

WORLDWIDE DELIVERY

plantlogic
innovative products
for smart growers



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Catalog
2024

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INCREASE
YIELD



IMPROVE
CONTROL



SAVE
MONEY

Innovative products for smart growers

Plantlogic was founded when a berry grower asked if we could make a better pot for growing blueberries. Ever since then we've solved problems by designing solutions for commercial substrate growers. Over the years we've helped substrate growers of cannabis, flowers, rubus, vegetables, and strawberries. We've maximized drainage and ensured optimal oxygen uptake. All the while we continuously improve our products' durability, quality, and design.

At Plantlogic we never stop innovating. What can we do for you?

As we've expanded into new fields, we have also deepened our roots by growing our line of products to include drainage collection pots, round and square pots, growing systems and a robust assortment of accessories. We're proud to provide the equipment needed to help professional growers be successful.

With operations and staff spanning five continents, we have achieved the size and scale to meet our customers where they're at. Customer satisfaction lies at the heart of everything we do, which is why we have invested in building local field sales teams in all our areas of operation. We currently have teams in

Mexico, Peru and the United States. Our sales teams are comprised of highly-trained agronomists, who are committed to understanding the unique needs of our customers. We take the time to visit our customers' farms so we can recommend the best products to suit their needs. Sometimes that means customizing existing products, or even innovating new products. Turning great ideas into great products is our passion. In fact, our growers have sparked several new product improvements and designs. Working with our customers to solve their problems is how we got our start in this business and how we continue to operate to this day.

So, whether you're seeking to optimize your yields, minimize water usage, improve disease management, or just generally seeking to reduce operational risk in your growing environment, our team has the expertise and knowledge to build the right solution to fit your needs and budget.

Global mindset + Global partnerships = Maximum value for our customers

We also believe that we can bring more value to your farm beyond growing containers. Our global field sales team has built a network of partnerships across the world, and by working with us, you gain access to that community of knowledge. By connecting our customers with great ideas, new perspectives, and even each other, we're able to bring a level of value that our competitors cannot match.

How do we achieve that value for our customers? First, we make the effort to understand our customers' needs. We truly believe that we know our customers better than any of our competitors do. Our local field sales teams regularly visit our customers farms and listen to how their needs are evolving. We use high quality materials like Polyethylene with UV protection, so our products won't break down after a single season of use.

Second, by investing in a global logistics team we are able to efficiently deliver to our customers' farms, saving time, money and headaches. Because we have our own factory in Asia, we have full control over the manufacturing process and greater manufacturing capacity than our peers. Simply put, we can make more products, faster, than anyone else on the market.

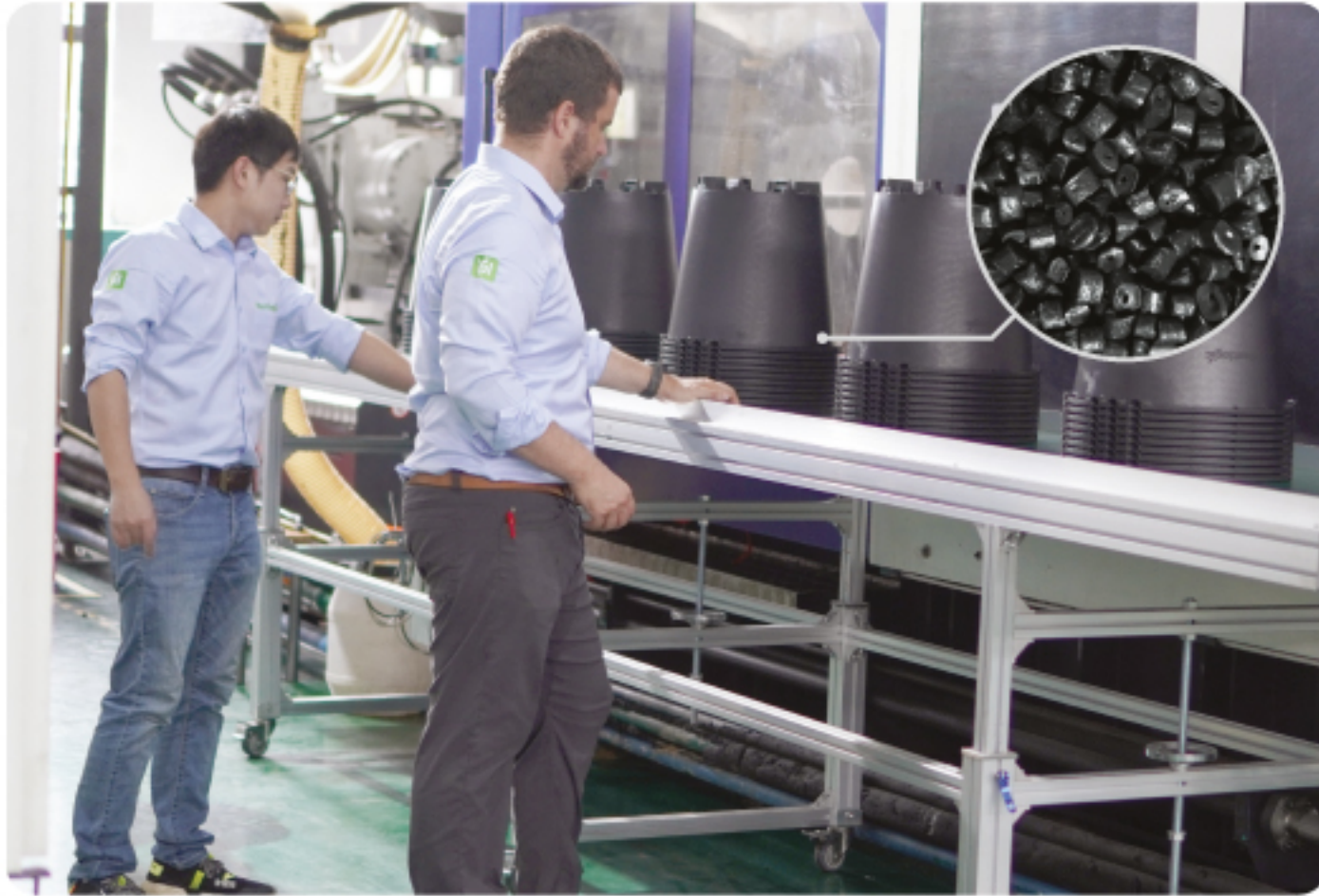
Ultimately we work to gain and keep the trust of our customers founded upon mutual respect, honesty, and accountability. Keeping our word will always be our promise and commitment to you.

We love to help growers solve their greatest problems. What can we solve for you today?



Visit getplantlogic.com/contact-us/
and let us know!

Quality of our products



Our pots are manufactured by completely automated machinery. We use only high-quality raw materials to ensure we meet the highest possible production standards.

We guarantee pots that will outlive your plants.

Consistent quality through out our products makes them reusable cycle after cycle.

ROHS test passed.

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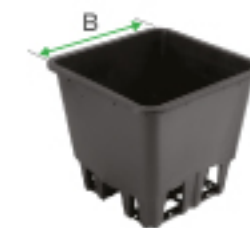
Dimensions

A - Product height

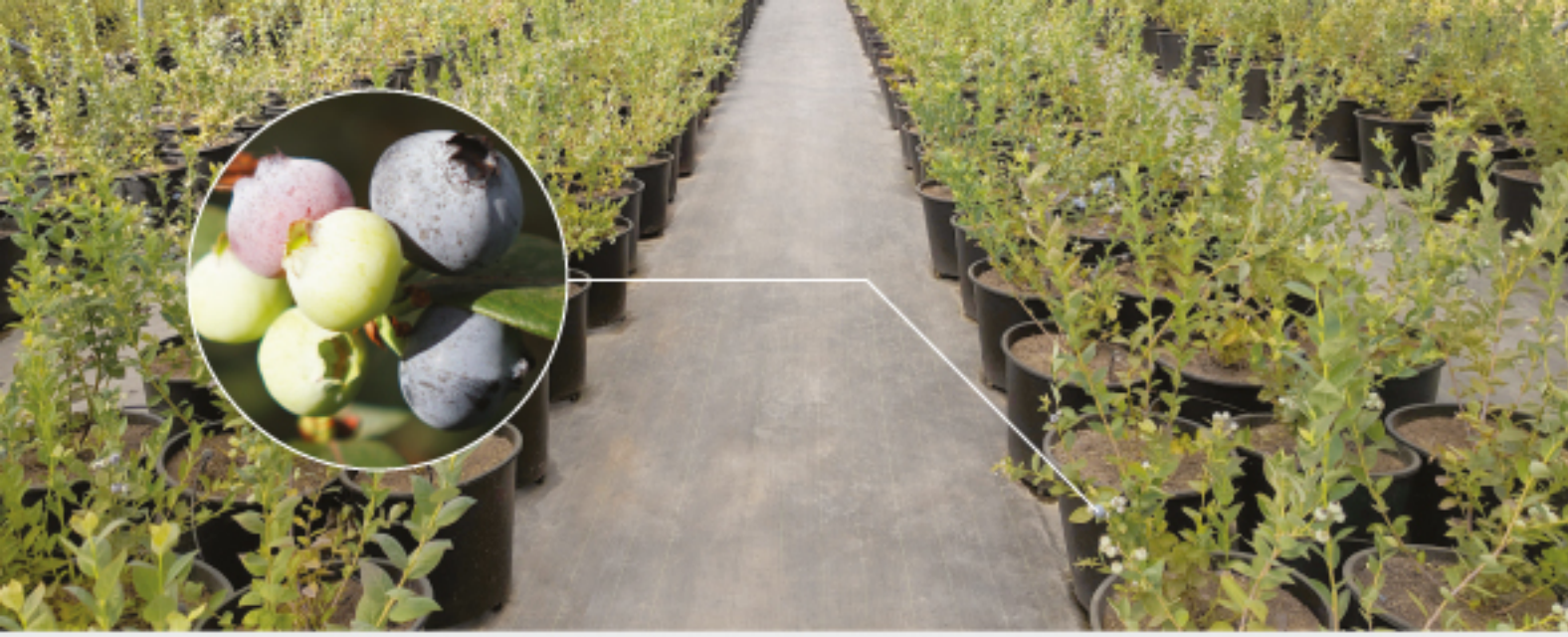
B - Top outside dimensions

C - Bottom dimensions

D - Legs height

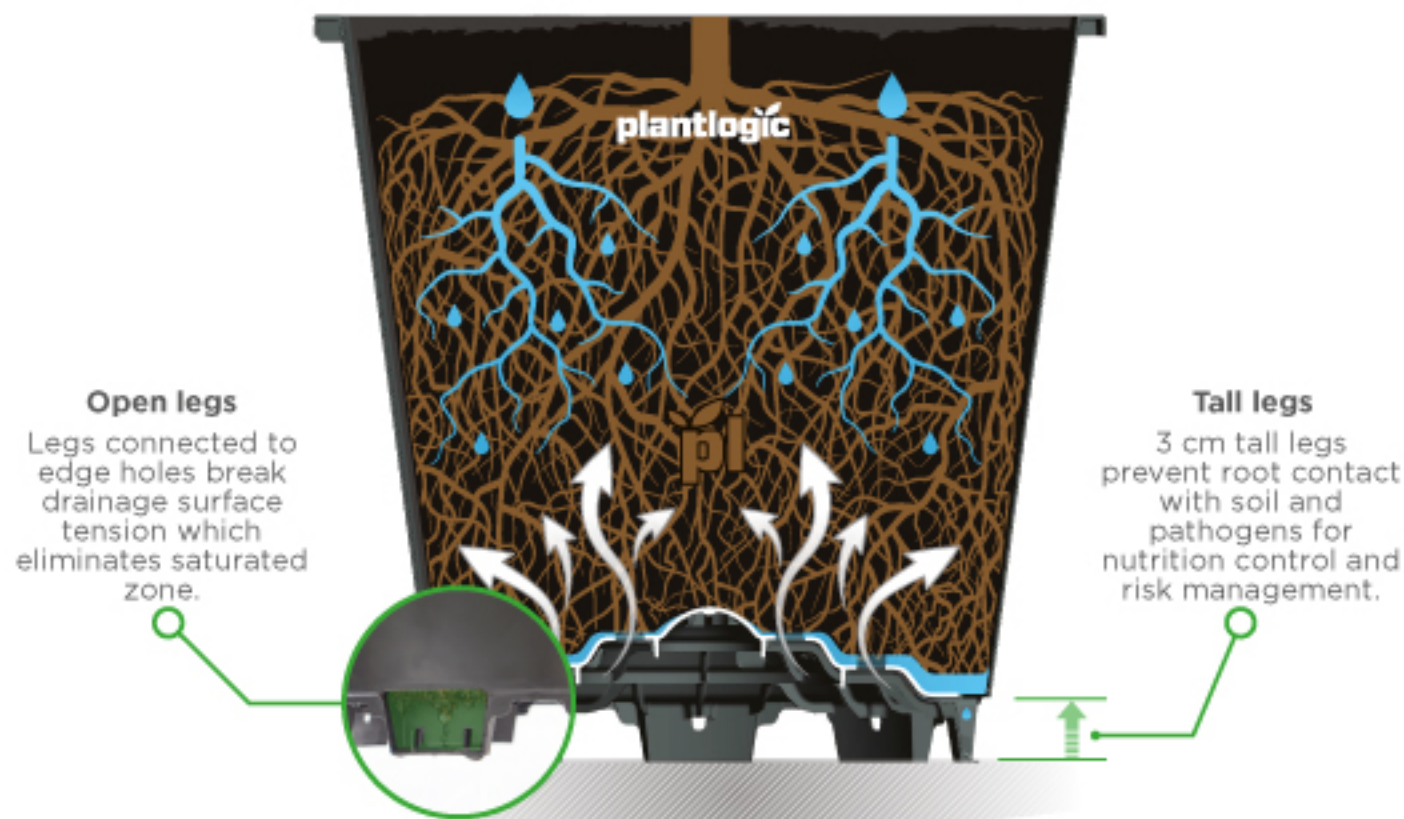


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Blueberry production

Plantlogic pots are specially designed to maximize drainage and oxygen uptake to support healthy roots and plant vigor.



Wide feet
Help prevent sinking into soft ground.



Pyramid base
Causes drainage into high air flow area, where roots air prune.



Air flow
Non-draining central holes allow **oxygen uptake** in center of root mass, and prevent roots from growing down.

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Dimensions

		A	B	C	D
1309020	20L Square Pot With Legs	316 mm	330 x 330 mm	229 mm	30 mm
1308020	20L Round Pot With Legs	303 mm	∅ 370 mm	245 mm	30 mm
1303025	25L Round Pot With Short Legs	306 mm	∅ 399 mm	294 mm	13 mm
1308025	25L Round Pot With Legs	354 mm	∅ 385 mm	268 mm	30 mm
1309025	25L Square Pot With Legs	322 mm	355 x 355 mm	264 mm	30 mm

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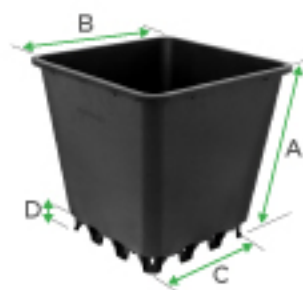
Blueberry production



Drainage collection pots

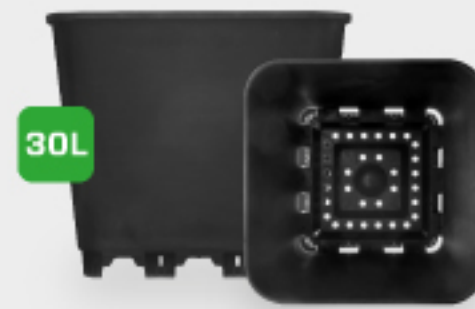


Dimensions



		A	B	C	D
1309026	25L Square Pot With U-grooves	322 mm	355 x 355 mm	264 mm	30 mm
1304125	25L Round Drainage Collection Pot	320 mm	∅ 420 mm	275 mm	28 mm
1303125	25L Drainage Collection Pot With Short Legs	318 mm	∅ 399 mm	293 mm	12 mm
1308303	30L Round Pot With Legs And U-grooves	380 mm	∅ 407 mm	283 mm	30 mm
1308031	30L Round Pot With Legs and V-rib	383 mm	∅ 407 mm	282 mm	30 mm
1309030	30L Square Pot With Legs	322 mm	385 x 385 mm	291 mm	30 mm
1308040	40L Round Pot With Legs	384 mm	∅ 460 mm	330 mm	30 mm
1308041	40L Round Pot With Legs And U-grooves	384 mm	∅ 460 mm	330 mm	30 mm

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Available colors:



Add value to your pots with:



Cooling skirt
See page 28.



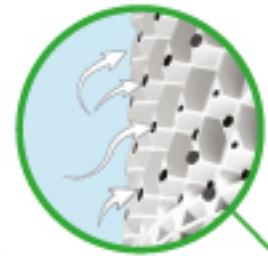
Hose clips
See page 30.

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Blueberry production

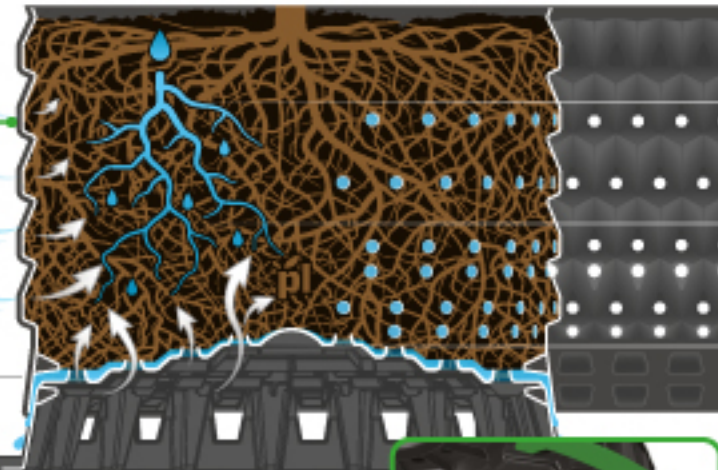
Zephyr V2

Customizable hole density



More aeration

Tallest legs in the world
7 cm legs.



No aeration holes
Substrate on top maintains the adequate amount of moisture.

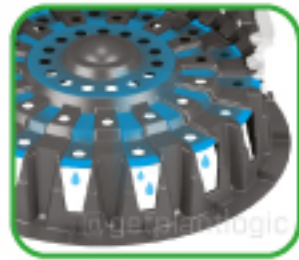
1x aeration holes

2x aeration holes
At the bottom of the pot wall for better airflow and oxygenation.

Stable base with large surface area
Wide base 5x more stable than any other pot with legs.



Strong connection



Excellent drainage



Airflow and oxygenation



Unique wall design

Gear slots are specially designed for greater base and wall support.

Pyramid base forces water to drain at the outside edges, which minimizes wet zone.

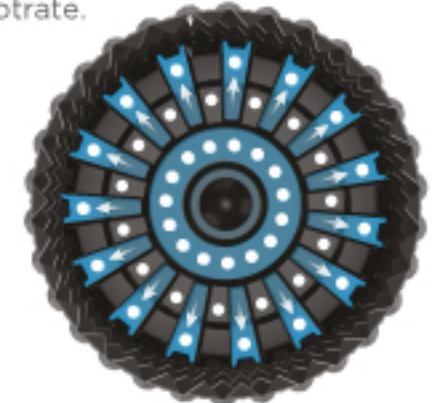
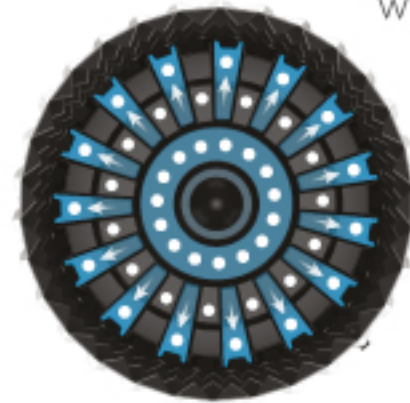
Non-draining central holes allow oxygen uptake in center of the root mass, and prevent roots growing down.

Side wall shape helps prevent compacting and root spiraling improving root architecture.



Unique drainage flow

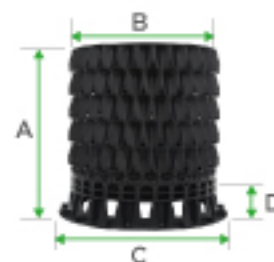
Without leaking substrate.



Available colors:



Capacities:
25L | 30L | 40L

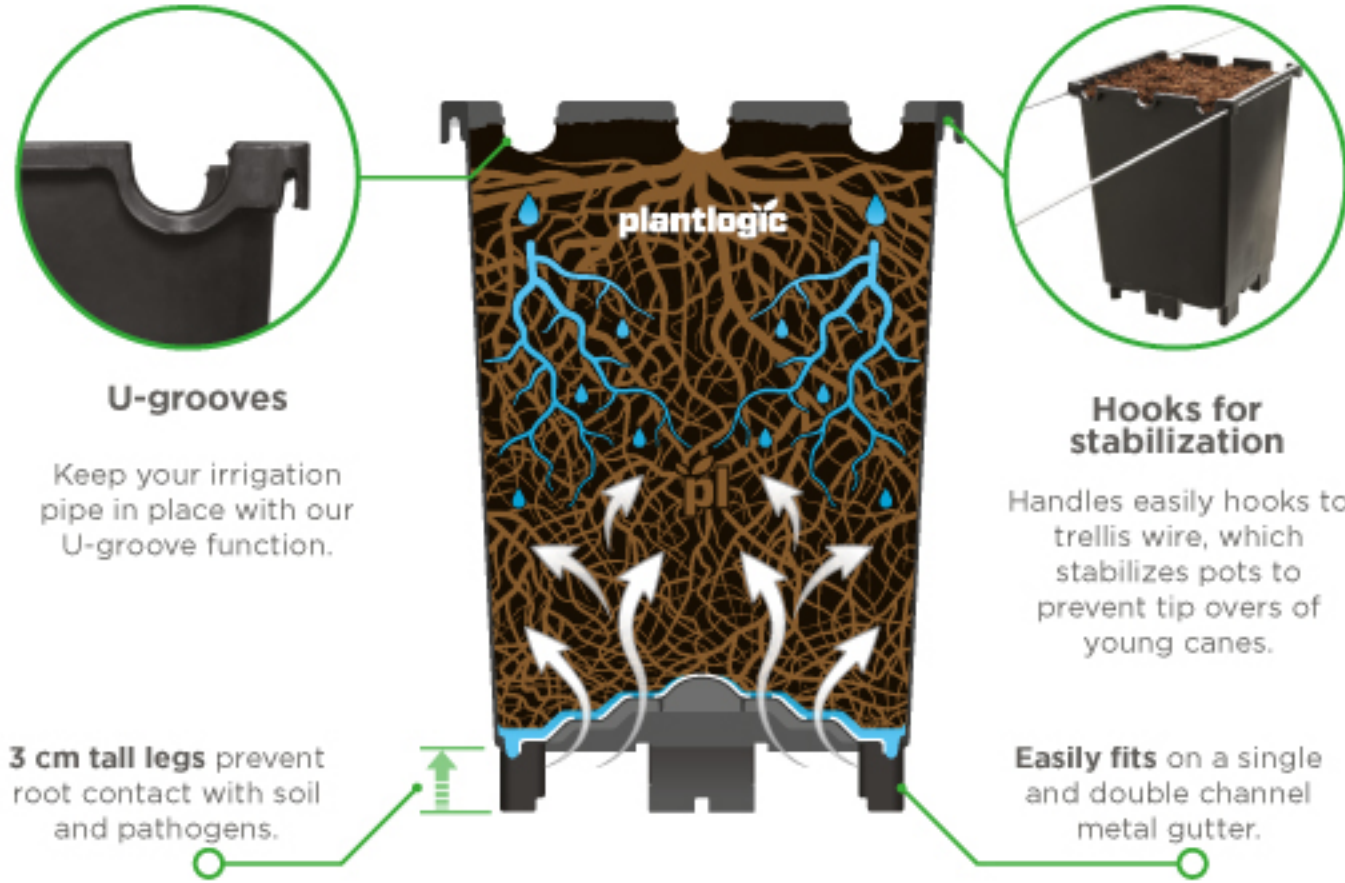


		A	B	C	D
1301144	25L Zephyr pot with 7 cm legs	369 mm	∅ 333 mm	397 mm	70 mm
1301153	30L Zephyr pot with 7 cm legs	420 mm	∅ 333 mm	397 mm	70 mm
1301143	40L Zephyr pot with 7 cm legs	370 mm	∅ 427 mm	500 mm	70 mm



Rubus production

Plantlogic pots are designed to maximize drainage and oxygen uptake to support healthy roots and plant vigor.

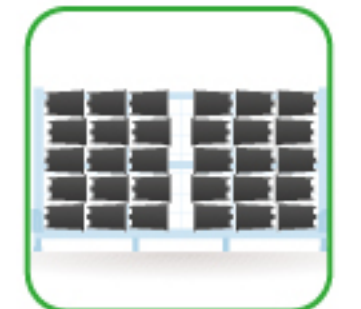


U-grooves
Keep your irrigation pipe in place with our U-groove function.

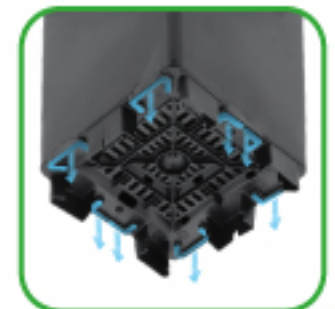
Hooks for stabilization
Handles easily hooks to trellis wire, which stabilizes pots to prevent tip overs of young canes.

3 cm tall legs prevent root contact with soil and pathogens.

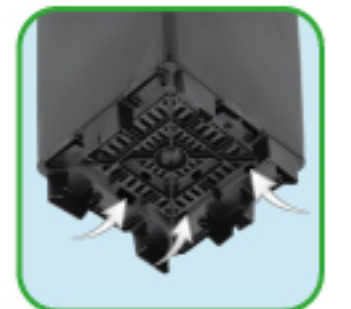
Easily fits on a single and double channel metal gutter.



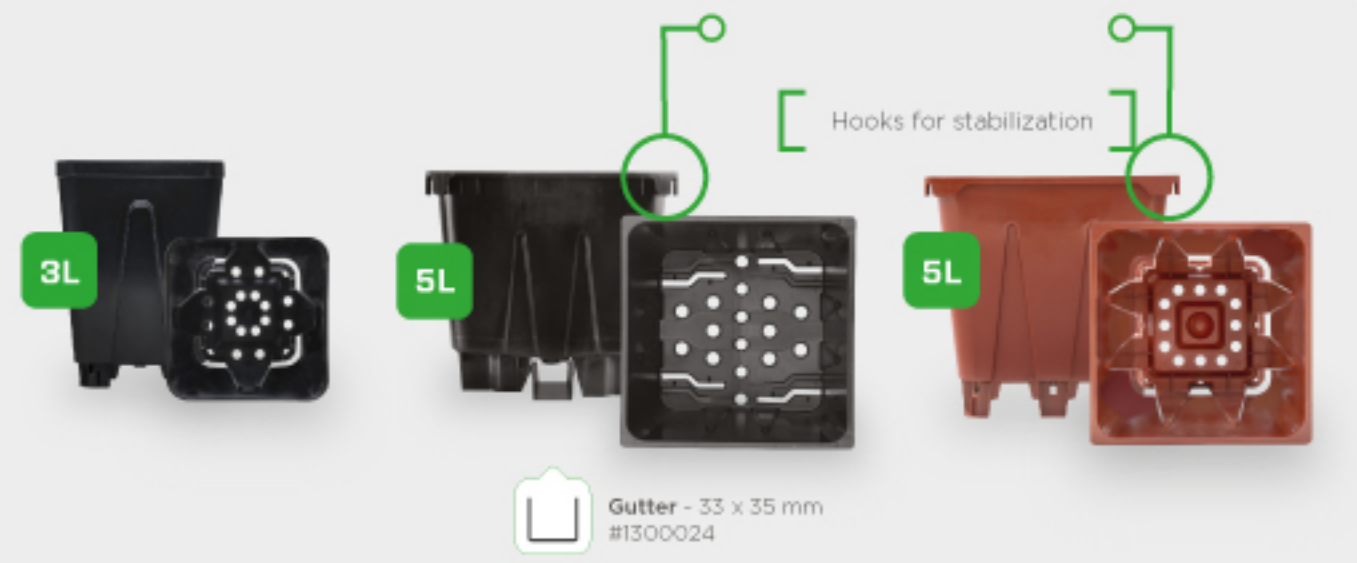
High cold storage efficiency
Allows more units per bin.



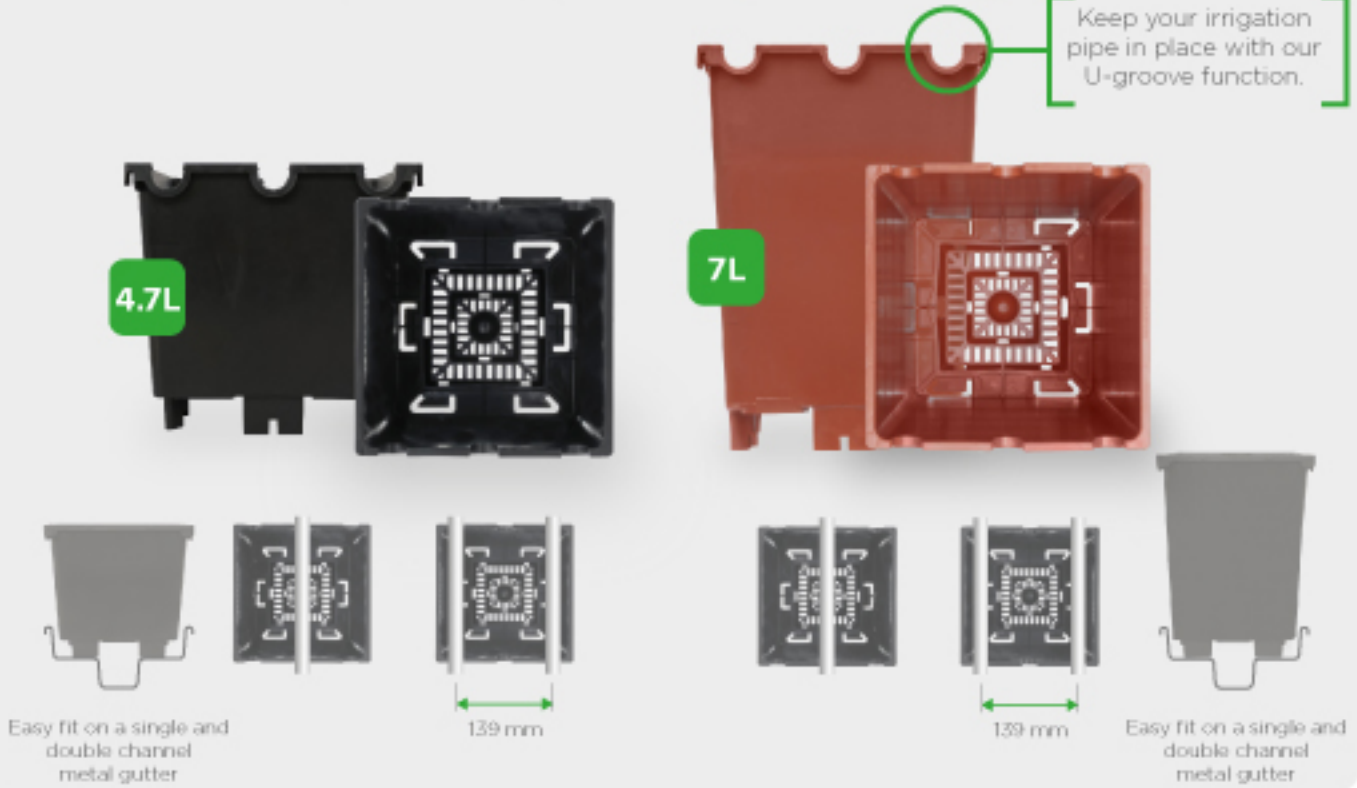
Pyramid base
Causes drainage into high air flow area, where roots air prune.



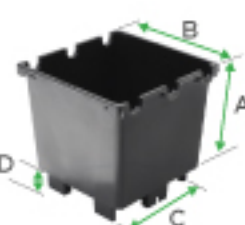
Air flow
Non-draining central holes allow **oxygen uptake** in center of root mass, and prevent roots from growing down.



Specialized pots for high cold storage



Dimensions



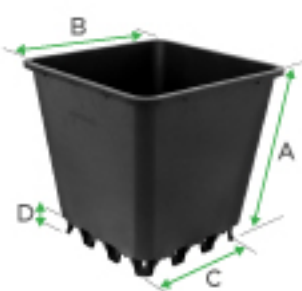
	A	B	C	D
1306003 3L Square Pot With Legs	200 mm	150 x 150 mm	112 mm	20 mm
1305004 4.7L Square Pot For Cold Storage	187 mm	198 x 198 mm	156 mm	25 mm
1306051 5L Square Pot With Legs	202 mm	204 x 204 mm	154 mm	30 mm
1305005 5L Square Drainage Collection Pot	191 mm	208 x 208 mm	163 mm	36 mm
1305071 7L Square Pot For Cold Storage	272 mm	197 x 197 mm	156 mm	25.5 mm

Rubus production



Available colors: Black White Terracotta

Dimensions



		A	B	C	D
1306007	7L Square Pot With Legs	265 mm	201 x 201 mm	140 mm	30 mm
1307107	7L Square Drainage Collection Pot	295 mm	201 x 201 mm	136 mm	46 mm
1309008	8L Square Pot With Legs	212 mm	256 x 256 mm	181 mm	25 mm
1306010	10L Square Pot with Legs	245 mm	276 x 276 mm	189 mm	30 mm
1307110	10L Square Drainage Collection Pot	256 mm	288 x 288 mm	198 mm	55 mm
1309015	15L Square Pot With Legs	338 mm	288 x 288 mm	202 mm	50 mm
1304115	15L Round Drainage Collection Pot	329 mm	∅ 330 mm	193 mm	48 mm
1308303	30L Round Pot With Legs And U-grooves	380 mm	407 x 407 mm	263 mm	30 mm



Add value to your pots with:



Cooling skirts
See page 28.



Gutter
See page 32.



Pot cover
See page 33.



Cannabis production

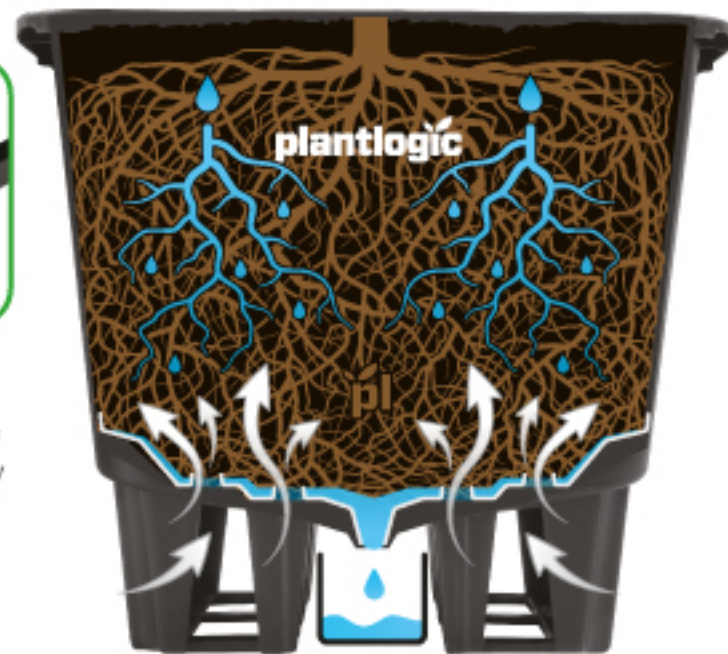
Plantlogic drainage collection pots direct water flow into a narrow gutter which channels drainage out of the growing area. DC pots help control humidity inside tunnels and greenhouses. Also avoid environmental impact of drainage.

Drainage collection pots



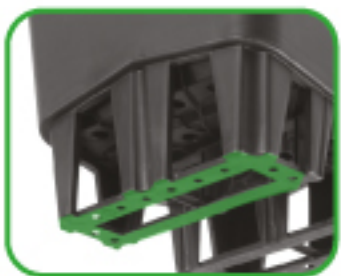
100% drainage collection

Keeps ground free of water and fertilizer by **collecting all drainage** into an economical gutter. Avoids debris and algae buildup in gutter.



Air flow

Non-draining side holes allow **oxygen uptake** in center of root mass, and prevent growing down.



Wide feet

These promote stability even on soft ground.



Excellent drainage

Our unique base design forces water to drain from the center holes, minimizing the wet zone.



Tall legs

Prevent root contact with soil and pathogens.

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Available colors:



Black

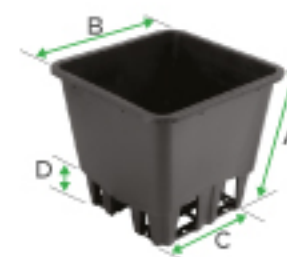


White



Terracotta

Dimensions



		A	B	C	D
1305005	5L Square Drainage Collection Pot	191 mm	208 x 208 mm	163 mm	36 mm
1307107	7L Square Drainage Collection Pot	295 mm	206.1 x 205.3 mm	136 mm	57.4 mm
1307110	10L Square Drainage Collection Pot	256 mm	288 x 288 mm	196 mm	55 mm
1304015	15L Round Drainage Collection Pot	329 mm	∅ 330 mm	193 mm	64 mm
1304125	25L Round Drainage Collection Pot	320 mm	∅ 420 mm	276 mm	70 mm
1307133	30L Square Drainage Collection Pot	343 mm	386 x 386 mm	290 mm	55 mm

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Strawberry production

Tabletop growing systems

Effective for strawberry production

The Hi-grow tabletop strawberry system has been developed from the ground up based on the fundamentals of substrate production - reducing capital costs while improving oxygenation, drainage and separation from drainage. We have broken the tradition of using expensive metal gutters, and offer a breakthrough product that reduces costs while improving quality instead of compromising quality.

Designed to lower cost while increasing yield.

Our latest system includes several versions, from our lowest priced option using tensioned wires, to our premium product built with snap-together metal tubes. It can support troughs and slabs. It is available with and without drainage collection and supports in-line drippers as well as drip stakes.

What sets Plantlogic apart from our competitors is our consistent focus on innovation to improve growers' bottom line. We do this by optimizing root health to improving yields, and increasing labor efficiency. We combine feedback from years of field trials with diverse in-house manufacturing capability including metal forming and plastics. We are able then to combine technologies to develop a truly breakthrough system that saves money and improves yields. It is rare that a product can provide better performance and at a lower price.

While some systems claim to lower grower's upfront cost, they actually increase labor during installation, increase substrate costs, or reduce substrate utilization. We haven't cut corners on quality or plant performance.



Rail Version - Trough system



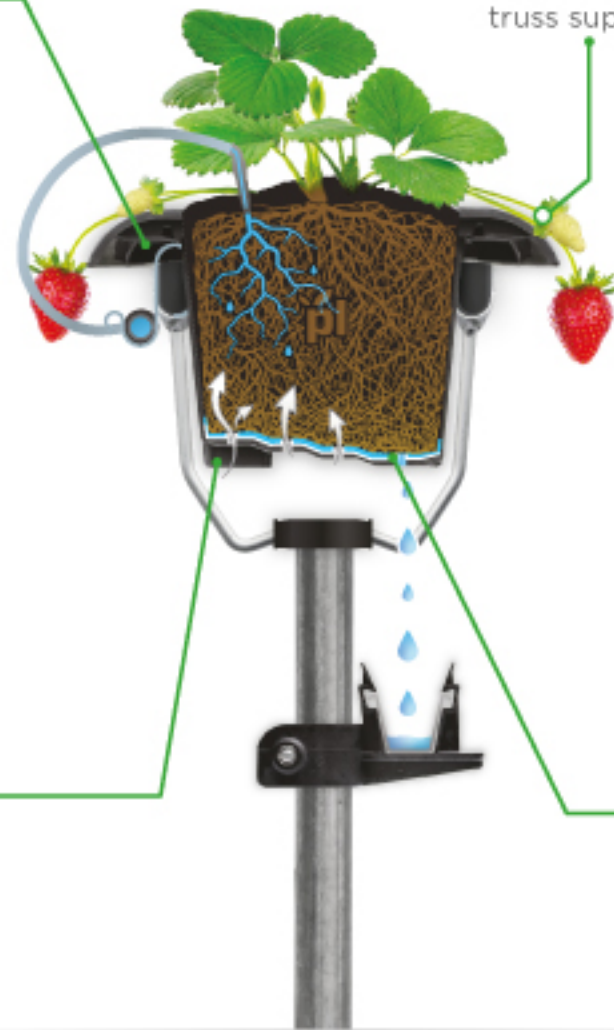
Wire clips specially designed for in-line or lateral irrigation



Maximize the crop area
Overlapping handles saves space along row.



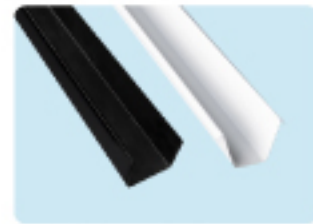
Maximize airflow and oxygenation



Wide handle provides strawberry truss support.



Cost less than other tabletop substrate systems.



Optional drainage collection
Helps control humidity in greenhouses and tunnels.



Excellent drainage

Rail Version - Slab system



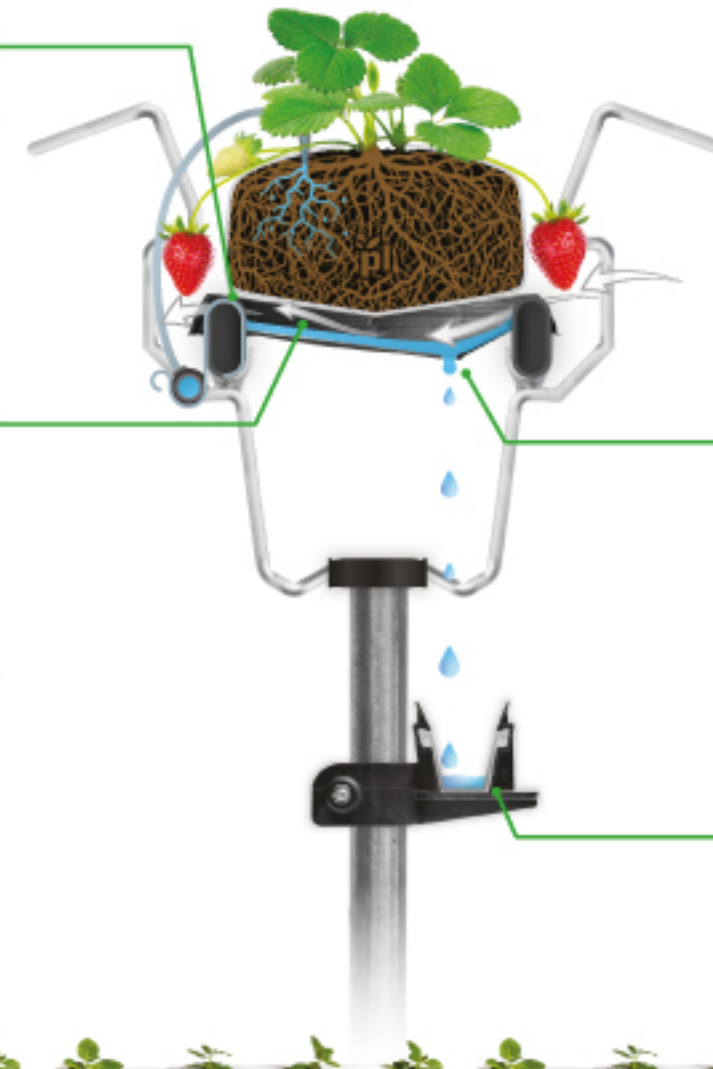
Wire clips specially designed for lateral irrigation



Maximize airflow and oxygenation



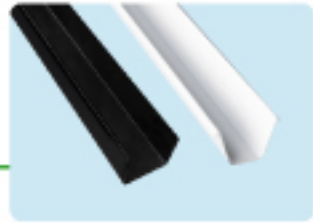
Able to be upgraded to the trough version at anytime



Lower upfront capital expense.



Excellent drainage



Optional drainage collection
Helps control humidity in greenhouses and tunnels.

Drainage collection keeps ground dry and prevents pollution from fertilizer runoff.

Drainage collection prevents groundwater pollution from run off.

Non-drainage collection, plastic or metal gutter available.

Save money by using bulk substrate.

Avoids debris and algae buildup in gutter.

Hard troughs allows moving of plants from nursery to production area without damaging roots.



Specialized troughs for Hi-Grow® System

9L Trough with truss support.



18L Trough with truss support.

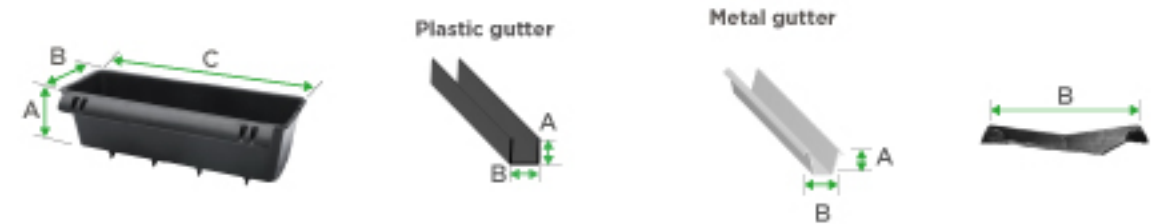


Slab base



Available colors: Black White Terracotta

Dimensions



		A	B	C
1305409	9L Trough For Strawberries, With Truss Support	156 mm	257 mm	511 mm
1305909	18L Trough For Strawberries, With Truss Support	142 mm	165 mm	1014 mm
1302809	Slab base for rail grow	-	205 mm	-
1300010	Plastic gutter	45 mm	50 mm	-
30050008	Metal gutter	32 mm	-	-

Vegetable production

Substrate slab bases

Plantlogic's substrate slab bases provide greater benefits and savings per linear meter in comparison to other flat spacers and wide gutters on the market which makes them ideal for growing tomatoes, peppers, cucumbers, and other vegetables in grow bags. And the best part is installation is fast and simple, doesn't require complex assembly work or reinforcing gutter walls, which translates into significant savings in time and labor.

Maximize your vegetable production with Kratos

Kratos is a growing system that consists of a V shaped base with 3.75 in (9.5 cm) height that keeps grow bags and slabs off the ground and a narrow gutter that collects all drainage water under the bags. Kratos narrow gutter is cheaper and cleaner (leaves and fruit cannot fall into the narrow gutter) and it's also easier to manage and drainage flows much better than traditional wide gutters.

Kratos is more economical than the traditional spacer and wide gutter system and much easier to install. Additionally, unlike

other spacers in the market whose legs easily break or their bases collapse with the weight of bags, Kratos is made of high-density polyethylene with UV protection that guarantees a sturdy and durable product that can be reused for several crop cycles.

Rivus is double functionality at the best price

Rivus is a 2-in-1 spacer that works as a base for the bags and as a drainage collection gutter. Its 2.36 in (6 cm) tall platforms keep roots out of drainage and pushes drainage to the edges, providing more consistent moisture distribution across the grow bags. Open airflow underneath keeps roots off the ground preventing contact with pathogens.

Rivus main advantage over other spacers in the market is its built-in gutter that keeps the floor of your greenhouse free of puddles and allows the reuse of excess water. In addition, price per linear meter is cheaper compared to other plastic spacers and traditional wide gutter. Installation is easy and simple.

Kratos Slab base

The Kratos, with its unique and exclusive V- shape design, channels all drain water into a narrow gutter which runs under the center of the spacer. The open space between the slab and the gutter provides aeration and prevents the roots from growing out of the slab and into contact with drainage water.



Simple to use

Easy and fast installation. Easy to wash and disinfect.



Airflow and Oxygenation

Keeps roots off the ground and out of the gutter, preventing contact with pathogens.



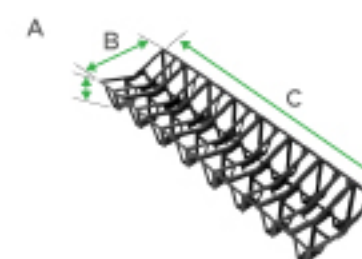
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Clean

Fruits and leaves can't fall into the gutter.

Dimensions



Plastic gutter



Narrow gutter

Keeps ground free of water by collecting all drainage below the slab, avoiding the dirt buildup and algae formation common in wide gutters.

Durable

UV stabilized.



Supported weight
90 kg

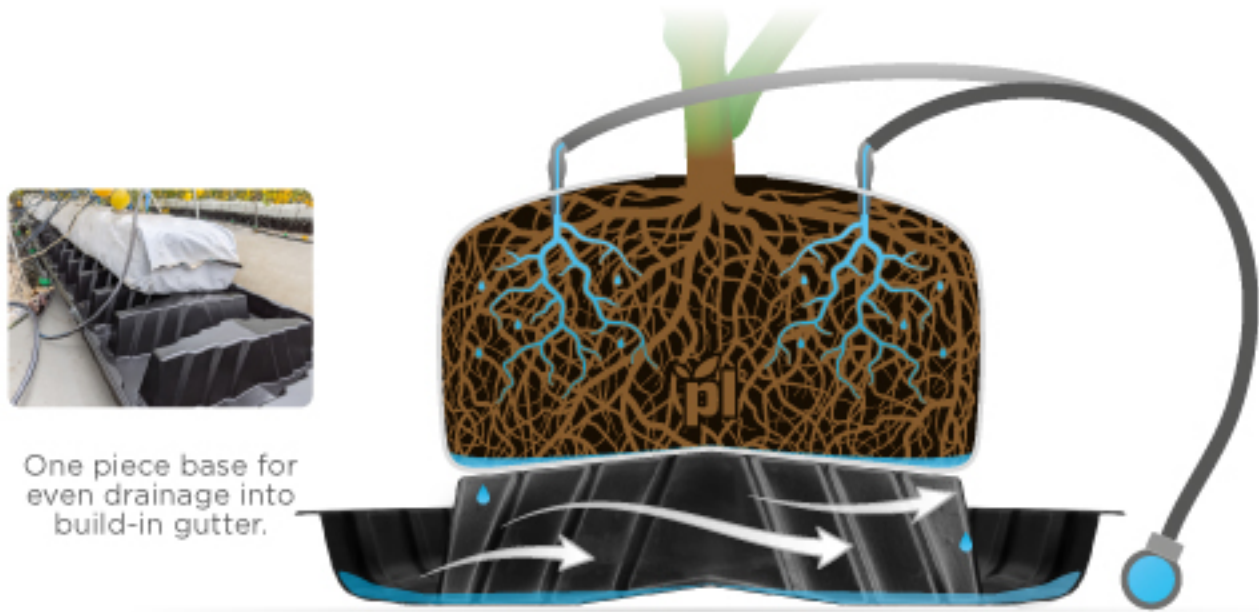
		A	B	C
1301081	Kratos slab base	95 mm	222 mm	750 mm
1300011	Plastic gutter	35 mm	50 mm	-

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Rivus 2-in-1 Slab base

The Rivus, with its unique 2-in-1 design, works as a base and as drainage collection gutter. This enhances the performance of grow bags and slabs by providing them with greater oxygenation and uniform drainage.

Rivus costs much less than other plastic and metal gutters and it's delivered to your farm in 2, 4 or 8-meter pieces which overlap one on top of the other to fit any length.



One piece base for even drainage into build-in gutter.



60mm tall platforms

Keep roots out of the drainage and pushes drainage to the edges.



Cost effective

More economical than wide gutter and spacer.



One piece design

Is easy to install and maintain.

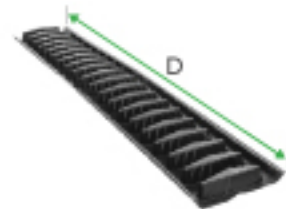


Airflow and Oxygenation

Open airflow underneath keeps roots off the ground preventing contact with pathogens.

*Supported weight 60 kg

Dimensions



Available colors: Black White

		A	B	C	D
13020500	Rivus slab base - Black	60 mm	320 mm	205 mm	2, 4, 8 m
13020502	Rivus slab base - Black and white	60 mm	320 mm	205 mm	2, 4, 8 m
13020510	Rivus end cap - Black	60 mm	320 mm	205 mm	-
13020512	Rivus end cap - Black and white	60 mm	320 mm	205 mm	-



Specialized pots for vegetable production

10L Drainage collection pot



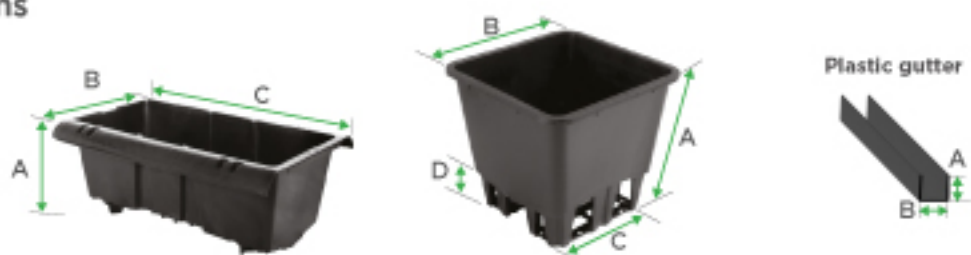
17L Drainage collection pot



25L Drainage collection pot



Dimensions



		A	B	
130710	10L Drainage collection pot	256 mm	289 mm	288 mm
1305117	17L Drainage collection pot	201.8 mm	325.6 mm	511.9 mm
1304125	25L Drainage collection pot	320 mm	Ø 420 mm	Ø 420 mm
1300010	Plastic gutter	45 mm	50 mm	-



Cooling options for high solar radiation zones

- Provide shade to the roots.
- Allow air flow under the pot.
- Reduce root temperature.
- Available in custom colors.
- Promotes even root development and prevents salt accumulation.
- Save water and simplify irrigation. No need to use irrigation water just to cool roots.



Pot temperature without cooling skirt.



Pot temperature with cooling skirt.



Pot temperature with cooling skirt raised.

Cooling options



Cooling skirt

- Adjustable, can be lowered or raised with hose clip, to heat/cool the pots.
- Reduce up to 10 degrees Celcius.
- Cooling skirt doesn't block air flow under pot.



Pot cover

- Prevents weed growth.
- Shades pot and substrate on top, keeping it cool.
- Cools the pot, even the substrate on top keeping it wet.

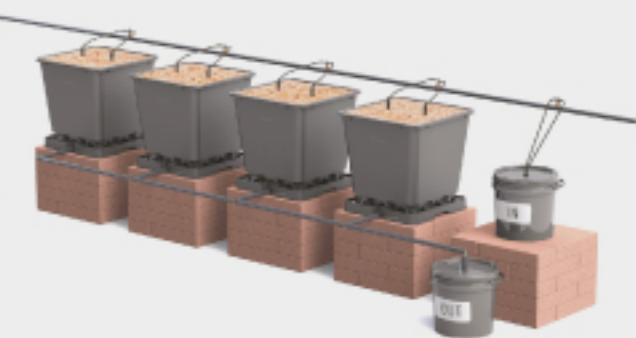


Add value to your product

Lysimeters kit

Drainage flows directly into closed container to provide accurate and clean drainage samples for measuring drainage volume, pH and EC.

Lysimeters kit includes IN for drip and OUT for leachate buckets.



Lysimeters

Low cost tool for accurate drainage for leachate monitoring.

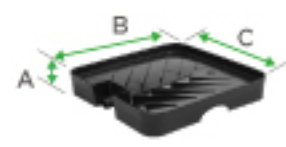


Item #1301010



Item #1301030

Dimensions



		A	B	C
1301010	Small lysimeter	35 mm	216 mm	216 mm
1301030	Large lysimeter	38 mm	316 mm	316 mm

Add value to your products

Wire clip

Holds irrigation pipe and keeps hose in place.

Perfect fit to the pot.

Available for 16 mm, 18 mm & 20 mm pipes sizes.



Hose clips

Holds irrigation pipe.

Holds cooling skirt in place.

Save money by using more than 50% less micro tubing.



Item #1205001



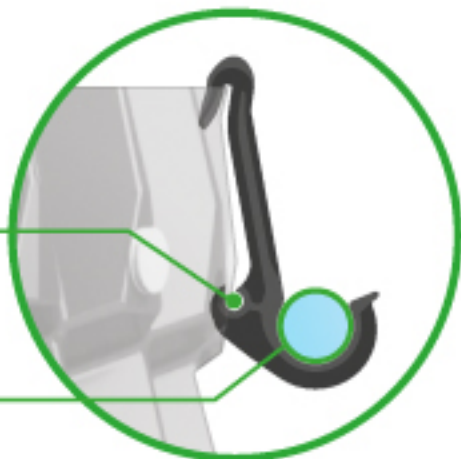
Item #1205002

Hose clip for Zephyr V2

Keeps the irrigation hose in place.

Reduces chance of damage to micro tube, stake and emitters by raising off the ground and away from worker traffic.

With support for guide wire.



Item #1700149



M-stakes for gutter

Keeps the gutter in place on uneven ground.

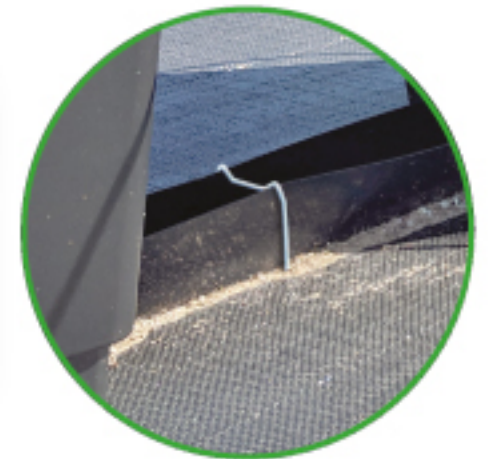
M-stake holds the sides of the gutter vertically.

M-stake ensures constant water flow.

Compatible with 5 cm / 2" wide gutter.



Item #1700146





Plastic gutter

Keeps ground free of water
 Narrow and cheap gutter design collects 100% of the water waste.
 Narrow gutter prevents clogging by dirt and old leaves, making it easier to clean.
 Prevents contamination of the soil and aquifers due to chemical fertilizers.

Drainage collection helps control humidity in greenhouses.

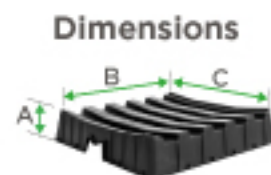
Save on water, fertilizer and fungicides.



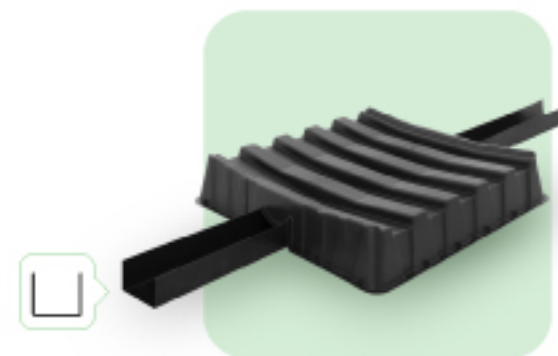
Add value to your products

Drainage collection bag base

Base for growing bags.



Gutter - 45 x 50 mm
 #1300010



	A	B	C
1301036 Bag Base, for Drainage Collection	65 mm	372 mm	372 mm

Pot cover

Saves pruning labor by preventing raspberry sucker growth at the edge of the pot.

Stops unwanted weeds competing with your crop for water and nutrition.

Easily and securely locks to the pot to prevent being pushed off by weeds or suckers.

Keeps the irrigation hose in place.



Item #1310110

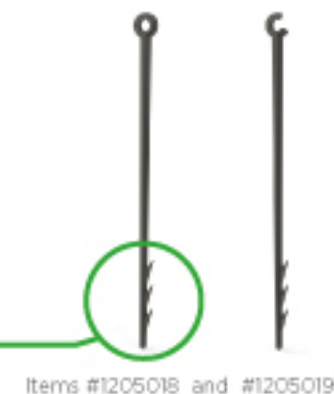


Microtube stake

Easy to place the Micro tube with or without dripper.

*Save Money on stakes using your current fertigation system.

Barbs help hold the stake securely in the substrate.



Items #1205018 and #1205019