



PRODUCT CATALOG

oasis[®]
GROWER SOLUTIONS



SMITHERS-OASIS



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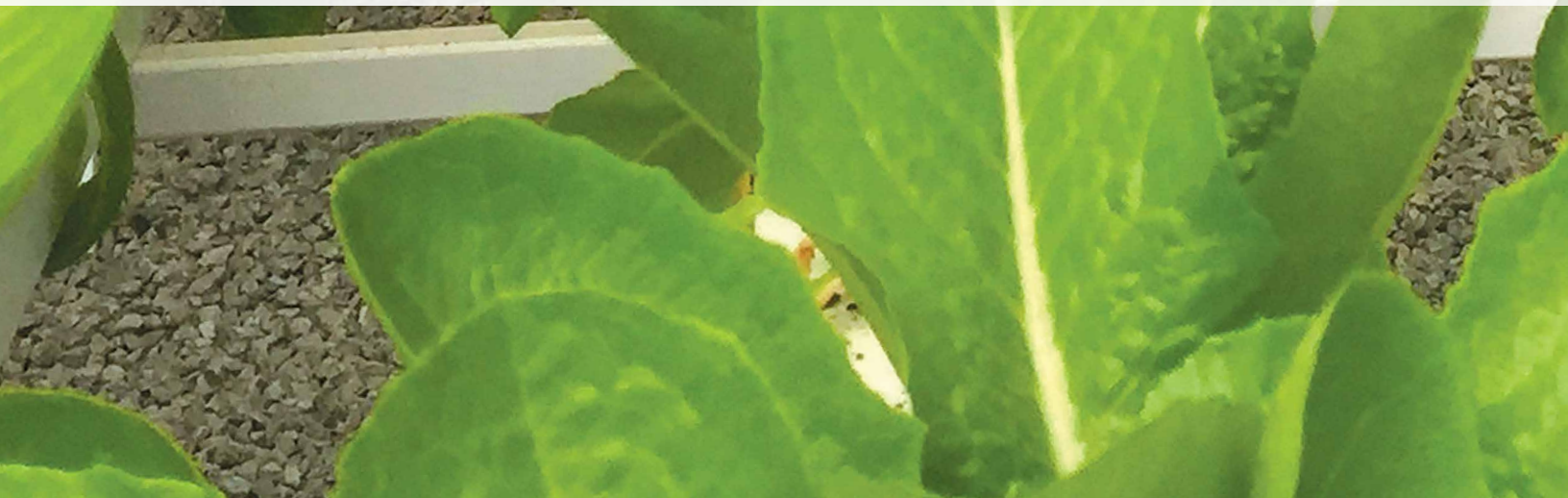
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About OASIS® Grower Solutions

For more than 60 years, Smithers-Oasis has become the leading global manufacturer and marketer of cellular growing media, postharvest products and floral foam and accessories. The OASIS® Grower Solutions brand has supplied breeders and growers of every size globally with quality propagation media for vegetative plants, flowers and seed germination. Today, we are the only company in the industry with a complete line of solutions throughout the plant journey as well as innovative technologies for plant transportation.

Our worldwide locations ensure that growers everywhere can rely on products to grow not only incredible plants, but their businesses as well. Our biggest motivator is your success. We strive to always conform to product specifications and levels of performance that meet or exceed our customers' expectations. Every member of our organization is dedicated to this.

Our goal is to continue to lead the industry in innovation, providing unparalleled products, education, inspiration and support. Our R&D team takes a simple, straightforward and scientific approach to solving the needs that growers encounter. We study the problems, test solutions and respond—from helping growers get more plants to market using the same amount of space to developing an environmentally friendly line of ecologically sustainable (eS) products.

Our ultimate objective—to deliver uncompromised success along the entire plant journey.

We Follow the Plants and Flowers.

InVitro Express

OASIS[®] Grower Solutions Foam Medium
Tissue Culture medium for InVitro root development,
rapid handling at transplant, and faster greenhouse growth



Features and Benefits of InVitro Express

- InVitro Express is a cellular foam, that is free of biotic pests and is autoclavable
- The cellular foam can allow both liquid culture and semisolid culture. The foam matrix is inert and does not bind water or nutrients
- With liquid culture, water and nutrients are readily available and can promote superior plantlet growth
- Star dibble hole design allows for easy insertion of micro shoots of varying stem caliper
- Unique cell structure and geometry of the foam provide ideal air to water ratio for optimal rooting success
- The specialized media density and strength allow development of strong and vigorous root systems
- Sugar containing media in the foam rinses off quickly by flushing with watering hose and nozzle without damaging the roots, while achieving labor savings
- Microplants are separated with roots protected in the intact foam cubes, thereby minimizing root damage and also allowing easy handling at transplant
- Superior InVitro root development and minimal root damage at transplant allow better survival and rapid greenhouse growth
- InVitro Express comes in different sizes to be used with rigid or flexible vessels

Breakthrough technology from OASIS[®] Grower Solutions can replace agar with cellular foam and allow plantlets to root in liquid medium while maintaining optimal aeration. Additionally, if semisolid culture is required, agar media can be added to the foam. InVitro Express was developed to promote superior root development and shoot growth, quicker acclimatization as well as to enhance greenhouse growth while reducing labor costs by simplifying the transplanting process.

InVitro Express cellular foam creates an ideal environment for uniform rooting and protects roots through transplanting. The culture medium can be held in a liquid state or semisolid state. Prior to transplant, the media is easily rinsed away without damaging the young roots. When ready for transplant, the cubes are separated with the roots and foam intact, simplifying the transplanting process and increasing success rates in the greenhouse.

Item #	Count	Description	Plugs Per	Items per	Cases/Pallet
87-70350	35CT	InVitro Express	26250/CS	750/CS Sheet Only	12
87-78350	35CT	InVitro Express	5460/CS	156/CS	45
87-77300	30CT	InVitro for RV750	7200/CS	240/CS Sheet Only	45
87-77350	35CT	InVitro for RV750	8400/CS	240/CS Sheet Only	45
87-77250	25CT	InVitro for RV750	5600/CS	224/CS Sheet Only	45
87-70003		InVitro RV750 (Base & Lid)		100/CS	32
87-70004		InVitro Vent Patch for RV750		500/CS	100



Rootcubes®

OASIS® Grower Solutions Foam Media
Engineered media for increased
Rooting success



Features and Benefits of Rootcubes®

- Ready-to-use in numerous configurations right out of the box
- The consistency of the media creates more uniform rooting success
- Provides ideal air to water ratio
- Superior cutting hydration: less need for misting simplifies growing process
- Low cation exchange properties: Improves the speed, precision and availability of nutrients
- Sterile media arrives pathogen-free to help reduce disease and insect problems
- Roots remain undisturbed during transplant, eliminating plant shock
- Easy to separate cubes

Rootcubes growing medium is an engineered hydrophilic foam specifically designed for optimal callus and rapid root development. This cutting propagation medium was designed with the perfect balance of air and water to encourage plant growth and get unrooted cuttings off to a strong start. Rootcubes growing media contains just the right amount of starter nutrients and is an especially economical propagation media. With a low cation exchange capacity, Rootcubes allows for rapid nutrient availability without danger of salt accumulation. It is pathogen-free, providing an environment which helps reduce disease and insect problems. Rootcubes growing medium is manufactured in sheet form, with individual cells shaped like cubes. Perfect for a wide variety of crops, Rootcubes media is available in sheets of various configurations that fit conveniently into a standard 1020 plastic tray.

Best for (crops): unrooted cuttings such as poinsettias, geraniums, hibiscus, New Guinea impatiens, fuchsia, foliage, perennials, and woody ornamentals

Item #	Count	Description	Plugs Per	Items per	Cases/Pallet
5018	10CT	Rootcubes Strips- Uncut and Unpunched	1900/CS	190/CS	24
5020	10CT	Rootcubes Strips	1900/CS	190/CS	24
5015	50CT	Rootcubes 1.5"	1000/CS	20/CS	24
5010	104CT	Rootcubes 1.25"	2080/CS	20/CS	24
5012	104CT	Rootcubes No Hole 1.25"	2080/CS	20/CS	24
5005	162CT	Rootcubes 1"	3240/CS	20/CS	24
5036	276CT	Rootcubes	5520/CS	20/CS	24
87-09990		Rootcubes Plain Sheet		20/CS	18
87-50117		Rootcubes Callusing Strip		20/CS	12



Rootcubes® Plus

OASIS® Grower Solutions Foam Media
Engineered media for increased
Rooting success



Rootcubes Plus is the first propagation media designed to improve the rooting performance of hard-to-root and slow-to-root cuttings. This technology promotes uniform rooting so that all cuttings are ready for transplant at the same time. With the more vigorous root system in Rootcubes Plus, the cuttings become established more quickly after transplant. Additionally, faster crop turns mean increased efficiency and the ability to fill last-minute orders more responsively. Rootcubes Plus adds value by enabling growers the opportunity to increase flexibility in both crop scheduling and bench space.

Best for (crops): hard-to-root cultivars

Features and Benefits of Rootcubes® Plus

- Ready-to-use in numerous configurations right out of the box
- The consistency of the media creates more uniform rooting success
- Provides ideal air-to-water ratio
- Superior cutting hydration: Less need for misting simplifies growing process
- Low Cation exchange properties: Improves the speed, precision and availability of nutrients
- Sterile media arrives pathogen-free, to help reduce disease and insect problems
- Roots remain undisturbed during transplant, eliminating plant shock
- Easy to separate cubes

Item #	Count	Description	Plugs Per	Items per	Cases/Pallet
87-50501	50CT	Rootcube Plus Star Dibble	1000/CS	20/CS	24
87-51621	162CT	Rootcube Plus 1"	3240/CS	20/CS	24



Rootcubes® Wedge®

OASIS® Grower Solutions Foam Media
Engineered Media with tapered plug design
for consistent and uniform rooting



Rootcubes Wedge is an engineered foam medium with a distinctive design that tapers in shape from top to bottom, for cutting propagation. Along with optimal air to water ratios for fast, uniform rooting, this unique shape aids in directing roots downward for a more rapid development, resulting in greater crop turnover and overall productivity for the grower. Each cell is singulated, therefore there is no tangling of the fibrous root systems.

Rootcubes Wedge comes preloaded in either a strip or tray and is immediately ready to use by a grower upon receipt. The unique technology of Rootcubes Wedge allows for faster cutting establishment, and improves the rooting success. Rootcubes Wedge is a scientific approach to the propagation of challenging and hard-to-root crops.

Features and Benefits of Rootcubes® Wedge®

- Sterile media arrives pathogen-free to help reduce disease and insects
- Ready to use media: available in many shapes and configurations for maximum flexibility
- Engineered media designed with the ideal air to water holding ratio for uniform and consistent rooting
- “Universal” star dibble holes make sticking cuttings fast and easy
- Superior cutting hydration reduces the need for excessive misting
- Low cation exchange capacity for rapid nutrient availability
- Easy to hydrate and allows for simple water management during the course of propagation
- Early and rapid transplant with minimal shock to the young plant

Best for (crops): poinsettias, mandevilla, hibiscus, roses, clematis, and other woody ornamentals

Item #	Count	Description	Plugs Per	Items per	Cases/Pallet
87-50010	10CT	Wedge Strips	2240/CS	224/CS	16
5680	12CT	Rootcubes Strip with Plastic	2112/CS	176/CS	12
5646	13CT	Long Wedge Refill Foam Only	4368/CS	336/CS	12
5648	13CT	Long Wedge Strip	3744/CS	288/CS	12
87-50013	13CT	Wedge Strip	2912/CS	224/CS	16
5615	34CT	Wedge Refill Strips - Foam	2040/CS	60/CS	40
5625	34CT	Wedge Double Strips	2448/CS	72/CS	16
5643	102CT	Wedge Filled Trays	1020/CS	10/CS	40
5615NH	34CT	No-Hole Wedge Refills - Foam Only	2040/CS	60/CS	40
5600		Carrier Tray For Wedge 10, 13 & 34CT		75/CS	32
87-50224		Strip Connector Clip w/Wedge 10 & 13Ct	224/CS	280/CS	196
5641		Tray Only For 102Ct Wedge 10X20		40/CS	24



Rootcubes® Plus Wedge®

OASIS® Grower Solutions Foam Media
Tapered Design



Features and Benefits of Rootcubes® Plus Wedge®

- First propagation media designed for a specific plant
- Provides more uniform and consistent root development
- Faster crop turnover allowing for more flexibility in crop scheduling
- Improved greenhouse efficiency
- Quicker establishment after transplant helping to reduce crop shrink
- Unique tapered design

Rootcubes Plus Wedge is the first propagation media designed to improve the rooting performance of a specific plant — POINSETTIAS. Tailored to the needs of the valuable, yet slow-to-root poinsettia cuttings, Rootcubes Plus Wedge speeds up the poinsettia propagation process by five full days. This technology promotes uniform rooting so all cuttings are ready for transplant at the same time. With the more vigorous root system in Rootcubes Plus Wedge, the poinsettias become established more quickly after transplant. Additionally, faster crop turns mean increased efficiency and the ability to fill last-minute orders more responsively. The Rootcubes Plus Wedge adds value by enabling growers the opportunity to increase flexibility in both crop scheduling and bench space.

With standard Rootcubes Wedge growing medium, normal poinsettia propagation takes about 24 days. With Rootcubes Plus Wedge, the same process takes just 19 days. It also gives you a more uniform root development, making it easier to transplant rooted cuttings. The Rootcubes Plus Wedge is a plant-friendly media with an ideal air-to-water ratio and the proprietary foam chemistry promotes faster and uniform rooting in poinsettias.

Best for (crops): poinsettias

Item #	Count	Description	Plugs Per	Items per	Cases/Pallet
87-55010	10CT	Rootcubes Plus Wedge Strips	2240/CS	224/CS	12
87-55013	13CT	Rootcubes Plus Wedge Strips	2912/CS	224/CS	12
87-55135	13CT	Rootcubes Plus Wedge Star Dibble 336 Strips X 13 Units	156/CS	12/CS	12



Horticubes®

OASIS® Grower Solutions Foam Media
Fast, Clean, Consistent Growing for Hydroponics



Features and Benefits of Horticubes®

- Ideal air-to-water ratio for fast germination
- Sterile media allows for a clean, pathogen free start
- Specialized media density allows for fast and easy root penetration within just 7 days
- Nutrients absorbed more efficiently with the vigorous root systems
- Fast root development helps achieve maximum scheduling flexibility
- Durable foam minimizes clogging of irrigation filters
- No fertilizer added to allow for total hydroponic nutrition control
- No cation exchange capacity provides easily steerable solution
- Wide range of configurations and sizes for ultimate control of spacing and timing
- Uniform moisture throughout the media regardless of the irrigation method
- Consistent dibble hole spacing permits automated seeding

Horticubes growing medium is a lower density and higher drainage foam is specially engineered for the hydroponics seed germination of vegetables and herbs. The Horticubes higher drainage design helps to maintain an ideal air-to-water balance, even under heavy watering conditions. The enhanced drainage also keeps the top of the media drier, helping to minimize algae growth. The lower density of the Horticubes foam medium enables superior root growth. Growers will appreciate the simplicity that Horticubes brings to the challenges of hydroponic production. When OASIS® Grower Solution Hydroponic Fertilizer is used in the initial watering of the Horticubes, the seedling growth increases by 200%. All Horticubes media are manufactured in a “sheet” style, which fits easily into the industry’s standard “1020” trays. Each Horticubes sheet is pre-scored for easy separation of a single cube, a block of cubes, or a strip of cubes.

Best for (crops): lettuce, herbs, and other vegetables

Item #	Count	Description	Plugs Per	Items per	Cases/Pallet
5200		Horticubes Bricks		48/CS	30
5245	50CT	Horticubes 1.5" - Top Groove	1000/CS	20/CS	24
5240	104CT	Horticubes 1.25" - Top Groove	2080/CS	20/CS	24
87-11043	104CT	Horticubes Single Seed Bottom Groove 1.25"	2080/CS	20/CS	24
5225	162CT	Horticubes 1" - Top Groove	3240/CS	20/CS	24
5231	276CT	Horticubes - No Groove	5520/CS	20/CS	24
87-12762	276CT	Horticubes Multi Seed - No Groove	5520/CS	20/CS	24



Horticubes® XL

OASIS® Grower Solutions Foam Media
Fast, Clean, Consistent Growing for Hydroponics



Features and Benefits of Horticubes® XL

- Ideal air to water ratio for fast germination
- Sterile media allow for a clean, pathogen free start
- Specialized media density allows for fast and easy root penetration within just 7 days
- Nutrients absorbed more efficiently with the vigorous root systems
- Increases seedling growth by 35% more than the original Horticubes foam medium
- Fast root development helps achieve maximum scheduling flexibility
- Durable foam minimizes clogging of irrigation filters
- No fertilizer added to allow for total hydroponic nutrition control
- No cation exchange capacity provides easily steerable solution
- Wide range of configurations and sizes for ultimate control of spacing and timing
- Uniform moisture throughout the media regardless of the irrigation method
- Consistent dibble hole spacing permits automated seeding

Horticubes XL is specifically developed for professional hydroponic growers. The specialized media density and fine cell structure promote faster, stronger root growth. In addition, the fine cell structure and drainage properties provide uniform moisture and hydroponic nutrients throughout the media—whether you use overhead irrigation or sub-irrigation. The root penetration happens much faster, and secondary roots develop and grow much more readily. A more vigorous root system means nutrients can be absorbed more efficiently for stronger plants with faster growth. In fact, Horticubes XL has been proven to boost both root growth and top growth of seedlings by up to 35% over original Horticubes foam medium. This can mean quicker, more successful transplants and significant time savings for growers with the capability to increase annual crop turns on plants like lettuce and herbs.

When OASIS® Grower Solutions Hydroponic Fertilizer is used in the initial watering of the Horticubes XL, the seedling growth increases by 200%

Horticubes XL was extensively tested and the studies prove that the growing medium is safe for growing edible crops. In addition, this medium is made from inert materials and is free of any pathogenic bacteria that can be associated with foodborne illnesses. Furthermore, Horticubes XL has no carcinogenic or mutagenic properties in the foam medium, so these properties do not pass to the plant grown in the media.

Top and bottom grooving are available, with bottom grooving being a great choice for more fibrous root systems to help minimize tangling. The flexibility of different dibble holes allows for opportunities in both single and multi-seed sowings, all of which helps Horticubes XL give an extra-large boost to your seed propagation success.

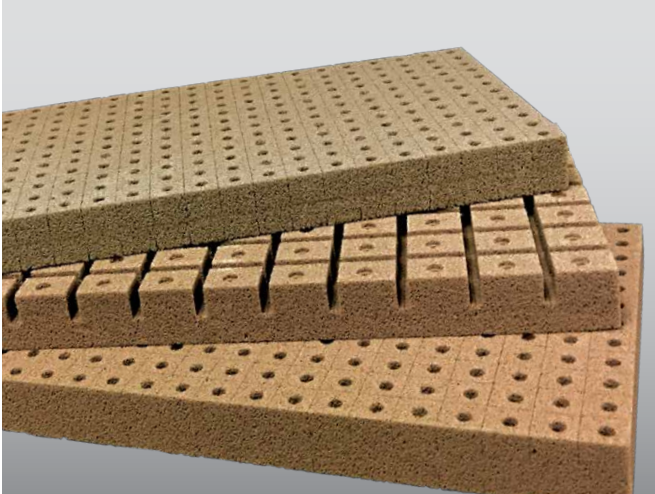
Best for (crops): lettuce, herbs and other vegetables

Item #	Count	Description	Plugs Per	Items per	Cases/Pallet
87-20501	50CT	Horticubes XL Single Seed Top Groove 1.5"	1000/CS	20/CS	18
87-20502	50CT	Horticubes XL Multi Seed Top Groove 1.5"	1000/CS	20/CS	18
87-20503	50CT	Horticubes XL Single Seed Bottom Groove 1.5"	1000/CS	20/CS	18
87-20504	50CT	Horticubes XL Multi Seed Bottom Groove 1.5"	1000/CS	20/CS	18
87-21041	104CT	Horticubes XL Single Seed Top Groove 1.25"	2080/CS	20/CS	24
87-21042	104CT	Horticubes XL Multi Seed Top Groove 1.25"	2080/CS	20/CS	24
87-21043	104CT	Horticubes XL Single Seed Bottom Groove 1.25"	2080/CS	20/CS	24
87-21044	104CT	Horticubes XL Multi Seed Bottom Groove 1.25"	2080/CS	20/CS	24
87-21621	162CT	Horticubes XL Single Seed Top Groove 1"	3240/CS	20/CS	24
87-21622	162CT	Horticubes XL Multi Seed Top Groove 1"	3240/CS	20/CS	24
87-21623	162CT	Horticubes XL Single Seed Bottom Groove 1"	3240/CS	20/CS	24
87-21624	162CT	Horticubes XL Multi Seed Bottom Groove 1"	3240/CS	20/CS	24
87-22761	276CT	Horticubes XL Single Seed	5520/CS	20/CS	24
87-22762	276CT	Horticubes XL Multi Seed	5520/CS	20/CS	24
87-22765	276CT	Horticubes XL Single Seed	4416/CS	16/CS	24



Horticubes[®] eS

OASIS[®] Grower Solutions Foam Media
Enhanced Biodegradable Engineered
Media for Hydroponics



Features and Benefits of Horticubes[®] eS

- Horticubes eS foam has been shown by ASTM D5511 to biodegrade 75% within 335 days in a biologically active landfill condition
- Ideal air-to-water ratio for fast and uniform germination
- Specialized media density allows for fast and easy root penetration
- Clean media allows for a healthy, disease and pathogen free start
- Durable foam minimizes clogging of irrigation filters
- No fertilizer added to allow for total hydroponic nutrition control
- No cation exchange capacity provides easily steerable solution
- Uniform moisture throughout the media regardless of the irrigation method
- Consistent dibble hole spacing permits automated seeding
- Consistent dibble hole shape and depth promotes uniform germination and growth

Horticubes eS a growing medium is a lower density and higher drainage foam specially engineered for the hydroponics seed germination of vegetables and herbs. The Horticubes eS higher drainage design helps to maintain an ideal air to water balance, even under heavy watering conditions. The enhanced drainage also keeps the tops of the media drier, helping to minimize algae growth. The lower density of the Horticubes eS foam medium enables superior root growth. Growers will appreciate the simplicity that Horticubes eS brings to the challenges of hydroponic production. When OASIS[®] Grower Solutions Hydroponic Fertilizer is used in the initial watering of the Horticubes eS, the seedling growth increases by 200%. All Horticubes eS media are manufactured in a “sheet” style, which fits easily into the industry’s standard “1020” trays. Each Horticubes eS sheet is pre-scored for easy separation of a single cube, a block of cubes, or a strip of cubes.

Best for (crops): lettuce, leafy greens, onions, tomatoes, cucumbers, peppers and other vegetables

Item #	Count	Description	Plugs Per	Items per	Cases/Pallet
87-32761	276CT	Horticubes eS Single Seed	5520/CS	20/CS	24
87-31041	104CT	Horticubes eS 1.25" Single Seed	2080/CS	20/CS	24
87-30501	50CT	Horticubes eS 1.5" Single Seed	1000/CS	20/CS	24
87-32762	276CT	Horticubes eS Multi Seed	5520/CS	20/CS	24



Fertiss®

OASIS® Grower Solutions Stabilized Media
Easy and Ready-to-Stick Propagation Media
for young plant production



Features and Benefits of Fertiss®

- Ready-to-use plugs
- Pre-filled in a propagation tray saves time and labor
- Easy to insert: loose, open mix makes it easy to insert cuttings
- Consistent and even media blend
- pH adjusted
- Promotes natural air pruning: uniquely developed trays avoid root spiraling and encourage development of dense fibrous roots system
- Ideal for slow-to-root cultivars
- Includes a high quality wetting agent to promote quick saturation and enhanced rewetting
- Easy to transplant and ship young plants
- Stacking trays do not compress the plug media

Fertiss® is a ready-to-use plug in trays, with a consistent and even Soilless propagation media blend for cuttings and seeds. Fertiss is uniquely designed to help keep production costs low while producing healthy, vigorous young plants. These specially “wrapped” media plugs are available in a range of sizes and tray configurations to suit a wide variety of plant types. Fertiss medium has been trialed extensively with highly successful performance on vegetative annuals and perennials, woody ornamentals, silviculture, tissue culture, and germination of seeds.

The Fertiss media mix is composed of a special blend of long-fiber sphagnum peat moss, perlite and vermiculite that is bound by a cellulose non-woven net. As cuttings take root, the lightweight fabric allows for root penetration to the outside air. Once primary roots have penetrated the webbing into the air gap, the natural “air pruning” takes place and promotes dense secondary roots. This air pruning process helps to reduce root spiraling in the plug and speed up the establishment of plants after transplanting. The Fertiss tray design also makes sorting and grading of rooted plugs very easy. The shape and consistency of the plugs help make potting easy, whether manually or with automatic transplanters.

Best for (crops): vegetative annuals and perennials, woody ornamentals, silviculture, tissue culture, and germination of seeds

Item #	Count	Description	Plugs Per	Items per	Cases/Pallet
5318C	18CT	Fertiss Square Cell Case (70 x 70 mm)	126/CS	7/CS	-
5325C	25CT	Fertiss Strip Round Cell CS (30 x 40 mm)	1500/CS	60/CS	-
5326C	26CT	Fertiss Strip Round Cell CS (30 x 40 mm)	1560/CS	60/CS	-
5332C	32CT	Fertiss Round Cell Case (52 x 45 mm)	352/CS	11/CS	-
5350C	50CT	Fertiss Round Cell Case (40 x 60 mm)	500/CS	10/CS	-
5350LC	50CT	Fertiss Round Cell Case (40 x 60 mm)	500/CS	10/CS	18
5372C2	72CT	Fertiss Square Cell Case (32 x 35 mm)	1152/CS	16/CS	18
5305C2	105CT	Fertiss Square Cell Case (30 x 40 mm)	1470/CS	14/CS	18
87-53511	51CT	Fertiss Hex Cell Half tray Case (20 x 30 mm)	1734/CS	34/CS	18
87-53021	102CT	Fertiss Hex Cell Case (25 x 30 mm)	1836/CS	18/CS	18
87-53129	128CT	Fertiss Hex Cell Case (25 x 30 mm)	1664/CS	13/CS	18
5300		Fertiss for try Carrier		50/CS	28
5391	Refill	Fertiss 25 x 30 mm Plug		1800/CS	48
5392	Refill	Fertiss 2 x 4 cm Plug		2052/CS	48
5393	Refill	Fertiss 3 x 3 cm Plug		1470/CS	48
5394	Refill	Fertiss 30 x 40 mm Plug		1176/CS	48
5395	Refill	Fertiss 32 x 34 mm Plug		1008/CS	48
5396	Refill	Fertiss 40 x 50 mm Plug		450/CS	48
5397	Refill	Fertiss 4 x 6 cm Plug		400/case	48
5398	Refill	Fertiss 7 x 7 cm Plug		108/case	48
5399	Refill	Fertiss 5.2 x 4.5 cm Plug		320/case	48



Fertiss® eS

OASIS® Grower Solutions Stabilized Media
Easy and Ready-to-Stick Propagation Media
for young plant production



Fertiss eS is a ready-to-use plug and tray system made by wrapping the Fertiss soilless propagation media with a 100% natural, bio-based “wrap”. The wrap is a 100% biodegradable material that does not leave any chemical remnants. Fertiss is a consistent and even propagation plug made with a blend of long-fiber sphagnum peat moss, perlite and vermiculite.

Best for (crops): vegetative, seed, and tissue culture propagation of annuals and perennials, nursery crops, silviculture, and agriculture

Features and Benefits of Fertiss® eS

- The plug wrap is a 100% bio-based and natural wrap material
- Ready-to-use plugs: pre-filled in a propagation tray saves time and labor
- Wrap media contains no glue
- The plug wrap is 100% biodegradable
- Easy to insert
- Loose, open mix makes it easy to insert cuttings
- Consistent and even media blend
- pH adjusted
- Promotes natural air pruning uniquely developed trays avoid root spiraling and encourage development of dense fibrous roots system
- Ideal for slow-to-root cultivars
- High quality wetting agent to promote quick saturation and enhanced rewetting
- Easy to transplant and ship young plants

Item #	Count	Description	Plugs Per	Items per	Cases/Pallet
87-34026	26CT	Fertiss Round Cell Strips eS	26312/PLT	1012/PLT	
87-34050	50CT	Fertiss Round Cell eS	16000/PLT	320/PLT	
87-34072	72CT	Fertiss Square cell FL eS	34560/PLT	480/PLT	
87-34105	105CT	Fertiss Square Cell FL eS	42000/PLT	400/PLT	



Paper Wrap for Plant Propagation Media
For young plant production



PlantPaper is a 100% natural, bio-based “wrap”.
PlantPaper is a 100% biodegradable material that does not leave any chemical remnants.

Features and Benefits of PlantPaper

- Is a 100% bio-based and natural wrap material
- Wrap media contains no glue
- Is 100% biodegradable
- Ideal for slow-to-root cultivars
- Use with most paper pot machines

Item #	Count	Description	Items per	Cases/Pallet
87-34120		PlantPaper 20mm Biodegradable Paper 1400m eS	60/PLT	
87-34125		PlantPaper 35mm Biodegradable Paper 1400m eS	60/PLT	
87-34130		PlantPaper 30mm Biodegradable Paper 1400m eS	60/PLT	
87-34135		PlantPaper 35mm Biodegradable Paper 1400m eS	60/PLT	
87-34140		PlantPaper 40mm Biodegradable Paper 1400m eS	60/PLT	
87-34145		PlantPaper 45mm Biodegradable Paper 1400m eS	60/PLT	
87-34150		PlantPaper 50mm Biodegradable Paper 1400m eS	60/PLT	
87-34160		PlantPaper 60mm Biodegradable Paper 1400m eS	60/PLT	
87-34170		PlantPaper 70mm Biodegradable Paper 1400m eS	60/PLT	
87-34180		PlantPaper 80mm Biodegradable Paper 1400m eS	60/PLT	

PlantPaper® is a registered trademark of SunGrow A/S. EthylBloc™ is a trademark of AgroFresh

Terra Plug

OASIS® Grower Solutions Bonded Media Plug
Engineered for cutting and seed propagation



Features and Benefits of Terra Plug

- Easy extraction from trays for both manual and automated transplant
- Keeps original structures of the media fibers to provide optimal air/water porosity
- Fast and uniform rooting with development of strong fibrous root system
- Uniform density within the plug, allowing rooting throughout the media from top to bottom
- Ready-to-use plugs with ideal moisture content
- Bonding technology allows for customized sizing of plugs
- Early transplant, even before the plants are well rooted
- Does not shrink
- Easy to rewater
- Made for automated processes

Terra Plug is a bonded medium manufactured using a unique horticultural-friendly patented technology. With this technology, a wide variety of media may be used. Terra Plug is made by loose filling the propagation trays and stabilizing the media. The uniform density within Terra Plug from top to bottom promotes the plant to root throughout the media, allowing for better access and utilization of water and nutrient inputs. Each tray of Terra Plug comes ready to use with ideal moisture content. The customizable Terra Plug and tray designs make the sorting and grading of rooted plugs compatible with our customers' specific propagation processes to make potting easy, whether manually or with automatic transplanters. Moreover, the system allows for a custom media mix based on water needs and other crop-specific requirements.

Best for (crops): cuttings and seeds

Item #	Count	Description	Plugs Per	Items per	Cases/Pallet
87-61050	50CT	Terra Plug	17600/PLT	352/PLT	-
87-61078	78CT	Terra Plug	22464/PLT	288/PLT	-
87-61096	96CT	Terra Plug	33792/PLT	352/PLT	-
87-61102	102CT	Terra Plug	33456/PLT	328/PLT	-
87-61102S	102CT	Terra Plug Split Tray	33456/PLT	328/PLT	-
87-61105	105CT	Terra Plug	37800/PLT	360/PLT	-
87-61128	128CT	Terra Plug	41984/PLT	328/PLT	-
87-61200	200CT	Terra Plug	67200/PLT	336/PLT	-
87-61050L	50CT	Terra Plug	17600/PLT	352/PLT	-
87-61050D	50CT	Terra Plug Round Deepcell	11200/PLT	224/PLT	-
87-61072	72CT	Terra Plug	23616/PLT	328/PLT	-



OASIS® Easy Plant System

OASIS® Grower Solutions Foam Medium
Building Block Growing System for Hydroponics



Easy Plant System is a specially designed system of interconnecting foam media that allows you to customize for your hydroponic growing needs. This engineered technology expands with the maturing plant, positioning each piece within the other so that you never outgrow your system. The fine cell structure promotes faster, stronger root growth with uniform moisture and drainage.

Versatile Building Blocks

Plug: cutting and seed foam medium

Block: young plant foam growing medium

Slab: mature plant foam growing medium wrapped and sealed in plastic

Best for (crops): cuttings and seeds, cucumbers, peppers, cherry tomatoes and tomatoes

Features and Benefits of OASIS® Easy Plant System

- Quickly respond to fluctuations in the plant's rooting environment
- Nesting system designed to be used together to help minimize root disturbance
- Excellent moisture holding capacity
- Optimal aeration of the root zone
- Sterile media allows for a clean, pathogen free start
- Wide range of configurations and sizes for ultimate control of spacing and timing

Item #	Count	Description	Plugs Per	Items per	Cases/Pallet
87-95015	50CT	Rootcube® 1.5"	100/CS	2/CS	24
87-95010	104CT	Rootcube® 1.25"	208/CS	2/CS	100
87-95240	104CT	Horticube® 1.25"	52/CS	2/CS	-
87-95225	162CT	Horticube® 1.0"	324/CS	2/CS	-
87-80050		Easy Plant® Block - 4" x 4" x 3" - Hole Size 2.375"		108/CS	24
87-80104		Easy Plant® Block - 4" x 4" x 3" - Hole Size 1.75"		108/CS	24
87-80162		Easy Plant® Block - 4" x 4" x 3" - Hole Size 1.25"		108/CS	24
87-81104		Easy Plant® Block - 3" x 3" x 3" - Hole Size 1.75"		192/CS	24
87-81162		Easy Plant® Block - 3" x 3" x 3" - Hole Size 1.125"		192/CS	24
87-82001		Easy Plant® Slab - 22.5" x 8" x 3"		8/CS	20
87-82002		Easy Plant® Slab - 39.5" x 6" x 3"		1/CS	-
87-82003		Easy Plant® Slab - 8" x 8" x 3"		24/CS	24

Hydroponic Fertilizer

OASIS® Grower Solutions Complete Fertilizer for Hydroponics
Balanced nutrients for young plants and initial hydroponic production



Hydroponic Fertilizer delivers all of the elements that hydroponic plants need, Doubling growth in OASIS® Grower Solutions Hydroponic foam mediums. Hydroponic Fertilizer is a complete one-bag fertilizer designed for commercial and hobby hydroponic production of lettuce, herbs, greens and most vegetables. The balanced nutrient proportion promotes robust growth and minimizes the necessity for constant back adding of elements. Thus, eliminating mixing errors and reducing the labor expenses.

Hydroponic Fertilizer promotes vigorous plant growth and greater yield through a chelated micronutrient package. Whereas, traditional fertilizer blends may cause deficiency and struggling plant growth. Hydroponic Fertilizer has a proprietary blend of iron chelates that helps keep iron available even as the pH increases up to a high of 8.0. It additionally contains a significant level of soluble calcium and magnesium. This blend is fortified by the formulation power of the JR Peters family, a leader in high-quality water soluble fertilizers. The Peters have been proudly innovating and manufacturing fertilizer in the USA for more than 67 years.

When Hydroponic Fertilizer is used with Horticultures® and Horticultures® XL foam media during the initial watering, it improves the nutrient availability and uptake increasing seedling growth by up to 200%.

Features and Benefits of Hydroponic Fertilizer

- Designed for hydroponic production of lettuce, herbs, greens and most vegetables
- Technical grade pure nutrients do not cause any toxicity on young plants when applied at recommended rates
- Complete one-bag nutrient solution balanced nutrient proportion promotes robust growth
- Low phosphorus levels help prevent excessive elongation
- Healthy roots, green leaves and rapid growth – all in one bag
- Chelated micronutrients make vital growth components highly soluble and available to plants
- Promotes vigorous plant growth and greater yield through a proprietary blend of iron chelates that keeps iron available even as the pH varies (up to a high of 8.0).
- Soluble calcium and magnesium for all-around plant nutrition.

Item #	Count	Description	Items per	Cases/Pallet
87-27025		Hydroponic Fertilizer 25lb Bag	80/PLT	

Soax®

OASIS® Grower Solutions Wetting Agent
Supports growing media with efficient
moisture management



Soax wetting agent helps to achieve consistency in growing media by aiding in the even dispersing of water and nutrients throughout the entire root zone. As a result, it helps prevent water masses from forming and helps to reduce the occurrence of spot drying. Soax wetting agent helps to ensure air-to-water ratios are uniform throughout the entire root zone and helps to increase the available feeding sites for plant roots. Soax helps to improve consistency, quality and efficiency of commercial growing media during crop production and beyond. In addition, Soax helps the growing materials, such as peat moss, to overcome the resistance to the initial wetting. To create the best possible environment for all plant roots, growers can choose from liquid and/or granular options of the Soax wetting agent.

Features and Benefits of Soax®

- Improves overall crop growth and performance
- Increases “feeding” sites for plant roots due to the uniform moisture profile
- Helps to reduce water pockets and dry patches in the growing medium
- Evens the air-to-water ratios throughout the root zone, promoting vigorous growth
- Helps reduce labor costs by eliminating the need for spot watering
- Promotes efficient utilization of water and nutrients applied to the growing media

Item #	Count	Description	Items per	Cases/Pallet
5900	1gal	Soax Liquid Wetting Agent 4/CS	4/CS	30
5905	5gal	Soax Liquid Wetting Agent 1 Pail	1 Pail	48
5930	55gal	Soax Liquid Wetting Agent 1 Drum	1 Drum	4
5936	120lb	Soax Granular Wetting Agent 1 Drum	1 Drum	4

HydraPads

OASIS® Grower Solutions Hydration Substrate
Postharvest Hydration System for Potted Plants



HydraPads is an absorbent substrate designed to provide moisture to a potted plant. It can be used anywhere the potted plant will go without watering for an extended period of time such as, during transport or while on retail display. When saturated HydraPad holds water without sloshing or dripping. It makes water available without the concern of drowning the plants. HydraPad helps provide extra assurance of the quality of your plants when they are beyond the grower's care.

Best for (crops): retail potted plants in sleeves or decorative pots, such as, azalea, gerbera, hydrangea, etc.

Features and Benefits of HydraPads

- Helps keep potted plants looking hydrated and vibrant
- Hydration source for potted plants during transportation and while on the store shelf
- Helps reduce re-watering needs of potted plants
- Helps extend the plant shelf life for better sell through
- Easy to use construction with a laminated backing to help keep from separating
- Can be re-watered
- Holds additional water for less mess in retail displays
- Can be soaked in advance and used as needed

Item #	Count	Description	Items per	Cases/Pallet
87-30001	100/Bag	HydraPads 9.5 cm/3.74" Square	5/CS	72
87-30002	100/Bag	HydraPads 12.5 cm/4.92" Square	5/CS	63
87-30003	100/Bag	HydraPads 5.08 cm/2.0" Square	5/CS	100

Note: Special sizes available upon request

Geranos ULTRA

OASIS® Grower Solutions Near Harvest Treatment
Helps to Improve the Success and Quality
of Geranium Cuttings



Geranos is the first near harvest treatment from OASIS® Grower Solutions. This spray treatment is specially formulated to help improve the postharvest quality of geranium cuttings through propagation. Premature leaf senescence caused by ethylene that is triggered from harvesting the cuttings is a serious issue affecting geraniums. It causes unwanted leaf drop, thus creating ideal conditions for botrytis growth and can jeopardize the propagation success. Geranos treatment on the stock plants near the time of harvesting the cuttings will help to preemptively minimize premature leaf senescence in geranium cuttings.

Best for (crops): geraniums

Not available in the United States or European Union.

Features and Benefits of Geranos

- Helps to minimize postharvest leaf yellowing
- Improves the quality, success and efficiency of propagation
- Does not promote stretching when applied on the stock plants
- Helps to reduce crop shrink

Item #	Count	Description	Items per	Cases/Pallet
5900	1 liter bottle	Geranos Liquid	1 unit /case	



Ethylene Action Inhibitor



Features and Benefits of EthylBloc™

- Inhibits damage from ethylene
- Increases flower life up to 300%
- Helps eliminate leaf yellowing
- Decreases premature flower aging
- Reduces ethylene-induced flower, bud and leaf drop
- Inhibits opening and wilting of flowers caused by ethylene
- Helps reduce costly scrap
- Ideal for treating flowers and plants in air tight spaces like flower boxes, chillers and truck or sea containers
- Nontoxic and environmentally friendly
- Easy to use with almost no labor cost
- Effective in both refrigerated and room temperature conditions

EthylBloc™ is a patented, EPA approved ethylene action inhibitor designed to keep flowers and plants fresh during transport and storage. EthylBloc™ technology is a powder that, when dampened or mixed with mixing / buffer / water, releases a gas that helps extend the life of fresh cut flowers and potted plants as well as bedding, nursery and foliage plants.

The negative effects of ethylene have been estimated by the industry to cause up to 30% of all floriculture crop losses due to dull colors, leaf and petal drop, and aging acceleration. EthylBloc™ Technology works naturally with flowers and plants to inhibit ethylene damage and to keep fresh cut flower and plants fresh through transport and storage. It is specifically designed to be used by all stages of the floral and nursery industries.

EthylBloc™ Technology works by restraining the negative effects of ethylene—the natural gas produced by plants, flowers, fruit, vegetables and a host of other organic debris. The EthylBloc™ Technology binds to the ethylene receptor in the flower or plant cells, inhibiting the negative effects of ethylene. EthylBloc™ Technology leaves no trace or residue after treatment, and is completely safe for humans and animals.

Item #	Count	Description	Items per	Cases/Pallet
81-09038	38gm	EthylBloc Truck Kit	36/PLT	
81-09072	72gm	EthylBloc Truck Kit w/Buffer	48/PLT	
81-09075	75gm	EthylBloc Truck Kit	64/PLT	
81-09600	2.5gm	EthylBloc Sachet	1000/CS	120

EthylBloc™ and the Ethylblock logo are trademarks of AgroFresh.

MicroBLOC®

Greenhouse Disinfectant
Liquid



Features and Benefits of MicroBLOC®

This product inhibits bacterial and fungus growth and deodorizes by killing microorganisms and diseases such as mold and mildew, etc. that cause offensive odors.

EPA Registration #10324-94-32258

MicroBLOC® greenhouse disinfectant is an EPA-registered, effective antimicrobial disinfectant designed for use by wholesale and retail florists, shippers and greenhouses. When used as directed, this product will disinfect hard, nonporous surfaces such as flower buckets, tools, floors and walls of coolers, design and packing benches, and countertops. This product is specifically formulated to effectively eliminate offensive odors caused by mold and mildew.

- Disinfectant Fungicide Mildewstat Deodorizer
- Pleasant scent, non-acid disinfection, not overpowering like chlorine bleach
- Will not leave a grit or soap scum
- Economical concentrate improves flower life as a result of a cleaner environment
- Can be applied through automatic washing systems, immersion tanks, foaming apparatus, low pressure sprayers and floral processing equipment such as underwater cutters (anti-foaming agent may be needed)
- May be used as a general purpose antimicrobial detergent in florist shops, wholesale florist, shippers, greenhouse packing areas and other commercial horticulture places for efficient cleaning and antimicrobial action against certain bacteria which cause
 - Plugging of stems with slime, which reduces uptake of water for various flowers including roses, chrysanthemums, gladioli and tulips
 - Production of ethylene gas, which may injure blooms of the various sensitive flowers including stock, carnations, snapdragons, some orchids, some roses, baby's breath, sweet peas, freesia and alstroemeria
- Reduce product credits
- Eliminates odors and contamination
- Drain disposable

FL3914	1gal	MicroBLOC Disinfectant 4/CS	4/CS	36
FL3914CAL	1gal	MicroBLOC Disinfectant California 4/CS	4/CS	36
84-03930	30gal	MicroBLOC Disinfectant	30 gal	4
FL3930CAL	30gal	MicroBLOC Disinfectant California 1 Drum	1 Drum	4

P.A.C. Professional Agricultural Cleaner®

Surface cleaner
Liquid



P.A.C. Professional Agricultural Cleaner® is a heavy-duty chlorinated cleaner for nonporous surfaces, such as greenhouses / packing houses, floors, benches, coolers, tools and equipment.

Clean with P.A.C. Professional Agricultural Cleaner® before and after work period. P.A.C. Professional Agricultural Cleaner® contributes 450 ppm of active chlorine when used at a rate of 2.5 fl. oz. per gallon of water.

A composite of detergents and emulsifiers, P.A.C. Professional Agricultural Cleaner® dislodges stubborn material such as sludge, oily residues and dirt. The emulsion will not “break” during rinsing, thus preventing oily residue often returns to the contact surface.

Features and Benefits of P.A.C. Professional Agricultural Cleaner®

- Specially formulated active chlorine detergent designed to help meet the highest cleanser standards
- Formulated for cleaning nonporous surfaces throughout the floriculture industry, which includes greenhouses, nurseries, interiorscapes, botanical gardens, atriums, packing houses and commercial / retail florists
- May also be used in homes, school and other public areas

FL6154	1gal	P.A.C. Professional Agricultural Cleaner 4/CS	4/CS	36
FL6151A	5gal	P.A.C. Professional Agricultural Cleaner 1 Pail	1 Pail	36
FL6152A	30gal	P.A.C. Professional Ag Cleaner - 30 Gal Drum	30 Gal Drum	4

Strip-IT® Cleaner

Liquid



Strip-IT® Cleaner is an end-of-season cleaner for greenhouse structures and irrigation systems, water storage tanks and sunblock wash. This product is recommended for extreme cleaning of structures, irrigation lines / tanks, and whitewash removal to create an optimal environment for new crops being established.

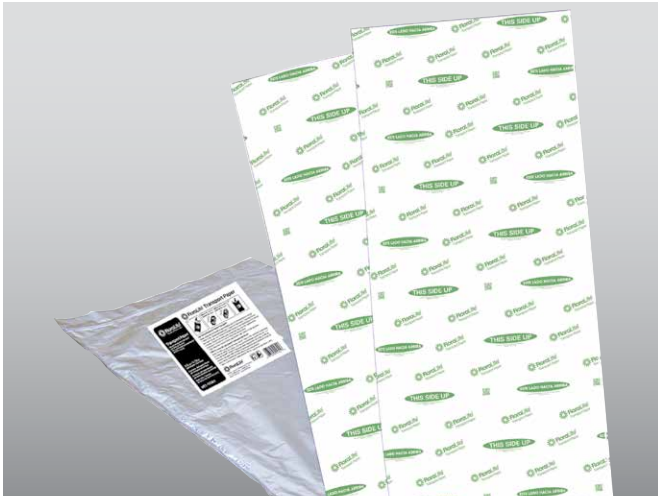
Features and Benefits of Strip-IT® Cleaner

- Specifically formulated combination of sulfuric acid and wetting agents
- Effectively and safely remove whitewash coatings, organic sludge, heat-set grease / oil / dirt, calcium and other hard water deposits.

84-06160	5gal	Strip-IT Cleaner 5Gal Pail	5 Gal Pail	36
FL6161A	30gal	Strip-IT Cleaner 1 Drum	1 Drum	4
FL6164	1gal	Strip-IT Cleaner 4/CS	4/CS	36

Transport Paper

For use during the transport of fresh cut flowers and potted plants



Transport Paper is a specially designed postharvest waxed tissue to be used in the transport of fresh cut flowers and potted plants. Transport Paper is impregnated with compounds that react when exposed to relative humidity above 40%. Floral shipping boxes are environments high in moisture for the growth of pathogens. Transport Paper is a simple and easy product to utilize in flower and plant shipping cartons.

Features and Benefits of Transport Paper

- Paper sheet size designed to fit most commonly used shipping boxes to aid in the proper amount of treatment per box for most effectiveness
- Paper sheet size: 10" x 40" (25.4 cm x 101.6 cm)
- Sheets are simple and easy to use
- Effective in both refrigerated and nontemperature controlled shipments
- Helps to reduce costly scrap and credits
- Resealable moisture barrier bag to repackage unused product for greatest effectiveness

81-17001	Transport Paper, 1 bag of 200 sheets	1 bag
	Transport Paper, 10 bag of 200 sheets per Case	10 bag

Floralife® TempChek

NFC* Temperature Data Logger (*near field communication)
For Unique Identification, Monitoring and Data Logging



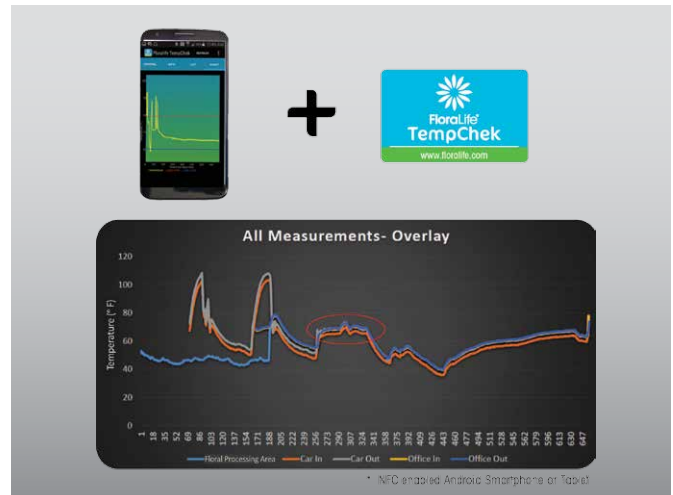
Floralife® TempChek is a battery-powered smart label with temperature data logging capabilities. The labels have a fully integrated real-time clock and temperature sensor with an accuracy to within 0.5° C. The labels are readable with most Android™ NFC enabled smartphones and tablets.

Identification, monitoring and tracking of temperature-sensitive products such as fresh cut flowers



Features and Benefits of TempChek

- Operating temperature range: -30° C to +65° C (-22° F to 149° F). Sensor accuracy: ± 0.5° C
- Affordable one-time use data logging label
- Attachable time-temperature data logging label
- Data logging – on-chip temperature sensor
- Store up to 747 data measurements on the logger
- Anti-collision capability
- Real-time clock for data logging
- Operating frequency: 13.56 MHz
- Easy-to-use application for NFC enabled Android smartphones or tablets
- Text field for customer notes
- Downloadable data for spreadsheets and charts
- NFC or ISO-15693 data communications
- On-chip 8 Kbit Electrically Erasable PROgrammable Memory (EEPROM)
- Backup battery supply through RF field for reading logger after the battery is exhausted



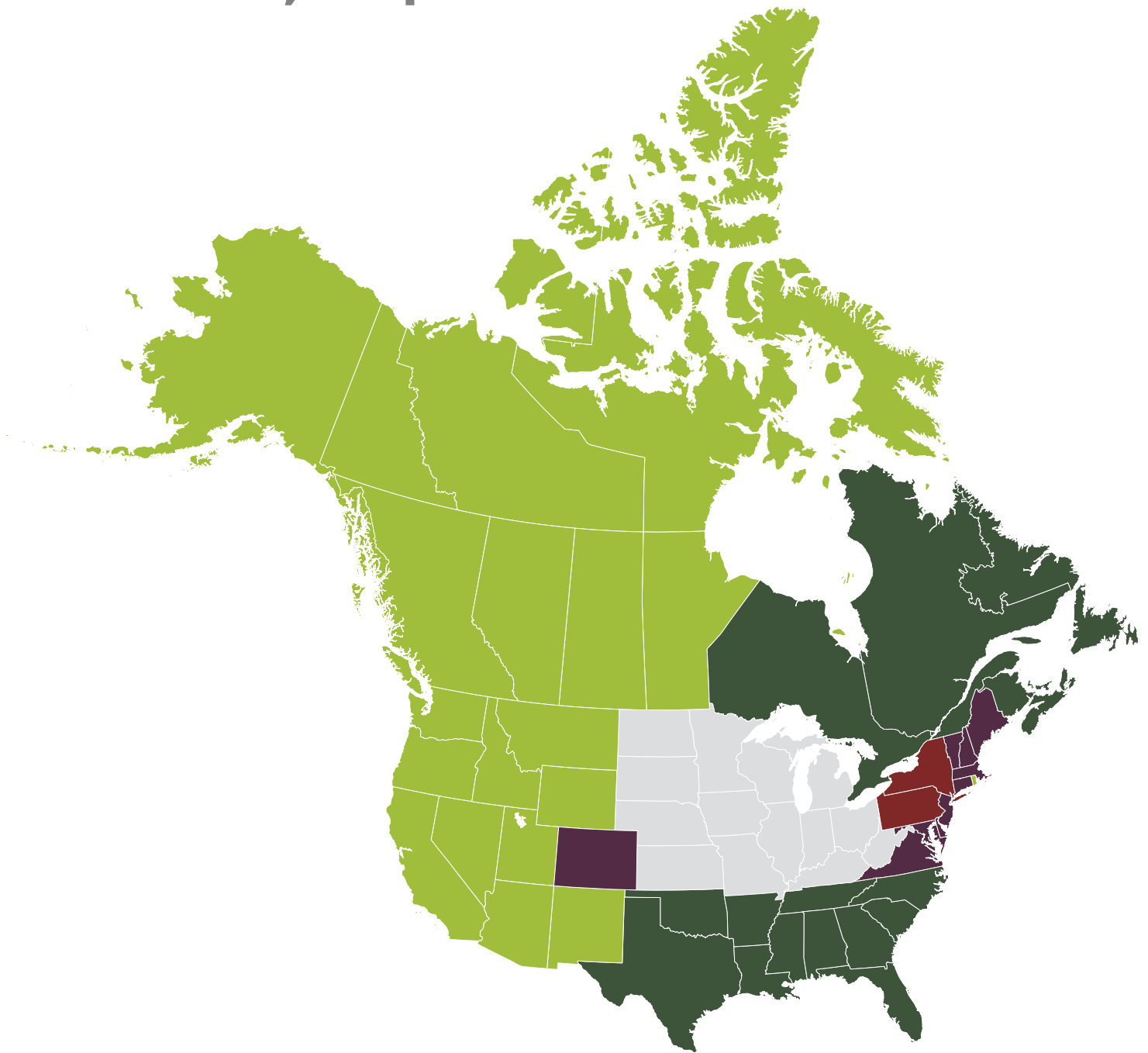
Android™ is a trademark of Google Inc.

81-98001

TempChek Bag of 10 Cards

10/Bag

Territory Map



-  Michael Wiebe – (210) 912-2785 | mwiebe@smithersoasis.com
-  Denise Lee – (310) 871-1399 | dlee@smithersoasis.com
-  Bill Lees – (845) 325-3900 | blees@smithersoasis.com
-  Eric Prechtl – (330) 760-3173 | eprechtl@smithersoasis.com
-  Bill Lees – (845) 325-3900 | blees@smithersoasis.com, Eastern NY & PA
Eric Prechtl – (330) 760-3173 | eprechtl@smithersoasis.com, Western NY & PA

Product Listing

InVitro Express				
87-70350	35CT	InVitro Express	750/CS Sheet Only	12
87-78350	35CT	InVitro Express	156/CS	45
87-77300	30CT	InVitro Express for RV750	240/CS Sheet Only	45
87-77350	35CT	InVitro Express for RV750	240/CS Sheet Only	45
87-77250	25CT	InVitro Express for RV750	224/CS Sheet Only	45
87-70003		InVitro Express RV750 (Base & Lid)	100/CS	32
87-70004		InVitro Express Vent Patch for RV750	500/CS	100
Rootcubes® Growing Medium				
5018	10CT	Rootcubes Strips- Uncut Unpunched	190/CS	24
5020	10CT	Rootcubes Strips	190/CS	24
5015	50CT	Rootcubes 1.5"	20/CS	24
87-50501	50CT	Rootcubes Plus Star Dibble	20/CS	24
5010	104CT	Rootcubes 1.25"	20/CS	24
5012	104CT	No Hole Rootcubes 1.25"	20/CS	24
5005	162CT	Rootcubes 1"	20/CS	24
87-51621	162CT	Rootcubes Plus 1"	20/CS	24
5036	276CT	Rootcubes	20/CS	24
87-09990		Rootcubes Plain Sheet	20/CS	18
87-50117		Rootcubes Callusing Strip	20/CS	12
OASIS® Rootcubes® Wedge® Growing Medium				
87-50010	10CT	Wedge Strips	224/CS	12
5680	12CT	Rootcubes® Strip w/Plastic	176/CS	12
5646	13CT	Long Wedge Refill Foam Only	336/CS	12
5648	13CT	Long Wedge Strip	288/CS	12
87-50010	13CT	Wedge Strip	224/CS	12
5615	34CT	Wedge Refill Strips	60/CS	40
5625	34CT	Wedge Double Strips	72/CS	16
5643	102CT	Wedge Filled Trays	10/CS	40
5615NH	34CT	No-Hole Wedge Refills - Foam Only	60/CS	40
5600		Carrier Try For Wedge 10, 13 & 34CT	75/CS	32
87-50224		Strip Connector Clip w/Wedge 10 & 13Ct	224 PCS/CS	196
5641		Tray Only For 102Ct Wedge 10X20	40/CS	24
Rootcubes® Plus Wedge® Growing Medium				
87-55010	10CT	Plus Wedge Strips	244/CS	12
87-55013	13CT	Plus Wedge Strips	244/CS	12
87-55135	13CT	Plus Wedge Star Dibble 336 Strips X 13 Units	12/CS	12
Horticubes® Growing Medium				

Product Listing continued

Item #	Count	Description	Items per	Cases/Pallet
5200		Bricks	48/CS	30
5245	50CT	Horticubes 1.5" - Top Groove	20/CS	24
5240	104CT	Horticubes 1.25" - Top Groove	20/CS	24
87-11043	104CT	Horticubes Single Seed Bottom Groove 1.25"	20/CS	24
5225	162CT	Horticubes 1" - Top Groove	20/CS	24
5231	276CT	Horticubes - No Groove	20/CS	24
87-12762	276CT	Horticubes Multi Seed - No Groove	20/CS	24
Horticubes® XL Growing Medium				
87-20501	50CT	Horticubes XL Single Seed Top Groove 1.5"	20/CS	18
87-20502	50CT	Horticubes XL Multi Seed Top Groove 1.5"	20/CS	18
87-20503	50CT	Horticubes XL Single Seed Bottom Groove 1.5"	20/CS	18
87-20504	50CT	Horticubes XL Multi Seed Bottom Groove 1.5"	20/CS	18
87-21041	104CT	Horticubes XL Single Seed Top Groove 1.25"	20/CS	24
87-21042	104CT	Horticubes XL Multi Seed Top Groove 1.25"	20/CS	24
87-21043	104CT	Horticubes XL Single Seed Bottom Groove 1.25"	20/CS	24
87-21044	104CT	Horticubes XL Multi Seed Bottom Groove 1.25"	20/CS	24
87-21621	162CT	Horticubes XL Single Seed Top Groove 1"	20/CS	24
87-21622	162CT	Horticubes XL Multi Seed Top Groove 1"	20/CS	24
87-21623	162CT	Horticubes XL Single Seed Bottom Groove 1"	20/CS	24
87-21624	162CT	Horticubes XL Multi Seed Bottom Groove 1"	20/CS	24
87-22761	276CT	Horticubes XL Single Seed	20/CS	24
87-22762	276CT	Horticubes XL Multi Seed	20/CS	24
87-22765	276CT	Horticubes XL Single Seed	16/CS	24
Horticubes® eS				
87-32761	276CT	Horticubes eS Single Seed	20/CS	24
87-31041	104CT	Horticubes eS 1.25" Single Seed	20/CS	24
87-30501	50CT	Horticubes eS 1.5" Single Seed	20/CS	24
87-32762	276CT	Horticubes eS Multi Seed	20/CS	24
Fertiss® Growing Media				

Product Listing continued

Item #	Count	Description	Items per	Cases/Pallet
5318C	18CT	Sq Cell Fertiss Case (70 x 70 mm)	7/CS	-
5325C	25CT	Strip Rd Cell Fertiss CS (30 x 40 mm)	60/CS	-
5326C	26CT	Strip Rd Cell Fertiss CS (30 x 40 mm)	60/CS	-
5332C	32CT	Rd Cell Fertiss Case (52 x 45 mm)	11/CS	-
5350C	50CT	Rd Cell Fertiss Case (40 x 60 mm)	10/CS	-
5350LC	50CT	Rd Cell Fertiss Case (40 x 60 mm)	10/CS	18
5372C2	72CT	Sq Cell Fertiss Case (32 x 35 mm)	16/CS	18
5305C2	105CT	Sq Cell Fertiss Case (30 x 40 mm)	14/CS	18
87-53511	51CT	Hex Cell Halftray Fertiss Case (20 x 30 mm)	34/CS	18
87-53021	102CT	Hex Cell Fertiss Case (25 x 30 mm)	18/CS	18
87-53129	128CT	Hex Cell Fertiss Case (25 x 30 mm)	13/CS	18
5300		Carrier Tray for Fertiss	50/CS	28
5391	Refill	25 x 30mm Plug	1800/CS	48
5392	Refill	2 x 4 cm Plug	2052/CS	48
5393	Refill	3 x 3 cm Plug	1470/CS	48
5394	Refill	30 x 40 mm Plug	1176/CS	48
5395	Refill	32 x 34 mm Plug	1008/CS	48
5396	Refill	40 x 50 mm Plug	450/CS	48
5397	Refill	4 x 6 cm Plug	400/case	48
5398	Refill	7 x 7 cm Plug	108/case	48
5399	Refill	5.2 x 4.5 cm Plug	320/case	48
5305P2	105CT	Sq Cell Fertiss Pallet (30x40mm)	400/PLT	
87-54105	105CT	Sq Cell Fertiss Pallet with Rootshield (30x40mm)	400/PLT	
5318P	18CT	Sq Cell Fertiss Pallet(70x70mm)	224/PLT	
5325P	25CT	Rd Cell Fertiss Pallet (30x40mm)	1192/PLT	
5326P	26CT	Rd Cell Fertiss Pallet (30x40mm)	1012/PLT	
5332P	32CT	Rd Cell Fertiss Pallet (52x45mm)	352/PLT	
5350LP2	50CT	Rd Cell Fertiss Pallet (40x60mm)	304/PLT	
5350P2	50CT	Rd Cell Fertiss Pallet (40x50mm)	320/PLT	
87-54050	50CT	Rd Cell Fertiss Pallet with Rootshield (40x50mm)	320/PLT	
5360P	10CT X 6	Sq Cell Fertiss Pallet (30x40mm)	280/PLT	
87-56060	10CT X 6	Sq Cell Fertiss Pallet (30x40mm)	280/PLT	
87-54060	10CT X 6	Sq Cell Fertiss Pallet (32x35mm)	280/PLT	
5372P2	72CT	Sq Cell Fertiss Pallet with Rootshield (32x35mm)	480/PLT	
87-54072	72CT	Rd Cell Fertiss Pallet (30x40mm)	480/PLT	
87-00025	25CT	Rd Cell Fertiss Pallet (30x40mm)	1152/PLT	
87-00026	26CT	Rd Cell Fertiss Pallet (52x45mm)	864/PLT	
87-00032	32CT	Sq Cell Fertiss Pallet (30x40mm)	280/PLT	
87-00060	60CT	Sq Cell Fertiss Pallet (32x35 mm)	300/PLT	
87-00072	72CT	Sq Cell Fertiss Pallet (30x40mm)	384/PLT	
87-00105	105CT	Hex Cell Fertiss Pallet (25X30mm)	320/PLT	
87-00128	128CT	Sq Cell Fertiss Pallet (20x38mm)	304/PLT	
87-00144	144CT	Rd Cell Fertiss Pallet (40x50mm)	344/PLT	
87-00550	50CT	Hex Cell Fertiss Pallet (25X30mm)	240/PLT	

Product Listing continued

Item #	Count	Description	Items per	Cases/Pallet
87-53020	102CT	Hex Cell Fertiss Pallet (25X40mm)	496/PLT	
87-53022	102CT	Hex Cell Fertiss Pallet (25X40mm)	384/PLT	
87-00102	102CT	Hex Cell Fertiss Pallet (25X30mm)	304/PLT	
87-53128	128CT	Sq Cell Fertiss Pallet (20x38mm)	400/PLT	
87-53144	144CT	Hex Cell Fertiss Pallet (25X40mm)	448/PLT	
87-53172	17CTX6	Hex Cell Fertiss Pallet (25X40mm)	2304/PLT	
87-54102	17CTX6	Hex Cell Fertiss Pallet with Rootshield(25X40mm)	2976/PLT	
87-53511	51CT	Hex Cell Fertiss Pallet (25X30mm)	992/PLT	
Fertiss® eS				
87-34026	26CT	Rd Cell Strips Fertiss eS	1012/PLT	
87-34050	50CT	Rd Cell Fertiss eS	320/PLT	
87-34072	72CT	Sq cell FL Fertiss eS	480/PLT	
87-34105	105CT	Sq Cell FL Fertiss eS	400/PLT	
Plant Paper				
87-34120		20mm Biodegradable Paper 1400m eS	60/PLT	
87-34125		25mm Biodegradable Paper 1400m eS	60/PLT	
87-34130		30mm Biodegradable Paper 1400m eS	60/PLT	
87-34135		35mm Biodegradable Paper 1400m eS	60/PLT	
87-34140		40mm Biodegradable Paper 1400m eS	60/PLT	
87-34145		45mm Biodegradable Paper 1400m eS	60/PLT	
87-34150		50mm Biodegradable Paper 1400m eS	60/PLT	
87-34160		60mm Biodegradable Paper 1400m eS	60/PLT	
87-34170		70mm Biodegradable Paper 1400m eS	60/PLT	
87-34180		80mm Biodegradable Paper 1400m eS	60/PLT	
OASIS® Terra Plug				
87-61050	50CT	Cell Terra Plug Standard Mix 328/PL (16400) - US Tray	328/PLT	
87-61078	78CT	Terra Plug Standard Mix 288/PL (22464) - US Tray	288/PLT	
87-61096	96CT	Terra Plug Standard Mix 320/PL (30720) - US Tray	320/PLT	
87-61102	102CT	Terra Plug Standard Mix 328/PL (33456) - US Tray	328/PLT	
87-61105	105CT	Terra Plug Standard Mix 360/PL (37800) - US Tray	360/PLT	
87-61128	128CT	Terra Plug Standard Mix 328/PL (41984) - US Tray	328/PLT	
87-61200	200CT	Terra Plug Standard Mix 304/PL (60800) - US Tray	304/PLT	
OASIS® Easy Plant				
87-95015	50CT	Rootcube 1.5"	2/CS	24
87-95010	104CT	Rootcube 1.25"	2/CS	100
87-95240	104CT	Horticube 1.25"	2/CS	-
87-95225	162CT	Horticube 1.0"	2/CS	-
87-80050		OASIS® Easy Plant® Block - 4" X 4" X 3" - Hole Size 2.375"	108/CS	24
87-80104		OASIS® Easy Plant® Block - 4" X 4" X 3" - Hole Size 1.75"	108/CS	24
87-80162		OASIS® Easy Plant® Block - 4" X 4" X 3" - Hole Size 1.25"	108/CS	24
87-81104		OASIS® Easy Plant® Block - 3" X 3" X 3" - Hole Size 1.75"	192/CS	24
87-81162		OASIS® Easy Plant® Block - 3" X 3" X 3" - Hole Size 1.125"	192/CS	24
87-82001		OASIS® Easy Plant® Slab - 22.5" X 8" X 3" (8) SHT242	8/CS	20
OASIS® Easy Plant (continued)				

Product Listing continued

Item #	Count	Description	Items per	Cases/Pallet
87-82002		OASIS® Easy Plant® Slab - 39.5" X 6" X 3" (1) SHT2432	1/CS	-
87-82003		OASIS® Easy Plant® Slab - 8" X 8" X 3" (24/CS) SHT4410	24/CS	24
OASIS® HydraPads				
87-30001	100/Bag	HydraPad 9.5cm/3.74 in Square	5/CS	72
87-30002	100/Bag	HydraPad 12.5cm/4.92 in Square	5/CS	63
87-30003	100/Bag	HydraPad 5.08cm/2.0 in Square	5/CS	100
OASIS® Paper				
87-33020		20mm Non woven Glued Paper 1400m		
87-33025		25mm Non woven Glued Paper 1400m		
87-33030		30mm Non woven Glued Paper 1400m		
87-33035		35mm Non woven Glued Paper 1400m		
87-33040		40mm Non woven Glued Paper 1400m		
87-33050		50mm Non woven Glued Paper 1400m		
87-33070		70mm Non woven Glued Paper 1400m		
Hydroponic Fertilizer				
87-27025		25lb Bag	80/PLT	
SOAX® Wetting Agent				
5900	1gal	Soax Liquid Wetting Agent 4/CS	4/CS	30
5905	5gal	Soax Liquid Wetting Agent 1 Pail	1 Pail	48
5930	55gal	Soax Liquid Wetting Agent 1 Drum	1 Drum	4
5936	120lb	Soax Granular Wetting Agent 1 Drum	1 Drum	4
Floralife®-EthylBloc™				
81-09038	38gm	EthylBloc™ Truck Kit	36/PLT	
81-09072	72gm	EthylBloc™ Truck Kit w/Buffer - Canada	48/PLT	
81-09075	75gm	EthylBloc™ Truck Kit	64/PLT	
81-09600	2.5gm	EthylBloc™ Sachet	1000/CS	120
Floralife®				
FL3914	1gal	MicroBLOC Disinfectant 4/CS	4/CS	36
FL3914CAL	1gal	MicroBLOC Disinfectant California 4/CS	4/CS	36
84-03930	30gal	MicroBLOC Disinfectant	30 gal	4
FL3930CAL	30gal	MicroBLOC Disinfectant California 1 Drum	1 Drum	4
FL6151A	5gal	P.A.C. Professional Agricultural Cleaner® 1 Pail	1 Pail	36
FL6154	1gal	P.A.C. Professional Agricultural Cleaner® 4/CS	4/CS	36
FL6152A	30gal	P.A.C. Professional Agricultural Cleaner® - 30 Gal Drum	30 Gal Drum	4
84-06160	5gal	Strip-IT 5Gal Pail	5 Gal Pail	36
FL6161A	30gal	Strip-IT Cleaner 1 Drum	1 Drum	4
FL6164	1gal	Strip-IT Cleaner 4/CS	4/CS	36
87-58001	1L	Geranos 1 Liter – (Not Available in North America)		
81-17001	200 Sheets	Floralife Transport Paper, 1 bag of 200 sheets	1 bag	
<Pending>	200 Sheets	Floralife Transport Paper, 10 bag of 200 sheets per Case	10 bag	
TempChek				
81-98001		Bag of 10 Cards	10/Bag	

Storage

Foam should be stored at room temperature in a closed carton. The cartons should be located in a dry area away from direct sunlight.

Discoloration of foam during storage is normal. It is okay to use discolored foam as long as the foam has not turned brittle or lost the ability to saturate and hold water to its full capacity.

It is a good practice not to store foam in a greenhouse.

Shelf-life:

When stored appropriately expected shelf life one year.

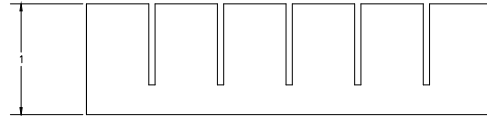
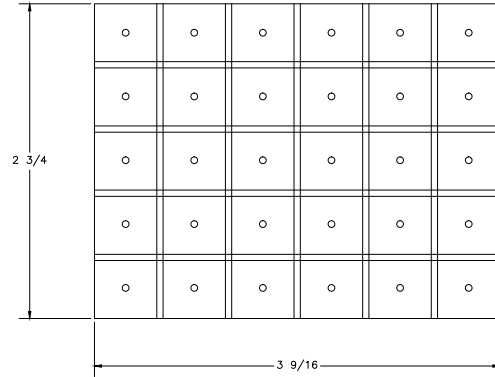
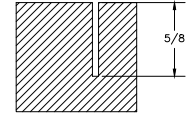


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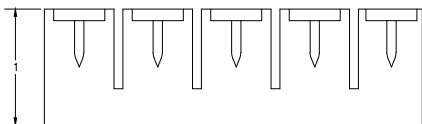
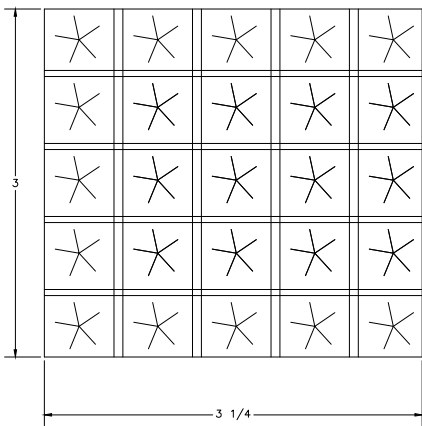
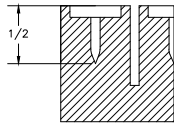
InVitro Express



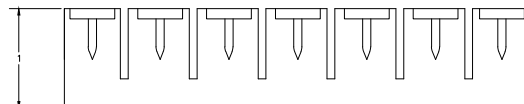
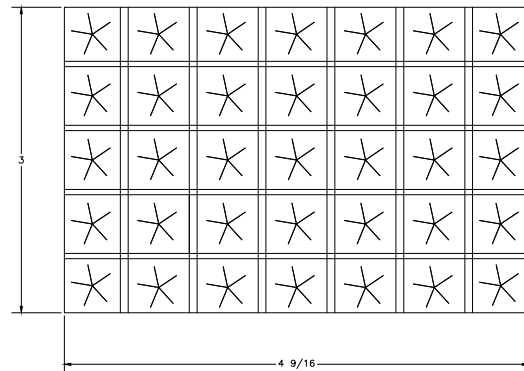
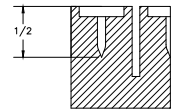
InVitro Express- 30 ct
87-77300



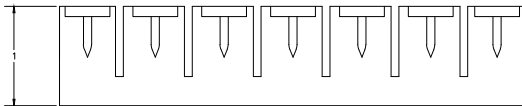
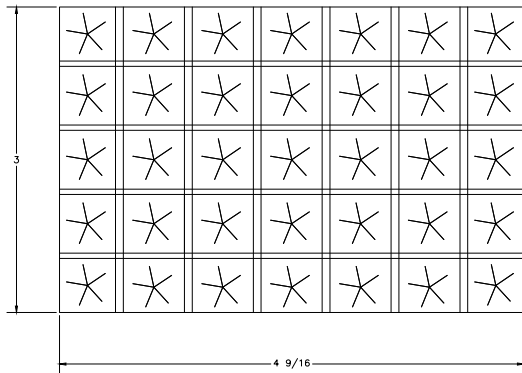
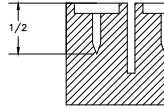
InVitro Express- 25 ct
87-77250



InVitro Express- 35 ct
87-70350

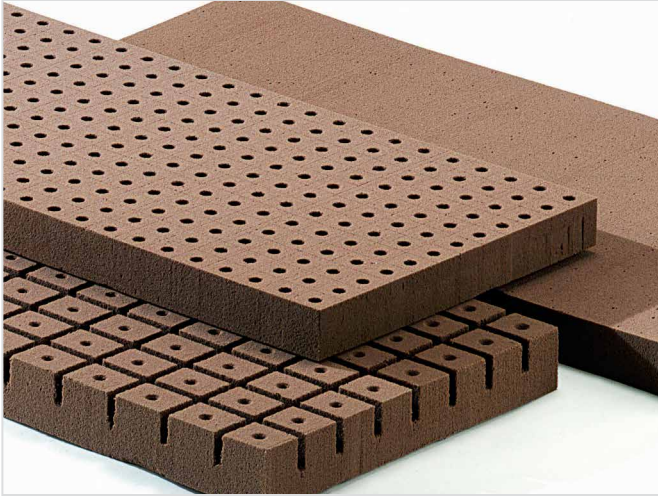


InVitro Express- 35 ct
87-78350

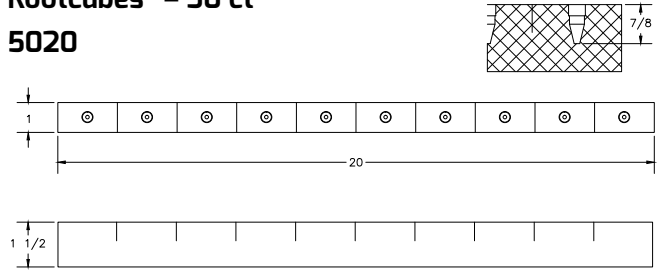


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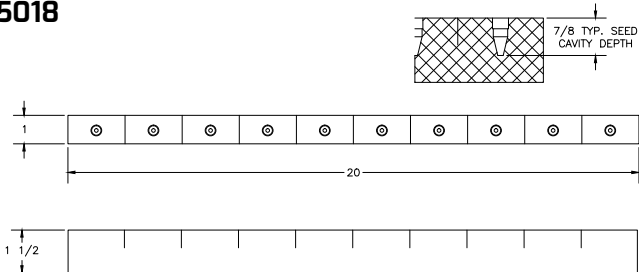
Rootcubes®



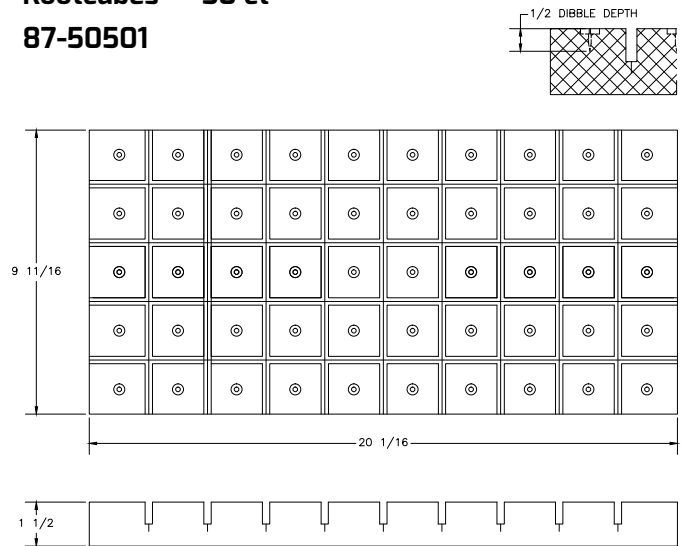
Rootcubes® - 50 ct 5020



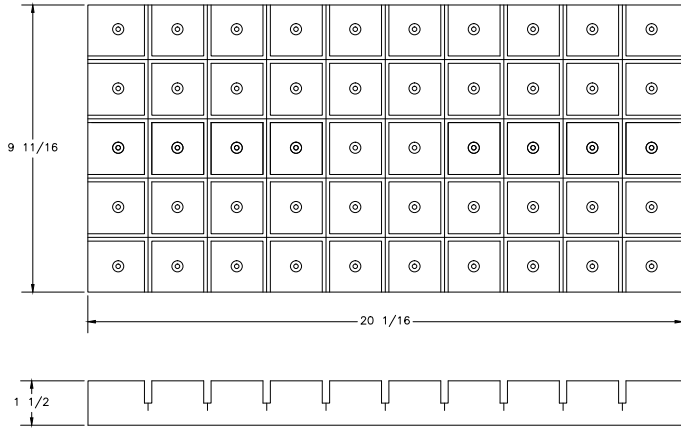
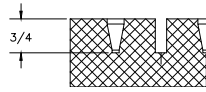
Rootcubes® - 10 ct 5018



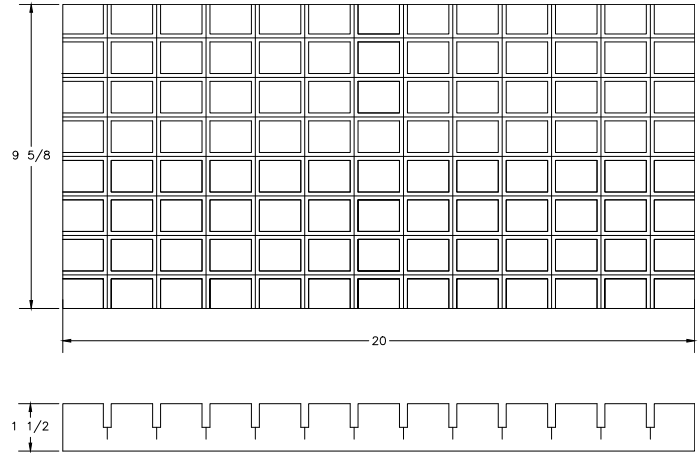
Rootcubes® - 50 ct 87-50501



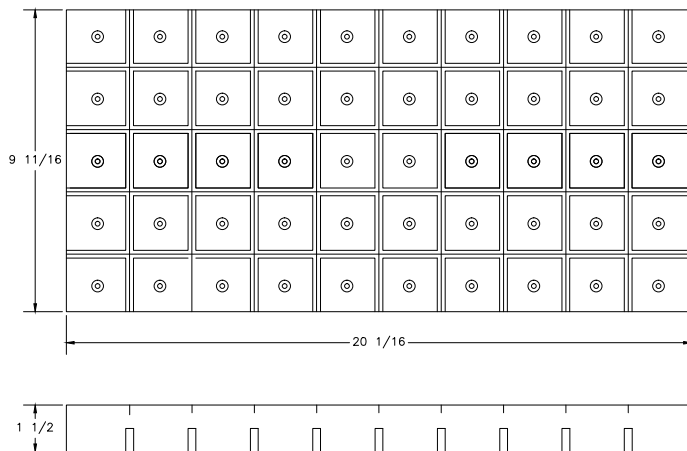
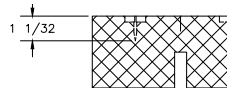
Rootcubes® – 50 ct
5015



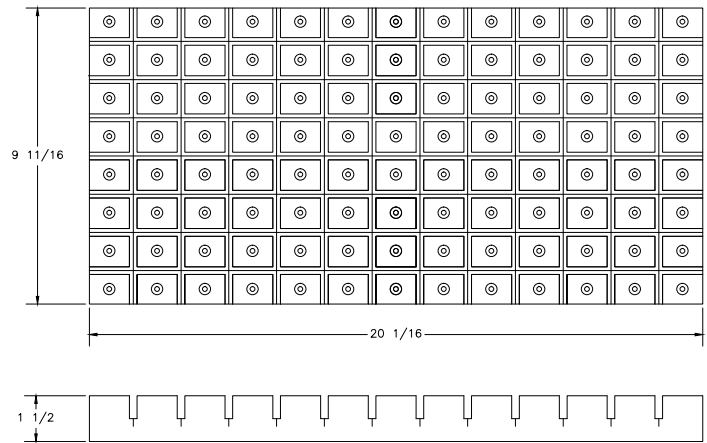
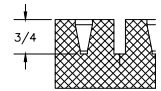
Rootcubes® – 104 ct
5012



Rootcubes® – 50 ct
87-40101

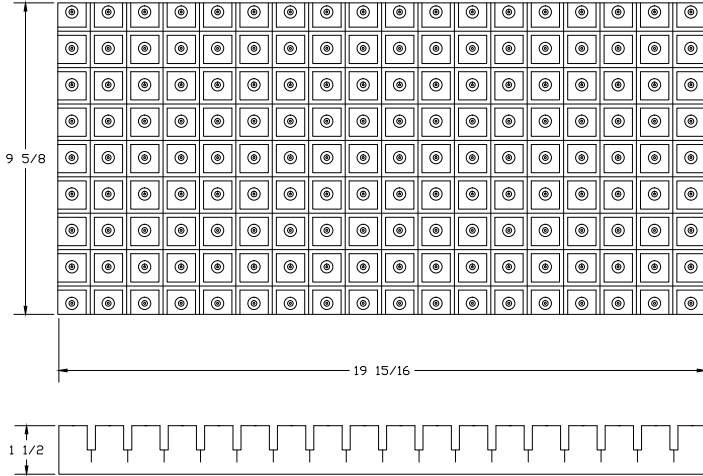
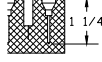


Rootcubes® – 104 ct
5010

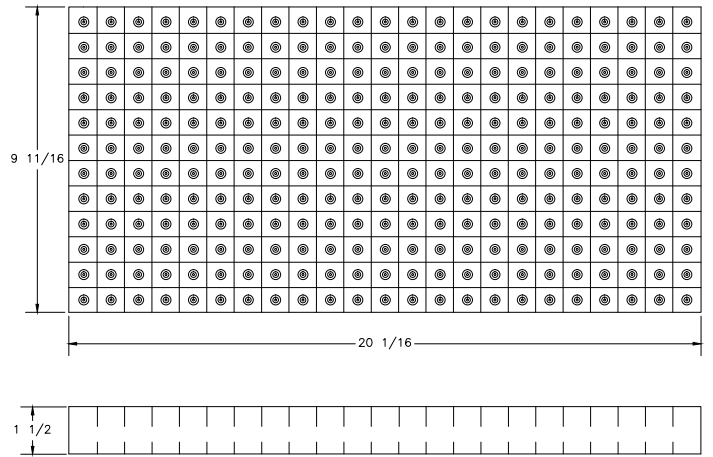
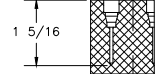


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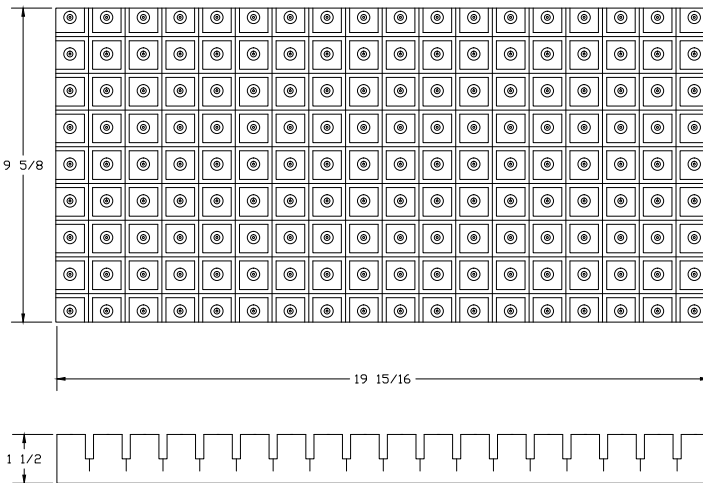
Rootcubes® – 162 ct
5005



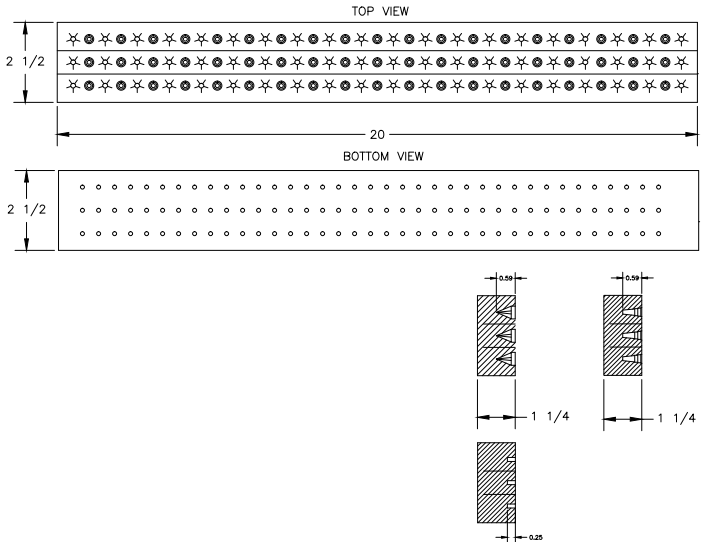
Rootcubes® – 276 ct
5036



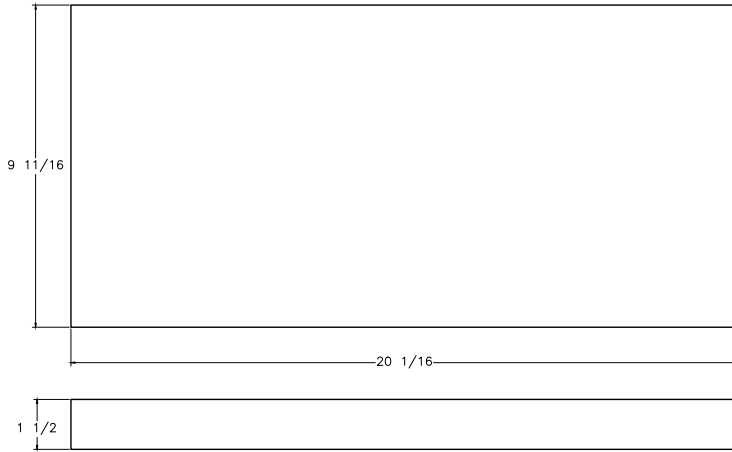
Rootcubes® – 162 ct
87-51621



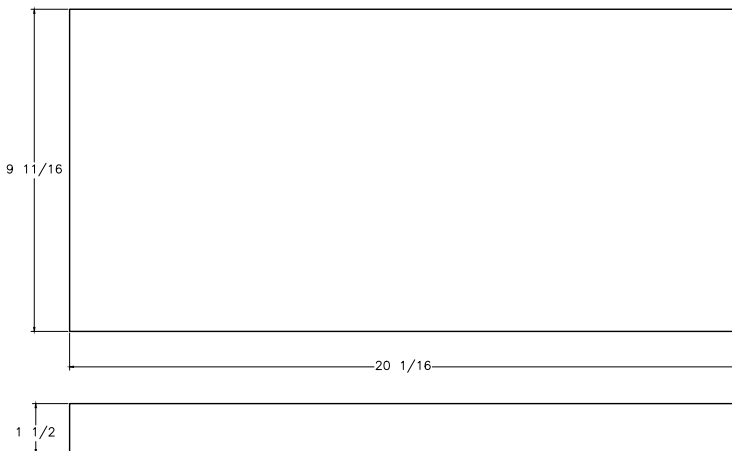
Rootcubes® – 50117
87-50117



Rootcubes® - 09990
87-09990



Rootcubes® - 59990
87-59990

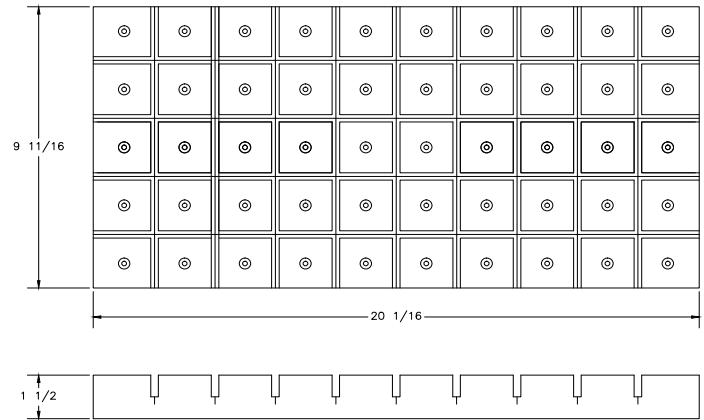
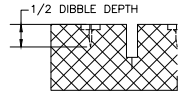


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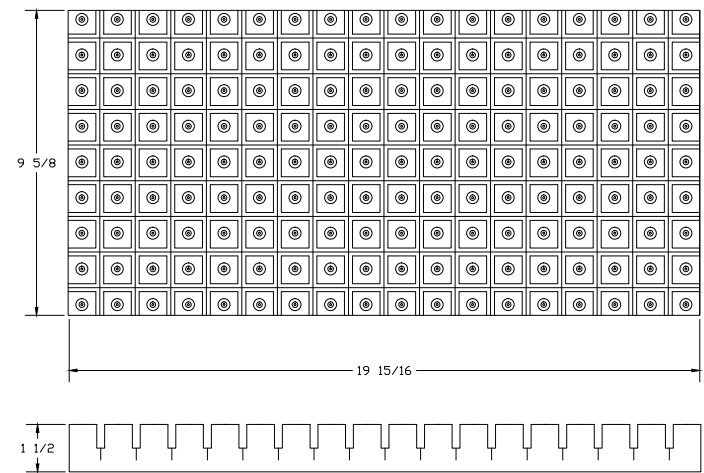
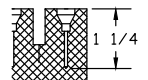
Rootcubes® Plus



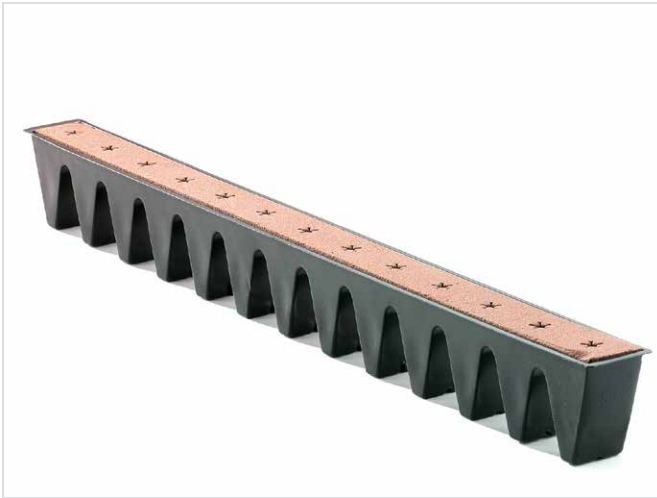
Rootcubes® Plus – 50 ct 87-50501



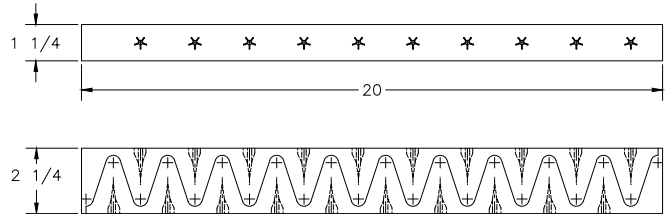
Rootcubes® Plus – 162 ct 87-51621



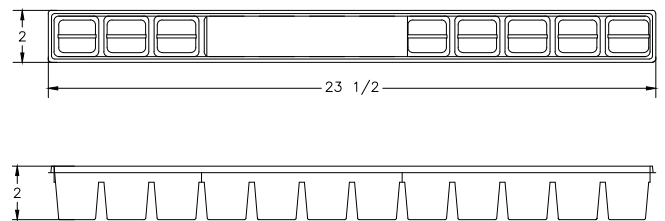
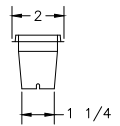
Rootcubes® Wedge®



Rootcubes® Wedge® – 10 ct 5636

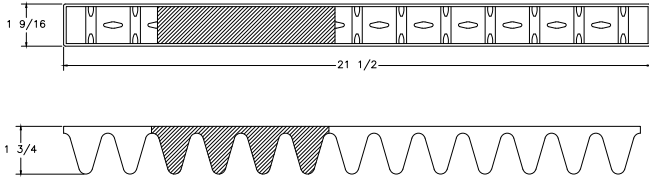


Rootcubes® Wedge® – 12 ct 5680

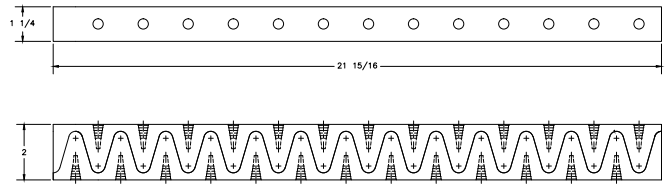


Configurations

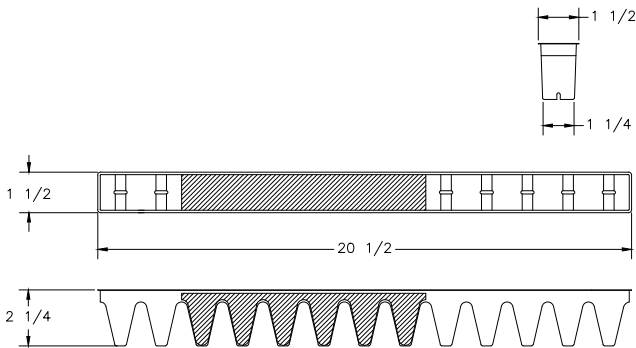
Rootcubes® Wedge® – 13 ct
5648



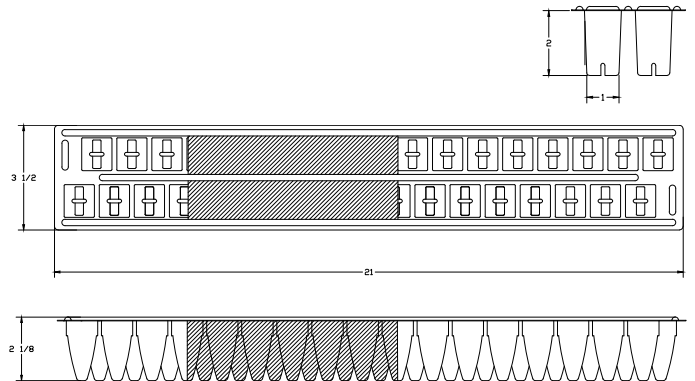
Rootcubes® Wedge® – 26 ct
5646



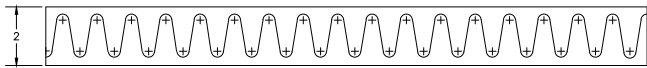
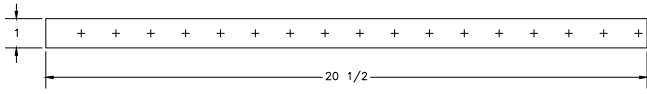
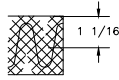
Rootcubes® Wedge® – 13 ct
5656



Rootcubes® Wedge® – 34 ct
5625

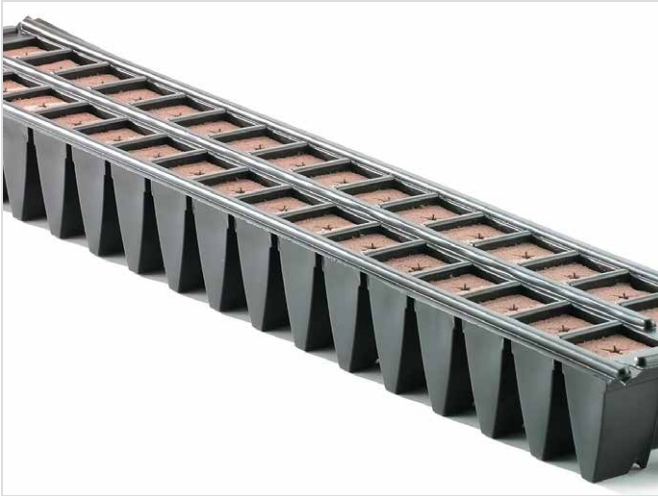


Rootcubes Wedge® - 34 ct
5615NH

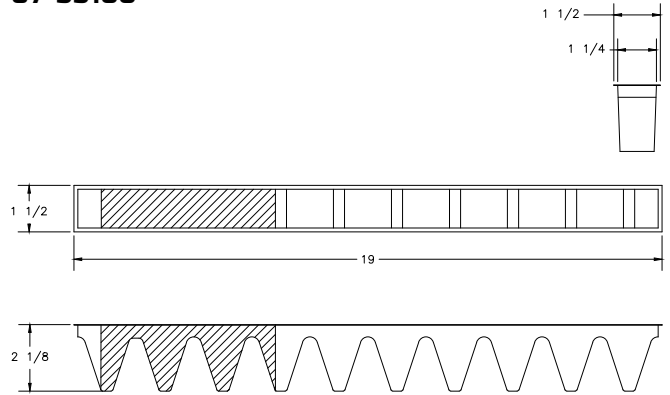


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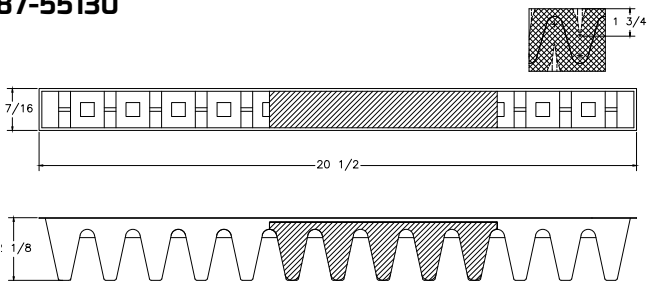
Rootcubes® Plus Wedge®



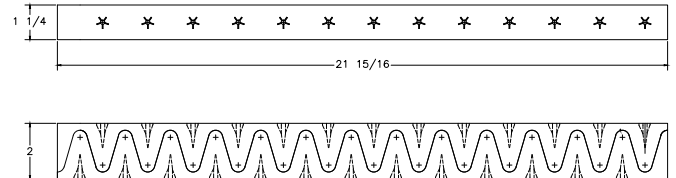
Rootcubes® Plus Wedge® – 10 ct 87-55100



Rootcubes® Plus Wedge® – 13 ct 87-55130



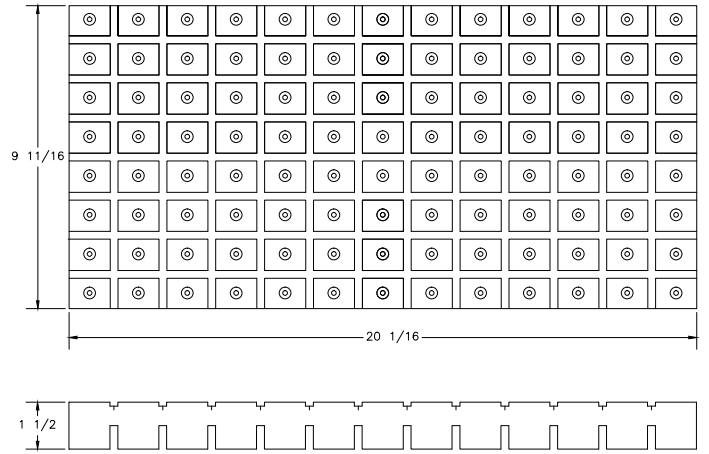
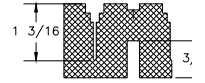
Rootcubes® Plus Wedge® – 13 ct 87-55135



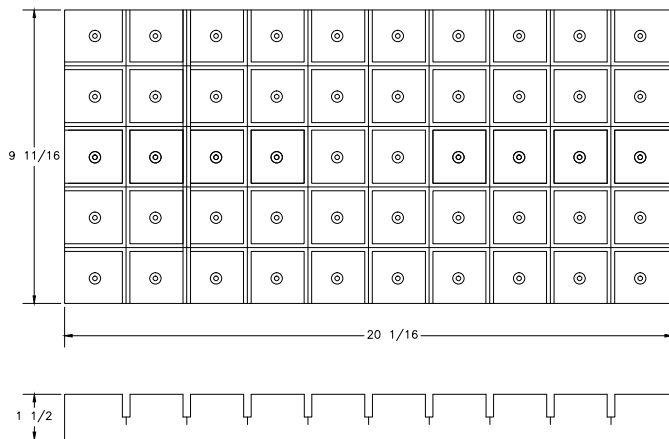
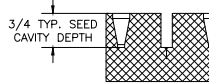
Horticubes®



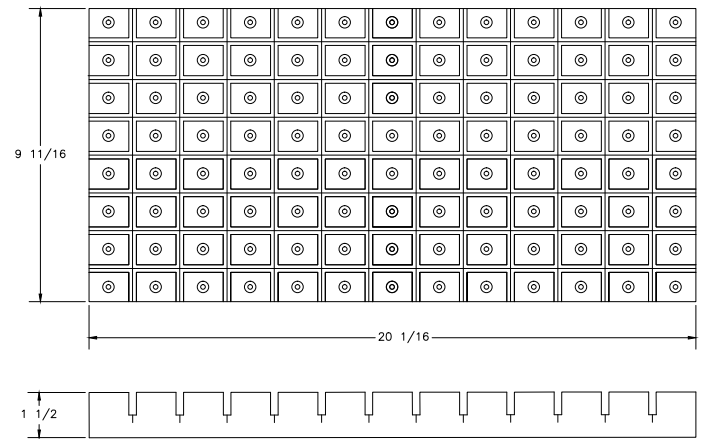
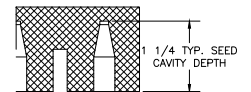
Horticubes® – 104 ct 87-11043



Horticubes® – 50 ct 5245

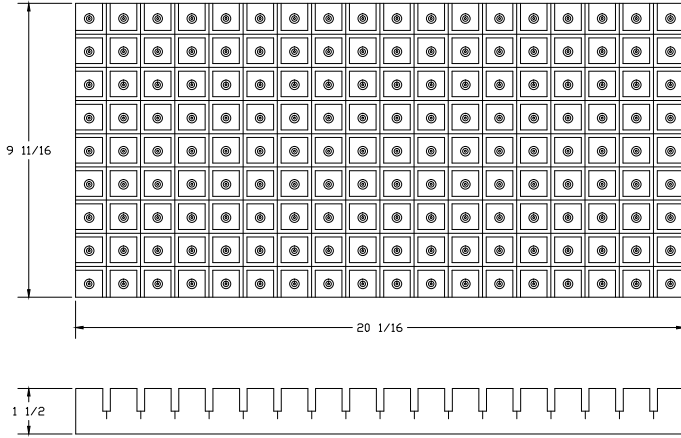
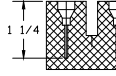


Horticubes® – 104 ct 5240

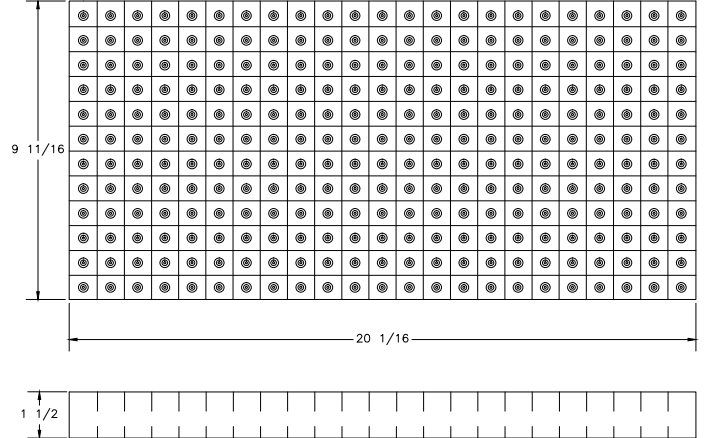
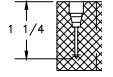


Configurations

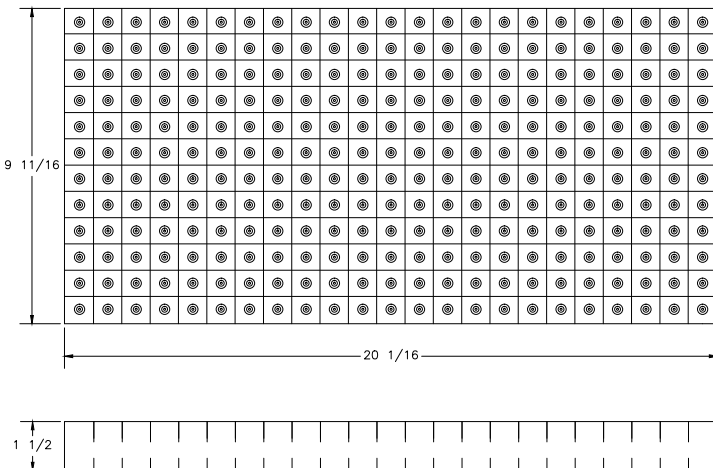
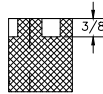
Horticubes® – 162 ct
5225



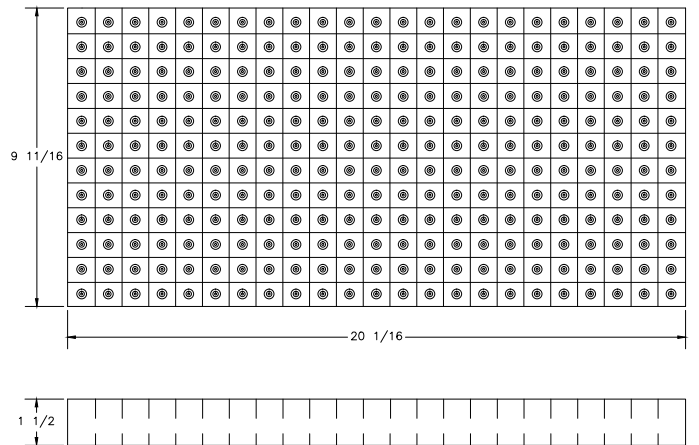
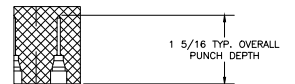
Horticubes® – 276 ct
5231



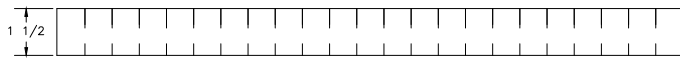
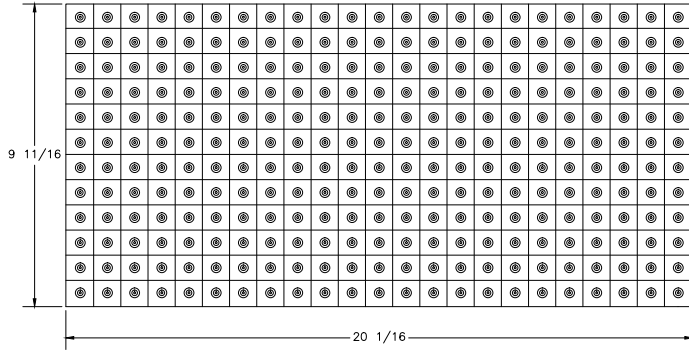
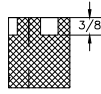
Horticubes® – 276 ct
87-12762



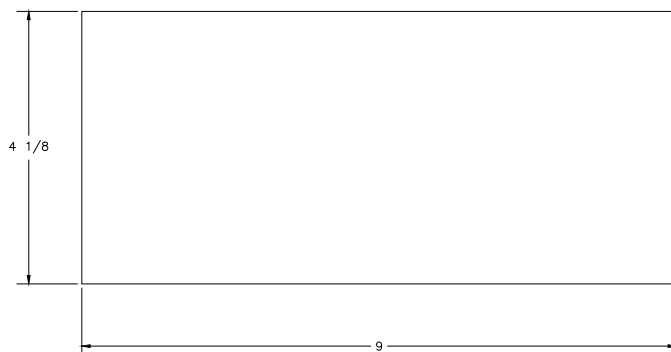
Horticubes® – 276 ct
5232



Horticubes® - 276 ct
87-12769

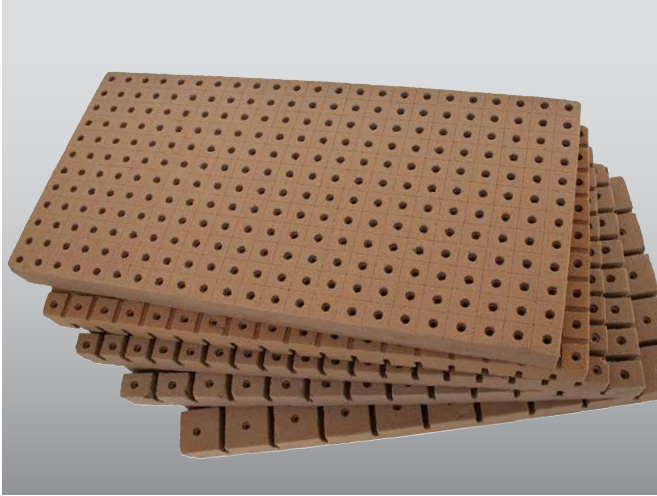


Horticubes® - 5200

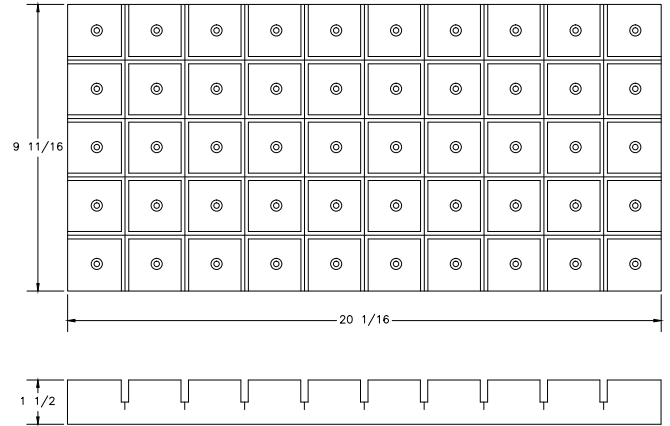


Configurations

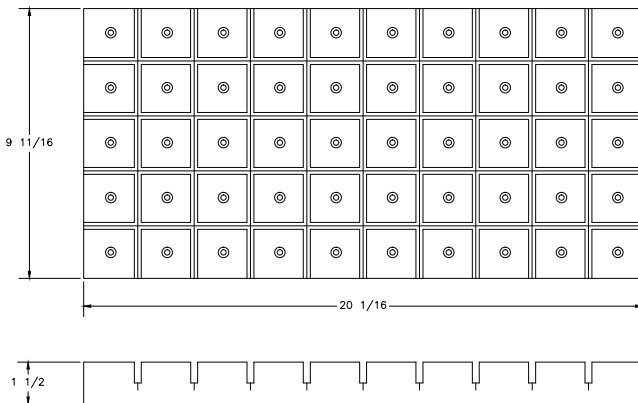
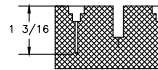
Horticubes® XL



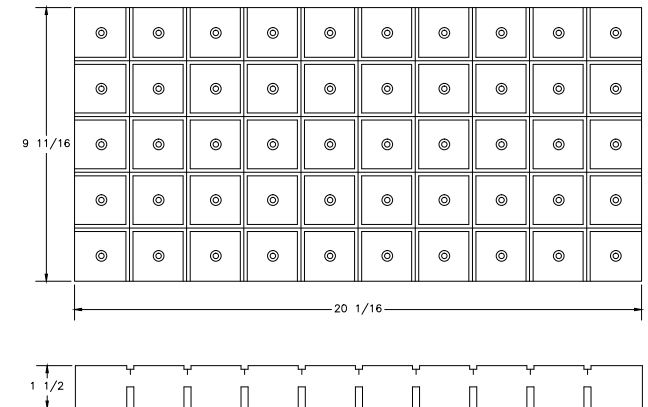
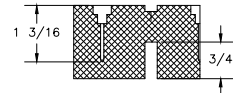
Horticubes® XL – 50 ct
87-20502



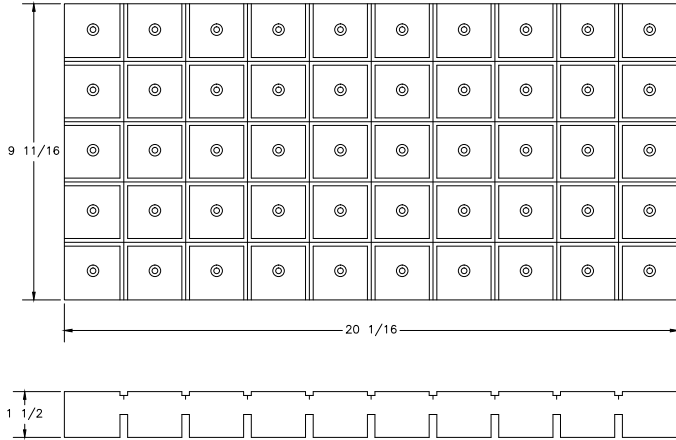
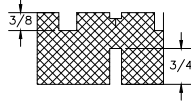
Horticubes® XL – 50 ct
87-20501



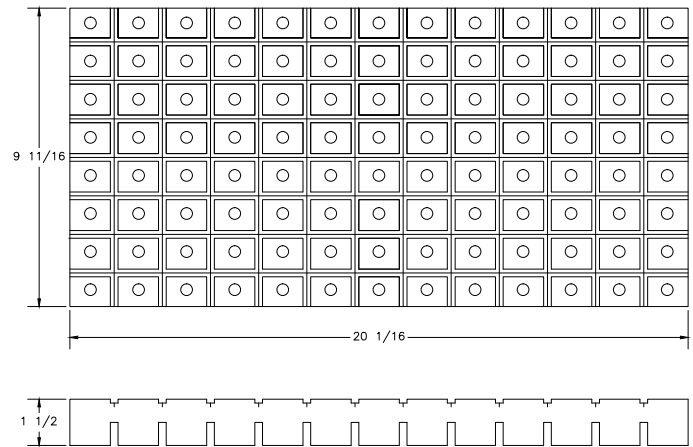
Horticubes® XL – 50 ct
87-20503



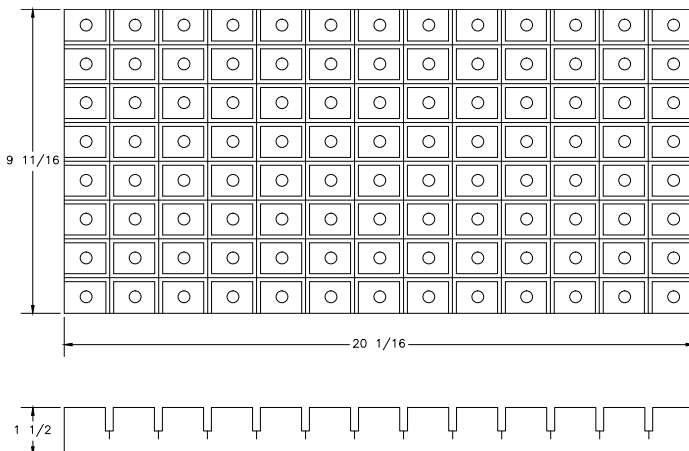
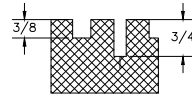
Horticubes® XL - 50 ct
87-20504



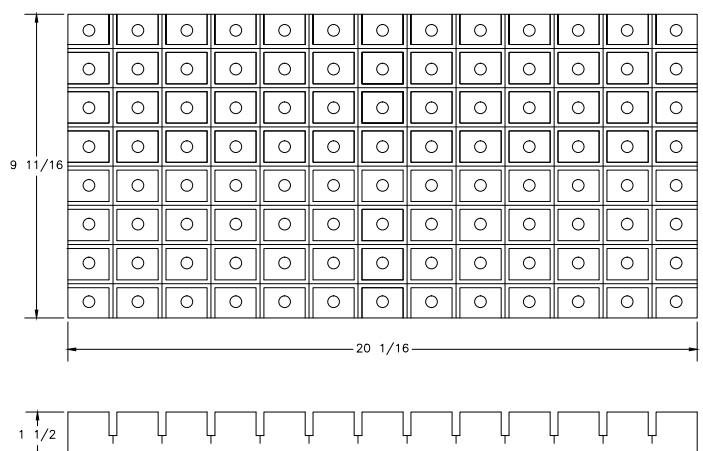
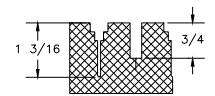
Horticubes® XL - 104 ct
87-21043



Horticubes® XL - 104 ct
87-21042

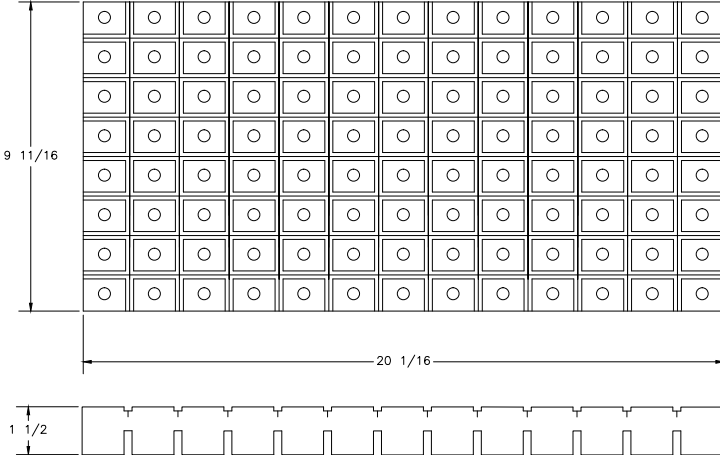


Horticubes® XL - 104 ct
87-21041

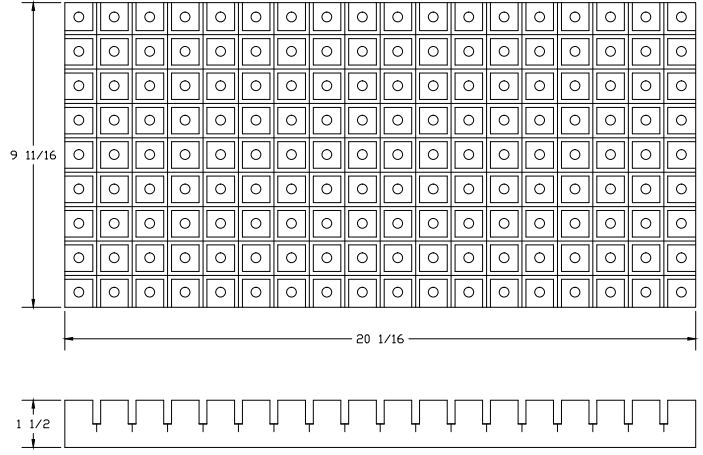
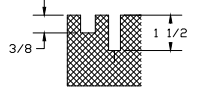


Configurations

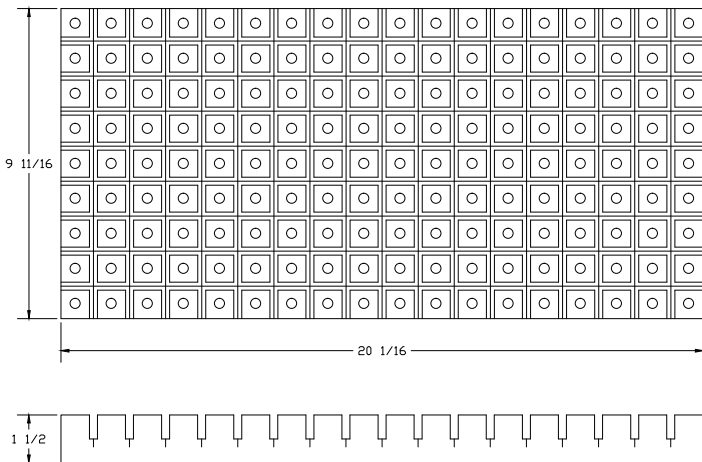
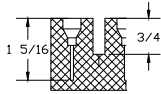
Horticubes® XL - 104 ct
87-21044



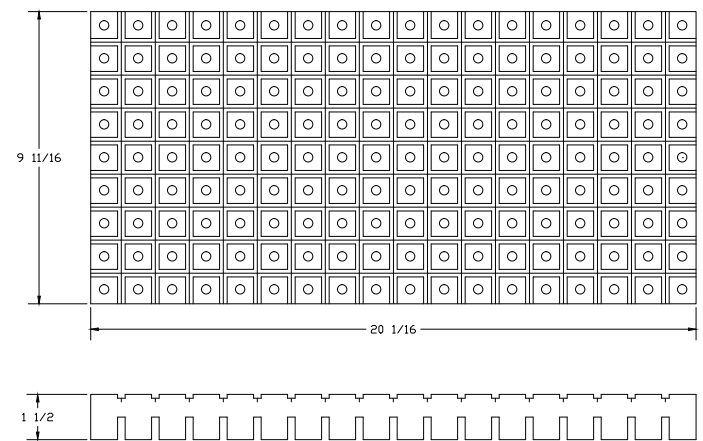
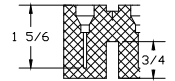
Horticubes® XL - 162 ct
87-21622



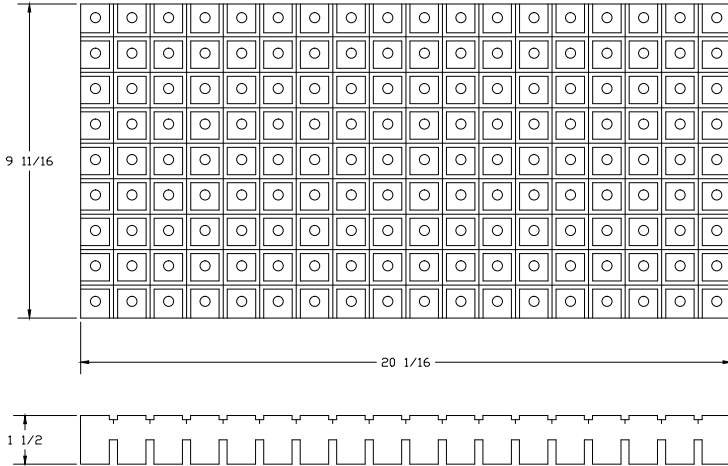
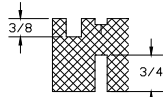
Horticubes® XL - 162 ct
87-21621



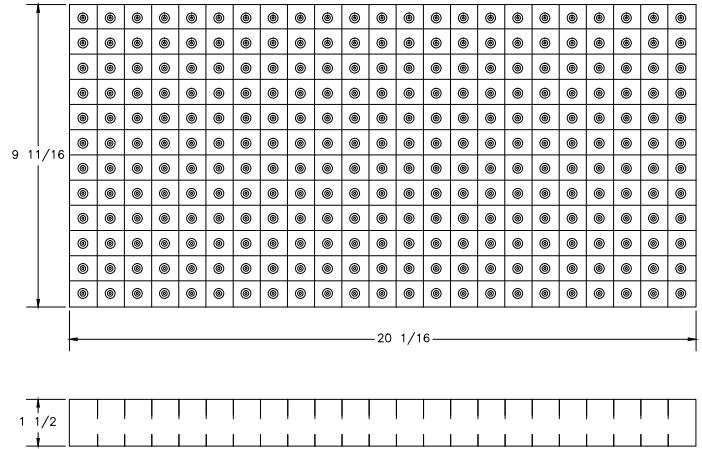
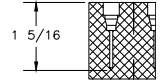
Horticubes® XL - 162 ct
87-21623



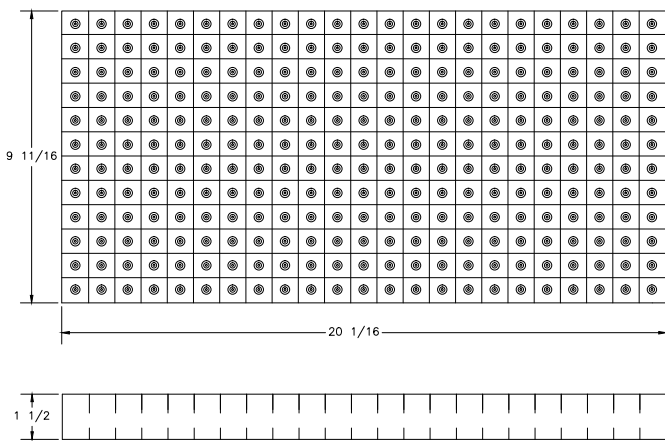
Horticubes® XL - 162 ct
87-21624



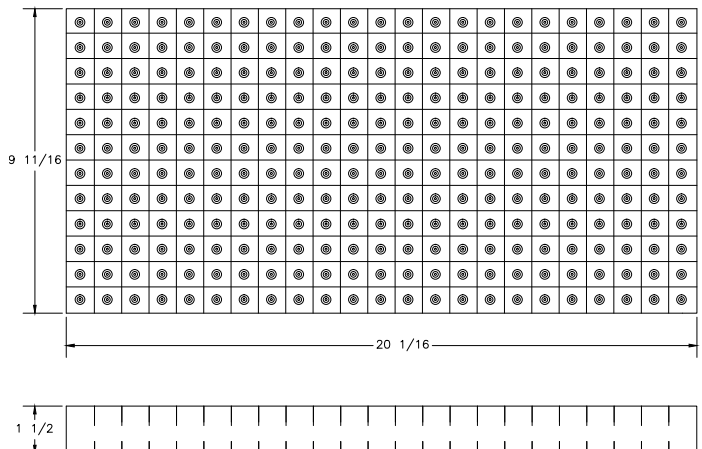
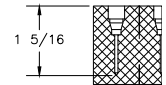
Horticubes® XL - 276 ct
87-22765



Horticubes® XL - 276 ct
87-22762

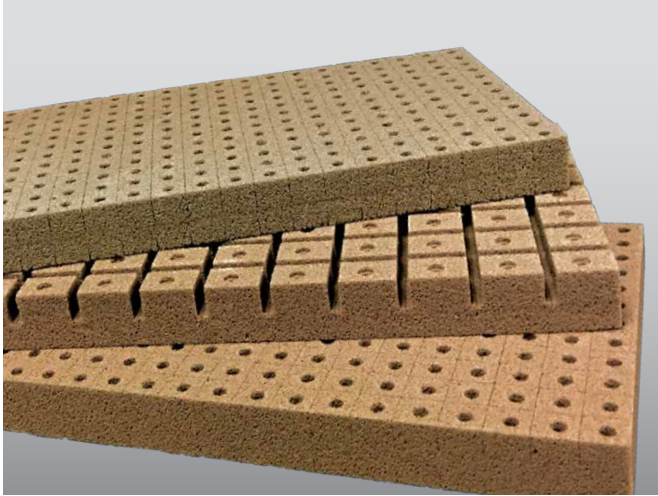


Horticubes® XL - 276 ct
87-22761

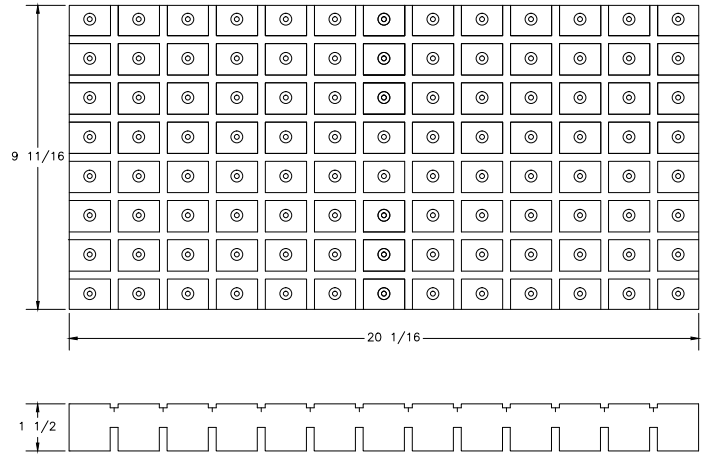
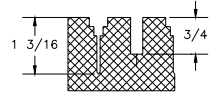


Configurations

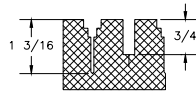
Horticubes® eS



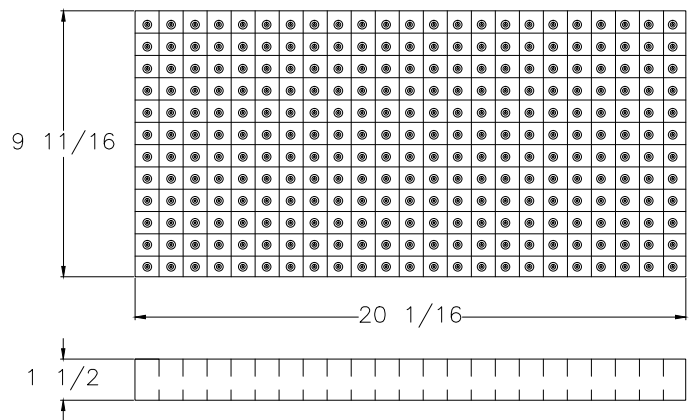
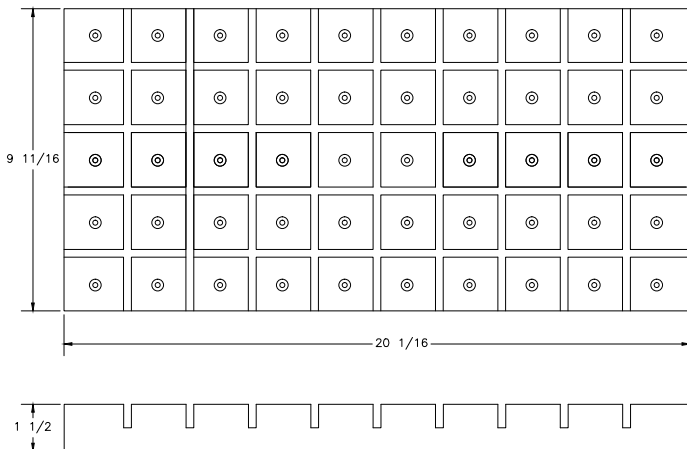
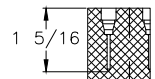
Horticubes® eS – 104 ct
87-31041



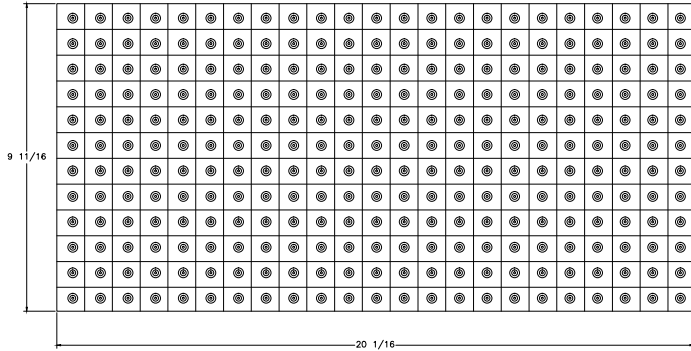
Horticubes® eS – 50 ct
87-30501



Horticubes® eS – 276 ct
87-32761



Horticubes® eS - 276 ct
87-32762

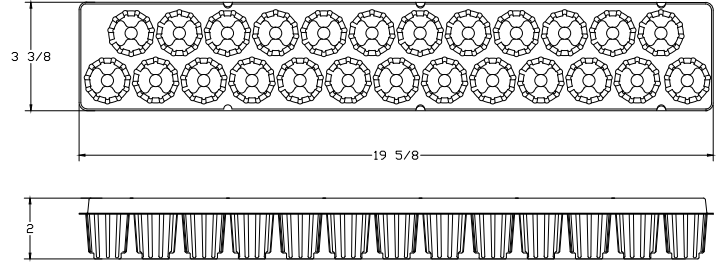


Configurations

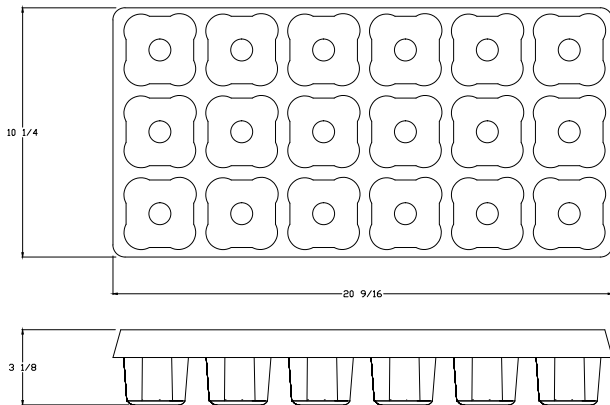
Fertiss®



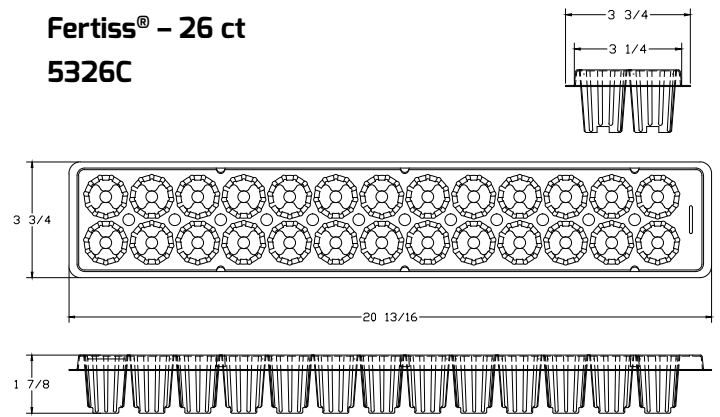
Fertiss® - 25 ct
5325C



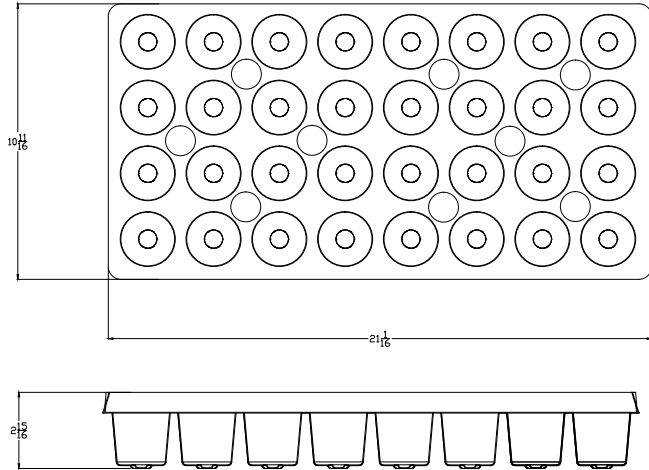
Fertiss® - 18 ct
5318C



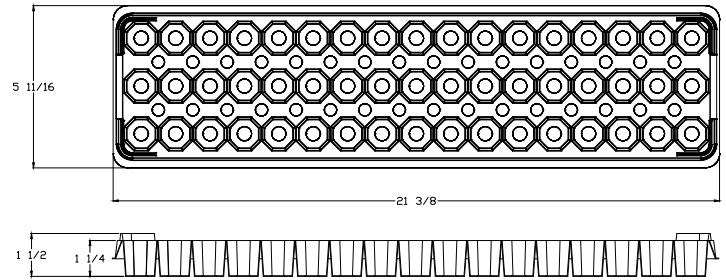
Fertiss® - 26 ct
5326C



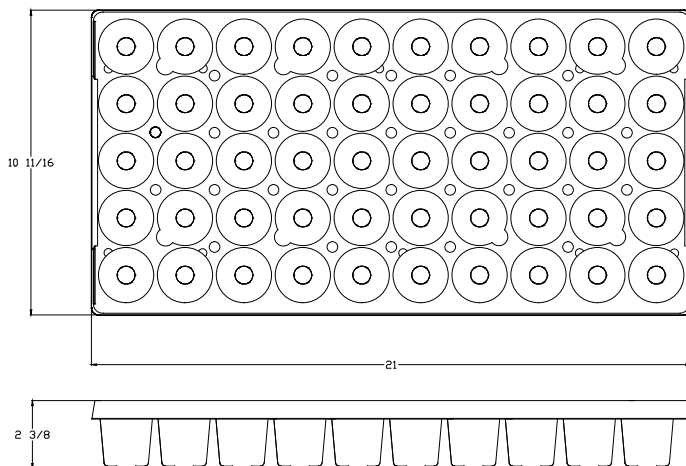
Fertiss® - 32 ct
5332C



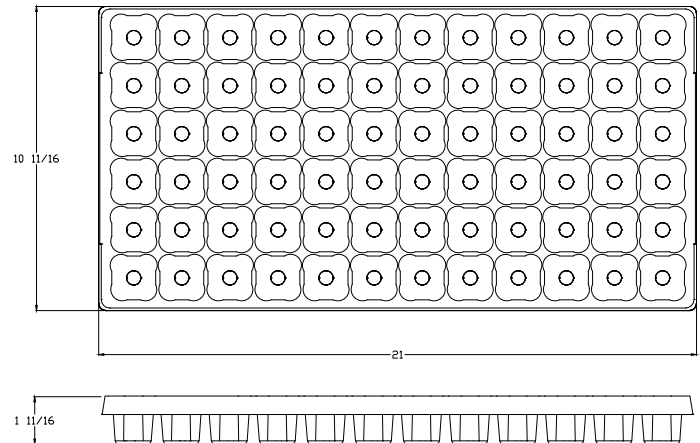
Fertiss® - 51 ct
87-53511



Fertiss® - 50 ct
5350C, 5350LC

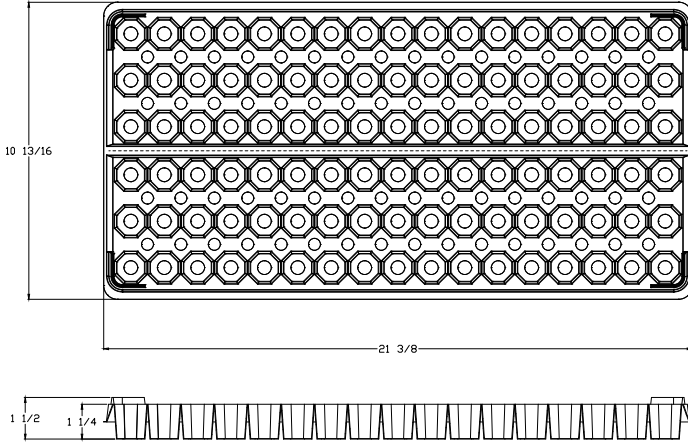


Fertiss® - 72 ct
5372C2

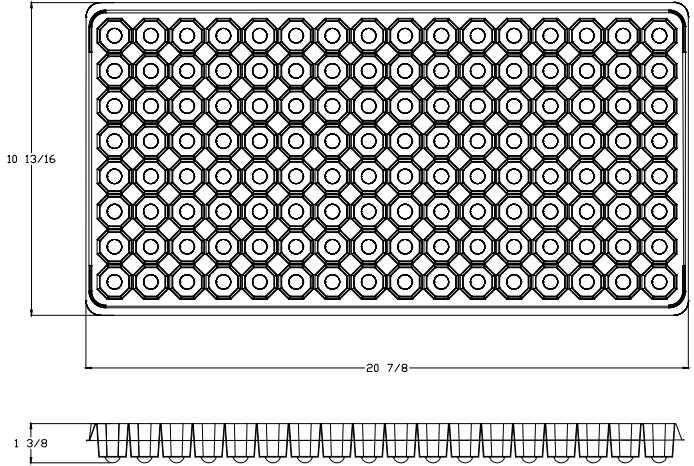


Configurations

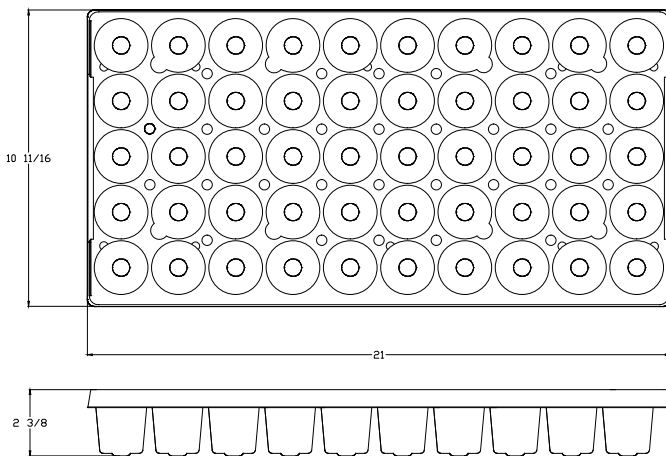
Fertiss® - 102 ct
87-53021



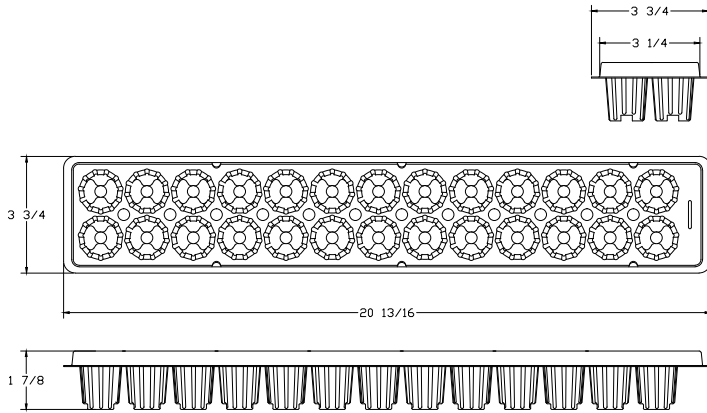
Fertiss® - 128 ct
87-53129



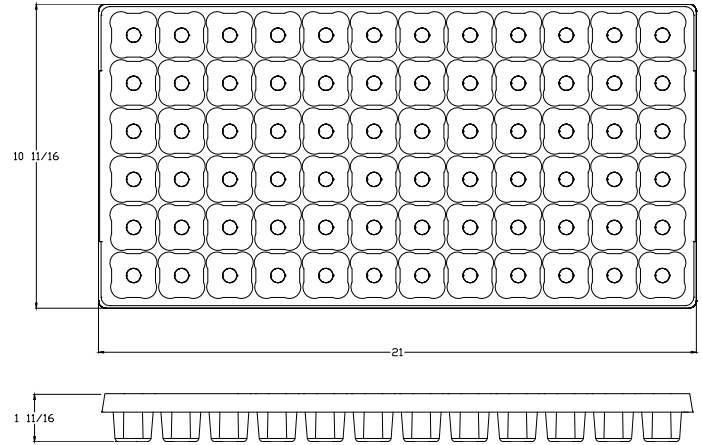
Fertiss® - 105 ct
5305C2



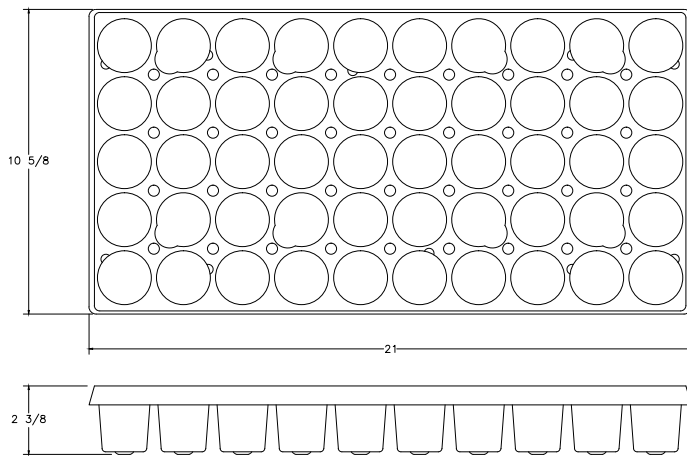
Fertiss® eS – 26 ct
87-34026



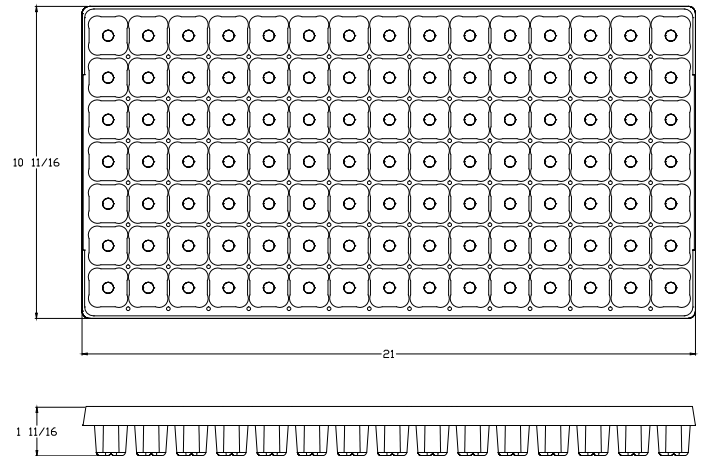
Fertiss® eS – 72 ct
87-34072



Fertiss® eS – 50 ct
87-34050



Fertiss® eS – 105 ct
87-34105

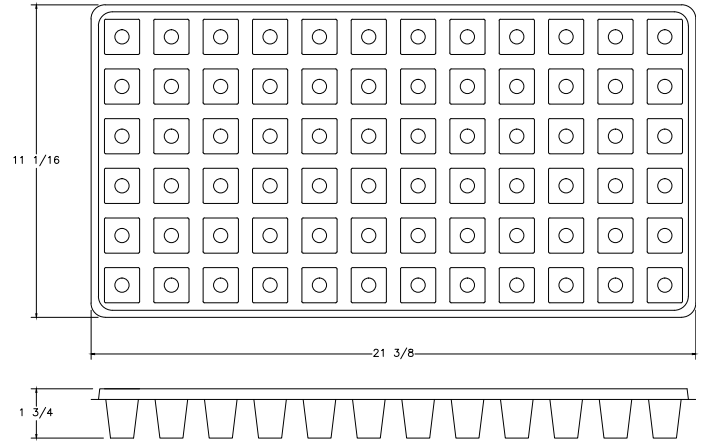


Configurations

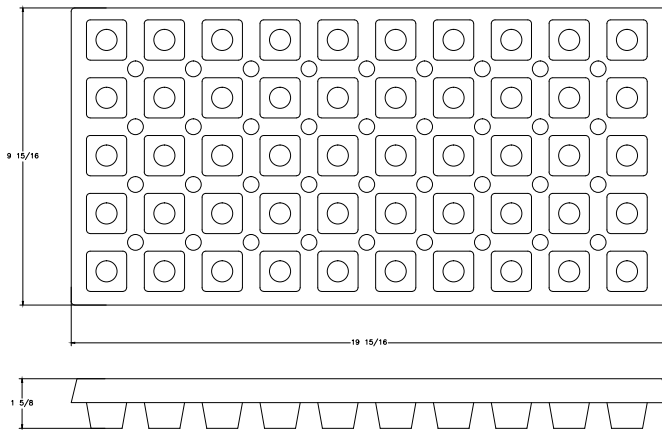
Terra Plug



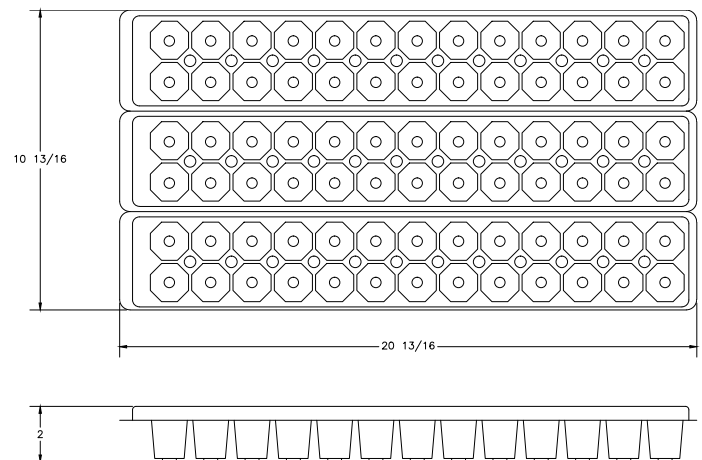
Terra Plug – 72 ct
87-61072



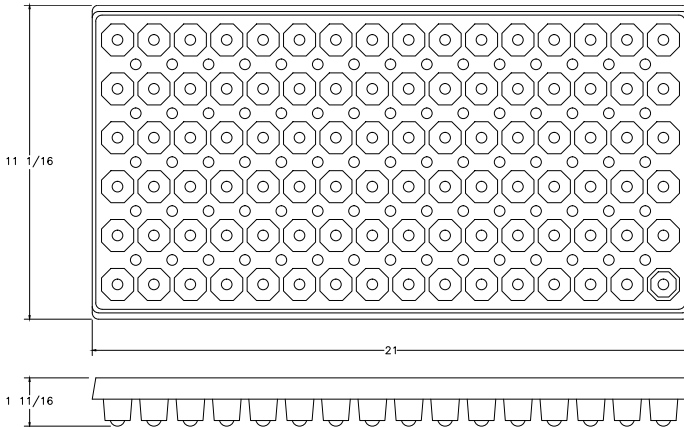
Terra Plug – 50 ct
87-61050



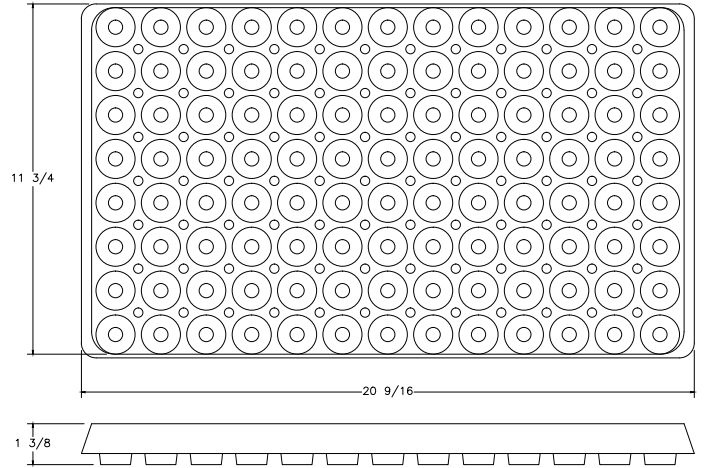
Terra Plug – 78 ct
87-61078



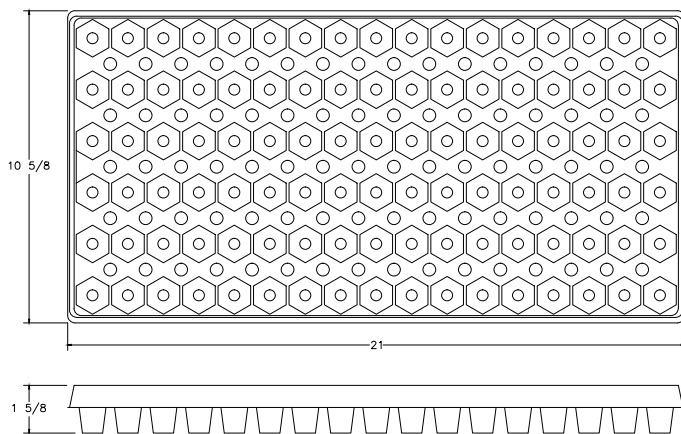
Terra Plug – 96 ct
87-61096



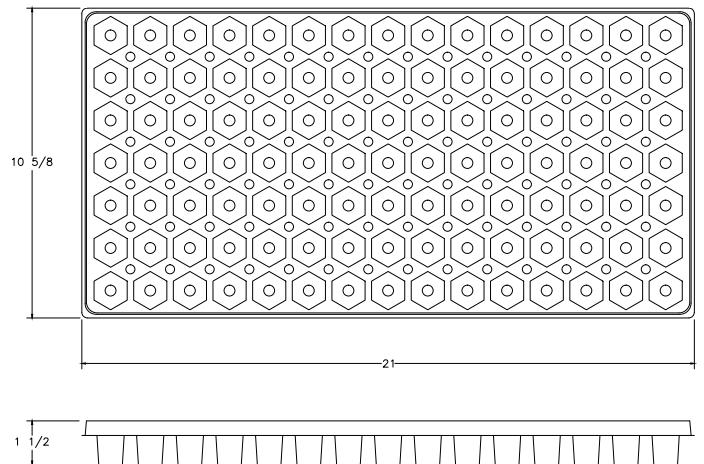
Terra Plug – 104 ct
87-61104A



Terra Plug – 102 ct
87-61102

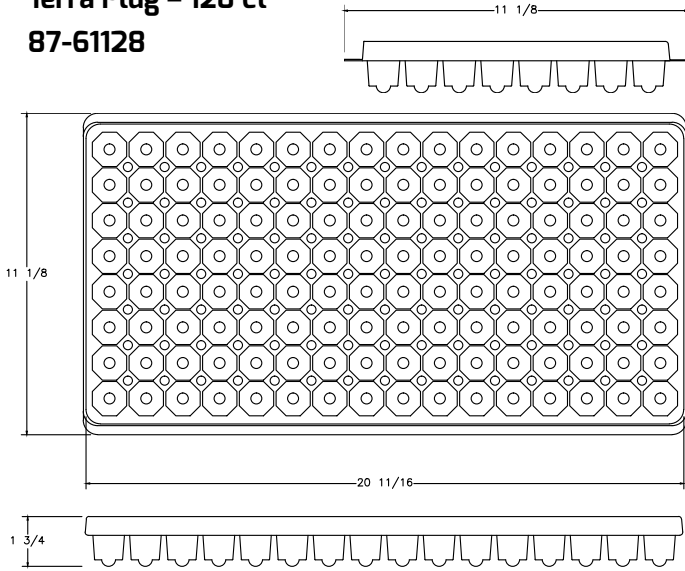


Terra Plug – 105 ct
87-61105

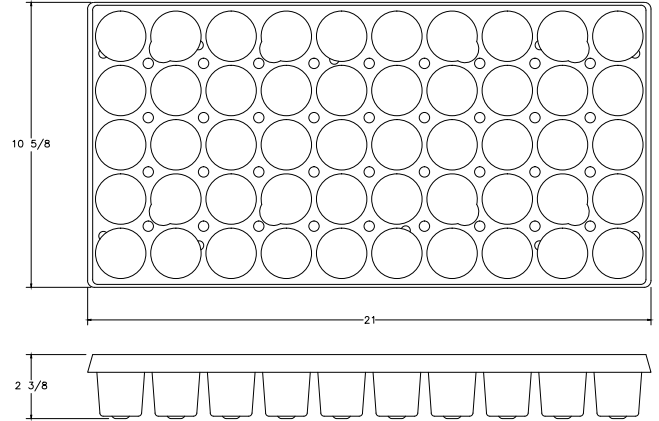


Configurations

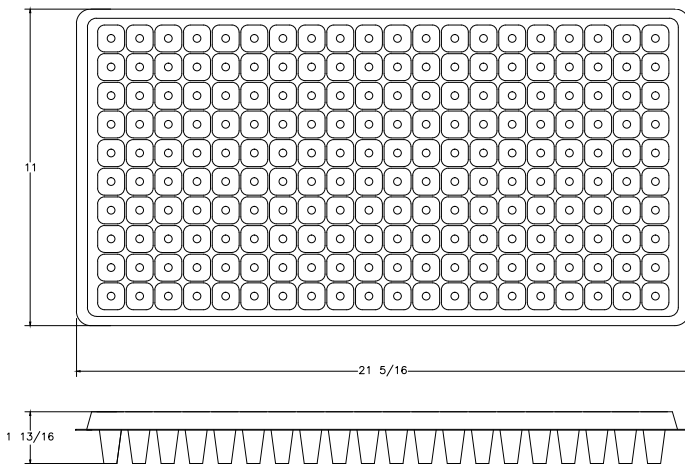
Terra Plug – 128 ct
87-61128



Terra Plug – 50 ct Deep
87-61050D



Terra Plug – 200 ct
87-61200





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