipes or wires, but with the added advantages of hydroponics

Want to grow hydroponic herbs and vegetables at home, work or School, but put off by the complexity of the systems? The Ebb&Grow[®] means you can use any pot you like, almost any substrate (although we recommend Cocotek PX or CP), and move plants around at will. Herbs in the front and tomatoes and chillies in the back? No Problem. All salads this month and cut flowers from pots next? No problem. All our hydroponics systems are flexible, but the Ebb&Grow[®] really is the most adaptable system we have ever made, and with no risk of leakage or overflow, easy disassembly and cleaning, it can be used anywhere that space is available.

The GHE Ebb&Grow® is an "ebb and flood" design: a simple timer (not included) runs a pump intermittently to bring nutrient solution up to the growing table, where it flushes spent air from the roots of your plants, waters and feeds them, then pulls fresh air in as the water drains back down to the reservoir.

The system can hold up to thirty-two 15cm plastic pots, twenty-two 1 gallon (3.7lt) fabric pots, or as many larger pots as you can fit on its 88cm square growing surface, and with a height of just 38cm low ceilings are not a problem.

Made from the same ultra-durable, UV blocking, 100% recycled plastic, as with all GHE manufactured systems, the moulded plastic parts of the Ebb&Grow® are guaranteed for life* - unique in the hydroponics industry.



T.A. ACS Controller®

air driven nutrient circulation

The ACS controller works with almost any re-circulating modular hydroponic system delivering full nutrient solution re-circulation in under 30 minutes, without complex electronics and pumping systems. The key to the system's efficiency is our revolutionary T-Piece design which forces solution to recirculate through each module, as opposed to mostly flowing past with limited exchange as happens with a normal T-connector.

The circulation is provided in the most elegant way by a small air pump that circulates the solution between each pot. This, plus the simplicity and reliability of the controller design make the GHE ACS controller the best choice for always on, recirculating modular hydroponic control."

* Lifetime Guarantee is for reasonable use only and applies to moulded plastic systems made in France by GHE, and excluding ancillary components, motors etc

T.A. AeroFarm®

easy to use aeroponics, for everyone

Based on the industry leading AquaFarm, the AeroFarm offers easy, substrate free hydroponic growing on small to medium scales.

With the same easy access 45lt reservoir as the AquaFarm[®], the AeroFarm[®] offers many similar benefits, but thanks to the use of sprayers and net pots the AeroFarm[®] needs no substrate beyond a few recycled clay pebbles.

AeroFarms $^{I\!\!R}$ can grow from 1 to 5 plants, and are available in 2" and 3" pot sizes, they are all:

Roto-moulded in France from super tough and durable recycled plastic

UV and light shielded for root protection

Versatile, adaptable and reliable

T.A. EcoGrower®

effective and efficient drip feed modules

An easy way to grow small to medium plants from cuttings to maturity in one unit.

Based on the same solid base unit as the Rainforest2®, the Ecogrower® uses a simple air pump to send water and oxygen through the dripper system, where it is delivered to your plants before dripping back down through re-usable clay pebble substrate to the reservoir before re-circulating.

Go from cuttings to adult plants in the same unit, without heavy substrates

Large reservoir capacity helps stabilise pH

Aquafarm $\ensuremath{\mathbb{R}}$ style level tube allows easy direct access to nutrient solution for testing.

Available with six 6" grow sites

Ghe Aeroflo 20

T.A. AeroFlo®

efficient, flexible hydroponic system

Used by NASA, scientific expeditions, and commercial growers around the world, the AeroFlo® is the substrate free commercial system.

Ranging from 10 to 120 plants per unit, and with unlimited number of units available, AeroFlo® systems are truly the most flexible way to produce plants hydroponically. Working on the principle of distributing oxygenated water optimally along the length of the unit, the AeroFlo® concept offers the advantages of what has become known as "Aeroponics", without the downsides of water heating, and extreme susceptibility to pH fluctuations.

AeroFlo® systems run from one simple water pump in the reservoir which lifts water to the growth tube, where it is injected at carefully calculated intervals. The nutrient solution then falls back down the downpipe, perfectly oxygenating the nutrient reservoir as it does so: no complex controllers, or multiple air pumps - AeroFlo® Systems are incredibly easy to set up and run so you can focus on plant management, not system maintenance.

These advantages, including the incredible performance of plants in the system, are why the AeroFlo® is our best-selling commercial system worldwide, and the system of choice of our commercial partners, Les Sourciers, Les Aeromates, Hydroleb, and more .

T.A. ACS WaterPack®

active circulation system for waterfarms

The ACS system allows you to install a proper hydroponic system in small spaces, and to tailor size to your needs. The entire system runs off one air pump, and our innovative T-connector design means that nutrient solution is fully circulated in just thirty minutes!

Made out of the same high-quality plastic as our market leading AquaFarms, and with the same easy access 45lt reservoir the ACS WaterPack® has a flip top reservoir lid for easy filling and emptying, and direct access to the nutrient solution.

Roto-moulded in France from super tough and durable recycled plastic

UV and light shielded for root protection

Versatile, adaptable and reliable

The ACS Waterpack® comes with 4 WaterFarm® units as standard, and works best with one plant per pot.

Expansion parts are available to add more WaterFarms if you wish, and you can also use the ACS controller with other brands of pot.





AutoPot 1Pot Systems

The 1Pot module is the number one best seller for AutoPot in the UK and performs extremely well in both national and international horticultural markets.

Whatever medium you choose the 1Pot system enables gardeners and growers of all abilities to achieve incredible yields from their plants.

The 1Pot System is easily extended and many 15lt pots can be linked to a single reservoir.

The pots and trays are modular and can be easily spaced apart as plants grow. Once assembled, the reservoir is filled with water and liquid fertiliser (if required), the system will completely take care of all your plant's feeding requirements, providing them with fresh, balanced feed throughout their entire life cycle.

This versatile system can be used in the home, greenhouse, polytunnel garden to feed and water your plants and offers an easy and efficient watering system for all manner of crops whether edible or ornamental.

1Pot Systems are available in a range of size layouts. It does not stop at 100 pots, the 1Pot System[™] will just keep extending.









Complete 24 Pot System with 400lt FlexiTank

AutoPot 1Pot Systems Call or login to The Portal for system variations





AutoPot easy2grow

The easy2grow system is AutoPot's best-selling watering system worldwide.

Whether using the easy2grow starter kit in a garden or multiple easy2grow extension kits on a vast commercial scale, this system provides fresh, balanced feed to your plants throughout their entire life cycle.

Gs 82/83

The 8.5L pots and modular 2Pot trays can be used to grow a wide variety of crops and are ideally suited to either short, bushy varieties like herbs or strawberries, or tall growing vine plants, where multiple kits can be placed end on end in a garden, greenhouse or polytunnel.

The easy2grow system can be used with a wide range of growing substrates, either traditionally with soil or hydroponically.

Low maintenance, reliable and automated; the easy2grow system allows gardeners to relax, go away on holiday and still be sure of healthy plants and bumper harvests. Maintenance free growing.







Complete easy2grow 4 Pot System with 47lt tank



AutoPot 1Pot XL

Developed by AutoPot to meet the demands of the ambitious gardener, featuring a MASSIVE 25L growing capacity the 1Pot XL is perfect for growers looking to cultivate BIG plants and achieve even BIGGER yields.

This original design has a clam shaped tray that accommodates the large volume 25lt XL pot.

The round based pot enables the grower to easily rotate a big plant while the pot is still in the tray.

Ideal for large specimen plants, such as blueberry bushes or Japanese maples, the 1Pot XL can be used as a single unit system or linked to larger reservoirs to create huge systems of any size or configuration.

The 1Pot XL is supplied with all necessary connections and the AQUAvalve that controls the water supply to each and every plant in the system, delivering fresh, balanced feed throughout their entire life cycle.







AutoPot 1Pot XL Smart Pot

AutoPot XL SmartPot Systems take the immense capacity and versatility of the XL System and incorporate the original, market-leading SmartPot. All our XL Systems are now available with 18.9lt fabric SmartPots at no extra cost. Amongst the range of fabric pots on the market SmartPots are exceptional for their use of BPA-free, lead-free material with no off-gassing or leaching guaranteed.

The construction of SmartPots is such that they provide a uniquely rigid base for a fabric pot which keeps your plants upright. For retailers and customers alike SmartPot Systems also offer huge savings in shipping, stocking and storage space.

Bigger – SmartPot's porous fabric sides allow for air pruning which effectively eliminates root circling, giving you bigger plants from smaller pots.

Faster – Increased oxygen exchange in the substrate via the porous fabric walls supercharges growth. Smarter – Air pruning cultivates a vastly increased number of secondary feeder roots which in turn increase nutrient and water uptake.





AutoPot 1POT XL Call or login to The Portal for system variations



AutoPot easy2Propagate

easy2Propagate's size and features deliver entirely new levels of growing potential and plant control.

A cavernous 200mm lid height offers your plants more headroom than any other single piece propagator lid available giving you greater choice as to when you transplant. Four large, fully adjustable vents allow growers unparalleled scope to fine-tune an environment in which young plants can thrive.

easy2Propagate ties together the proven growing technology of the AutoPot range. Fitted with four 6mm piping ports, it is designed to accommodate an AQUAvalve for easy integration with low maintenance AutoPot Watering Systems. The lid and kit contents slot together in minutes.



Complete 1Pot System with 47 litre tank (includes all pipework and fittings)



1x Clear easy2Propagate Lid with 4 x Fitted Vents, 1x Garden Tray, 2x Coco Matting 580mm x 510mm x 30mm 1x Root Control Sheet 1160mm x 510mm



1x Clear easy2Propagate Lid with 4 x Fitted Vents 1x AQUAvalve, 1x Lid 1x16mm-6mm Tee Connector 1x 6mm Tee Connector, 1m of 6mm pipe, 1x Garden Tray 2x Coco Matting 580mm x 510mm x 30mm 1x Root Control Sheet 1160mm x 510m



1x Clear easy2Propagate Lid with 4 x Fitted Vents 1x 25L FlexiTank, 1x16mm-6mm Click-Fit Tank Adaptor & Filter 1x AQUAvalve, 1x Lid, 1.5m of 6mm pipe 1x Garden Tray, 2x Coco Matting 580mm x 510mm x 30mm 1x Root Control Sheet 1160mm x 510mm



GS 84/85

Flexi

easy2Propagate Lid

1x Clear easy2Propagate Lid with 4 x Fitted Vents,



AutoPot Tray Systems

Maximise your growing space with AutoPot Tray Systems. These innovative and efficient irrigation solutions were developed with our commercial partners and are now available to the public.

Our development partners wanted to pull as much profit per square metre as possible. Tray systems allow you to achieve this with the capacity to irrigate multiple pots in single tray and lid assembly, all fed by a single AQUAvalve.

AutoPot Tray Systems run on exactly the same AQUAvalve-driven technology as our other systems. You are still growing power-free, with not a drop of water wasted. But Tray Systems can cut your overheads further. The reduction in components as opposed to multiple individual pots and trays (each with their own valve and line) means a fraction of the maintenance duties.

Auto3 XL SmartPot/XL includes: 1x Auto3 XL tray/lid 1x Round blue access cover 1x AQUAvalve & cover 1x 6mm top hat grommet 1m length of 6mm piping 3x 18.9L fabric SmartPot/25L Solid Pot 3x PotSock (round)

1x Auto8 tray, lid & access cover 1x AQUAvalve & cover 1x 6mm top hat grommet 1m length of 6mm piping 8x 8.5/15L Solid Pot 8x PotSock Square 8x Marix Disc (Square)

Auto8 8.5/15L includes:

Auto 9 XL SmartPot includes:

1x Auto 9 XL tray, lid & access cover 1x AQUAvalve & cover 1x 6mm top hat grommet 1m length of 6mm piping 9x 18.9L SmartPot/25L Solid Pot 9x PotSock Round





— 1190mm —

⊢−−−− 1145mm



Tray Systems - Call or login to The Portal for system variations

CocoMat

propagation assistance

CocoMat is the ideal addition for growers seeking a low maintenance irrigation system. The coco fibres and natural latex in a CocoMat wick all the moisture and nutrients a plant requires! Fill your tray just once and CocoMat will water the plants for up to ten days.

To use simply place the CocoMat into a propagation tray. Lay a Root Control Sheet onto the mat and sit small pots or seed trays on top. CocoMats can be cut to fit any size of tray.

The CocoMat controls watering by holding and gradually wicking the water to the plants via capillary action.

Team you CocoMat with an AutoPot easy2GO to create an automated watering kit!



CocoMat in 3 easy steps

- 1, Simply place your CocoMat into a tray
- 2, Fill the tray with water
- 3, Place your seed tray on top and grow!

AutoPot AirDome

supercharge your plants

Supercharge your plants! The AirDome has been designed to boost growth and yields by increasing the oxygen content in the pot. More oxygen means a healthier root zone and greater uptake of water and nutrient; your plants will grow bigger and yield significantly more.

In AirDome trials with Luffa plants we achieved an increase in yield of 130%! For more common varieties of fruiting plants, you can expect an increase in yields of up to 30%!

The Domes are very simple to use and take less than 30 seconds to assemble. The AirDome is placed at the bottom of the pot, covered with compost and then connected to an air pump.



GS 86/87



easy2Go

ultimate holiday watering kit

Turn any gardening tray into an AutoPot System!

By incorporating the AQUAvalve, the easy2GO Kit will keep your plants automatically irrigated using a simple flat-based tray and reservoir. The easy2GO Kit is placed directly onto the tray along with your potted plants and distributes water to the pots from below.

Ideal for growers looking to use very large pots or simply keep multiple smaller pots irrigated in one tray.

Multiple kits can be linked together from a single reservoir to keep larger volumes of plants watered and the easy2GO Kit can be installed anywhere; in your home, greenhouse, conservatory or balcony.

Going on holiday? The easy2GO Kit is the ultimate watering kit for happy, healthy plants. Unlike other holiday watering kits, the easy2GO Kit provides optimum levels of water to meet the plants requirements - without the need for timers or electricity ensuring you return from holiday to plants that are thriving.

This inexpensive, flexible system can be assembled in minutes and contains all fittings required to connect to a reservoir of your choice. You simply need a water container with a minimum 30 litre capacity and a flat based gardening tray with a minimum depth of 30mm.

AQUAplate

increase phosphorus uptake

AQUAplate simply brings a whole new dimension to your AutoPot Watering System. Everything you need to adapt an AutoPot tray for pure hydroponic growing is contained within the kit. The seamless integration that AQUAplate affords you saves time, expense and allows you to grow in our proven, highly efficient, low-maintenance irrigation system.

Collar and mesh pot your plants, slot them into the plate and drop into your AutoPot tray and you're growing hydroponically!

In an AutoPot system with AQUAplate plants thrive through only ever receiving fresh irrigation and nutrients unlike recirculating systems.

Grow free from substrate

Give plants direct root access to nutrient rich water

Encourage faster, stronger root development

Contains all you need to adapt your existing AutoPot system

Includes PotSock for superior root control

Simply drops into an AutoPot tray

AQUAvalve5

a 66% bigger inlet

The needs of growers are ever-evolving, served by an increasingly diverse range of nutrients. With a 5mm inlet, the new AQUAvalve5 rises to the challenge of delivering the widest range of nutrients in a faster flow for a quicker fill, maximising system efficiency. Maintenance is reduced and the risk of blockages minimised - even with organics.

AQUAvalve5 has revolutionised the way in which organics can be fed through AutoPot Watering Systems. For the first time, we can recommend almost constant feeding of liquid organic nutrients, additives, and boosters in solution via the reservoir and pipework.

It should be noted that this applies only to systems equipped with AQUAvalve5 and 9mm pipe and fittings. Earlier model AQUAvalves with 6mm pipe and fittings cannot feed liquid organics in solution via the reservoir and pipework on a constant basis. The wider apertures of fittings and pipework on AQUAvalve5 equipped systems produce vastly increased flow rates that practically eliminate potential blockages.

Your existing 1Pot, XL, XL SmartPot, and easy2grow trays, pots and lids will accommodate the new AQUAvalve5, the 9mm fittings and 9mm pipe. The design of these is unchanged.

AquaPlate Square 40010 AquaPlate Round 40010 Blue Foam Disc 40022 Neoprene Collar 40024 Mesh Pot 40024



AutoPot FlexiTank

Struggling to fit a plastic reservoir into your car or home is now a thing of the past!

The FlexiTank range is available in a variety of sizes and revolutionises water storage for every gardener, whether on a domestic or commercial scale. FlexiTanks reduce storage and shipping costs and take minutes to assemble, no tools required.

Everything a gardener needs in one compact box. It really couldn't be simpler.





FlexiTank 25L 05920 50L 05930 100L 03003 225L 03004 400L 03005 750L 03006 1000L 05067



AutoPot FlexiTank Pro

The Revolution Refined: the FlexiTank Pro offers even greater scope for growing with AutoPot Watering Systems in extreme climes.

The elegance of FlexiTank Pro's reflective and light-tight skin is the embodiment of form and function combined.

The FlexiTank Pro's skin beautifully disguises an extremely rugged, fully collapsible design within. Concealed tank supports and internal capacity markings add neat edges to the proven, ultrastrong, ultra practical FlexiTank design.







225

60ga





FlexiTank Pro 100L 05713 225L 05714 400L 05715 750L call for prices





95L Garden Lake Water Butt

95lt Garden Lake Water Butt 02385



350lt Magnum Water Butt 01253



Bloomroom Flexi Reservoir

Bloomroom Flexi Tray 95 x 95 06126 115 x 115 06122 195 x 95 06123 235 x 115 06124 290 x 290 06125



200L Garden Lake Water Butt

Spats Saver 100L Water Butt

Spats Saver 100lt Water Butt 01224





Spats Saver 250L Water Butt

Spats Saver 100lt Water Butt 05248

Water Butt Stand

Water Butt Stand 03050

200lt Garden Lake Water Butt 01254



Gronest Fabric Pots, Transplant & Grow Bag

breathe life

Fabric pots are designed for indoor and outdoor use, commercial nurseries, organic growers and home gardeners.

Gronest company has engineered a technically advanced fabric growing container using its proprietary "Aqua Breathe" layer. With this highly engineered geotextile, we have achieved the optimum in strength durability, aeration and moisture retention in a single product.

Environmentally Friendly Made From Recycled Pet Bottles Save Up To A Week Of Vegetative Growth Cycle Stop Roots Circling And Aerates Root Zone Roots Stay Cooler Plants Need Re-potting Less Often Non-Breakable Fabric Lasts Perfect For Hydroponic Gardening Stop Roots Circling And Aerates Root Zone PROPOT + ACTIVE FABRIC POTS

GARDEN HIGHPRO Propot Active Fabric Pots

ΠA

Very strong and reusable Square based to optimise the growing space Ideal for indoor and outdoor growing Roots breath properly

Torrest and

GARDEN HIGHPRO Propot Wall Geotextile Pots

Very strong and reusable Variety of plant pockets 4/8/12 Ideal for indoor and outdoor growing The roots can breath properly

Propots Uses "air-pruing" to encourage a dense and fibrous radial root system.

Effectively eliminates root circling around the sides of the pot Reduces the time it takes to develop a thick root system. Increased performance over conventional pots.



GARDEN HIGHPRO ProPot (10 pack) 4L 03116 7L 03117 11L 03118 15L 04858 20L 04859 30L 04860 50L 04861



Generic Fabric Pots

two layered fabric pots

Generic Fabric Pot 19L 37659 20L 37793 23L 37658 30L 37231 30L with Handles 37794 37.9L 37323 40L 37233 50L 37795 56L 37284 115L 05871 150L 05872

Round Pots Square Pots Square to Round Pots and Saucers

black plastic pots for all occasions

Call Highlight or visit the Highlight Portal for all sizes



Garland Tray

Solid plastic trays

Sturdy moulded plastic trays in various sizes to hold your pots in place.

Garland Jumbo Tray 117 x 40 x 5cm 04947 Garland Titan Tray 100 x 55 x 15cm 05910 Garland Giant Garden Tray 110 x 55 x 5cm 01164 Garland Metre Square Tray 100 x 100 x 12cm 01985 Garland 60cm Tray 60 x 60 x 5cm 02519 Garland 1.2m Square Tray120 x 120 x 5cm 02657 Garland Chieftain Tray 64.5 x 49.5 x 12cm 02658

Garland Trays - See above



Low Flow Series HX 1500/2000 Water Pump HX 1500 450L/hr 02062 HX 2000 650L/hr 02063

Multifunction Series HX 2500/4500 Water Pump

HX 2500 650L/hr 04063 HX 4500 2000L/hr 02369



HX Series Water Pump

HX8810 1050lt/hr 04886 HX8825 2400lt/hr 04044 HX8830 2900lt/hr 05353 HX8890 8000lt/hr 05352



26 Series V-30 Water Pump 30lt/hr

V10 10lt/hr 05717 V20 20lt/hr 05716 V30 30lt/hr 05048 V60 60lt/hr 02542



22 Series Hailea AC02201 Air Pump

Hailea AC02201 02433



22 Series Hailea ACO2204 Air Pump

Hailea AC02204 02432



22 Series Hailea ACO2206 Air Pump

Hailea AC02206 02435



ET Series 30 Air Pump

ET Series 30 02355



ET Series 40 Air Pump ET Series 40 02366



ET Series 60/80 Air Pump ET Series 60 02367 ET Series 80 02296



96 Series Super Silent Single Air Pump

Super Silent Single 02336



96 Series Super Silent Double Air Pump

Super Silent Double 02337



96 Series Super Silent Four/Six Air Pump

Super Silent Four 02338 Super Silent Six 02339



96 Series Super Silent Eight Air Pump

Super Silent Eight 02340



98 Series Hailea AC09820 Air Pump

Hailea AC09820 10 Outlet 02214





BubbleGen V1

BubbleGen 05756

efficient circulation. endless bubble

The BubbleGen is a twin jet hydroponic bubble generator with integral silencer which efficiently and quietly oxygenates and circulates a nutrient tank.

BubbleGen uses atmospheric pressure to pull oxygen rich air through the input port and mixes it with the nutrients passing through the body of the unit, ejecting an energetic circulating stream of nutrient and bubbles without the need for a noisy compressor air pump.

Hailea Water Chiller

low noise series

On-board electronic display for quick easy operation. Digital temperature control technology ensures accuracy. Uses a Freonfree R134a refrigerating system which is environmentally friendly.

Anti-corrosive pure titanium evaporator for fresh and salt water use. Low noise.

Hailea HC 100A 05719 130A 06052 150A 04444 250A 05282 300A 05283



Hailea Water Heater

thermostatic temperature control

The submersible HAILEA Glass Heater is fully thermostatically controlled and is ideal for the heating of water in aquariums/fish tanks and nutrient in hydroponic tanks.

The submersible automatic aquarium heater has an easily visible thermometer-style temperature indicator. The sensitive and reliable thermostat maintains a uniform temperature. Its heating element is highly efficient and compact.

Hailea CB8300 50w 05159 100w 05160 150w 05161 200w 05162 300 05163



Hailea Manifolds

This product helps to distribute air flow to your pond or aquarium more evenly, helping you make the most efficient use of your air pump.

Steel Manifold 6 Way 02436 8 Way 02437 10 Way 02438 Plastic Manifold 8 Way 05516 10 Way 02574 20 Way 02297



Air Stones Budget air stones to meet specific oxygenation needs.



Round Air Stone

A range of larger air stones for oxygenating large tanks and grow systems.



Ring Diffuser Air Stone

This ring diffuser can be used to make a ring of highly oxygenated air bubbles.

They can be used to aerate aquariums & nutrient tanks when attached to an air pump.



Air Curtain

Hailea Air Curtain 12" to 36" Hailea Flexible Rubber Air Curtains send a torrent of air bubbles cascading from the tank.



Air Line 200m rolls of 4mm clear airline for distributing air to air stones.

Diffuser Air Stone 3" 02143 4" 02144 5" 02365

Air Curtain 12" 05279 18" 05720 24" 05280 30" 05721 36" 05281

Air Line Black 05113 Clear 02363









secret Jardin

Secret Jardin are industry leaders in indoor Grow Tents since 2016 and their product lines are known to be an excellent choice to the both professional and hobbyist growers.

To satisfy any types of grow tent users, whether they are beginners or experienced, Secret Jardin has developed a complete range that meets their requirements. Our grow tents have special characteristics depending on whether they belong to the Intense, Dark Room, Dark Street or Dark Propagator line.

For growers looking for high grade products, Secret Jardin's Grow Tents bring a strong steel frame, a heavy-duty light-proof black outer skin and a high reflective toxic-proof inner coating. But Grow Tent is not just about the tent : at Secret Jardin, we care about providing our users with the complementary accessories that will make a great and an effective setup. Space Boosters, PocketIT, CableIT, WebIT and other equipments are included for free right in your box !

And if you are a first-time user or a price-conscious buyer, then Secret Jardin provides the Hydroshoot Grow Tent line, its essential line.

In 2019, Secret Jardin is reinventing Grow Tents with the launch of its new generation of tents featuring professional grade intake and exhaust ports. Intake and exhaust ports come as a set of robust flanges and connectors which can be installed anywhere on the tent frame. As a result, ducts, filters and extractors are easily and steadily attached to the ports as they would be to a wall. The overall setup reduces vibrations while preventing any light leaks or sealing defects. Intense 120

Intense

expert

Expert grow tents, dedicated to the cultivation of intensive crops. Massive Ø30mm structure and thick tear-proof 900D canvas.

Easy access to the plants through side windows and central corridor. Height option: extend the height of your grow tent by 30 or 60cm. Set up your big "grow warehouse" by linking multiple Intense tents together.

Code	Product	Length	Width	Height	Colour
05632	Secret Jardin Intense 120	120	300	215	Silver
05633	Secret Jardin Intense 240	240	300	215	Silver
05634	Secret Jardin Intense 480	480	300	215	Silver
05365	Secret Jardin Intense 150	150	360	242	Silver
05636	Secret Jardin Intense 300	300	360	242	Silver
05637	Secret Jardin Intense 600	600	360	242	Silver

High reflective Mylar inside (95%) Stainless steel corners with dual lock mechanism Up to 75kg equipment at centre Aluminium tubes 23mm diameter 1.5mm thickness Strong & washable fabric, 0.6mm thickness Strong thick base

Code	Product	Height	Colour
05771	Secret Jardin Intense 120 Height Option	30	Silver
05772	Secret Jardin Intense 240 Height Option	30	Silver
05773	Secret Jardin Intense 480 Height Option	30	Silver
05774	Secret Jardin Intense 150 Height Option	60	Silver
05775	Secret Jardin Intense 300 Height Option	60	Silver
05776	Secret Jardin Intense 600 Height Option	60	Silver







DR300

Dark Room

professional

New tubes, corners, Mylar & heights The Secret Jardin Dark Room is a premium quality grow tent. Purpose made to accommodate your chosen growing system; it provides the perfect environment for growing plants.

The five tube concept reduces spare tube stock levels, to just five different tube sizes per range. This allows easy fulfilment tube requests.

Code	Product	Length	Width	Height	Colour
05644	Secret Jardin DR60	60	60	170	Silver
05645	Secret Jardin DR90	90	90	185	Silver
05646	Secret Jardin DR120	120	120	200	Silver
05647	Secret Jardin DR150	150	150	235	Silver
05902	Secret Jardin DR150w	150	90	200	Silver
05648	Secret Jardin DR240	240	240	200	Silver
05649	Secret Jardin DR240W	240	120	200	Silver
05650	Secret Jardin DR300	300	150	235	Silver
05658	Secret Jardin DR300w	300	300	235	Silver
05651	Secret Jardin DR480	480	240	200	Silver
05652	Secret Jardin DR600w	600	300	200	Silver

DR20

DS240w

Dark Street

hobbyist

The Secret Jardin Dark Street 2.50 is specially lined with a new reflective hammered effect Mylar fabric (190D). All water trays are Mylar.

Increase of the tubes thickness from 0.5 to 0.6mm.

Pre-equipped for extraction and ventilation, the tents come with equipment bars and accessories to support lamps, and carbon filters.

Code	Product	Length	Width	Height	Colour
36113	Secret Jardin DS60	60	60	150	Silver
36114	Secret Jardin DS90	90	90	170	Silver
36115	Secret Jardin DS120w	120	60	185	Silver
06200	Secret Jardin DS120	120	120	200	Silver
05657	Secret Jardin DS240	240	120	200	Silver





Secret Jardin Lodge

hobbyist

The Secret Jardin Lodge is a cultivation and propagation tent that has 3 different compartments, one large to house mature plants and two smaller side compartments to house low power lighting and propagators.

The Lodge 120 could also be used to flower smaller plants whilst growing on the next successive crop, creating a much quicker turnover of crops.

Like all other Secret Jardin tents, the Lodge is constructed out of thick, quality materials making them strong, sturdy and near impenetrable to the brightest of light.

The Lodge 120 is only 150cm tall making it ideal for tighter spaces.

Code	Product	Length	Width	Height	Colour
05659	Secret Jardin L90	90	60	135	Silver
05660	Secret Jardin L120	120	90	145	Silver
05661	Secret Jardin L160	160	120	205	Silver
05662	Secret Jardin L280	280	120	210	Silver



Secret Jardin Hydro Shoot

entry level

The new Hydro Shoot range of tents provides an excellent growing environment at an affordable price for price-conscious buyers.

Easy to set up, both to assemble and dismantle, the Hydro Shoot grow box range offers flexibility and a range of size options.

Using 95% reflective Mylar internally, it's an incredible value for money option.

Secret Jardin Hydro Shoot tent offers a very compact solution for price-conscious buyers. Its compact size is ideal for growing young plants or the keeping of older plants.

Code	Product	Length	Width	Height	Colour
05835	Secret Jardin HS40	40	40	120	Silver
05836	Secret Jardin HS60	60	60	140	Silver
06201	Secret Jardin HS80p	80	60	80	Silver
05837	Secret Jardin HS80	80	80	160	Silver
05838	Secret Jardin HS100	100	100	200	Silver
05839	Secret Jardin HS120	120	120	200	Silver









Code	Product	Length	Width	Height	Colour
05259	GorillaBox Deluxe Tent Silver Back	600	300	220	Silver
37029	GorillaBox Deluxe Tent	800	400	220	Silver
05927	GorillaBox Roof Tent	120	120	180	Silver
05928	GorillaBox Roof Tent	150	150	180	Silver
05929	GorillaBox Roof Tent	240	120	180	Silver

GORILLABOX

a full range of quality affordable tents

GORILLABOX grow tents are available in a variety of sizes to accommodate different situations. Standard grow tents are available for customers looking to grow a few plants, while deluxe ones are for those growing a full garden throughout the year.

Code	Product	Length	Width	Height	Colour
04961	GorillaBox Standard Tent	60	60	140	Silver
04962	GorillaBox Standard Tent	80	80	160	Silver
04963	GorillaBox Standard Tent	100	100	200	Silver
04964	GorillaBox Standard Tent	120	120	200	Silver
04966	GorillaBox Standard Tent	120	240	200	Silver
04965	GorillaBox Standard Tent	150	150	200	Silver
05925	GorillaBox Standard Tent	200	100	200	Silver

A matched ventilation system will provide temperature control and increased air circulation within the space.

The light proof construction allows for a controlled day night light cycle for your chosen indoor lighting system without it being effected by outside light.

The tents are constructed of high quality, heavy duty 210D and 600D Mylar fabric. Incorporating high quality, heavy duty zips. The frame is a sturdy 16mm or 25mm diameter 1.0mm thick coated metal construction with welded metal corners and click lock joints.

Code	Product	Length	Width	Height	Colour
04968	GorillaBox Deluxe Tent	200	200	200	Silver
04969	GorillaBox Deluxe Tent	240	240	200	Silver
04967	GorillaBox Deluxe Tent	300	150	200	Silver
04970	GorillaBox Deluxe Tent	300	200	200	Silver
04971	GorillaBox Deluxe Tent	300	300	200	Silver
05926	GorillaBox Deluxe Tent	400	200	200	Silver
05258	GorillaBox Deluxe Tent	600	300	220	Silver



ENVIRONMENT IS EVERYTHING

BudBox

Since its inception, over 17 years ago, BudBox has been, and remains, the most trusted name in the indoor grow tent market. Right from the start they have remained at the very forefront, continuing to manufacture and supply high quality, tried, tested and trusted grow tents to both the professional and hobbyist grower.

As concept developers, BudBox have, throughout the last 17 years, continued to upgrade, improve and re-style the BudBox Grow Tents in line with the feedback they receive from customers and in line with our own philosophy to constantly strive for perfection.

The BudBox Pro grow tent has a strong tempered 16mm diameter pole in our 75 and 100 range, and a 25mm diameter tempered high tensile steel pole for all units ranging from XL (1.2) up to the massive Titans, ensuring you have all the strength that you need in the big tents to hang heavy filters and lighting rigs. The complete range of BudBox Pro Grow Tent's are equipped with steel, push and click fit connectors, which, in addition to the thicker tempered steel poles, provide greater load bearing strength for all your filters, fans and lighting requirements.

BudBox is still the ONLY grow tent that takes the time and care to powder coat our poles and connectors, delivering the best possible anti-corrosion protection and a very clean and reflective look. The philosophy of BudBox is and will remain the cornerstone of our success and is not open to negotiation or compromise, BudBox use the best there is! All the component parts used in the construction of BudBox Grow Tents

are sourced, tried and tested and

are guaranteed safe for plants and

Code	Product	Length	Width	Height	Colour
05600	BudBox-Pro Small	75	75	100	White
05602	BudBox-Pro Intermediate	75	75	160	White
05603	BudBox-Pro Medium	75	75	200	White
05606	BudBox-Pro L180	100	100	180	White
05608	BudBox-Pro L200	100	100	200	White
05610	BudBox-Pro XL Roof	120	120	180	White
05612	BudBox-Pro XL	120	120	200	White
05744	BudBox-Pro XL HL	120	120	220	White
05618	BudBox-Pro XXL Roof	120	240	180	White
05620	BudBox-Pro XXL	120	240	200	White

Code	Product	Length	Width	Height	Colour
05745	BudBox-Pro XXL HL	120	240	220	White
05845	BudBox-Pro XL Plus Roof	150	150	180	White
05614	BudBox-Pro XL Plus	150	150	200	White
37606	BudBox-Pro XL Plus HL	150	150	220	White
05622	BudBox-Pro XXL Plus	150	300	200	White
36002	BudBox-Pro XXL Plus HL	150	300	220	White
05616	BudBox-Pro GT 1	180	110	240	White
05624	BudBox-Pro GT 2	180	220	240	White
05626	BudBox-Pro TITAN 1	200	200	200	White
40012	BudBox-Pro TITAN 1 HL	200	200	220	White

Code	Product	Length	Width	Height	Colour
40013	BudBox-Pro TITAN 1 Plus	200	300	200	White
37607	BudBox-Pro TITAN 1 Plus HL	200	300	220	White
05628	BudBox-Pro TITAN Plus	240	240	200	White
36518	BudBox-Pro TITAN Plus HL	240	240	220	White
05880	BudBox-Pro Titan 2	240	360	200	White
06154	BudBox-Pro Titan 2 HL	240	360	220	White
05587	BudBox-Pro TITAN 3	300	300	200	White
36519	BudBox-Pro TITAN 3 HL	300	300	220	White
05630	BudBox-Pro TITAN 6	600	300	220	White
05599	BudBox-Pro Small	75	75	100	Silver

people to use.



Code	Product	Length	Width	Height	Colour
05601	BudBox-Pro Intermediate	75	75	160	Silver
05603	BudBox-Pro Medium	75	75	200	Silver
05605	BudBox-Pro L180	100	100	180	Silver
05607	BudBox-Pro L200	100	100	200	Silver
05609	BudBox-Pro XL Roof	120	120	180	Silver
05611	BudBox-Pro XL	120	120	200	Silver
05744	BudBox-Pro XL HL	120	120	220	Silver
05617	BudBox-Pro XXL Roof	120	240	180	Silver
05619	BudBox-Pro XXL	120	240	200	Silver

Code	Product	Length	Width	Height	Colour
05745	BudBox-Pro XXL HL	120	240	220	Silver
05845	BudBox-Pro XL Plus Roof	150	150	180	Silver
05613	BudBox-Pro XL Plus	150	150	200	Silver
40014	BudBox-Pro XL Plus HL	150	150	220	Silver
05621	BudBox-Pro XXL Plus	150	300	200	Silver
05615	BudBox-Pro GT 1	180	110	240	Silver
05623	BudBox-Pro GT 2	180	220	240	Silver
05625	BudBox-Pro Titan 1	200	200	200	Silver
05746	BudBox-Pro Titan 1 HL	200	200	220	Silver

Code	Product	Length	Width	Height	Colour
40016	BudBox-Pro Titan 1 Plus HL	300	200	220	Silver
05627	BudBox-Pro Titan Plus	240	240	200	Silver
05747	BudBox-Pro Titan Plus HL	240	240	220	Silver
05844	BudBox-Pro Titan 1 Plus	300	200	200	Silver
05385	BudBox-Pro Titan 3	300	300	200	Silver
06133	BudBox-Pro Titan 3 HL	300	300	220	Silver
05879	BudBox-Pro Titan 2	360	240	200	Silver
05397	BudBox-Pro Titan 2 HL	360	240	220	Silver
05629	BudBox-Pro Titan 6	600	300	220	Silver

BudBox LITE

THE BEST BUDGET TENT AVAILABLE!

A High Quality, Hard Wearing Grow Tent at an affordable price, that blows other budget tents out of the water!

BudBox grow tents entered the market back in 2004 and have a proud reputation for making excellent quality, hard wearing grow tents, setting the standard for all other tents to be judged against. The BudBox LITE grow tent continues this tradition of excellent design and function but at a lower price point for all to enjoy.

Although the BudBox LITE tent range is comparatively lower in price than the BudBox Pro Tent range it still features tough, durable, well stitched tent fabric, interlocking heavy duty poles for sturdy support and solid tent connectors, plus ventilation ports to allow ducting to be fitted, to create a perfect portable indoor growing environment.

Code	Product	Corners	Length	Width	Height	Colour
36241	BudBox LITE	Plastic	40	40	120	Silver
36242	BudBox LITE	Plastic	90	60	90	Silver
06129	BudBox LITE	Plastic	60	60	140	Silver
06130	BudBox LITE	Plastic	80	80	160	Silver
40038	BudBox LITE	Plastic	80	80	200	Silver
40039	BudBox LITE	Plastic	100	100	180	Silver
06131	BudBox LITE	Plastic	100	100	200	Silver
36243	BudBox LITE	Plastic	120	120	180	Silver





Code	Product	Corners	Length	Width	Height	Colour
36243	BudBox LITE	Metal	120	120	180 R	Silver
06132	BudBox LITE	Plastic	120	120	200	Silver
00000	BudBox LITE	Metal	120	240	180 R	Silver
05974	BudBox LITE	Plastic	120	240	200	Silver
40016	BudBox LITE	Metal	150	150	180 R	Silver
36244	BudBox LITE	Plastic	150	150	200	Silver
37108	BudBox LITE	Plastic	300	150	200	Silver
R = roof						

Code	Product	Corners	Length	Width	Height	Colour
37108	BudBox LITE	Metal	300	150	200	Silver
05975	BudBox LITE	Plastic	200	200	200	Silver
38012	BudBox LITE	Metal	200	200	200	Silver
05976	BudBox LITE	Metal	240	240	200	Silver
05977	BudBox LITE	Metal	200	300	200	Silver
05978	BudBox LITE	Metal	300	300	200	Silver
05979	BudBox LITE	Metal	600	300	200	Silver
B – roof						

Dimensio<u>ns in cm</u>

Mammoth Elite

the ultimate in quality for the professional customer

Mammoth Elite tents offer the larger Gardener a range of tents to suit their needs.

The extra height means they can be used with the more powerful 1000W lamps and offer poles that are designed to take the weight of larger hanging equipment.

The tents come with loads of well positioned ventilation holes and as well as being light tight have a washable Mylar reflective liner and a waterproof ground sheet

Heavy duty frame, corners and fabric, with stainless steel / aluminium click system

Dual multiple intake and extraction socks

Equipment tubes that have a 75kg load capacity

Wide easy access door, with jam-proof, waterproof zippers and waterproof floor

Large doors - easy to access and work in

Material is washable inside and out

Code	Product	Length	Width	Height	Colour
06142	Mammoth Elite HC 360L	360	240	240	Silver
06141	Mammoth Elite HC 480L	480	240	240	Silver
06140	Mammoth Elite HC 600L	600	300	240	Silver
06139	Mammoth Elite HC 900L	900	450	240	Silver
06138	Mammoth Elite HC 1200L	1200	600	240	Silver

Dimensions in cm

Elite HC 360

Elite HC 480

Elite HC 600













Strong and resistant fabric Nylon 600D Strong and stable structure Premium and certified Mylar reflectivity 97% Resistant and lightproof zippers Doubled and soft fabric sockets 22mm steel tubes **New** product MAGNUM

22mm diameter 0.9 in diameter

Code	Product	Length	Width	Height	Colour
36511	PROBOX MAGNUM	240	120	220	Silver
36512	PROBOX MAGNUM	240	200	220	Silver



Strong and resistant fabric Nylon 600D Strong and stable structure Premium and certified Mylar reflectivity 97% Resistant and lightproof zippers 30mm aluminium tubes new product

> 30mm diameter 1.2 in

diameter

SUPER

tubes

Gt 104/105

240 cm

BUNKER

Code	Product	Length	Width	Height	Colour
36513	PROBOX BUNKER	240	240	240	Silver
36514	PROBOX BUNKER	300	150	240	Silver
36515	PROBOX BUNKER	300	200	240	Silver
36516	PROBOX BUNKER	300	300	240	Silver




24 MONTH WARRANTY

Horti King 400V 1000W designed for 400V DE bulbs

The Horti King 1000W ballast is the newest addition to the Horti range from Highlight. The fanless design and air finned case allow the ballast to run quietly and efficiently. The ballast will run in humidity between 10% and 90% and is rated IP20, dust tight with good protection.

The ballast has built in protection against short circuits, open loop circuits, ignition failure and lamp failure.

Horti King 400V 1000W Digital Dimmable Ballast 38011



HORTI KING

ITA

The dimmable function allows the ballast to be run at different powers to allow for heat and light control of your growing area and also includes a power boost function for better results in the last few weeks.

Combined with the DE shade and Philips 400V DE bulb, the kit produces maximum light output while still keeping to a budget price.



Horti King 600W Dimmable

digital dimmable ballast

The Horti King Pro 600W Digital Ballast has rapidly become the most popular ballast in the Horti range.

Constructed inside a sturdy aluminium cooling finned housing the ballast runs without a fan and is extremely quiet in its operation.

The ballast has a fast start up and the bulb reaches maximum brightness very quickly

The dimmable function allows the ballast to run different power bulbs from the same

Horti King 600W Digital Dimmable Ballast 05472 Horti King 600w Digital Kits Call Highlight details

24 MONT

WARRANT

ballast for heat and light control of your room and also includes a power boost function for better results in the last few weeks.

HORTI KING

The ballast incorporates dynamic detection of load and power supply, protection for overload, over voltage, load short/open, under voltage and lamp EOL.

The ballast will run in relative humidity's of between 10% and 90% and is IP20 dust tight with good protection.

Horti Gear Magnetic Ballast

class leading magnetic ballast These fixed power magnetic ballasts are the leader of the pack when it comes to power and stability.

Without a ballast to regulate voltage, highintensity discharge (HID) lights uncontrollably draw so much current from a high-voltage source all at once, that they will often overheat and burn out within seconds.

They have a 92% energy efficiency and incorporate a 10a fuse for old bulb and surge



protection. They put out a true 600W to HPS lamps as well as metal halide.

Horti Sun 315W CMH

more light less heat

These fixed power 315W CMH magnetic ballasts are based on the same design as our class leading Horti Gear magnetic ballast and are a welcome addition to our range of ballasts.

In our testing this ballast outperformed the digital equivalent. It was able to strike a bulb with 50m of wiring between the ballast and bulb.

The keen pricing on these ballasts make 315W CMH lighting in the price range for the hobby grower looking to reduce costs on



power consumption and heat issues without a huge investment.

The ballast efficiency is better than 92% and it can be easily wall mounted.

Horti Gear Magnetic Ballast 250W 05208 400W 05104 600W 05103 10000W 05769







Maxibright Daylight 315W Digital Ballast

low frequency square-wave power pack

Specifically designed to run Maxibright & Philips 315W CDM/CMH lamps correctly Low frequency square-wave power pack Small, lightweight & silent running Soft start technology

End of lamp life detection Dynamic frequency control Short circuit protection Thermal protection

The Daylight 315W digital power pack for horticultural lighting from Maxibright is compact, lightweight and silent running.

With all the features of the Maxibright Digilight range, this stunning power pack precisely drives 315W CDM/CMH lamps.

The Daylight 315W when used with the 315W CDM/CMH lamps ensures healthy abundant yields, excellent PAR output levels per watts of power consumed.

Maxibright 315W Digital Ballast 05547

EcoKing 600W Digital Ballast

dimmable budget digital ballast

The EcoKing Digital ballast is a plastic cased digital ballast with a super lumens switch to give that extra boost in the last weeks before harvest.

The ballast has a compact fanless design with efficient cooling. It features dynamic detection of load and power supply with fast start up.

Priced to be our cheapest digital ballast.





Phoenix 600W Magnetic Ballast

compact magnetic ballast

The Phoenix is a standard magnetic ballast and is one of the best performing budget ballasts available.

It will give you a higher output of light than the other cheap unbranded economy ballasts on the market.

Fully encapsulated ballast with an injection moulded resin case which ensures silent running with a wall mountable enclosure.



Sanlight Q SERIES

The 2nd generation of the Q-series was developed to live-up to our reputation as the technological market leader and to extend that lead. For you as a user, this means maximum flexibility with the best system efficiency and usability.

Each led grow light from the Q-Series consists of one or several light modules. These light modules have implemented the newest Osram 2mm2 Chip technology, which enables the generation of an optimized broadband light spectrum with an efficacy of $2,7\mu$ mol/J.

The secondary optics which guides 95% from all emitted photons directly to the cultivating area, protects the Led Chips from dust and dirt additionally. Dirt can be removed easily, and the light output maintains.

The optimised heat sink cools down the led chip to temperatures below 70°C and connects light engine and power distribution.

We give you the options,...

The Q-series models are designed so that the right solution is available for any mounting situation. For classic cultivation areas we offer an ECO solution or an EXPERT setup. That means you choose between maximum energy savings and cost efficiency, or maximum yield.

Options such as power boost or dimmer allow you to expand your system's range of performance or adapt it to new conditions. Every light in the Q-series is prepared for this, READY-TO-DIM and READY-TO-BOOST.

Of course, the lights can be daisy-chained to each other. Several lights can be powered by a single plug socket.

Each Q-series light can be kept state of the art cost effectively and while conserving resources simply by replacing the light modules. They are upgradable.





sanlight Q3W 1 piece for 60 x 60cm 312 µmol/s BPF*

Broadband, continuous light spectrum especially for fruit-forming plants Power consumption 120W

Power Factor > 0,95

Radiation angle 90°

Rectangular and homogeneous illumination of the cultivating area

3 years full warranty

LED modules / light engines can be exchanged with sales partners

90% of light output after 100.000h runtime (LM90)

Daisychainable

Passive cooling









sanlight Q4W

2 pieces for up to 1,44m² (600W HPS replacement)

416 µmol/s BPF*

Broadband, continuous light spectrum especially for fruit-forming plants

Power consumption 165W

Power Factor > 0,95

Radiation angle 90°

Rectangular and homogeneous illumination of the cultivating area

3 years full warranty

LED modules / light engines can be exchanged with sales partners 90% of light output after 100.000h runtime (LM90) Daisychainable

Passive cooling

sanlight Q4W 37060

sanlight Q4LW

2 pieces for up to 1,44m² (600W HPS replacement)

416 µmol/s BPF* Broadband, continuous light spectrum especially for fruit-forming plants Power consumption 165W Power Factor > 0,95

Radiation angle 90°

Rectangular and homogeneous illumination of the cultivating area

3 years full warranty

LED modules / light engines can be exchanged with sales partners 90% of light output after 100.000h

runtime (LM90)

Daisychainable

Passive cooling









sanlight Q5W

2 pieces for 1,44m² (~ 20% more BPF* than 600W HPS)

520 µmol/s BPF* Broadband, continuous light spectrum especially for fruit-forming plants Power consumption 205W Power Factor > 0,95 Radiation angle 90° Rectangular and homogeneous illumination of the cultivating area 3 years full warranty LED modules / light engines can be exchanged with sales partners 90% of light output after 100.000h runtime (LM90) Daisychainable Passive cooling

sanlight Q5W 37062

sanlight Q6W

suitable for bigger areas and expert set-ups

624 µmol/s BPF* Broadband, continuous light spectrum especially for fruit-forming plants Power consumption 245W Power Factor > 0,95 Radiation angle 90° Rectangular and homogeneous illumination of the cultivating area 3 years full warranty LED modules / light engines can be exchanged with sales partners 90% of light output after 100.000h runtime (LM90) Daisychainable Passive cooling



sanlight Q-Series Generation 2 Components only compatible with Q-Series generation 2

M-DIMMER

There is one dimming device necessary for each lamp.



Blanking Plate

sanlight Q6W 37208

The blanking plate is used for empty sockets on the h-distributor or the lamp

Distribution Block

H distribution block is necessary to put more than one lamp to one AC socket.

114/115



sanlight Q6W 37056

Extension Lead

Extension cable 1m or 2m.



sanlight Q6W 37058

Grid Power Cord AC cable with EU plug.





sanlight Q6W 37055

sanlight M30

maximum flexibility, even in the smallest of rooms

The sanlight M30 LED module has been designed for the home and hobby sector.

It offers maximum flexibility, especially for smaller areas of cultivation.

The combination of high-quality luminaires and a bespoke supply technology guarantee a high light output with a long service life and high energy efficiency. Passive cooling increases the reliability and there is no operating noise.

A universally applicable light spectrum enables the growing of young plants and seedlings as well as the successful breeding of flowering and early plants.

The M30 provides the basis of a flexible, modular system. Depending on growth stage and plant genre, the light intensity per unit of area can be adjusted by the number of individual modules.

A frame system, which is available as an accessory, enables a convenient use of several modules. Thus, you are always able to create the optimal illumination solution for your individual cultivation requirements.



Technical Data Overview 77µmol/s PPF Broadband full spectrum 30W Power Draw 90° Beam Angle Module- efficiency 2,8µmol/J 3 Years Full Warranty 90% Light-Output after 80.000h of operating Compact luminaires Flexible expandable Passive and soundless cooling Protection class IP20

M30

sanlight

M30

Austria

6 30W ta=40°C



sanlight FLEX

compact and flexible linear light

The sanlight FLEX series is a compact and powerful LED illumination solution for use in multi-layer systems, Inter lighting applications and as an additional light to existing luminaires.

116/117

The light spectrum of the sanlight FLEX series specially developed for these applications is extraordinarily broadband and has a balanced far-red/red ratio. This accelerates rooting for cuttings and greatly promotes growth in the first phase of plant life.

The generously dimensioned passive cooling system keeps the light cool when in operation. In combination with the high IP68 protection rating, this allows the use of the sanlight FLEX between the plants where there is no light. This means the quantity and quality of your harvest is greatly improved.

When used in multi-layer systems, the broad and homogeneous wide beam characteristics ensure perfect light distribution, even when there are small distances between the light source and the tip of the plant. In addition, the low installation height reduces the space requirement of the individual layers.

In order to keep the installation simple even in larger systems, several luminaires can be supplied via a common LED driver. The luminaires can be connected directly to one another without tools or with the available connecting cable. The mounting tab can also be folded for easy mounting.

Thus the sanlight FLEX offers an extremely flexible system for young plant breeding, and inter lighting applications.

Available in two different lengths Compact space-saving design Cool operating temperature Broadband light spectrum with balanced far-red/red ratio Operation of several lights with a LED driver Waterproof IP68 Homogeneous wide beam characteristic 90° Rectangular distribution of light

sanlight Flex 10 36449 Flex 20 36450 Flex 30 37310 Flex Diver 37311





Hortimol

full spectrum FSG

This T-LED Hortimol 40W is an ultra-thin (1.5cm), very light (900 grams) horticultural lighting system designed for Vertical Farming or propagation. It has 264 Osram LED's and 8 IR mounted on an aluminium ramp with impeccable finishes.

Its FSG 4000K spectrum is intended for the growth of cuttings and young planted gardens indoors in a greenhouse or in a growing room.

The full spectrum FSG is designed to fill the lack of pigment located outside the ranges 660 and 450nm. It increases the radiation energy of red light at a wavelength of 660nm in white light. The overall colour temperature of the FSG spectrum of this T-LED Hortimol is 4000K with a CRI of 88.

The T-LED Hortimol has a 1.55m power cabling with BNC secure connection. This Led lighting is rated IP65: protection against splashing water and dust intrusions.

This 40W Hortimol Led Bar is sold with its braided wire suspension system. It can be hung as a classic horticultural lighting or attached directly to a wall vertically or a shelf horizontally.

CE certification, LM79, ETL.

LM79 is an approved method for performing electrical and photometric measurements of LED lighting. This method includes the luminous flux electrical power, efficiency, chromaticity and light distribution.

ETL certification meets all requirements of the National Electrical Code (NEC) and the Canadian Electrical Code (CEC).

Secret Jardin T-LED

grow/bloom

Secret Jardin T-LED - LED grow lights are a low wattage, low heat, highly efficient alternative to supplemental HPS and T5 lighting systems. These versatile lights can be used as propagation lights or as additional low-level lighting. They can be hung in areas that need more light, close to the plant, without the worry of scorching.

The Blue T-LED emits blue light at 6500K making it ideal for propagation, vegetative growth and mother plants.

The Red T-LED emits red light at 2100K making it ideal for the flowering stage of the plant whether as a stand-alone light for small plants or as additional lighting to existing HPS or LED grow lights.

Available in two size and colour output variations:

T-LED 26W Blue (Grow) 54cm x 4cm x 3cm - weight 360g

T-LED 26W Red (Bloom) 54cm x 4cm x 3cm - weight 360g

T-LED 42W Blue (Grow) 95cm x 4cm x 3cm - weight 580g

T-LED 42W Red (Bloom) 95cm x 4cm x 3cm - weight 580g

Powered by Neon LED technology, Secret Jardin LED's will last 30,000 hours and have minimal power consumption and heat generation. The 26W Blue or Red versions generate an equivalent light output to a twin 55W T5 fluorescent lighting system.



Cosmorrow Growing

The Cosmorrow® LED GROWING is perfect for vegetative, propagation and growing.

They can be as close as you want from the plants, but we usually advise to keep 15 cm distance in order to not have to move them too often the plants, in order to not have to move them too often.

Weight:	0.35kg
Dimensions:	470x32x14.5mm
Power	Consumption: 20W, Voltage: 24V Current: 0.83A
LED Spec:	Qty: 126, Power: 0.16/Led
	Yield: 120 Lumens/W
Colour:	Line 1: 6500K, Line 2: 6500K Line 3: 6500K
PE [350-1000] Laboratory*: 44 µmol/s Laboratory*: 2.2 µmol/s/w
Life Time	Working: 50 000 hours 20% loss: 30 000 hours

Secret Jardin Cosmorrow Bloom 37568 Secret Jardin Cosmorrow Grow 37569

Cosmorrow BLOOM The Cosmorrow® LED BLOOM developed

by our team is perfect for blooming.

The warm white light in combination with a 660nm peak is what you need for a good flowering stage. We advise to keep 25 to 35 cm distance from the plants, in order to not have to move them too often.

Weight	0.35kg
Dimensions	470x32x14.5mm
Power	Consumption: 20W, Voltage: 24V Current: 0.83A
LED Spec	Qty: 126, Power: 0.16/Led
	Yield: 120 Lumens/W
Colour	Line 1: 6500K, Line 2: 2100K Line 3: 660K
PE [350-1000]	Laboratory*: 40 µmol/s Laboratory*: 2.0 µmol/s/w
Life Time	Working: 50 000 hours
	20% loss: 30 000 hours



Cosmorrow IR

The Cosmorrow® LED IR allows you to keep the IR part of your spectrum on a separate channel.

You can now heat up your plant thanks to IR radiation, trigger flowering by using it short term at the end of the day, make your plant grow higher (increased internodes).

Weight	0.35kg
Dimensions	470x32x14.5mm
Power	Consumption: 20W, Voltage: 24V Current: 0.83A
LED Spec	Qty: 126, Power: 0.16 /Led
	Yield: 120 Lumens/W
Colour	Line 1: 660K, Line 2: 730K Line 3: 660K
PE [350-1000]	Laboratory*: 38 µmol/s Laboratory*: 1.9 µmol/s/w
Life Time	Working: 50 000 hours 20% loss: 30 000 hours



Cosmorrow UV

The Cosmorrow® LED UV allows you to keep the UV part of your spectrum on a separate channel.

UV can be used to reduce mould development, make you leaf thicker and stronger, enhance the immune system of your plant. Plant will also be more compact (shorter internodes).

Neight	0.35kg
Dimensions	470x32x14.5mm
Power	Consumption: 20W, Voltage: 24V Current: 0.83A
LED Spec	Qty: 126, Power: 0.16 /Led
	Yield: 120 Lumens/W
Colour	Line 1: 6500K Line 2: 365K Line 3: 6500K
PE [350-1000]	Laboratory*: 34 µmol/s Laboratory*: 1.7 µmol/s/w
Life Time	Working: 50 000 hours 20% loss: 30 000 hours

Secret Jardin Cosmorrow Infrared 37667

Lighting



GARDEN HIGHPRO MAXLIGHT

high performance cool shade

Air cooled reflectors such as the Max Light allow you to remove excess heat generated by artificial lighting, this can make the difference between plants just surviving and actually thriving.

A hinged air tight lid makes changing bulbs easy without having to undo any ducting.

GARDEN HIGHPRO 6" Max Light Air Cooled Reflector 04573



GARDEN HIGHPRO PROTUBE

high performance cool tube

One of the best air cooled reflectors on the market today, the PROTUBE by GARDEN HIGHPRO.

This reflector has been designed to dissipate the heat emitted by the bulb of our indoor grow room to the air flowing through the tube.

GARDEN HIGHPRO PROTUBE 125(M) 300mm 05346 125(L) 400mm 05347 150(L) 400mm 05348 150(XL) 600mm, Double Ended 05349

GARDEN HIGHPRO DOUBLEPRO

double ended bulb reflector

Designed to hold a standard DE bulb, the double pro by GARDEN HIGHPRO is an ideal match for the horti King 1000W ballast.

Secure clamping at the ends holds the bulb tightly in place throughout its lifespan.

GARDEN HIGHPRO DOUBLEPRO 37844



GARDEN HIGHPRO PEARLPRO

professional reflector

With significantly better light distribution than a conventional stuco (+10%). It decreases the size of hotspots and distributes light more homogeneously.

The PEARLPRO has better coverage so plant uniformity will be higher and more light will get to your plants.



GARDEN HIGHPRO PEARLPRO XL

adjustable xl reflector

PEARLPRO XL spreads light evenly over your area using pearl technology aluminium.

PEARLPRO XL is provided with three different sizes of spreader sticks to maximize the light distribution depending on the size of your growing area.



GARDEN HIGHPRO MATRIX

high performance tent light shade

Indoor Matrix Lumen Evolution is the latest and one of the most revolutionary reflectors on the market.

Made from pearl technology marked aluminium from Germany, the new Indoor Matrix guarantees 98% reflectivity. The shade incorporated a 125mm spigot for connecting to your extraction system if required.



EcoTechnics Large Diamond Reflector

efficient light reflection

The Diamond Reflector is an aluminium diamond shaped design, this style of reflector is often referred to as a closed-end reflector, meaning that HID lamps are enclosed on all sides by reflector walls forcing all light to be reflected downwards towards plants. Photometric Laboratory testing has shown that this style of reflector can increase light intensity by up to 50% compared to open reflector design.

Diamond Reflector 600w 00590 600w Air Cooled 02210



EcoTechnics Mini Diamond Reflector

EcoTechnics 315 Diamond Reflector 05852

mini diamond for 315W, 400W and 600W lamps

The newest addition to the diamond reflector range has been manufactured so that a 315W CDM bulb sits perfectly centrally. Used with 400W and 600W HID bulbs they produce a uniform light spread over a 1.2m square area.



EcoTechnics Cool Shade the original cool tube

This cool shade comes complete with internal reflector and small external reflector wings, has one light socket for HID lighting and is pre wired ready for use.

Please note that ALL Cool Shade reflectors MUST always be used with a suitable air extraction system.

EcoTechnics Cool Shade 5" 400mm 02230 6" 400mm 02356



Maxibright Horizon Connect

next generation 315V lighting

The Horizon connect reflector, first thing you'll notice is unique shape/size as its measures just 260mm x 210mm x 115m.

Its purpose is to be used as supplementary lighting as its wide angle throws the light out, rather than down. Although it can cover a room size of 1.2m x 2.4m, to get the most out of this space.

Maxibright Horizon Remote

315W lighting shade

The Maxibright Horizon Reflector is part of the next generation of lighting designed to help you get the very best from your CDM light.

Excellent build quality and rigorous testing as standard you can be sure your plants will lap up every last usable lumen.





Maxibright Daylight V3

maximum light intensity

Maxibright Daylight Single Reflector V3 has a 315W PGZ18 Lamp Holder included. This third generation Daylight reflector offers improved light coverage.

Dimensions (mm): 490 (L) x 440 (W) x 220 (H)

Maxibright 315 Twin Reflector

twin 315W lighting shade

Maxibright Daylight Twin Reflector is designed specifically for 315W CDM/CMH lamps so that the arc tubes are positioned to ensure the most efficient spread of light over a 1.5 x 1.5m area.

Dimensions (mm): 640 (L) x 440 (W) x 135 (H)





Sun King Vertical Parabolic

even light spread

The Sun King Parabolic umbrella shaped reflector has a high gloss white powder coated finish or dimpled aluminium. Ideal for use with grow tents to give an even distribution of light. The lamp is fitted in a vertical position and the units are supplied flat packed, fully wired for quick and easy assembly.

Sun King Parabolic White Medium 02661 Large 02660 Sun King Parabolic Silver Medium 02663 Large 02662



Sun King Parazontal Parabolic even light spread

The Sun King Parazontal umbrella shaped reflector has a high gloss white powder coated finish. Ideal for use with grow tents to give an even distribution of light.

The lamp is fitted in a horizontal position and the units are supplied flat packed, fully wired for quick and easy assembly.

Parazontal Parabolic 02697



Sun King Aero 8 Reflector

maximise your cool tube

Maximise the effectiveness of your cool tube lighting with a Sun King Aero 8.

The Aero 8 is designed to fit straight over your existing 5" or 6" Cool Shade, giving you the same temperature control benefits combined with the uniform light spread of a Sun King Reflector.

Aero 8 Reflector 04080



Sun King Great 8 Reflector

flexible bulb positioning

The Great 8 reflector has been designed so you can use any size bulb 250W, 400W, 600W and 1000W. The bulb fitting slides back and forth to place any bulb in its most effective position.

The Great 8 reflector has an excellent heat dispersion method. It has two vents at the top of the shade to let the heat out, stopping heat building up around the bulb.

Great 8 Reflector 02664



Secret Jardin Daisy

fast assembly fabric parabolic

DAISY is a cost-effective reflector. It has an advanced umbrella-type design that provides unbeatable lighting performance.

It allows the growing temperature area to be reduced and to place the lamp closer to the plants.

Secret Jardin Daisy 80cm(for 315's) 05900 60cm 05961 100cm 05962



Highlight Pro Series Lighting

full range of air cooled shades

The pro series reflectors feature a hinged fully sealed lid for efficient cooling.

The highly polished aluminium reflective surface ensures an even distribution of light across your growing area.

Highlight Pro Series 6" Small 04760 6" Medium 04622 8" Twin Lamp 04625



Cool Tube

budget air cooled lighting

This Cool Tube is an air-tight, fully sealed clear glass tube with a lamp mounting bracket in its centre.

It's perfect for removing the excess heat generated by HID grow lights without leaking unpleasant odours.

Highlight Cool Tube 5" 05268 6" 05188



Barn Reflector

budget reflector

Although this is the cheapest reflector available they offer a remarkably good reflective spread for the money.

Made from highly reflective dimpled aluminium.



T5

propagation light system

T5's used in propagation will produce even growth and bushiness with short internodes and thick stems. Even light spread and a lack of heat from the light tubes means the lamps can be moved closer to the plants as they grow bigger.

Their compact design, makes them the favourite propagation and vegetative lighting solution for many growers.

Maxibright 2ftx4 Tube 05800 4ftx4 Tube 05801 EnviroGro 2ftx2 Tube 05241 2ftx4 Tube 05243 4ftx4Tube 05242 4ftx8Tube 05262 2ft Replacement Bulb 05931 4ft Replacement Bulb 05932



Maxibright CFL Reflector

designed for CFL bulbs A reflector designed to hold CFL bulbs plugged directly into a uk plugged socket or timer.



Plug & Grow Reflector

designed for CFL bulbs

Mirror reflective open shade especially reinforced to take the weight and size of CFL bulbs up to 250W.

Air vents at the top allow heat to escape along the length of the bulb.

Plug & Grow CFL Reflector 02279





CFL Blue 6400K/ CFL Red 2700K

lower power grow and flower bulbs

The blue CFL grow light is designed for the vegetative growth cycle of your plant. The red CFL grow light is designed for the flowering growth cycle of your plant.

CFL's use less power and have a longer rated life than traditional low power incandescent bulbs.

CFL's radiate a different light spectrum from that of incandescent lamps Improved phosphor formulations have improved the subjective colour of the light emitted by CFL's across the PAR Spectrum.

Available in 125W, 200W, 250W and 300W versions.

CFL Blue 125W 05508 150W 06181 200W 05422 250w 05423 300W 05424 CFL Red 125W 06186 150W 06187 200W 06185 250W 05425 300W 05426 Dual Spectrum 250W 06182 300W 06813



CFL Lamp Holder & Lead Envirolight Hanger simple lamp holder

Lamp holder designed to hold a CFL lamp and hang it where needed. Ideal for additional light in unilluminated corners of rooms or for propagation.

Lighting

PHILIPS

MASTER



Master GreenPower 600W

T AN

dual spectrum bulb

The Philips Master Green Power 600W HPS lamp is a dual-spectrum lamp with a high 88,000 lumens output.

The lamp produces light in the orange/red part of the spectrum for excellent flowering plus a generous amount of blue for healthy plants and vegetative growth. Lumens is a measurement of total light output, not the amount of light that plants can actually use.

The Philips Master Green Power 600W HPS has lower lumens output than some other HPS lamps but it actually produces more usable light for your plants than any other making it the best lamp for growing plants that you can get.

The Philips Master Green Power 600W lamp is built to professional standards and because of this it maintains it's light output for much longer than other lamps, meaning it lasts longer between change-outs.

PHILIPS Master GreenPower 600W 400V

dual spectrum bulb

This lamp runs at 400V and should only be used with systems like the Gavita Pro 400V/ 600W HPS Complete Lighting Kit.

PHILIPS

MASTER SON-T PIA Green Power

The Philips Master GreenPower 600W/400 Volt HPS Pro EL Lamp has been designed specifically for Pro HPS 400V/600W lighting systems.

This lamp must NOT be used with any other type of lighting system. When used in a Pro HPS 400V/600W system, this lamp will outperform virtually all other 600W lamps and lasts for approximately a year!

A superb lamp, specifically for use with Pro HPS 400v/600W lighting systems only.

Produces the most umols (plant usable light) of any 600W lamp for flowering

Biggest yielding lamp 600W HPS lamp available

SYLVANIA

GroLux 600W

dual spectrum bulb

The Sylvania Grolux 600W lamp is a world renowned reliable, high performing lamp.

It is the lamp of choice for growers who are looking for a lamp that will help produce high yielding crops at an affordable price.

SVLVANIA

The Sylvania Grolux lamp has a broad spectrum output making it usable during veg and flowering stages. It produces 90,000 lumens output.

SYLVANIA GroLux 400W

dual spectrum bulb

The Sylvania Grolux 400W HPS lamp is a dual-spectrum lamp with a high 58,000 lumens output.

The lamp produces light mostly in the red part of the spectrum for excellent flowering but also produces some blue to make it also suitable for the vegetative growth stage.

This bulb can be used for both phases and thus ensures a good vegetative growth and rich, dense flowers.



SHP-TS Super flowering bulb

Affordable, reliable, and powerful. Like all of the lamps in this series, what stands out is the price, but also excellent performance values.

Sylvania is a subsidiary of Osram and has certainly made a name for itself in the world of grow lights. The lamps in the Sylvania SHP-TS series emit a large proportion of their light in the red spectrum (approx. 2050°K) and are therefore best suited for the flowering phase of most harvest crops and ornamental plants.

The manufacturer states that the lamps have an average lifetime of 30,000 hours in operation, which makes the Sylvania SHP-TS lamps not just good value, but also relatively long-lasting.

OSRAM

Vialox

flowering bulb

The popular 600W brand-name lamp sets itself apart with exceptional reliability, a high luminous flux output (up to 150lm/W) and first-class production quality.

The patented shock absorber ensures reliable ignition and preservative operation of the high-pressure discharge lamp, and the new technology also reduces gas loss in the electrode feed-through. This allows for a long life without any substantial loss of light output.

The purely red-yellow light spectrum (approx. 2000°K) of this lamp is predestined for use in the flowering phase of most cultivated plants. The blossom/flower formation is stimulated which encourages lavish growth in the plant.

OSRAM

Plantastar -T

dual spectrum bulb

The Osram Plantastar HPS lamp is one of a handful of bulbs specifically designed for the horticulture market.

The colour temperature rating of the Osram Plantastar is 2000K, which is firmly in the red spectrum. There is also a substantial amount of light in the blue spectrum to give a more rounded, balanced light for your plants.

The Osram Plantastar uses the standard E40 lamp fitting, meaning it is compatible with all the standard reflectors and 240V ballasts. As such, you can simply replace your current 600W, 240V lamps with this plant specific lamp.

It has been designed with focus on tall growing plants which may suffer from light drop-off to the lower leaves.

The Osram Plantastar gives great penetration into the canopy. This delivers high PAR light to more photosynthesis sites that boost production of sugars, leading to better harvests.



SUNMASTER

Grow+ Photonic

dual spectrum bulb

The Sunmaster 600W and 400W dual spectrum HPS grow lamp puts out both red spectrum and enough blue spectrum light to be used as a sole light source throughout all stages of growing. This eliminates the need to buy separate metal halide and HPS bulbs for the vegetative and flowering / fruiting stages of plant growth.

124/125

Sunmaster grow lights in particular are specifically tailored for the horticultural market and are some of the best lamps around for growing purposes.

Their range of dual spectrum bulbs are an economic and easy to use solution for growers.



Lighting

009

SUNMASTR Cool Deluxe grow bulb

spectral distribution.

Sunmaster Cool Deluxe Grow Lamps emit light from 5000° to 6500°K, imitating the natural look of daylight. They are an ideal light source for the seedling and vegetative stages of plant growth, while still emitting a wide

The 600W Sunmaster Metal Halide Cool Deluxe Lamp has a lumen output of 55000K all of which is in the blue part of the spectrum making them ideal for vegetative growth creating plants with shorter internodes setting them on a course to heavy yields.

The Sunmaster range of lamps has proven to be excellent value for money providing reliability and quality lamps time and time again. Horticultural lamp light output will decrease with use.

We recommend that growers replace lamps at regular intervals to maintain optimum yields.

SUNMASTER 600W SON-T

red spectrum

Sunmaster 95,000 lumens Son T Plus -Electronic ballast friendly - 10% more light than a standard. HPS lamp - Red output for stem elongation and flowering - Long life and economical - Ideal for Metal Halide Conversion Lamps.

10V produc

SUNMASTER high output HPS lamps are high pressure sodium lamps designed to deliver 10% more light than standard HPS lamps.

This extremely energy-efficient plant grow lamp provides more energy which is essential for optimized photosynthetic response.

The Sunmaster range of lamps has proven to be excellent value for money providing reliability and quality lamps.

600W Dual Spectrum

dual spectrum bulb

The Horti King 600W duel spectrum HPS bulb produces a spectrum of light that is suitable for your plants in both the growing and flowering stages of its life.

Producing 90000 lumens of light with a 2000K colour temperature. Duel spectrum lights have more blue in the spectrum than traditional red spectrum HPS bulbs and this helps the formation of more compact plants with shorter internode distances.

The bulb is priced to enable it to be sold with budget light kits while still producing good overall results for the hobby grower.

Sunlin Pro Dual Spectrum

dual spectrum bulb

The Sunlux Pro Dual Spectrum 400W and 600W bulbs are aimed at the budget end of the bulb market. However the quality of the bulb far outweighs the cost.

Sun I 🛱

They will fit into any E40 reflector fitting and will work with all types of 400W and 600W ballasts.

Sun UX **Metal Halide** grow bulb

Sunlux Metal Halide lamps are fantastic for growers who want to avoid plants stretching.

600W

The plant, when under a Sunlux metal halide lamp, remain shorter and develop more roots therefore allowing a sturdier plant with a large root system allowing an increased uptake of water and nutrients.

PHILIPS 315W CDM 942

-

4200K grow bulb

Superior colour quality. Crisp white light. 4200K colour temperature. High 92CRI. 34,300 initial lumens (109lm/w). High 90% lumen maintenance at 8,000hr. High 85% PPF maintenance at 20.000hr.

PHILIPS

MASTER

Color CDM-TP MW

Unique Open Rated Lamp construction reduces radiant heat from the arc tube and is suitable for open fixture use.

Until the lamp has achieved a least 10 hours of operation, the lamp should never be turned off longer than 2 minutes, including the installation test. In case this happens, you will have to wait one hour before switching on again. Not doing so may lead to ignition problems.

PHILIPS

315W CDM 930 3000K flower bulb

Philips Elite Agro 315W T12 Ceramic Metal Halide Lamp 3100K is a flowering, budding spectrum lamp designed for maximum efficiency. Philips Elite Agro 315W T12 Lamp provides a compact and efficient metal halide solution for the horticulture market.

This lamp, combined with the efficient ballast, provides outstanding growth light performance over the life of the product. Superior colour quality. Crisp white light. Incredibly high 1.95 PPF (photosynthetic photon flux) per watt per second light source. 3100k colour temperature. High 92 CRI. 33,000 initial lumens (105Lm/W). High 90% lumen maintenance at 8,000hr. High 85% PPF maintenance at 20.000hr.

Unique Open Rated Lamp construction reduces radiant heat from the arc tube and is suitable for open fixture use.



Daylight 315W CMH Agro 3K 3K CMH agro

This lamp uses innovative new ceramic metal halide chemistry for enhanced plant lighting. This prevents stretching and encourages much higher quality growth.

The lamps are Ideal as both supplementary and standalone lighting. Under these lamps the plant produces more essential oils, terpenes and flavonoids to enhance the flavour aroma and size.

The Agro lamp is incredible for the plants flowering stages.





ibright 315W CMH











Horti Gear Magnetic Light Kits

great value magnetic light kit

The Horti Gear light kit comes in a 600W and 400W version. The kit comes complete with either a sunlux pro duel spectrum lamp or a sunlux pro metal halide lamp. The reflector is a standard barn shade with a 4m cable.

The kit is our most popular Horti Gear magnetic ballast so that quality is not compromised.

Horti King Digital Light Kits

great value digital light kit

The Horti King digital light kit is an affordable digital light kit with matching ballast, bulb and shade.

Reliable and quiet, the ballast can be used at 250W, 400W, 600W and 660W boost.

The ballast should be used with a matched wattage bulb for best results.

Using the boost in the last weeks of flower gives the flowers the extra light the need.

Horti Sun 315W Light Kits

great value magnetic light kit The Horti Sun 315W light kit uses our

magnetic ballast to power a CMH Bulb.

The kit can come with any of the shades we supply by using an E40 conversion adaptor.

The bulbs come in a grow and flower version for full control of your plants growing stages.

315W lights produce an impressive amount of PAR spectrum light for the amount of power they consume.

Maxibright Daylight Kits

horizon connect kit

Powered by the Maxibright Daylight 315W power pack the Focus Remote & Focus Connect reflectors are compact, highly reflective and suitable for use as standalone lighting or to supplement other lighting.

The Daylight 315W power pack fixes simply to the Focus Connect utilising two fixing points. Plug the shortened IEC connectors together and it's ready to use; a true plug & play product.

The Focus Remote can be used as a standard reflector with the ballast wall mounted.

The coverage of both reflectors is ideally 1m² Available with 4K and 3K CDM bulb.

Call for kit variations

Maxibright 315W Daylight Kit inc 930 Bulb (flower) 05584 inc 942 Bulb (Grow) 05583



PowerStar Pro Contactor

trouble free light switching

The EcoTechnics PowerStar Pro Contactors have been specifically designed to allow the timed switching of horticultural lighting and appliances.

In use the PowerStar Pro Contactor is very simple and should provide years of trouble free use. All Powerstar Pro's have 1m cable for the sockets and plugs.

PowerStar Pro Contactor 4 Way Pro (standard timer) 04500 4 Way Pro (Grasslin) 04499 6 Way Pro(Grasslin) 02650 8 Way Pro (Grasslin) 01742



PowerStar Contactor

budget light switching

The EcoTechnics PowerStar Contactors have been specifically designed to allow the timed switching of horticultural lighting and appliances.

In use the PowerStar Contactor is very simple and should provide years of trouble free use.

PowerStar Contactor 1 Way 01928 2 Way 01739 3 Way 01929 4 Way 01740



The Boss Contactor

grasslin timed

Housed in a robust metal enclosure the boss timer will control the switching of up to 6 x 600W lights.

Incorporating an industry leading grasslin timer, The Boss contactor will give you a long and trouble free switching of your chosen ballast and lamp configuration.

The Boss Contactor 4 Way 02646 6 Way 02647



Sentinel Contactor

wall or tent pole mounted

Sentinel CS4 4 Way 13amp and CS8 8 Way 26 amp control units are a IMO relav with a Grasslin precision timer in a robust high quality powder coated metal enclosure.

Includes individually switchable sockets with illuminated switch.

Wall or grow tent mountable for easy use. Manufactured in the UK.



24hr Optimum Timer

single light timer

Unless you want to be in and out of your grow room every time your lights need turning on and off, a timer is an absolute necessitv. Optimum timers represent the best that money can buy and are definitely a worthwhile investment for every grower.



lug

grow

Plug & Grow Timer

single light timer

The plug and grow timer makes it possible to switch on lights without having to buy expensive contactors.

With a built in 22 amp switching this timer can run up to 1x1000W HPS Ballast.



Plug in Dimmer

fan speed control Plug In fan controller cheap & effective way of controlling your intake or out-take fan.

Variable adjustment.

The Boss Contactor 4 Way 02646 6 Way 02647

24hr Optimum Timer 00219

Plug & Grow Timer 02610





Air Movement

The Original Can-Fan L'authentique

GENERATION 108



Max-Fan powerful & efficient

Max Fan is a unique diagonal tube fan, designed to be efficient, powerful and less noisy.

The rotor stator system makes Max Fan the most efficient fan on the market, taking into consideration both air performance and power consumption.

3

					Compatible Filters					
Code	Product	Capacity (m3/h)	Width	Length	Amps	Watts	Can Original	38 Special	Can-Lite	In-line
36298	200	920	201	225	0.5	100	350	W/50	800	1000
36299	250	1625	250	215	0.8	160	100	W/100	1500	1500
05964	250	1740	250	278	1	180	125	W/125	2000-1500	1500
00000	280	2360	281	308	1.6	270				
36300	315	2360	315	308	1.6	270	150	W/150	2500	2500
36301	315нр	3510	315	351	3.2	530			3500	3000
36302	355	2580	354	396	1	150			3000	3000
04524	355нр	4940	354	396	5.4	960			4500	

Dimensions - mm HP - High Power

Iso-Max

Max Fan PS integrated into a silencer

By far the most popular fan in the range the Can-Fan Iso-Max is a proven efficient in-line fan designed to run as quietly as possible.

A Max-fan is integrated into a silencer. Foam is used to reduce the fan noise and it is encased into a galvanised outer casing.

								Compatil	Die Fliters	
Code	Product	Capacity (m3/h)	Width	Length	Amps	Watts	Can Original	38 Special	Can-Lite	In-line
04014	1503S	410	231	680	0.2	51	333		425s	
04013	2003S	870	199	600	0.5	121	350	W/50	800	
04449	150	410	231	680	0.2	51	333		425s	
03147	200	870	199	600	0.5	121	350	W/50	800	
04015	250	1480	315	680	0.9	150	100	W/100	1500	1500
04016	250HP	2310	354	680	1.7	273	150	W/150	2500-2000	2500
04017	315	2380	354	680	1.7	265	150	W/150	25000	2500
04045	315нр	3260	354	680	3.2	512	-		3500-3000	3000
36099	355нр	4800	432	995	5.23	962	-		4500	

Dimensions - mm 3S - 3 speed HP - High Power

GENERATION 028







Max-Fan Pro

powerful & compact

The new Max Fan Pro Series - the second generation of Max-Fan - is a diagonal fan, using the 3D rotor-stator system, which has been improved to be more efficient and quieter.

The design of the fan makes it very compact and easy to use, as the ventilation duct adapter is integrated into the mounting brackets. You just have to mount the adapter first and then fasten the fan with two screws.

The fan incorporates a 2 speed toggle switch for manual speed adjustment.

The entire range meets the mandatory ERP requirements for all EU marketed fans.

						Capacity (m3/h)			Compatible Filters			
Code	Product	Width	Length	Amps	Watts	1	2	3	Can Original	38 Special	Can-Lite	In-line
04446	150	150	309	0.3	46	600	470	-			600	
04447	200	200	325	0.6	117	1220	793	-	375	W/75	1000	
04626	250	250	215	0.8	136	1660	1224	-	100	W/100	1500	
05501	315	315	300	2.1	436	3180	2753	2115			3000	

Dimensions - mm

Q-Max

Max Fan PS integrated into a silencer

Q-Max incorporates the German made Max-Fan Pro Series, part of the Can Fan range, into a sound insulated metal casing. This unique combination provides you a very quiet in-line mixed flow fan and the best aerodynamic efficiency. With its patented 3D rotor-stator system, the Q-Max conveys significantly stronger air volumes at medium to high pressure values.

The silent operation of the Q-Max is the result of the high quality insulation of the metal casing, the uniform turbulence free air flow and the smooth three speed control.

The entire range meets the mandatory ERP requirements for all EU marketed fans.

							i <mark>city</mark> (r	n3/h)	Compatible Filters			
Code	Product	Width	Length	Amps	Watts	1	2	3	Can Original	38 Special	Can-Lite	In-line
05125	150	272	676	0.3	47	555	513	457			425s - 600	
05126	200	313	680	0.6	121	1120	943	686	375	W/75	1000	
05127	250	327	685	0.9	180	1590	1420	1166	100	W/100	1500	
05128	315	392	685	2	430	3015	2535	1984	-	-	3000	-

Dimensions - mm

Air Movement

The Original

'authentique

GENERATION 003



Max-Fan Pro EC

powerful, silent & compact

Max Fan Pro Series with EC technology is a turbine or mixed flow fan with the highest aerodynamic efficiency and the best energy consumption level due to the new EC technology motor, together with the 3D rotor stator system.

The powerful but silent operation of Max Fan Pro Series EC is the result of the uniform turbulence free air flow and the continuous, totally noise free plug and play Can Fan EC Controller for speed or speed & temperature. Up to 10 EC motor fans can be connected and controlled at once using the Can Fan EC Controller.

				Compatible Filters						
Code	Product	Capacity (m3/h)	Width	Length	Amps	Watts	Can Original	38 Special	Can-Lite	In-line
36257	150	776	150	309	0.6	67	366 - 350		800	600
36303	200	1301	200	325	1	121	100 - 375	W/100	1500	1000
36304	250	2175	250	215	2.1	304	150	W/150	2000	
36305	315	2956	315	300	2	282			3000	
36306	355	3308	355	350	1.8	261			3500 - 3000	

Dimensions - mm

Q-Max EC

Max Fan PS EC integrated into a silencer

A diagonal fan with the highest aerodynamic efficiency and the best energy consumption level due to the new EC technology motor, together with the 3D rotor stator system.

The powerful but silent operation is the result of the uniform turbulence free air flow and the continuous, totally noise free plug and play Can Fan LCD EC Fan Controller. In order to control fans, amperage is no longer relevant.

								Compatil	ble Filters	
Code	Product	Capacity (m3/h)	Width	Length	Amps	Watts	Can Original	38 Special	Can-Lite	In-line
05166	150	716	272	600	0.6	63	350 - 366	W/50	600 - 800	
05167	200	1203	313	600	1	120	375	W/75	1000	1000
05168	250	2000	327	600	2	307	150	W/150	2000	1500
05169	315	2850	392	600	1.9	287	-		3000	
05170	355	3247	432	600	1.8	266			3000	2500
36112	355нр	4800	432	995	3.32	720	-	-	4500	

Dimensions - mm HP - High Power



Can-Fan RK

economic in-line tube fan

Can Fan RK plastic tube fan, is an economic backward centrifugal extractor, using a resistant, maintenance free plastic housing.

The extractor is voltage controllable and as a protection for the motor, it is equipped with a thermal switch, that turns off the motor in case of overheating.

						Compatible Filters	
Code	Product	Capacity (m3/h)	Amps	Watts	Can Original	38 Special	Can-Lite
02575	100	240	0.3	55	9000pl		
02543	100L	270	0.3	70	9000pl		
02576	125	310	0.3	60	250		300
02544	125L	350	0.3	70	250		300
02577	150	470	0.3	70			425s
02578	150L	760	0.5	105	366 - 350	W/50	800
02579	200	820	0.5	100	366 - 350	W/50	800
02580	250	830	0.5	100	366 - 350	W/50	800



Can-Fan RKW

economic in-line tube fan

Can Fan RKW is an economic backward centrifugal extractor, using a resistant, maintenance free plastic housing.

The extractor uses a 3 speed motor with temperature control integrated, so it is not voltage controllable.

As a protection for the motor, it is equipped with a thermal switch, that turns off the motor in case of overheating.

						Compatible Filter	s
Code	Product	Capacity (m3/h)	Amps	Watts	Can Original	38 Special	Can-Lite
40009	100	270	0.3	56	250 - 9000pl		300PL
40010	125L	370	0.3	60	333		300pl
40011	150	460	0.3	60			425s
40012	150L	800	0.6	130	366 - 350	W/50	800
40013	200	830	0.6	130	366 - 350	W/50	800
40014	250	840	0.6	127	366 - 350	W/50	800



Can-Fan RS

economic in-line tube fan

Can Fan RS metal tube fan, is an economic backward centrifugal extractor, using a resistant, maintenance free metal housing.

The extractor is voltage controllable and as a protection for the motor, it is equipped with a thermal switch, that turns off the motor in case of overheating.

			Compatible Filters				
Code	Product	Capacity (m3/h)	Amps	Watts	Can Original	38 Special	Can-Lite
40001	100	200	0.3	54	9000pl-2600pl		150pl
40002	100L	250	0.3	68	9000pl		-
40003	125	300	0.3	55	250		300pl
40004	125L	340	0.3	67	-		300pl
40005	150	470	0.3	67			425s
40006	150L	630	0.4	93			600
40007	200	810	0.5	100	366 - 350	W/50	800
40008	250	890	0.5	100	350	W/50	800



Can-Fan RK(L)S

economic in-line tube fan

Can Fan RKLS is an economic backward centrifugal extractor, using a resistant, maintenance free plastic housing.

The extractor uses a 4 speed motor with speed switch integrated, so it is not voltage controllable. As a protection for the motor, it is equipped with a thermal switch, that turns off the motor in case of overheating.

			Capacity	y (m3/h)		Compatible Filters				
Code	Product	Amps	Watts	1	2	3	4	Can Original	38 Special	Can-Lite
06167	100LS	0.3	56	270	210	190	170	250 - 9000pl		300pl
36295	125LS	0.3	60	370	335	300	265	333		300pl
06168	150s	0.3	60	460	420	390	355			425S
36296	150LS	0.6	130	800	740	680	540	366 - 350	W/50	800
06169	200s	0.6	130	830	790	750	635	366 - 350	W/50	800
06170	250s	0.6	127	840	800	760	670	366 - 350	W/50	800





Can-Lite

compact high quality odour removal

The Can-Lite has been developed with ease of installation, durability and effectiveness in mind. The can-Lite is manufactured using the same proven packed bed design as the original Can-Filter but utilizes high quality virgin activated Australian RC light weight granular carbon. Airflows start at 150m3/hr and includes filters all the way up to an impressive 4500m3/hr. The recommended lifespan of these filters is 18 months depending on humidity and odour concentration in the room.

The larger filters are a compact 1metre long so they do not take up precious room in your growing area and are light enough to hang from standard 48kg hangers.

	Code	Product	Material	Carbon	Length	Weight (kg)	Diameter	Capacity(m³h)	Flange
	04501	Can-Lite 4500	Steel	Lite	1000	36.5	500	4500	355
-	A4053	Can-Lite 4500	Steel	Lite	1000	36.5	500	4500	315
- Angeler - 1 - 2 - 2 - 2	05100	Can-Lite 3500	Steel	Lite	1000	33.5	450	3500	355
	02561	Can-Lite 3500	Steel	Lite	1000	33.5	450	3500	315
-	05792	Can-Lite 3500	Steel	Lite	1000	33.5	450	3500	250
-	02562	Can-Lite 3000	Steel	Lite	1000	26	400	3000	315
	03098	Can-Lite 3000	Steel	Lite	1000	26	400	3000	250
	06128	Can-Lite 2500	Steel	Lite	1000	23	350	2500	315
	02563	Can-Lite 2500	Steel	Lite	1000	-23	350	2500	250
	02564	Can-Lite 2000	Steel	Lite	1000	19	300	2000	250
	36281	Can-Lite 2000	Steel	Lite	1000	19	300	2000	200
	03100	Can-Lite 1500	Steel	Lite	750	15.5	300	1500	250
	02565	Can-Lite 1500	Steel	Lite	750	15.5	300	1500	200
	03099	Can-Lite 1000	Steel	Lite	500	11	300	1000	250
	02566	Can-Lite 1000	Steel	Lite	500	11	-300	1000	200
	36283	Can-Lite 800	Steel	Lite	330	5 🗢	300	800	250
	03064	Can-Lite 800	Steel	Lite	330	5	300	800	200
	06151	Can-Lite 800	Steel	Lite 🥟	330	5	300	800	150
\sim	02689	Can-Lite 600	Steel	Lite	475	4	200	600	150
	02690	Can-Lite 425	Steel	Lite	350	4	200	425	150
1	02691	Can-Lite 425PL*	Plastic	Lite	600	2.2	145	425	125/100
	02692	Can-Lite 300PL*	Plastic	Lite	450	1.8	145	300	125/100
	02693	Can-Lite 150PL*	Plastic	Lite	250	9 1.2	145	150	125/100

Dimensions - mm

* Flanges must be bought for these filters. See page138

Am 136/137

Can-Origina

long life quality odour removal

The Original CAN-Filter is designed for the control of odours and other gaseous contaminants.

Built with a proven packed bed design and pelletized virgin activated carbon, this line of time tested air filters sets the standard for long life, consistent performance and low pressure drop.

Rated at a conservative 0.1 second contact time, the Original CAN-Filter provides excellent value and confidence.

Code	Product	Material	Carbon	Length	Weight (kg)	Diameter	Capacity(m ³ h)	Flange
05052	Can 150	Steel	Pelletized	1500	75	400	2100	315
05350	Can 150	Steel	Pelletized	1500	75	400	2100	250
40018	Can 150	Steel	Pelletized	1500	75	400	2100	200
00428	Can 125	Steel	Pelletized	1250	61	400	1700	315
04663	Can 125	Steel	Pelletized	1250	61	400	1700	250
40019	Can 125	Steel	Pelletized		61	400	1700	200
00427	Can 100	Steel	Pelletized	1000	50	400	1400	315
04523	Can 100	Steel	Pelletized	1000	50	400	1400	250
36284	Can 100	Steel	Pelletized	1000	50	400	1400	200
02534	Can 375	Steel	Pelletized	750	39	400	1000	315
00426	Can 375	Steel	Pelletized	750	39	400	1000	250
05793	Can 375	Steel	Pelletized	750	39	400	1000	200
40020	Can 350	Steel	Pelletized	500	27	400	713	315
40021	Can 350	Steel	Pelletized	500	27	400	713	250
36289	Can 350	Steel	Pelletized	500	27	400	713	200
00425	Can 366	Steel	Pelletized	660	21	300	700	200
02533	Can 366	Steel	Pelletized	660	21	300	700	150
40022	Can 333	Steel	Pelletized	330	11	300	350	200
02055	Can 333	Steel	Pelletized	330	*1 1	300	350	150
40023	Can 250	Steel	Pelletized	350	6 7	200	250	125
04448	Can 9000PL*	Plastic	Pelletized	600	3.8	145	200	125/100*
04890	Can 2600	Steel	Pelletized	450	2.8		156	125
01430	Can 2600PL*	Plastic	Pelletized	450	2.8	145	156	125/100*
01897	Can 1500PL*	Plastic	Pelletized	250	1.8	145	.75	125/100*



* Flanges must be bought for these filters. See page138

Can In-Line Carbon Filter

in-line odour removal

CAN In-line Carbon Filters are made from Can's lightweight, high grade carbon and are designed to fit directly into in-line in runs of ducting, rather than at the point of extraction.

They use the lightweight version of CAN Filter carbon that will last for around 18 months (CAN have a lightweight type and a pelletized type – the pelletized type lasts longer but is significantly heavier).

Some growers use them as a belt and braces secondary filter, but as long as you match them with the correct fan and airflow, they are fine to use as a primary filter. As the carbon used is Can's lightweight type, they will not affect the airflow too much.

Code	Product	Material	Carbon	Length	Weight (kg)	Diameter	Capacity (m³h)	Flange
05136	In-line 3000	Steel	Lite	1265	40.5	465	3000	315
05134	In-line 2500	Steel	Lite	1265	34.5	415	2500	250
05135	In-line 2500	Steel	Lite	1265	34.5	415	2500	315
05132	In-line 1500	Steel	Lite	1025	24	365	1500	200
05133	In-line 1500	Steel	Lite	1025	24	365	1500	250
05130	In-line 1000	Steel	Lite	775	17	365	1000	200
05131	In-line 1000	Steel	Lite	775	17	365	1000	250
36258	In-line 600	Steel	Lite	605	10	315	600	125
05129	In-line 600	Steel	Lite	605	10	315	600	150
40024	In-line 425	Steel	Lite	870	7.5	300	425	100
40023	In-line 425	Steel	Lite	870	7.5	300	425	125
36262	In-line 300	Steel	Lite	720	7	300	300	100
36261	In-line 300	Steel	Lite	720	7	300	300	125

Product

Silencer

Code

05674

05367

36278

36277

05368

36272

05369

36269

05673

05366

05887

Material

Steel

Lenath

1000

1000

450

450

450

450

500

500

500

500

500

Dimension - mm

Can Silencers

When silence is a must you can't go far wrong with these Can-Filter Silencers. They have been carefully tested and approved for use with most extractor fans.

Can Flanges

spare flanges

The plastic flanges (100/125) install via an easy snap on, tool free, connection forming a perfect seal with Can-Filters products. Use with the Original and Lite plastic filters.

Can Plastic Flange 100mm 02695 125mm 02694



Diameter

380

380

180

180

300

300

380

380

380

500

500

Flange

250

315

100

125

150

200

200

250

315

315

355

Can 38 Special Carbon Filter budget original filter

The Activated Lite Carbon we use called CKG 48, is only provided by our long-term trustworthy partners.

The feature that makes Lite carbon so effective in filtering the air, is the micro-meso pores structure, that is perfectly adapted to its use.



Code	Product	Material	Carbon	Length	Weight (kg)	Diameter	Capacity(m³h)	Flange
40026	38 Special 150	Steel	Lite	1500	62	380	2100	200
36290	38 Special 150	Steel	Lite	1500	62	380	2100	250
40027	38 Special 150	Steel	Lite	1500	62	380	2100	315
40028	38 Special 125	Steel	Lite	1250	53	380	1700	200
36291	38 Special 125	Steel	Lite	1250	53	380	1700	250
40029	38 Special 125	Steel	Lite	1250	53	380	1700	315
40030	38 Special 100	Steel	Lite	1000	41	380	1400	200
05970	38 Special 100	Steel	Lite	1000	41	380	1400	250
40031	38 Special 100	Steel	Lite	1000	41	380	1400	315
40032	38 Special 75	Steel	Lite	750	27	380	1000	200
36293	38 Special 75	Steel	Lite	750	27	380	1000	250
40033	38 Special 75	Steel	Lite	750	27	380	1000	315
40034	38 Special 50	Steel	Lite	500	23	380	713	200
36294	38 Special 50	Steel	Lite	500	23	380	713	250
40035	38 Special 50	Steel	Lite	500	23	380	713	315

Dimensions - mm

Can Carbon Pre-Filter

spare pre filter covers

Very low air resistance, easily changed. MERV-5 mesh blocks pollen, dust and other particulate from entering filter. Available in sizes for all filters. A clean Can-Filters Pre-Filter is an excellent way of extending the working life of your Can-Filter.



Code	Product	Code	Product
05021	Pre-Filter for Can-Lite 4500m3 Carbon Filter	05022	Pre-Filter for Can-Lite 3500m3 Carbon Filter
05023	Pre-Filter for Can-Lite 2500m3 Carbon Filter	05089	Pre-Filter for Can-Lite 3000m3 Carbon Filter
05090	Pre-Filter for Can-Lite 2000m3 Carbon Filter	05091	Pre-Filter for Can-Lite 1500m3 Carbon Filter
05092	Pre-Filter for Can-Lite 1000m3 Carbon Filter	05093	Pre-Filter for Can-Lite 800m3 Carbon Filter
05094	Pre-Filter for Can-Lite 600m3 Carbon Filter	05095	Pre-Filter for Can-Lite 425Sm3 Carbon Filter
05096	Pre-Filter for Can-Lite 425m3 Carbon Filter	05097	Pre-Filter for Can-Lite 300m3 Carbon Filter
05098	Pre-Filter for Can-Lite 150m3 Carbon Filter	05265	Pre-Filter for CAN 100bft

Dimensions - mm

Am 138/139

<image>

Can Fan 4A Satellite

4A transformer fan speed controller

100% compatible with Iso-Max and Max Fan 1 speed 6 step transformer - Noiseless speed control - Plug and play Full control in combination with EC Fan Controller

The Iso-Max Satellite controller utilizes the 13 function Can fan LCD EC Fan controller to drive its 2 output, 6 step transformer.

Each slave unit is rated at 4 Amps But able to power 2 high power 315Ø Iso-Max fans with no humming or vibration.

Up to 5 slave units can be daisy chained from 1 LCD controller and both AC and EC fans can be run from a single fan controller.

When used on its own, it will act as a noiseless 6 step fan speed controller.

All these functions can be set:

Temperature day • Temperature hysteresis day • Humidity day • Humidity hysteresis day • Minimum speed day • Maximum speed day • Temperature night • Temperature hysteresis night • Humidity night • Humidity hysteresis night • Minimum speed night

Maximum speed night
 Negative pressure setting
 Switch sensor level
 Switch over time day/night

settings

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Speed Control & Negative Pressure

Can-Fan Digital EC Fan Controller

full feature environmental control

Can Fan introduces LCD EC Fan Controller, an advanced climate controller with LCD Screen, that allows you set temperature and humidity, besides other interesting functions like hysteresis, negative pressure, maximum and minimum speed of CAN Fan EC extractors.

Total Control & Negative Pressure

The Can Fan EC Controller works only in conjunction with Can Fan EC extractors, built with most modern technology, being more energetically efficient, and guaranteeing more power and less electrical consumption.

Can Satellite Controller 37210







GORILLABOX Acoustic Fan

torin motor fans

The **GORILLABOX** acoustic box fan is one of the quietest and most compact on the market. It contains a high-quality UK manufactured Torin Sifan squirrel cage fan (unlike many budget box fans that use significantly cheaper/louder Chinese motors) lined with 12mm superior soundproof acoustic foam.

The internal Motor is mounted within the Fan and is attached to the casing with lock/tight anti-vibration nuts. Housing the fan in an 18mm MDF box means it is cheaper than its metal counterpart and

Code	Product	Flow Rate (m³/h)	Sound Pressure Level (dB)	Inlet	Outlet	Weight (Kg)	Length	Width	Height	Amps	Watts
04654	150	750	44	single	single	9	330	330	330	0.9	59
04651	150	1000	53.2	single	single	26	470	470	470	1.1	73
04924	150	1500	62.1	single	single	16	390	390	420	1.6	147
05087	200	750	44	single	single	9	330	330	330	0.9	59
04649	200	1000	53.2	single	single	16	370	410	440	1.1	73
04644	200	1500	62.1	single	single	23	400	400	400	1.6	147
04646	200	2500	64.2	single	single	26	470	470	470	2.5	245
B4023	200	3250	72.5	single	single	34	540	540	540	5.5	373
04734	200	3250	72.5	twin	single	34	540	540	540	5.5	373
05593	250	1000	53.2	single	single	34	540	540	540	1.1	73

The fans listed are our most popular sizes that we sell, however if you require something NOT LISTED please contact the sales office.

the superior construction makes it air tight and quiet running for the amount of air moved.

The **GORILLABOX** acoustic box fan can be

CUSTOMISED in many ways from motor sizes to multiple inlets/outlets of many sizes, from straight through design to 90-degree (right angle) inputs/outputs and is able to have adjustable flow rates using the **GORILLABOX** or other proprietary speed controllers.

The **GORILLABOX** Fans all have glued and screwed MDF panels. The flanges are all pre-mounted with a bead of silicone sealant which is used to create a seal against the MDF to ensure peak permanence with no air leaks.







GorillaBox Fan Custom twin 6" inlet / single 6" outlet

Code	Product	Flow Rate (m³/h)	Sound Pressure Level (dB)	Inlet	Outlet	Weight (Kg)	Length	Width	Height	Amps	Watts
04647	250	1500	62.1	single	single	26	470	470	470	1.6	147
04643	250	2500	64.2	single	single	26	470	470	470	2.5	245
04645	250	3250	72.5	single	single	34	540	540	540	2.5	245
40036	250	3250	72.5	twin	single	34	540	540	540	5.5	373
04669	250	4250	66.2	single	single	34	540	540	540	6	550
04652	250	4250	66.2	twin	single	-	-	-	-	6	550
04655	315	2500	64.2	single	single	26	470	470	470	2.5	245
04648	315	3250	72.5	single	single	34	540	540	540	5.5	373
04653	315	4250	66.2	single	single	34	540	540	540	6	550
04657	315	4250	66.2	twin	single	-	-	-	-	6	550

GARDEN HIGHPRO



1 PROFAN TT Extractor Fan

2 speed, max power

An extremely reliable two speed motor made of 100% copper, designed for greater efficiency and low noise can be used as a grow room extractor fan or a grow room intake fan.

² PROFAN Axial In-line Fan

super power

The ProFan is a compact budget fan, ideal for incoming air in smaller grow tents.

The 100% copper wound motor ensures the fan runs at optimum efficiency.

Code	Product	Speed (r/min) Speed 1 Speed 2			v (m³/h) Speed 2	Power (w) Speed 1 Speed 2		
05406	TT 100	2.180	2.385	145	187	21	33	
05407	TT 125	1.950	2.455	220	280	23	37	
05408	TT 150	1.680 2.460		405	520	30	60	
04565	In-line 125	2.4	100	19	190		0	
04566	In-line 100	2.300		107		1	5	
04567	In-line 150	2.400		305		30		

1 ProFan Standard

standard 15cm clip fan

15W AC engine 2 speeds, 100% copper engine

² ProFan Professional

premium 20cm clip fan

Fixed position clip fan incorporating a direct drive magnetic motor. Low power 7.5w motor means this fan is quiet, lighter and more stable.

3 Oscillating Clip Fan

360° rotating grid for greater distribution 20W AC engine - 100% copper engine 2 speeds -

Strong clip for more stability

Code	Product	Diameter (cm)	Power (w)	Speed (T/min)	Air Flow (m ³ /h)	Speeds
04564	Standard	20	7.5			
04796	Standard	15	15	2.100	200	2+Stop
03070	Professional	15	5	2.100	215	1
37067	Professional	20	12	1.800	325	1
37136	Oscillating	25	20	2.100	305	2+Stop



Extractor Kit entry level fan/filter kit

This extractor kit comes in three sizes and is designed to be used as a budget ventilation kit for smaller tents.

The fan is the GARDEN HIGHPRO profan TT Max, the filter is a proactive carbon filter, lightweight and compact, it is made from coconut activated carbon and is matched to the air volume produces by the fan.

The free-flowing design of the filters enables them to be fitted to the fans with very little change in flow rates.

The complete kit comes in its own branded box and included inside is a fan, 5m aluminium ducting and two jubilee clips.

Available in the following sizes: 100, 125 and 150mm.





MK2 Hybrid Pro Fan Speed Controller

the most popular hybrid model

The Hybrid Controller MK2 uses a softwarebased technology, combined with a 5-step mechanical system for speed control of the ventilation system. It is designed to maintain a constant temperature, and to keep the air flow under control at all times.

The presence of a heavy duty 5 step transformer makes the Hybrid Controller MK2 the most reliable and silent controller on the market that guarantees no buzzing or humming from your fans even at the lowest speeds.

In addition, the MK2 software on the Hybrid Controller will also keep humidity in your room under control during the dark cycle – when it matters the most!

MK2 Twin Fan Controller/Slave

easy environment control

The SMSCOM Twin Fan Controller 4.5amp Mk2 controller represents a real step forward in automatic temperature control.

Unlike other controllers that simply shunt fans from idle to full speed after the temperature is exceeded, the Twin Controller automatically calculates the exact running speed for your fans to maintain the temperature you set.

This new method provides more accurate temperature control, limits fan noise and guarantees negative pressure inside the room. Simply plug in your fans set the temperature and the Pro Twin Controller will take care of the rest.

The SMS MK2 twin controller slave will daisy chain to your Mk2 controller Pro enabling multiple in and out fans from the same control unit.

MK2 Twin Fan Controller Pro

expandable environment control

The Twin Controller Pro is software controlled with MOTION FLOW. Therefore, it reacts completely differently to the usual controllers.

The Twin Controller Pro makes an evaluation for the gradual increase or decrease of your fans.

By altering the fan speed the controller will automatically find the appropriate ventilation level at which the programmed temperature is maintained.

This new technique means no more temperature fluctuations and fan noise is kept to a minimum.

In addition, the PRO software on the Twin Controller Pro will also keep humidity in your room under control during the dark cycle – when it matters the most!

MK2 Smart Fan Controller 6.5A

single fan environment control

The SMSCOM Smart Controller for single grow room fan, distinguishes itself from other types of controllers by using software. This technology has only ever been seen in the Twin Controller 4.5amp but is now available in a unit designed to control a single fan.

The Smart Controller will automatically find the correct running speed of your fan so a constant temperature is maintained.

This new technology ensures more accurate temperature control, less fan noise and longer life of your fan.

The Smart Controller is plug and play so no wiring is needed, just plug in your fan, set the desired temperature and the software inside the Smart Controller will calculate the correct running speed of your fan to accurately maintain your temperature.








Ecotechnics Evolution Digital Fan Controller

digital fan speed controller

The Evolution Digital Fan Speed Controller monitors temperature and also humidity within your grow room and constantly adjusts the speed of your extraction and intake fans to maintain optimal growing and flowering conditions.

The unit also controls a grow room heater and is compatible with the Ecotechnics Evolution CO₂ controller.

This controller can control multiple fans through each channel up to a combined load of 6 amps (per channel). The heater output will control loads up to 3kW making it compatible with most fan heaters and all solenoid controlled gas heaters.

The Evolution is a more expensive unit than some other options but has superior features and technology so the extra outlay is easily justified for those wishing to have maximum control over their environmental variables.

Control Freak Dynamic Frequency Fan Controller

the most popular hybrid model just got an upgrade

Cut energy costs & prolong the life of fans without any buzzing! Get your hands on a Control Freak!

It's a real smooth operator! It won't clip or distort your wave form like other AC fan controllers – it changes your frequency. This means fans last longer, you save energy and there's no noise – not even buzzing - it's freaky!

It's easy to reach and stay within your target temperature - there are 90 fan speeds settings (from 10 - 100%)! Your fan will move through speeds smoothly.

For complete control, you can change your bandwidth (hysteresis). Set a tight bandwidth for precise temperature control. Or set a loose bandwidth for a smoother speed.

You use far less power at a slower speed - your power use drops by as much as your fan speed. So when running fans 50% slower, you use 50% less power. Most fan controllers use way more power than this!

You get 90 speeds from 10% - 100%! It's easier to reach your target temperature and fans run smoothly!

Control Freak Intelligent Fan Controller

temperature driven speed control

The Control Freak Intelligent Fan Controller could not be easier to use, with its 'Plug & Play' design and two modes of operation.

You can use it as a manual fan speed controller or use an additional 5m temperature probe to operate the unit as a fully automatic speed controller.

The probe allows you to use a bespoke software system and gives 50 different speed settings to maintain your grow room.

This controller has smooth speed control, giving a more accurate and a quieter operation.

The temperature adjustment when using the probe his highly accurate with an adjustment of +/- $1^{\circ}C$.







Floor Fan

powerful uplift floor fan

The fan can be titled for a perfectly directed breeze. The cage can be titled around the horizontal axis so that it is pointing in the desired direction, no matter what direction a cool breeze is needed. Available in sizes from 225mm to 500mm.

Highlight Gorilla Floor Fan 10"04928 14" 04560 16" 04561 18" 04562 20" 04563 GARDEN HIGHPRO Floor Fan 10"04928 14" 04560 16" 04561 18" 04562 20" 04563 Highlight Floor Fan 12" 05398 18" 05985



Highlight 16" Oscillating Pedestal Fan

A sturdy yet portable pedestal fan. Featuring a 16 inch head, the fan has 3 speed settings and is height adjustable to help you set the perfect level and intensity of coolness.

What makes this model especially unusual is its unique oscillating option which can move 120 degrees side-to-side.



Highlight 16" Oscillating Wall Mounted Fan

With whisper quiet operation and 3 speed settings, this oscillating wall mounted fan from Highlight is ideal for moving air around your grow groom while reducing the floor space required.

Highlight 16" Wall Mounted Fan no remote 04731 remote 05088



Highlight 12" Rotating Box Fan

Highlight 30cm box fan is very practical thanks to its thinness, the Box Fan fan can to be deployed in small spaces.

This fan is equipped with a rotating grill to allow a large air diffusion.

body measuring 20cm, making this clip fan ideal for moving air without taking up needed space. Fan blades are enclosed with a metal

The main difference with these fans is the attachment, the Monkey Fan pivots from a rubber mount which ensures a non-slip attachment to grow tent poles. There's a metal hook which connects the fan to your grow tent pole.

grid small enough that fingers cannot access.

Secret Jardin Monkey Fan

This 15cm/6 inch Fan has been built specifically for use in grow tents and rooms. Equipped with a standard fan clip or a pole mounting system for easy fixing to grow tents. The fan blades measure 15cm with the entire

pole mounted clip fan

The Monkey Fan was designed for use in tents with poles measuring 16-21mm but with a little hook bending this can be used in tents with 25mm poles. A 13w motor ensures the fan runs quietly and reliably without hugely increasing electrical spend.



Monkey Fan 13W 05468 16W 05840 20W 0SC 05502 30W 05519



***100**x5m ***125**x5m ***150**x5m ***200**x5m ***250**x5m ***315**x5m ***355**x5m ***100**x10m ***125**x10m ***150**x10m ***200**x10m ***250**x10m ***315**x10m ***355**x10m

KinQuiet Ducting

KinQuiet is super silent, and super effective – helping to reduce any noise produced by your extraction system. It's time to ditch your old ducting and get some KinQuiet to help keep your installation whisper quiet.

KinQuiet Ducting 5m 150mm 37343 200mm 37786 150mm 37342 250mm 05789 10m 200mm 37341 250mm 37339 315mm 37340



GorillaBox Combi/Aluminium Ducting

GorillaBox ducting is available in three ply aluminium foil and PVC coated combi ducting for additional strength and resilience.

Available from stock in diameters up to 355mm, it comes in 5m and 10m lengths as standard



Acoustic Ducting

A high quality, flexible aluminium ducting with a perforated inner layer and an acoustically transparent plastic layer to encapsulate the fibreglass.

The noise reducing insulation limits break-out noise from the duct and acts as a fan silencer. For best results use on both the input and output sides of your extractor fan.

Acoustic Ducting Call Highlight or check the Portal for sizes and codes



Pro-Swirl Air Diffuser

The Pro-Swirl Air Diffuser is used in conjunction with a hanging fan to de-stratify the air in a room producing a more even spread of temperatures.

It can also be used on the end of your supply air ducts to reduce cold spots in winter.

Available from 100mm to 315mm.

Pro-Swirl Air Diffuser 100mm 06029 125mm 06030 150mm 06031 200mm 06032 250mm 06033 315mm 06034





Fast Clamp

Fast Clamp 100mm 02258 125mm 02259 150mm 02260 200mm 02261 250mm 02262 315mm 02263



Flexi Duct Connector

Flexi Duct Connector Male 100mm 02439 125mm 02440 150mm 02441 200mm 02442 250mm 02443 315mm 02444 Flexi Duct Connector Female 100mm 06188 125mm 06189 150mm 05820 200mm 05796 250mm 05797 315mm 05798





Metal 45° Bend

Metal 45° Bend 100mm 02872 125mm 02873 150mm 02874 200mm 02875 250mm 02876 315mm 02877



Equal T Piece 100mm 01293 125mm 02424 150mm 01294 200mm 01295 250mm 01296 315mm 01297



Reducer

Metal Reducer 125-100mm 01896 150-100mm 02512 150-125mm 01720 200-100mm 02421 200-125mm 02513 200-150mm 01459 250-150mm 02572 250-200mm 01719 315-200mm 02422 315-250mm 02056 355-315mm 35989 Plastic Reducer 125-100mm 02251 150-100mm 06041 150-125mm 02253



Y Piece Duct Splitter

Y Piece Duct Splitter 150mm-125mm 05179 200mm-150mm 05182 250mm-200mm 05181 315mm-250mm 01280



Metal 90° Bend

Metal 90° Bend 100mm 02866 125mm 02867 150mm 02868 200mm 02869 250mm 02870 315mm 02871



Equal Y Section

Equal Y Section 100mm 02425 125mm 02426 150mm 02532 200mm 02044 250mm 02045 315mm 02250



Metal Wall Plate Flange

Metal Wall Plate Flange 100mm 04826 125mm 04827 150mm 04828 200mm 04829 250mm 04830 315mm 04831



Metal Wall Flange

Metal Wall Flange 100mm 02878 125mm 02879 150mm 02447 200mm 02880 250mm 02881 315mm 02882



Backdraft Shutter

Backdraft Shutter 100mm 04488 125mm 04489 150mm 04490 200mm 04491 250mm 04492 315mm 04493



Jubilee Clip

Jubilee Clip 4" To 8" 02711 4" To 12" 02712 14" 37049







HydroLogic Purification Systems® specializes in a wide range of professional quality water purification products designed for use in many applications including gardening and hydroponics, residential, aquarium or commercial.

We have the most efficient water purifiers in the industry, saving you time as well as money. From a backyard gardener to a professional coffee roaster, our customers appreciate our cutting-edge technology, simple set-up, affordable pricing and of course, amazing results.

We pride ourselves on being an earth-friendly company and utilize local resources and labour for the majority of our products.

We source as many USA made components as feasible. Many of our systems, like the Evolution-RO[™] are completely manufactured in the USA. We incorporate earth friendly, green technologies like our green coconut carbon filter, made from eco-friendly coconut husks rather than traditionally mined carbon.

Evolution-R0[™]

the most efficient RO system on the planet

The EvolutionRO1000 is a reverse osmosis water filter unit.

It uses water pressure to reverse a natural physical process called osmosis. Water, under pressure, is forced through semipermeable membrane to filter out minerals and impurities.

Treated drinking water goes through the blue line. Minerals and impurities are sent to the drain with RO waste water though the black line.

The system includes a replaceable carbon pre-filter and 2 membrane elements.

The pre-filter reduces sand, silt, dirt, rust particles, other sediments, chlorine, chloramines, iron and sulphur from the incoming water supply before they enter the RO membrane elements. An optional high capacity pre-filter, the Pre-Evolution, is available to add 2 extra stages of pre-filtration. This will help further reduce the contaminants listed above as well as cut down on filter changes and maintenance of the EvolutionRO1000.

An optional De-Ionization post-filter will remove any remaining PPM of TDS in the water after passing through the RO system.

micR0-75[™] R0 Filter®

entry level RO system

An economical, entry level, micro-sized, portable reverse osmosis system, 75 gallons per day solution. Includes KDF/ carbon filter and 75 GPD membrane. Also comes with garden hose connector, ¼" shut off valve, and pressure gauge. Features 2:1 drain to product water ratio for maximum efficiency. Check out these exclusive features, nothing else compares at this price:

Replaceable carbon filter: More earth-friendly and affordable to change only the filter not the entire housing.

KDF85 media added into carbon pre-filter: For heavy metal reduction.

USA made: High rejection RO membrane built to American standards.

Metal bracket: Filter is stable on a flat surface or can be wall mounted.

Integrated pressure gauge with safe zones: Easy to monitor Automatic Shut-off Valve (ASOV): So drain line shuts down when product line is shut down.

External flow restriction: For 2:1 drain to product water ratios.

E 150/151



CARBON

SEDIMENT

customised reverse osmosis filter

The stealth RO 150 is a customised reverse osmosis water filter that can reduce up to 99% of most contaminants. This system is designed for use with hydroponic or horticultural applications. This system is built to give a maximum amount of flow from the membrane while sending less wastewater to the drain compared to similar RO filters.

It produces up to150 GPD (US Gallons per day of ultra-pure low ppm water and removes 98%+ of all contaminants from tap water.

You can choose from a 1:1 or 2:1 waste to product water ratio (both included with unit) and it has a membrane Power Flush Kit now included.

We now have updated packaging for maximum protection at the same great price as previous model!

The #1 selling filter in gardening and hydroponics for 10+ years.

Stealth R0 300™

CARBON

customised reverse osmosis filter

The stealth RO 300 is a customised reverse osmosis water filter that can reduce up to 99% of most contaminants.

This system is designed for use with hydroponic or horticultural applications. This system is built to give a maximum amount of flow from the membrane while sending less wastewater to the drain compared to similar RO filters.

It produces up to 300 GPD (gallons per day) of ultra-pure, low PPM water and removes 98%+ of all contaminants from tap water.

You can choose from a 1:1 or 2:1 waste to product water ratio (both included with unit) and it has a membrane Power Flush Kit now included.

We now have updated packaging for maximum protection at the same great price as previous model!

The #1 selling filter in gardening and hydroponics for 10+ years.

TALLBoy™

de-chlorinator and sediment filter

Hudrologic

Don't give your plants straight tap water. This filter unit is rated at up to 99% chlorine removal @7.5litres per minute flow and can clean up 90% of sediment particles above 5 microns. This filter is not designed to lower the electrical conductivity (EC) of your water.

Having chlorine and sediment free water are essential for growing healthy plants and maintaining beneficial microorganisms, bacteria and fungi in your root zone and growing medium. These microbes cannot survive in the presence of chlorine. Chlorine free water is also essential for organic compost tea brewing and any biogenic growing method.

The filter removes up to 99% of chlorine, 90% of sediment, rust, silt and volatile organic compounds and particulates down to 5 microns @ 2 GPM and easily produces 120 gallons per hour of clear water and has a filter capacity of 7,500 gallons.

smallBoy®

de-chlorinator and sediment filter

Hudrologic

Don't give your plants straight tap water. This filter unit is rated at up to 99% chlorine removal @7.5litres per minute flow and can clean up 90% of sediment particles above 5 microns.

This filter is not designed to lower the electrical conductivity (EC) of your water.

Having chlorine and sediment free water are essential for growing healthy plants and maintaining beneficial microorganisms, bacteria and fungi in your root zone and growing medium. These microbes cannot survive in the presence of chlorine. Chlorine free water is also essential for organic compost tea brewing and any biogenic growing method. The filter removes up to 99% of chlorine, 90% of sediment, rust, silt, etc and volatile organic compounds and particulates down to 5 microns @ 1 GPM and easily produces 60 gallons per hour of clear water and has a filter capacity of 3000 gallons.



2kW Flat/Upright Fan Heater

This upright/flat fan heater is the solution for warming up a room within the house, conservatory, garage, outbuilding, mobile home or caravan.

It is easy to use and benefits from two heat settings, 1000 and 2000W. It is thermostatically controlled which can be adjusted manually. For added safety it features an indicator light so you know the power is on and the thermal fuse overheat protection ensures the heater will cut out if the heater gets too hot. The built in frost protection feature avoids the temperature falling below 5 degrees Celsius.

This fan also has a cool air function meaning you can use as a cooling fan in the summer when it gets too hot outside. The fan heater can be moved around the home with its integrated handles.

Compact design allows you to use and store in the smallest of spaces. IT Can be used and stored in either upright position or in the flat fan position.

2kW Upright Fan Heater

A choice of 1000W and 2000W settings provide you with a choice of heating options, while the adjustable thermostat lets you easily find and select your ideal temperature settings. This heater us complete with a cool fan feature, which makes it ideal for cooling during the warmer months, as well as for use in the winter.

Stay warm in colder winter months or cool down in the summer with this Upright Fan Heater. Featuring an integrated safety cut-off system this heater offers added peace of mind when in use and ensures this heater is safe as well as practical to use.

Compact Plug-in Wall Heater

A compact plug-in, 400W wall heater with 2 speed settings and an ultra-quiet fan.

The heat thermostat is adjustable, allowing for temperature to be easily controlled.

This space saving, portable heater can be plugged directly into the wall with a rotating plug for convenient access to any socket, making it quick and easy to use when additional heat is required.

Space saving design for ultimate portability

Adjustable heat thermostat from 15°C to 32°C

12-Hour programmable timer

Rotating mains plug for vertical or horizontal operation

Ultra-quiet fan with High and low speed settings Cool to touch plastic housing (Warning: front grill becomes hot during operation)

Safe ceramic element with auto shut-off feature

Infrared Folding Heater

SOLEA offers a new Russian heating technology providing space and energy saving solutions.

As thin as a sheet of paper and resistant to damp, it can be used in grow rooms. The main technical characteristics of the product specification is:

Voltage 220-250v Weight 0.4kg Thickness 0.12mm Consumption 0.5 kWh Lifespan: 10 years Heating up time: 10 seconds



Gorilla 2kW Heater

This industrial heater is perfect for quickly heating small workshops, garages, sheds etc.

The heater features 2 adjustable heat settings and also features a fan to quickly spread the heat throughout the area; the fan can also be used without heat for cooling uses.

The heater produces a dry heat making it safe to use in damp conditions and also features a built-in thermostat to prevent overheating.

Gorilla 2kw Heater 37391



Hylite Tube Heaters

The tube heaters are designed to use far less electricity than fan heaters and are cleaner than paraffin heaters. Energy usage is kept to a minimum with a built-in thermostat which switches the heater off when the surrounding area gets too warm.

The heaters are IP44 compliant to be water resistant to sprinkled water.

Tube Heater 1ft no plug 04074 3ft no plug 02284 3ft with plug 04921 300mm 28W 05115 500mm 55W 04047 750mm 90W 05116 1000mm 120W 03106 1500 190W 02590

2kW Convector Heater

A handy convector heater with 3 heat settings and overheat protection. The room thermostat is adjustable, allowing for temperature to be easily controlled.

Ideal for home and individual use when additional heat is required.

3 Heat settings: 750W, 1250W and 2000W Adjustable room thermostat

Overheat protection

LED power indicator

2kW Convector Heater 06108

Oil Filled Radiators

The oil filled radiator is a compact and powerful heater, perfect for warming up your grow room and keeping temperatures at their optimum.

Having a portable oil filled radiator makes warming up your growing rooms easy.

You can move it around whenever necessary without disrupting anything from your grow room set-up.



Lighthouse Oil Filled Radiator 1000W 5 fin 37107 1000W 9 fin 05466 2000W 9 fin 05467



HR15 & HR50 Humidifier

controllable humidification

More often than not you will find that plants prefer growing in humid conditions.

HR15

The HR15 humidifier is perfect for controlling humidity in smaller grow rooms with 4-6 lights and up to 30 m2.

Ideally it should be used with RO water to prevent calcium deposits in your room and within your carbon filter.

HR50

The HR50 humidifier is perfect for controlling humidity in larger grow rooms with 10-15 lights and up to 150m2.

Ideally It should be used with RO water to prevent calcium deposits in your room and within your carbon filter.

HR15 & HR50 Kits

The HR humidification kit comes complete with a 100lt space saver tank, an in-line 13mm to 6mm filter, a metre of 13mm and 6mm pipe and either an analogue or digital humidistat.

The Centrifugal Humidification systems are ideal for indoor growing. Not only will it help you to ensure an optimum level of relative humidity (50-75%)in your grow room.

HR50

HR15			
1500cc	per	hour	

- 25

Coverage:15m² - 30m² 4-6 lights Size 31 x 31 x 47cm 2500cc - 4000cc per hour Coverage:100m² - 150m² 10 - 15 lights Size 37 x 37 x 48cm

Available with digital or analogue humidistat.

GARDEN HIGHPRO HumiPro

cool fog generator

HumiPro, 4L ultrasound humidifier with In-built humidistat, automatic power control and remote control capability offers the user versatility and capabilities found on more expensive units offering amazing value for money at a great price.

Equipped with a twin nozzle with 360-degree rotation, the gardener can direct the flow of humidified air wherever it's needed. We recommend placing it near to an intake fan to provide uniform distribution throughout your environment.

With an in-built humidistat, the Humipro maintains the perfect humidity in your garden. If you set the humidistat to 70% and this value is exceeded in the environment, the humidifier will reduce its output until the humidity is 70%. The reverse is true when the humidity drops below the user-set value, as the humidifier will ramp up its output until the value is reached.

Other entry-level humidifiers do not have a humidistat, so an additional purchase is required to maintain a set humidity level.



Evolution CO2 Controller

next generation technology, today

This Controller is the most advanced of it's kind and has more features and functionality than any other product on the market. It can be used either with or with out the Evolution Carbon Dioxide Sensor and can be interfaced to an external thermostat / hygro stat providing a cheap entry level system with an easy & affordable upgrade path in the future.

This unit is also compatible with the Evolution Digital Fan Speed Controller. The Evolution CO_2 Controller monitors CO_2 levels within the grow room and constantly adjusts the amount of CO_2 to maintain ideal conditions for optimal plant growth.

The Evolution controller utilizes the latest microprocessor and infra-red technology to monitor & control the levels of carbon dioxide in your growing area.

The controller can operate with or with the Evolution Solid State NDIR CO₂ sensor, this controller can also be used with either bottled CO₂ gas or with a propane or natural gas burning CO₂ generator, in addition to this the Evolution controller can be CO₂ to most external thermo hygrostats for Improved environmental control.

Evolution PPM Controller

monitor, control and supplement

Once you've mastered the art of indoor gardening, take the plunge into growing with supplemental CO₂, using the simple yet effective EcoTechnics Evolution PPM Controller.

Both smart and stylish, the EcoTechnics Evolution PPM controller can be attached to either a CO₂ regulator and solenoid valve or a propane gas burner to increase the CO₂ levels in your growing area.

Once your growing room is totally dialled in, CO₂ becomes the limiting factor, so the next logical step is to increase CO₂ levels, boosting your plants' growth rates and maximizing yields beyond anything you've experienced before!

Gas Regulator

CO₂ gas bottle regulator

The EcoTechnics CO₂ Regulator fits onto a CO₂ gas cylinder, utilising a solenoid valve to distribute the gas as required. It is initiated and doses according to the user's preference as set on the either the EcoTechnics Evolution CO₂ Controller, EcoTechnics Unis Controller or the EcoTechnics Evolution PPM Controller.

The EcoTechnics CO₂ Regulator ensures that perfect levels of CO₂ are maintained in the grow area at all times, stimulating your plants to grow faster and larger than ever before!

UNIS CO₂ Controller & Regulator Combo

If you've mastered the art of indoor gardening and want to take your grow to the next level, then CO₂ supplementation is for you.

The Ecotechnics UNIS Regulator fits onto a CO₂ cylinder, and its accompanying UNIS Controller can then be set to tell the Regulator to administer doses based on the size of your growing area.

The Regulator can also be used in an array of different combinations with the Ecotechnics Evolution Controller and the Ecotechnics Analyser for the ultimate CO₂ supplementation solution!



AirComfort

connected temperature & humidity reporting

The AirComfort is a bluetooth connected thermo hygrometer.

The Air Comfort Bluetooth Temperature & Humidity Sensor is a very useful gadget that lets you keep an eye on your grow room temperature and humidity levels. It connects wireless to any smart phone via secure Bluetooth and uses an app to display the readings and change settings. The Air Comfort records and stores the temperature and humidity data and can be downloaded to the app when you are in range – simply open the app, refresh the feed and all the information is quickly available.

There are a range of options you can set, including how often the unit records information. You can also set up an alert for when the set parameters are passed, be it too hot, too cold, too damp or too dry. With the touch of a button, you can view historical data in graph form, so you can easily see the highest and lowest points of both measurements.



GARDEN HIGHPRO Prohygro Hygrothermo Premium

indoor thermometer with hygrometer Japanese components for precise measurements Indoor-humidity range 25% to 90% RH Temperature range: 0° - 50° C/ 32° - 122°F

Prohygro Hygrothermo Premium 05404



GARDEN HIGHPRO Prohygro Hygrothermo Pro indoor thermometer with hygrometer

Japanese components for precise measurements Indoor-hygro range 25% to 90% RH Temperature range: 0° - 50° / 32° - 122°F

Prohygro Hygrothermo Pro 40017



GARDEN HIGHPRO Prohygro Hygrothermo Medium

indoor thermometer with hygrometer Accuracy 1° C RH 5% Indoor-hygro range 25% to 90% RH Temperature range: 0° - 50° / 32° - 122°F

Prohygro Hygrothermo Medium 04797



Indizono Ozone Generator

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eliminate odour and bacteria

Get to know the most economical way of producing ozone in your air ducts.

INDIZONO

The Indizono produces ozone through electrode ceramic plates, which is the most economical way of generating ozone. The amount of ozone is equal to or greater than the current ozonisers lamps, but is about half the price.

Ozone is O3, i.e. it has an atom more oxygen per molecule than the more stable O2, giving it a high reactive power to

Ultrasonic Humidifier 150 05730 200 05731 250 05732 315 05733

completely remove any odour in the air. It is a disinfectant, fungicide, bactericide and virulicida as well as deodorant, so it eliminates germs and bacteria in your air ducts. Now you can completely eliminate odours the carbon filter misses.

INDIZONO 3.500 molin

Simply fit it in the duct after the fan, ozone reacts with everything it is mixed with so leave at least 5 metres of duct after the Indizono to complete the process.





The Enhancer

natural CO₂

The Enhancer by TNB Naturals is an all natural CO_2 generator made from 100% organic ingredients. This safe and effective solution for CO_2 supplementation creates a blast of CO_2 that can reach 1200PPM in a 12x12x12ft area for up to 2 weeks. The Enhancer will begin to disperse CO_2 within a few minutes of being activated.

Activate The Enhancer by adding 1 litre of warm water, place the lid back on, remove the sticker on the lid, covering the small hole with your thumb and giving the bottle a quick shake. For optimal performance shake The Enhancer once a day in a 12x12x12ft area and once every second day in a 6x6x6ft area.

The simplicity and ease of use, along with the fact that The Enhancer does not produce heat or require any additional equipment, makes this the future of CO_2 production.

Refill Pack

The Enhancer CO_2 Refill Pack gives growers the ability to reuse their existing Enhancer bottle while saving money and reducing their environmental footprint at the same time.

Simply empty the contents of the original bottle and give the bottle a quick rinse. The contents of the Refill Pack can be added and instantly CO_2 is once again available for use.

ExHale CO₂ Bag/XL/365

the original CO2 bag

The Exhale CO_2 bag cultivates carbon dioxide 24 hours a day with no need to refill bottles or use expensive production units.

Maintenance Free: No heat, No electricity, Just CO₂.

A continuous shower of carbon dioxide directly onto your plants is the most efficient way to deliver CO_2 . Placing the bag slightly above the level of your plants will insure they receive the carbon dioxide they need.

The regular sized Exhale CO_2 bag is designed for small to medium grow spaces, or more specifically 1 bag will provide 4-6 plants with the CO_2 they need. It can be used for both vegetative plant growth as well as for fruit and flower production.

The ExHale bag also comes in XL size for larger growing areas.

The Exhale 365 CO₂ bag is the first real customer activated CO₂ bag in the world. Still the most CO₂. Still the longest life. Still the Original! Maintenance free, no heat, no electricity, just CO₂! in earnest with peak CO₂ production beginning after 30-45 days. CO₂ will continue to be released for the remainder of 9 months.

CO₂ Bucket

you release the CO₂ when you need it

The Nature Organic CO_2 Generator is created of 100% organic raw material that doubles the amount of CO_2 in your grow room up to 12 hours a day.

We work exclusively with organic waste from the agricultural sector; wood, straw, hay and various grains. Through its unique tested formula of organic bio-masss and expanded bacteria, you can always be confident of a high CO_2 level +/- 700ppm (Part Per Million).

The silent air pump is included and simple to install.

Compared to other CO_2 buckets the ppm level of the Nature2 CO_2 Bucket will be constant and will not dry out, because of the organic compiled tested formula.

The weight of the Nature2 CO₂ Bucket explains the constant ppm that is promised.



CANNACURE

controls plant pests & mildew

Mildew, whitefly, aphids, spider mites and mealy bugs.

The world is full of diseases, pests and parasites that are looking for an opportunity to infest your plants and ruin your crop.

Of course, you want to protect your plants in the best way possible. But how?

CANNACURE is an unique leaf nutrient that prevents and controls plant pests and mildew. It's environmentally friendly and free of toxins.

CANNACURE ensures healthier plants, bigger flowers and increased yields.

C-HELLFIRE

plant disinfection

C-Hellfire is a natural disinfectant spray that keeps insects, fungi and viruses away using encapsulated alcohol in sunflower oil emulsifier.

C-Hellfire cleans and disinfects your leaves, flowers, stems, substrates (coco/soil/pebbles/ rock wool) and grow room from all negative influences.

After spraying your crop will be protected for 3 weeks

PLANT CHEMIST

insect control

Plant Chemist Insect Control is a pesticide free product for use on flowers, fruit, vegetables, herbs and ornamentals, both outside and undercover.

Plant Chemist controls a wide range of insects including spider mite, thrips, aphids, mealy-bug, scale, psyllid and more.

Its organic composition ensures healthy, green and clean plants, followed by optimized growth and bloom.

Insecto Smoke Bombs

safe and easy to use

INSECTO smoke bombs come in a range of 3 different sizes containing the active ingredient permethrin. Simply light the nonsparking wick, smoke fumes will work their way into all nooks and crannies killing all flying and crawling insects in treated area.

The mini smoke bomb weighs 3.4g and covers up to 120m3. The midi smoke bomb weighs 15g and covers up to 500m3. The maxi smoke bomb weighs 31g and covers up to 1000m3.

Insect Control 250ml 36446 1lt RTU 36445

Guard 'n' Aid Insect Catcher (5 Pack)

flying insect detection

Non-toxic hanging sticky fly traps which are safe for use near edible crops. They are a good way of catching flying insects and are a good tool for stopping infestations before they over run your garden.

The bright yellow colour is designed to attract flying insects. Hang at canopy height or as a cover for the top of affected pots to catch emerging insects.

Insecto Smoke Bombs Mini 05410 Midi 05411 Maxi 05418 Pro 05471 Jumbo 06196

Hotbox Sulfume

treat pest infestations

Stop the spread of fungal diseases and treat pest infestations with sulphur vapour. All you need is a HotBox Sulfume.

It's incredibly effective. Customers use it to combat spider mites, botrytis, mildew, black spots, fungus & more! It's one of the best ways to tackle spider.

Refill for your Hotbox

2KG of sulphur. Kills mites and stops fungal spores from spreading.

The Hotbox Sulfume 01475 Sulphur 2kg 01476

Purolyt

professional disinfection

Purolyt is a disinfectant concentrate which is used in professional hygiene management for disinfection of surfaces, equipment/tools, water/liquids and air. Purolyt's principle of operation is similar to the way the human body fights off bacteria and viruses. When the immune system detects a threat, white blood cells are activated which create an antimicrobial substance called hypochlorous acid (HOCL). HOCL is the active ingredient in Purolyt.



E 158/159







ONA Block

small size, long lasting freshness

ONA Block is ideal for small areas such as closets, fovers, attics, cars, gym bags, boats, kitchens, waste bins, cupboards or vents.

The ONA Block will release its powerful odour neutralising agent and keep the location free from undesirable odours. ONA Block measures 3" x 3" and will fit inmost places.

ONA blocks are used in combination with the in-line duct dispenser.

ONA Block 170g Pro 02127 Apple Crumble 03150 Fresh Linen 02125 Polar Crystal 02126 Tropics 05396 Fruit Fusion 37699

ONA Gel

popular, practical, powerful

ONA gel is the most popular product in the ONA range. Having spent years developing a blend of ONA liquids and various suspension elements to result in a product that has excellent dispersal qualities.

ONA odour neutralising agents are released in a controlled manner so that every drop of product is used.

Available in: Pro, Fresh linen, Polar Crystal, Tropics and Apple Crumble.

ONA Gel 500ml, 1L, 3.65L, 4L call for details

ONA Liquid

versatile and practical

ONA Liquid is a versatile product and can be used in many different applications.

ONA Liquid can be added to commercial misting systems, humidifiers, or simply sprayed freely into the air to neutralize airborne odours on contact.

ONA Liquid is water based and can easily be diluted for safe and effective washing of odour saturated garments.

ONA Liquid 1L Fresh Linen 02428 Polar Crystal 02429 Fruit Fusion 37705 ONA Liquid 4lt Jar Fresh Linen 04518 Jar Polar Crystal 05014 20L Fresh Linen 02994

ONA Sprav

use it everywhere!

Industrial strength odour control in a personal size!

Do you have smokers in your family? Do you have pets that go everywhere in your house? Do you have an unpleasant garbage area? Would you like the air in your home or office to smell fresh and clean? Then use the ONA Spray!

ONA Spray comes in a convenient 250ml (8 oz) bottle. It is a true odour neutraliser, unlike some store brands that just scent the air.

ONA Spray 250ml Pro 02133 Apple Crumble 03151 Fresh Linen 02132 Tropics 05395 Fruit Fusion 37702

ONA Mist & Dispenser

24h odour reduction

The ONA Mist Dispenser is a great way to control odours.

It will provide you with 24 hour odour control.

ONA Mist comes conveniently packaged in aerosol cans that fit the dispenser. The cans hold 170g (6oz).

Available in: Pro, Fresh linen, Polar Crystal and Apple Crumble.

ONA Mist 170g Pro 02195 Apple Crumble 04059 Fresh Linen 02193 Polar Crystal 02194 Tropics 05395 Mist Dispenser 02196

ONA Breeze Fan

compact. light & efficient

ONA Breeze has been redesigned. It's lighter and uses less power, and now fits on either the ONA Gel Pail or ONA Gel Jar (both four litres and one litre). This makes the ONA Breeze excellent value for the efficient dispersement of ONA Gel scent.

ONA Breeze is designed to be used exclusively with ONA Gel.

ONA Breeze Fan 02134

ONA Cyclone Fan

maximum dispersal

The ONA cyclone is a cost effective high quality odour distribution system. This portable fan runs very quietly while effectively destroying odours any where it's needed. Loaded with a 20lt pail of ONA Gel, it will provide high volume, high capacity odour control in the worst conditions.

Using less power than an incandescent light bulb the ONA Cyclone provides odour control for up to 460m2. Fan speed is controlled by a variable high tech push button switch so you can adjust your airflow to combat odours efficiently.

ONA Cyclone 02601

ONA in-line Duct Dispenser

ONA odour in vour duct

ONA Air dispenser's allow the smell of the ONA block to be mixed with any odours you have in your air duct so ONA can start doing its work.

Just attach to your ventilation system, insert the desired number of ONA blocks and any unwanted odours will be removed from your ducting, guickly, effectively and permanently.

ONA in-line Duct Dispenser 100mm 04031 125mm 04456 150mm 02717 200mm 02718 250mm 02719 315mm 02720





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Breeze

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White Lightite

100% white lightite triple layered grow sheet with a centre fold.

White both sides of the sheet but light tight to allow separate light cycles to perform within the same area. Gives better all round plant growth increasing yields by reflecting thermal heat, which also results in reduced energy costs.

Helps stop mould, algae and stimulates vigorous growth.

White Lightite 2m x 100m x 120 μm 04049



Silver Mylar Lightite

Within our indoor gardens, we try to do everything we can to imitate nature and tweak variables to gain maximum yields.

In nature, reflective materials are not necessary because of the great distance between the sun and the Earth.

In an indoor garden, however, reflecting light is one of the most important things a grower can do to get the most out of their light source.

Silver Lightite 10m 02540 100m 01925



Diamond Lightite

Diamond Lightite has a raised diamond diffused pattern to spread light more evenly over the canopy of the plant allowing the light to be situated closer to your plants and also providing maximum reflection of light lumens whilst significantly reducing energy costs.

A 5 layered material ensures 100% lightite creating a true blackout, stopping the escape of light and heat energy.

Diamond Lightite 10m 05831 100m 03051



Diamond Eco

Eco Diamond Diffusion with diffused pattern to spread light more evenly. Produced to help eliminate grow room hot spots.

Membrane memory to dramatically reduce creasing effect & PET coated to protect against corrosion and wear.

A non-lightite product.

Diamond Eco 10m 04849 30m 36523



DPM White Roll Floor Secure

Designed to protect the floors of grow rooms from water damage. Floor Secure is basically a damp-proof membrane (DPM) that is thick enough for heavy traffic.

This product is also very useful for stopping any pests getting into the carpet of your grow room.



Black & White

Black and White Sheeting is a cost-effective way to create your own growing environment by reducing external light and reflecting grow lamps.

Available in 2m wide, 10m long or 100m long sizes, this sheeting provides a cheap way to convert a room. It comes in 125 and 85 micron thickness's.

Black & White Thin 10m 02373 100m 01879 Black & White Thick 10m 02374 100m 01880



Aluminium Foil Tape

Highly reflective, adhesive backed foil tape is waterproof, tough and has a strong bond with chemical resistance.

It adhere's well in low temperatures and high humidity.

Aluminium Foil Tape 50mm x 45m 03060 75mm x 45m 04711



Silver X Weave Tape

Silver X Weave tape is a bright aluminium foil tape reinforced with 5 mm² glass scrim for supreme strength and tear resistance.

The tape is coated with a high tack rubber/resin adhesive.

Silver X Weave Tape 75mm x 50m 01538



Duct Tape

A water-resistant cloth tape. Easy to tear by hand with high adhesion and tensile strength.

The 27 mesh cloth weave is water resistance and has a strong bond to clean dry surfaces.

Duct Tape 50mm x 50m 05518 70mm x 45m 05517







GARDEN HIGHPRO Lighthanger

plastic pulleys

Easier to user than conventional pulleys Regulate the height to the millimetre Fixing pulleys up to 5kg capacity 1.05m rope length (3.4ft) LIGHTHANGER 5kg 04570 48kg 04934



Yo-Yo

Yo-Yo's are hung above your plants to support the stems. As the plant grows, the Yo-Yo retracts, never damaging the stems or branches.

Ideal for fruiting plants like tomatoes and



GARDEN HIGHPRO PROHANGER

regular rope ratchet Strong and ultras resistant pulleys Ideal to sustain heavy carbon filters Fixing pulleys up to 68kg capacity 1.5m rope length (4.3ft)

PROHANGER 04934



GARDEN HIGHPRO Prohanger XI

XL carabiner

Strong and ultras resistant pulleys XL carabiners that fit to the structure Fixing pulleys up to 68kg capacity 1.5m rope length (4.3ft) PROHANGER XL 03119

rope ratchets complement Fits all type of tubes up to 5cm diameter

GARDEN HIGHPRO Procufs

Ultra strong hanging capacity up to 84kg/pair Ideal to secure heavy reflectors and carbon filters

PROCUFS 05215



Garden Twisty Ties

Strong, flexible plant tie coated in soft PVC to help aid plant growth. Suitable for garden and household use.

Available in 4.8m or 8m lengths.

other vine crops with heavy trusses.



Easy Rollers

Easy-Rolls are a light/reflector hanger. Easy-Rolls are a useful mechanism that allows you to easily adjust the height of your light/reflector as the plant grows.



Jack Chain 10m

A strong but lightweight chain which is ideal for hanging reflectors, filters and ducting etc.

Supplied in a display box containing a 10m length of chain.

Yo-Yo (Box of 8) 05888





GARDEN HIGHPRO Pronet

Providing horizontal support for plants ensures strong evenly distributed limbs, easy air circulation and most importantly a level canopy for even light distribution.

GARDEN HIGHPRO Elastic Support 60 x 60 to 120 x 120 04571 XL 60 x 60 to 150 x 150 05403



Gorilla Elastic Net (240x120cm)

Providing horizontal support for plants ensures strong evenly distributed limbs, easy air circulation and most importantly a level canopy for even light distribution.

New size for this popular product.

Gorilla Elastic Net XXL (240x120) 37098

Secret Jardin WebIT

Designed from goal cage net, It supports your plants as it would stop a ball!

A flexible polypropylene net

SJ WebIT 60 05846 90 05667 120 05668 120W 05841 150 05669 150W 05842 240W 05670 300W 05671



Bamboo Canes 1.2m

These Pre-Packed Bamboo Canes are the enthusiastic gardener's ideal accessory!

Made from strong, durable, long-lasting and flexible bamboo, these Canes are available in 20 or 25 pack sizes and at a convenient 1.2 metre length.

Bamboo Canes 250 x 1.2m 36758 25 x 1.2m 05498 20 x 1.2m 04532 25 x 1.5m 06145



Scrog Line Pro

The Scrog Line Pro is an innovative single pot scrog system.

Each Scrog Line Pro contains the frame system and elasticated scrog net. The Scrog Line Pro is intended for use with a single pot and single plant.

Scrog Line Pro 1.0m 04442 1.2m 04441



Green Plant Trellis Support

Plastic coated steel. Available in various sizes.

Trellis Support Black 1.2m 06102 1.5m 36351 Green 0.8m 36247 1.2m 36246



Drying Nets & Racks

Drying nets are a solution to the problem of how to dry large quantities of herbs, flowers and other plant material quickly in a confined space.

GARDEN HIGHPRO

ProDry V1 Drying Net 55cm 4 Removable Levels 05343 75cm 6 Removable Levels 05344 95cm 6 Removable Levels 05345

Jumbo Drying Net 8 Tier 01507

Dry Rack 600mm 8 Layer 04619 Dry Rack 900mm 6 Layer no Middle Support 04620 Dry Rack 900mm 6 Layer with Middle Support 04621



1.5L Pressurised Sprayer

Pressurised Sprayers are a must have when dealing with grow room pests.

Pressurised Sprayer 04671



GARDEN HIGHPRO PUMPRO

The Gravity Sprayer delivers an ultra fine mist which distributes evenly across the whole plant surface.

GARDEN HIGHPROPUMPRO 38070



16L Knapsack Sprayer

16L backpack pump. General purpose pressure sprayer with side handle, hand pump and comfortable shoulder strap.

Adjustable spray lance to enable easy and accurate spraying with a safety pressure release valve. Anatomic shaped tank offers balanced weight distribution when in use.

Kingfisher 16L Knapsack Sprayer 05240



8L Knapsack Sprayer

16It backpack pump. General purpose pressure sprayer with side handle, hand pump and comfortable shoulder strap.

Adjustable spray lance to enable easy and accurate spraying with a safety pressure release valve. Anatomic shaped tank offers balanced weight distribution when in use.

Kingfisher 8L Sprayer 06040



5L Pressure Sprayer

The 5L general purpose pump sprayer with a shoulder strap for easy and comfortable use.

The sprayer features a built in lid-based hand pump and a safety pressure release valve. The spray lance is easy to use and is adjustable to enable accurate spraying.

Pressurised Sprayer 5L 05849



Funnel

A range of plastic moulded funnels to enable liquids to be easily transferred into narrow necked bottles.

Funnel 8cm 37114 18cm 37113

Gravity Sprayer

The Gravity Sprayer delivers an ultra fine mist which distributes evenly across the whole plant surface.

Gravity Spray 03141

360° Degree Sprayer

Easily reach the places that pests tend to hide with this innovative adjustable head spray bottle.

360° 1L Sprayer 04507





A moulded plastic, clear measuring beaker, with various volume markings embossed on the side.

Measuring Jug 11t 02984 Budget Measuring Jug 11t 37109 Budget Measuring Jug 1pt 37112 2pt 37111 3.5pt 37110 Graduated Jug 100ml 37197 250ml 37198



18mm Auto Reload Snap-Off Knife

Strong metal frame with durable plastic casing and ergonomic, non-slip grip for comfort and control.

The quick-change, auto-reload cartridge allows fuss-free blade changes, while the standard push-button blade adjustment affords the user great control over blade length.

Streamline 18mm Auto Reload Snap-Off Knife 37074



18mm Snap-Off Knife (36)

Simply snap off a dull blade for a sharp cutting edge when required using the blade snapper included in the knife handle for added safety.

18mm Snap-Off Knife 37075





GARDEN HIGHPRO ProCut Scissors

These scissors are manufactured from 100% inox steel with extra sharp blades.

They are available in straight and curved blade versions. They are spring loaded and specially designed for comfortable use.

ProCut Scissors Curved 05505 Straight 05506

Scalpel

Each scalpel is individually packed in sterile packaging. These are extremely sharp.

Scalpels are ideal for taking cuttings as they produce a clean sterile cut on the plant. This reduces the chance of infection and decreases rooting time.

Scalpels are sold in boxes of 10.

Scalpel 00120



Latex-coated Gloves

Glove's to protect your hands coated with latex to protect.



Black Plastic Bucket/Lid



Syringe

Individually packed syringes used to accurately measure nutrient volumes. Available in 10, 50 and 100ml versions.

Syringe 10ml 02554 50ml 04922 100ml 02553

Pipette

Used to accurately measure small amounts of liquids. Available in 3mm and 5mm sizes.





Newlite Eye Protectors & Strap

These Newlite Vision glasses offer protection from the harmful effects of hps lamps and alter the colour your eyes see to closely match a daylight spectrum.

Green Hornet LED Head Lamp

The Head Lamp from Green Hornet is an ultra-powerful headlamp designed to be used in your garden in its night cycle so as not to disturb your plants.



Green Hornet Work Light

The Green Hornet worklight is equip with a 24 green LED flood light and a 3 white LED flashlight.

The worklight has a swivel neck hanging hook, magnetic back and comfort grip coating.

Green Hornet LED Head Lamp 04519



Green Hornet Green LED Bulb

During flower, it's imperative that light loving fruiting annuals are not disturbed as they can revert to vegetative growth, slowing your progress.

At the very least, when plants receive light during their night period, they go through undue stress which can lead to aborted flowers and fruit.

Green Hornet LED Head Lamp 04520

Newlite Eye Protectors & Strap 04568

Green Hornet LED Head Lamp 04521



B22 to E27 Green Bulb Adapter

Adaptor for Green Hornet LED bulb from screw type to a bayonet fitting.



5m Extension Lead Used for extending the distance between the ballast and shade. IEC to IEC.



10A 5m Plug & IEC Lead Moulded 13A Plug and IEC connector with a 5m cable length.



IEC Plug Male/Female For use with connecting power cables.



GorillaBox Kettle Leads

UK plug to IEC cable 3m black.



Wigwam Cane Holder

The Wigwam Cane Grip allows you to build support for plants easily by pushing over the top of canes or bamboo, meaning there is no need for ties or twine.

You can use up to 6 canes with the Wigwam and it takes canes between 5-13mm.

Pack includes 10 Wigwams.

WIGWAM Cane Holder 40004



Plastic Wall Flanges

Plastic wall flanges with pre drilled holes on the flange.



Jubilee Clips

Large jubilee clips for securing flexible ducting.

Available in sizes up to 355mm diameter.

Gorillabox Kettle Leads 01083



pH Kits

pH kits offer a foolproof way of testing the pH of your nutrient mixture.

As well as being a cheap and accurate way to test your pH they can also be used as a check to make sure your pH pen is working correctly.



Soil Box

Plain cardboard boxes that are the perfect size to hold two bags of any growing medium bags.

Plastic Wall Flanges 6" 05736 8" 05735 10" 05709 12" 05708



Nutrient Box

Small strong box. It will hold 10 Canna 11 nutrients.

27 x 32 x 30cm

Jubilee Clips (M) 02711 (L) 02712 (XL) 37986 (XXL) 37049 Blauberg 315mm 06101



Black Bags

Strong black bags sized to take a bag of growing media.



















173 175				A A			
		Light Mix	62	Aqua Vega	8	EcoTechnics	
		Pre-Mix	62	Bio Boost	11	GAS Regulator	155
		Worm Humus	63	Bio Flores	11	Reflectors	121
				Bio Vega	11	Contactor	129
		Bluelab pH/EC Contro	ol	Bio Rhizotonic	11	Evolution PPM Controller	155
index		Guardian Monitor	48	Boost Accelerator	12	Evolution CO ₂ Controller	155
1.5		Combi Meter	48	CalMag Agent	13	Evolution Temp/Humidity Fan Controller	PL MAR
		Conductivity Pen	49	Cannacure	13,159	UNIS CO ₂ Controller	145
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1 Pot XL System	96	pH Pen	49	Coco A/B	6	Biosys	41
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Easy2Propagate	97	Buddha's Tree		COGr Flores A/B	10	Neutralise	41
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Bio Grow	16	Max Fan	132	Coco Natural 50L	6,56	I I Falls	143
Bio Heaven	17	Max Fan Pro/ Pro EC	133/134	Coco Professional Plus	6,56	Terra Aquatica	Sale and the second
Root Juice	16	Pre Filters	132	Coco Slab	52	Nutrients/Additives	
	Non- Including the second second	Q-Max/EC	133/134	Coco Pebble Mix 60/40	6,57	TriPart	20
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Aero Farm	der 1
Aqua Farm	
Controller ACS	
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Ebb&Grow	
Ecogrower	
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RainForest 72	
WaterFarm	

Gold Label Nutrients

60/40 A/B Bloom Booster

22	Coco A/B
22	Flower Enhancer
23	Hydro A/B
23	Soil A/B
23	Ultra Enzyme
23	Ultra MG
23	Ultra MG RO
23	Ultra PK
24	Ultra Roots
24	Veg Booster
24	pH control
24	Ultra pH-
24	Substrate
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58	80/20 Mix - Hydro/Coco RHP
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58	CocoPerlite 70/30
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					ENA	
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ph Pelis	49/50	Bulbs MH	127		and a state of the	

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