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JUMP START®

Add on as you grow with the Jump Start modular T5 system and parts!

The Jump Start T5 Modular System gives you total control of your lighting needs. The Jump Start T5 is available as a combo kit, a complete 2-foot or 4-foot system, or as separate units so you can buy what you need to begin, and add on as you grow! The high output, energy efficient T5 lamps ensure that your plants get the light they need for robust growth. Whether you want a hanging system, a standalone unit, or a simple strip for a windowsill, the Jump Start T5 is the growers' choice for seed starts, cuttings, herbs, and more!

**Available in two sizes –
2 foot and 4 foot!**

Try the new Combo Kit for great value – get into growing at a lower cost!

JUMP START T5 COMBO KIT

(JSFC4/JSFC2) – Featuring a high output, 6400k T5 lamp, the combo kit includes electronic ballast, hanging clips, power cord, and one Jump Start T5 Snap-On Reflector (JSFR2/JSFR4 – also available separately).



JSFC2

Combo kit includes reflector, fixture, lamp, power cord & hanging clips



The Jump Start Modular T5 system is available as an individual strip, combo kit, or complete system!



| COMPARE: | INDIVIDUAL STRIP | COMBO KIT | COMPLETE SYSTEM |
|---------------------------------------|------------------|-----------|-----------------|
| Item Code | JSFS2 / 4 | JSFC2 / 4 | JSFSYS2 / 4 |
| INCLUDES: | | | |
| Strip Fixture with Electronic Ballast | 1 | 1 | 4 |
| Full Spectrum, 6400K T5 Lamp | 1 | 1 | 4 |
| 6' Power Cord | 1 | 1 | 1 |
| Lightweight, Snap-On Reflector | | 1 | 4 |
| Docking Unit | | | 2 |
| Legs | | | 4 |
| Jump Start T5 Link Cables | | | 3 |

The Complete System comes pre-assembled with everything you need to grow!

JUMP START T5 MODULAR COMPLETE SYSTEM (JSFYS4/JSFYS2) – Available in 2-foot or 4-foot systems. Comes pre-assembled with everything you need to grow!

- 4 full spectrum, 6400k T5 lamps
- 4 lightweight reflectors
- 2 docks
- 4 Legs (18")
- 3 link cords
- 6' power cord with in-line on/off switch



Hang overhead or stand above plants

JSFYS2 with overhead mount

JUMP START T5 STRIP FIXTURE WITH LAMP (JSF54/JSF52) – Includes the lamp, ballast, hanging clips, and power cord (does not include the reflector).



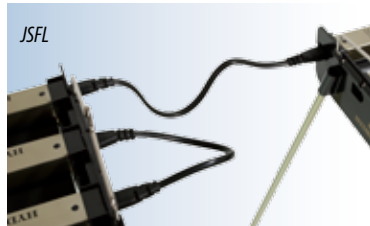
JUMP START T5 SNAP-ON REFLECTOR (JSFR2/JSFR4) adds growing power to your light strip by directing light down to your plants.



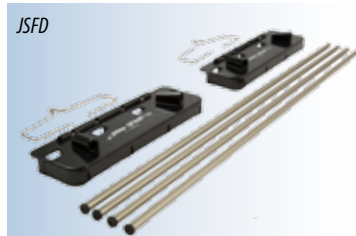
Buy individual components to customize your own setup!

Daisy-chain multiple units with the T5 Jumper Cable

JUMP START T5 JUMPER CABLE (JSFL) – Daisy-chain up to 5 of the 4' individual strips together, or 10 of the 2' strips (total maximum wattage of 270 W).



JUMP START T5 END CAP KIT (JSFD) – Includes 4 legs (18") and two docking units to create a 2' or 4' system.



JUMP START MODULAR T5 SYSTEM

| ITEM CODE | DESCRIPTION | SRP |
|---------------|--|-----------------|
| JSFC2 | JumpStart T5 Combo w/Strip Fixture, 1 Lamp & Reflector, 2 ft | \$34.95 |
| JSFC4 | JumpStart T5 Combo w/Strip Fixture, 1 Lamp & Reflector, 4 ft | 39.95 |
| JSFYS2 | Jump Start T5 Modular Complete System w/4 Lamps, 2 ft | \$129.95 |
| JSFYS4 | Jump Start T5 Modular Complete System w/4 Lamps, 4 ft | 149.95 |
| JSF52 | Jump Start T5 Strip Fixture w/1 Lamp, 2 ft | \$27.95 |
| JSF54 | Jump Start T5 Strip Fixture w/1 Lamp, 4 ft | 32.95 |
| JSFR2 | Jump Start T5 Snap-On Reflector, 2 ft | \$14.95 |
| JSFR4 | Jump Start T5 Snap-On Reflector, 4 ft | 19.95 |
| JSFD | Jump Start T5 Dock for 4 Lamp System | \$9.95 |
| JSFL | Jump Start T5 Fixture Link Cord | \$1.95 |



Ideal for seedlings, cuttings, flowers, and house plants.



JSV2
2 ft Jump Start

Start with seeds and watch them grow; then, when plants get too tall for your original kit, just snap on the 2 ft extension bars* and continue growing.

- Simple toggle clamp for easy lamp height adjustment
- Quick connectors for super easy assembly – no tools required
- Internal reflective finish directs more light to plants (Grow Light System only)

*Extension kit sold separately



JSV4
4 ft Jump Start

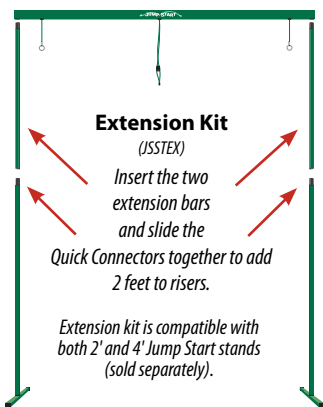
Easy lamp height adjustment.

- Grow seedlings faster – 15–20% more lumens than shop lights
- Maximize plant growth – Simple toggle clamp for easy lamp height adjustment keeps light close to plants
- Save time & money – Highly efficient T5 bulb (with more lumens per watt) and super reflective internal finish mean more light for your plants and less stress on your budget
- The environmental choice – Longer life, smaller bulb means less waste and a smaller environmental footprint
- Easy to use – Assembles in minutes
- Compatible with Hydrofarm's FLT, FLV, and FLP tubes

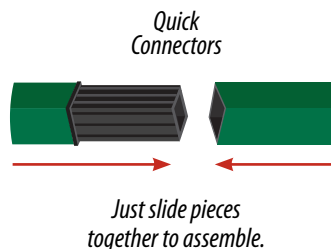
INCLUDES:

- T5 high output grow light fixture and bulb
- 6' grounded cord with on/off switch
- Dimensions:
JSV2: 24.5" H x 18.25" W x 26" L
JSV4: 31.75" H x 18.25" W x 50" L

Extension kit sold separately



Easy to assemble – no tools required



JUMP START GROW LIGHT® SYSTEM AND EXTENSION KIT

| ITEM CODE | DESCRIPTION | WT | SRP |
|----------------|---------------------------------|---------|----------------|
| JSV2 | 2' Jump Start Grow Light System | 7 lbs. | \$69.95 |
| JSV4 | 4' Jump Start Grow Light System | 10 lbs. | 84.95 |
| JS10065 | 2' Jump Start Light Stand only | 3 lbs. | \$30.95 |
| JS10059 | 4' Jump Start Light Stand only | 4 lbs. | 34.95 |
| JSSTEX | Jump Start Extension Kit - 2' | 1 lb. | \$ 9.95 |

T5 HIGH OUTPUT GROW LIGHT

Maximizes your germination success and is great for seedlings, cuttings, veggies, flowers, herbs, greens, and more. Features a high output T5 full daylight spectrum bulb for faster growth. Cool running design lets you position light closer for healthier, hardier plants.

- 2 times more efficient than ordinary grow lights
- 20% more light intensity than comparable fluorescent grow lights

Fits JUMP START stand!

JS10065/59 above

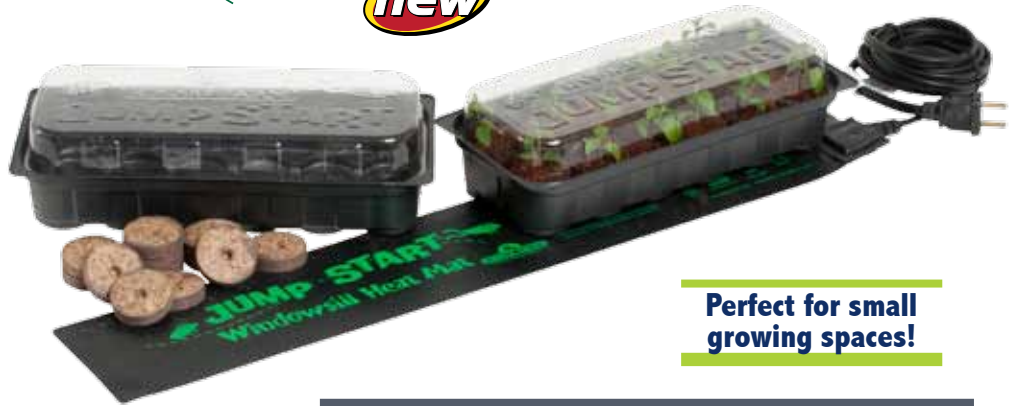


| ITEM CODE | DESCRIPTION | WT | SRP |
|--------------|------------------------------|--------|----------------|
| JST52 | 2' T5 HO 24 W (fixture/bulb) | 2 lbs. | \$43.95 |
| JST54 | 4' T5 HO 54 W (fixture/bulb) | 3 lbs. | 51.95 |



JUMP START WINDOWSILL HEAT MAT AND TRAY KIT

The Jump Start Windowsill Heat Mat and Tray Kit includes everything you need to start a windowsill garden! It includes two mini greenhouses, each with 12 peat pellets and a Jump Start dome to create the perfect environment for your plants. The kit also comes with the Jump Start Windowsill Heat Mat that fits perfectly underneath the two greenhouses, and is the perfect size for small growing spaces. The 3" x 20" heat mat improves germination by warming the root area 10-20°F over ambient temperature.

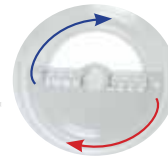


Perfect for small growing spaces!

| ITEM CODE | DESCRIPTION | SRP |
|-----------|---------------------------|---------|
| JS6120 | Jump Start Windowsill Kit | \$24.95 |

GERMINATION STATION® WITH HEAT MAT

- Grow healthier starts
- Increase germination success
- Humidity control for optimum growth
- Adjustable vents on top and ends



Three adjustable patented vents!

INCLUDES:

- UL listed waterproof heat mat, 17 W, 120 V
- 2" humidity dome
- 11" x 22" watertight base tray
- 72-cell seedling insert
- Rooting additive
- Instructions with growing tips



Includes rooting additive



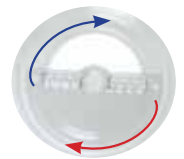
| ITEM CODE | DESCRIPTION | SRP |
|-----------|--|---------|
| CK64050 | Germination Station w/ Heat Mat, tray, 72 cell pack, 2" dome * | \$31.95 |

HOT HOUSE™

CK64060 Hot House comes with all the basics to ensure your indoor gardening success, including 72-cell tray, 7.5" dome, and heated mat – just add the media of your choice and get growing!

HOT HOUSE™ PLUS

CK64061 (not shown) Grow bigger and taller plants with Hot House Plus! Start with our vented 2" dome, and move up to the sturdy 7.5" dome with adjustable top vents as plants grow taller. Includes an 81 Pellet seedling tray filled with Jump Start coco pellets, two domes, and a heated mat!



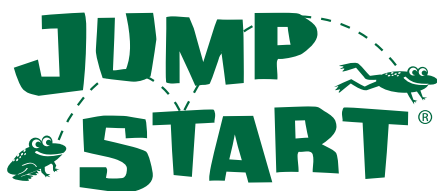
Three adjustable patented vents!



Includes rooting additive

| ITEM CODE | DESCRIPTION | SRP |
|-----------|--|---------|
| CK64061 | Hot House Plus w/Heat Mat, tray, 81 cell pack, 7.5" dome, 2" dome* | \$49.95 |
| CK64060 | Hot House w/Heat Mat, tray, 72 cell pack, 7.5" dome* | 39.95 |

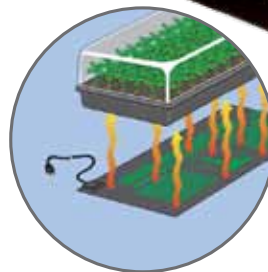
| | HOT HOUSE PLUS | HOT HOUSE |
|--|----------------|-----------|
| Item Code | CK64061 | CK64060 |
| INCLUDES: | | |
| UL listed waterproof heat mat, 17 W, 120 V | X | X |
| 7.5" Humidity Dome | X | X |
| 2" Humidity Dome | X | |
| 11" x 22" 81-cell watertight base tray | X | |
| 81 pellets | X | |
| 10" x 20" watertight base tray (CKTRAY) | | X |
| 72-cell pack insert (CK64002) | | X |
| Rooting additive | X | X |
| Instructions & growing tips | X | X |



Re-engineered for better performance and greater durability!

The new, stronger heating wire and thicker multi-layer construction offers more uniform heating and the durability to withstand rugged greenhouse environments.

- Increases success of seedlings and cuttings
- Warms root area 10–20°F over ambient temperature to improve germination
- Light, watering, and planting information on mat
- Waterproof construction
- Heat bonded, not glued – stays sealed to keep moisture out
- 6' power cord
- The original UL listed seedling heat mat
- 50% thicker construction



Jump-start seedlings & roots with controlled heat!



1 FLAT SIZE
MT10006 9" x 19.5" – 17 W



2 FLAT SIZE
MT10008 20" x 20.75" – 45 W



4 FLAT SIZE
MT10009 48" x 20.75" – 107 W



WINDOWSILL SIZE
MT10004 3" x 20" – UL Listed

Mini size is perfect for smaller spaces – start seedlings right on your windowsill! Bottom heat improves germination and rooting, providing uniform heat for seedlings and cuttings.



JUMP START SEEDLING HEAT MATS

| ITEM CODE | DESCRIPTION | SRP |
|-----------|---------------------------------------|---------|
| MT10004 | Windowsill Heat Mat, 3" x 20" ~ 7.3 W | \$19.95 |
| MT10006 | Seedling Heat Mat, 9" x 19.5" ~ 17 W | 24.95 |
| MT10008 | Seedling Heat Mat, 20" x 20" ~ 45 W | 46.95 |
| MT10009 | Seedling Heat Mat, 48" x 20" ~ 107 W | 79.95 |

JUMP START COMMERCIAL HEAT MATS

Bottom heat is one of the most important and effective ways to improve germination and rooting. Our new HEAVY-DUTY modular Commercial Heat Mats will provide uniform heat for hundreds of seedlings or cuttings.

- Supersized mats 60" x 21"
- Provides constant optimum temperatures for specific crops
- Rugged, durable, and waterproof, with waterproof connectors
- Daisy-chain up to 4 mats together
- Plug-in to our Digital Heat Mat Thermostat (below)



Mega size commercial heat mats

He looks warm & toasty but we recommend mats for use with trays only!



6 FLAT SIZE
• 21" x 60" Mat



Daisy-chain up to 4 mega mats

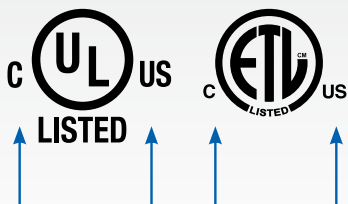


Control and regulate all 4 with one Temperature Controller!

| ITEM CODE | DESCRIPTION | SRP |
|-----------|-------------------------------------|----------|
| MTMDU | Commercial Heat Mat w/6' Power Cord | \$129.95 |
| MTMDA | Modular Add-On Heat Mat | 114.95 |

FYI

How to read a certification mark



If the mark includes a small C and/or US, it follows product safety standards of Canada and the United States, respectively.

The main part of the mark identifies the laboratory that tested and certified the product. This mark shows that UL was the certifying NRTL.

Now with digital display

JUMP START HEAT MAT THERMOSTAT

Our Jump Start electronic temperature controller for heat mats helps you provide constant optimum temperatures for specific crops.

- Controls temperature in colder or warmer environments
- Illuminated indicator light; 3-prong grounded plug
- Compatible with all heat mats; optimal for Hydrofarm Seedling Heat Mats
- 1-year warranty



| ITEM CODE | DESCRIPTION | SRP |
|-----------|--|---------|
| MTPRTC | Electronic Temperature Controller for Heat Mat | \$39.95 |

JUMP START®

ACCELAROOT® CUTTING TRAY & STARTER PLUGS

Start growing on a small scale, then watch your plants take root! The AccelaROOT Cutting Tray comes with plugs and tray, giving you up to 50 small "homes" for your seedlings and cuttings. AccelaROOT Starter Plugs are also available as a 50-cell insert – just find an appropriate sized tray to hold the insert and you are ready to grow.



JSARSOMT
50-cell insert –
use your own tray

JSAR50
Includes cutting
tray and media



Stronger roots for world-class yields!

- Unique drainage properties deters damping off
- Pre-moistened, pH balanced peat plugs offer optimal air-to-water ratio
- Prevents overwatering, develops stronger roots for world-class yields
- Micro-air pocket development encourages explosive dense feeder root production
- 20% faster stick time
- No rooting hormone needed
- Plugs transplant directly into your garden

ACCELAROOT® CUTTING TRAY & STARTER PLUGS

| ITEM CODE | DESCRIPTION | SRP EA |
|-----------|---|---------|
| JSAR50 | AccelaRoot Cutting Tray w/Starter Plugs & Insert | \$17.95 |
| JSARSOMT | AccelaRoot Starter Plugs w/50-cell Insert (no tray) | \$16.95 |

SMART FLOAT TRAY & GROW PLUGS

Hydrofarm's Smart Float comes complete with a 55-cell floating insert, heavy duty tray, and 55 earth-friendly plugs to get your plants off to a great start.



- Smart Float provides an ideal air-to-water ratio
- Perfect for starting seeds or cuttings
- Works great with Hydrofarm domes (sold separately) to create a mini-greenhouse



| ITEM CODE | DESCRIPTION | SRP |
|-----------|------------------|---------|
| JSEF55 | Smart Float Tray | \$26.95 |
| JSEF55R | Grow Plugs | 17.95 |

GROW PLUG

Made of naturally composted materials, it contains natural beneficial fungi and can be inoculated with other biological controls. It is an optimally aerated medium that naturally maintains the proper air/water ratio to promote healthy growth. Fits Rapid Rooter tray cells and Hydrofarm cut kit trays (CK64002 & CK64072)!



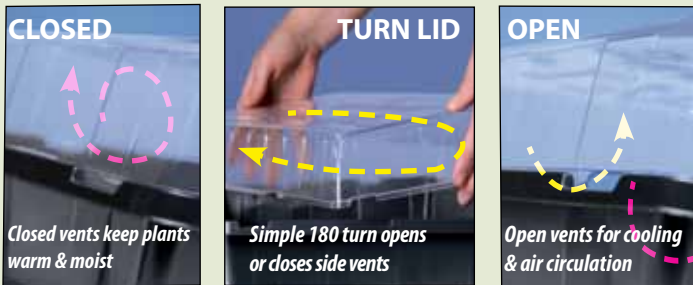
| ITEM CODE | DESCRIPTION | SRP |
|-----------|------------------------------|----------|
| GMIH15CS | Grow Plug 1.5"x1.5", 1500/pk | \$374.95 |



Start a vegetable or herb garden right on your windowsill!

EXCLUSIVE FEATURE

ADJUSTABLE VENTS FOR HUMIDITY CONTROL:



Closed vents keep plants warm & moist

Simple 180 turn opens or closes side vents

Open vents for cooling & air circulation



81 PELLET GREENHOUSE JS81GH



36 PACK PELLET GREENHOUSE JS36GH

12 PELLET WINDOWSILL GREENHOUSE (dome not vented) JS12GH

PELLET REFILLS in 81, 72 & 36 Count!

- Fast-expanding, earth-friendly biodegradable pellets
- Reusable vented dome maintains humidity and warmth
- Perfect for flowers, herbs, and vegetables
- Reusable waterproof tray



JUMP START 72 CELL GREENHOUSE JS72CG (pellets not included)

81, 36, OR 12 JUMP START PELLET GREENHOUSES

| ITEM CODE | DESCRIPTION | SRP |
|-----------|---------------------------------|--------|
| JS12GH | 12 Pellet Windowsill Greenhouse | \$2.95 |
| JS36GH | 36 Pellet Greenhouse | 6.95 |
| JS81GH | 81 Pellet Greenhouse | 11.95 |
| JS72CG | 72 Cell Greenhouse | 5.95 |
| JS36PR | 36 Pellet Refills | 4.95 |
| JS72PR | 72 Pellet Refills | 9.95 |
| JS81PR | 81 Pellet Refills | 9.95 |
| JSPEAT2 | Bulk Pellet Refills | 99.95 |



HYDROFARM TRAYS & INSERTS

Hydrofarm offers an array of trays from heavy duty to light and disposable for all your horticultural needs.

Grid pattern for better stability & drainage



CUT KIT TRAY

CKTRAYH & CKTRAY – Heavy duty & reusable. Available with holes (CKTRAYH) and without (CKTRAY). 20"x10"x2.5"



HEAVY DUTY CUT KIT TRAY

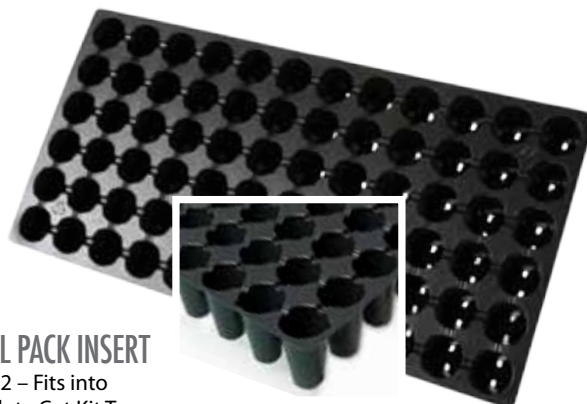


CKTRAYHD – Heavy duty & reusable. 21.3"x11"x2.8"



MESH BOTTOM TRAY

CKMESH2 – Ideal for watering & draining cuttings & young plants. 20"x10"x2"



72 CELL PACK INSERT

CK64002 – Fits into heavy duty Cut Kit Tray and all standard seed flats. 10"x20"x2.5"

Now thicker and stronger!



SQUARE CELL PACK

CK64072 – Reuseable. 22"x10.5"x2.5"



CUT KIT TRAY WITH MESH TRAY

CKMETRY – Heavy duty & reusable. Includes mesh tray. 10"x10"x2.5"

HYDROFARM TRAYS & INSERTS

| ITEM CODE | DESCRIPTION | SRP |
|-----------|-----------------------------|--------|
| CKTRAY | Cut Kit Tray | \$2.00 |
| CKTRAYHD | Heavy Duty Cut Kit Tray | 4.95 |
| CKTRAYH | Cut Kit Tray w/Holes | 1.50 |
| CKMESH2 | Mesh Bottom Tray | 1.95 |
| CK64002 | 72 Cell Pack Insert | 1.65 |
| CK64072 | 72 Square Cell Pack | 2.50 |
| CKMETRY | Cut Kit Tray with Mesh Tray | 3.56 |



HYDROFARM 7.5" AND 2" DOMES WITH 3-WAY VENTILATION

These domes fit directly onto the standard 10"x20" cut kit trays to create a humid and warm environment good for cuttings and seed germination. The 2" dome helps retain moisture and heat to improve seedling germination. Tall 7.5" dome gives extra height for your taller cuttings. Domes feature three adjustable vents – one on top and one on each end – for perfect humidity and temperature control.



CK64081

Three patented adjustable vents!



CK64001

Use with any standard 10"x20" cut kit tray

HYDROFARM DOMES

| ITEM CODE | DESCRIPTION | SRP |
|-----------|---------------------|--------|
| CK64081 | Hydrofarm 7.5" Dome | \$6.50 |
| CK64001 | Humidity 2" Dome | 2.50 |

DISPOSABLE HYDROPONIC SCALPELS

This sterile disposable scalpel is ideal for clean and accurate cuttings. Plastic handle is marked in cm increments to help ensure precise cutting. Each scalpel has its own safety sheath. Ten individually wrapped scalpels per box.



Individually wrapped



| ITEM CODE | DESCRIPTION | SRP |
|-----------|---------------------------|---------|
| HGSCALP | Disposable Scalpel, 10/pk | \$16.50 |

6" PLANT MARKERS

Write on them with a pencil, then erase and reuse. 50 markers per packet.



| ITEM CODE | DESCRIPTION | SRP |
|-----------|----------------------|--------|
| HGPM50 | Plant Markers, 50/pk | \$1.95 |



MONDI 7" MINI GREENHOUSE, PROPAGATION TRAY & THERMO-HYGROMETER

The **MINI GREENHOUSE** (MONDIG100) regulates air flow, with two adjustable vents that allow you to adjust temperature and humidity, guaranteeing better results for the garden. Heavy-duty 7" vertical design fits tightly onto standard 10 x 20" flats, reducing moisture loss, while giving more cubic volume for plants. Measures 7.5" H x 11" W x 21.25" L.

The **THERMO-HYGROMETER** (MONDIE170) mounts to the side of your mini greenhouse and reads temperature and humidity inside the dome. Ensures that plants get the start they need by providing growers with the essential real-time information necessary to produce large quantities of healthy plants. Suitable for a wide range of applications, such as room environment, food safety, and pet care. Displays current temperature and humidity as well as min/max temperature and humidity history. Measures 3.4"H x 1.4"W x 4.5"L.



MONDIG100 shown with Thermo-Hygrometer (sold separately)



MONDIG170



The **BLACK & WHITE PROPAGATION TRAY** (MONDIG170) is made from premium grade white plastic for cleanliness, durability, and increased light reflectivity. Reinforced outside shell made from recycled materials provides the strongest support to date, while the black base prevents light penetration to the root zone and reduces the chance of root disease. Fits all Mondi Mini Greenhouses.



MONDIE100

| ITEM CODE | DESCRIPTION | SRP |
|-----------|---|--------|
| MONDIG100 | Mondi 7" Mini Greenhouse | \$6.95 |
| MONDIG170 | Mondi Black & White Propagation Tray 1020 – No Holes | 4.95 |
| MONDIE100 | Mini Greenhouse Thermo-Hygrometer | 19.95 |



BOTANICARE COCOGRO CLONING PLUGS

Botanicare Cocogro Cloning Plugs are the first coco coir based plugs in the industry and offer an alternative to traditional peat and tree bark based rooting plugs.

These coco coir based plugs were developed specifically for cloning and provide a higher air holding capacity than traditional plugs.

- Will not easily become overly saturated or water logged
- Allow for quicker and more vigorous rooting performance
- Contain the ideal nutrient charge to promote explosive root development



| ITEM CODE | DESCRIPTION | SRP |
|------------|-------------------------------|---------|
| BCGSRP50KT | Cocogro Plug 50 Cell Tray Kit | \$24.50 |
| BCGSRP50PK | Cocogro Plug 50 Pk Refill | 18.25 |
| BCGSRP100 | Cocogro Plug 100 Pk Refill | 33.50 |
| BCGSRP500 | Cocogro Plug 500 Pk Refill | 149.95 |

RAPID ROOTER TRAY, PLUGS & MAT

A special matrix of composted organic material bound together by plant-derived polymers. Contains large populations of beneficial microbes which colonize young roots and help young plants resist disease while maximizing nutrient uptake. **RAPID ROOTER PLUGS** are fortified with General Hydroponic micronutrients and allows optimal air-to-water ratio. The **RAPID ROOTER MAT** has 98 natural plant starters with new "cross cut", for better contact around the stem.

GH3254



GH3254

GH3257

| ITEM CODE | DESCRIPTION | SRP |
|-----------|--|---------|
| GH3254 | Rapid Rooter Tray - 50 cell tray & plugs | \$23.70 |
| GH3253 | Rapid Rooter Replacement plugs, 50/bag | 16.70 |
| GH3257 | Rapid Rooter Mat | \$21.00 |

ROOT RIOT

These organic plant starter cubes for cuttings and seeds for soil or hydroponics are made from organic material and are fully biodegradable. They will give you faster, more vigorous rooting. Perfect air/water capacity, and transfer easily into soil or any other medium. Tray includes a free Clonex Gel 15 ml packet.



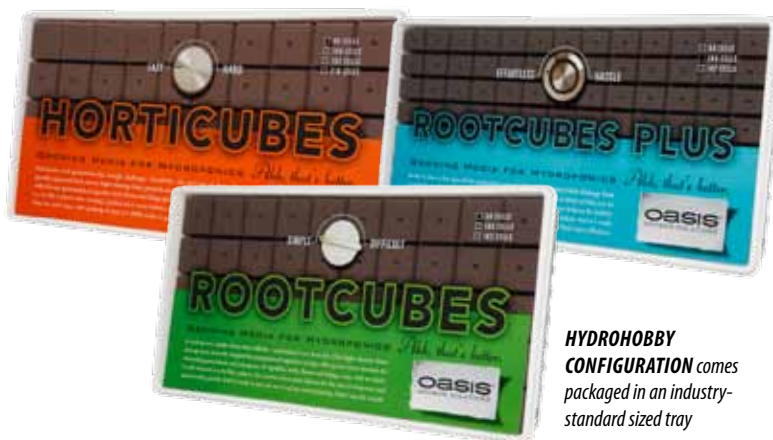
| ITEM CODE | DESCRIPTION | SRP |
|-------------|--------------------------------------|---------|
| HDRTRTRY | Root Riot 50 Cube Tray w/ Clonex Gel | \$29.95 |
| HDRTRTBAG | Root Riot 100 Cubes | 29.95 |
| HDRTRTBAG50 | Root Riot 50 Cubes | 17.95 |

HORTICUBES, ROOTCUBES & ROOTCUBES PLUS

This low density, high drainage foam was specifically developed for hydroponic seed germination and vegetative propagation of vegetables, herbs, flowers, and foliage crops. Just saturate cubes with water, drop cuttings or seeds in the pre-punched holes, keep them moist, and wait for rooting. When plants are of transplant size, simply cut the individual cubes and transplant.

ROOTCUBES – Higher density, lower drainage foam is primarily designed for cuttings but works equally well with seeds. Rootcubes encourage fast root development and optimal callus growth. Its finer celled design offers greater contact with the cutting's end, for easier and more rapid water uptake. Its higher strength means your cuttings will hold firm. Rootcube sheets fit conveniently in a standard 1020 plastic tray. Media contains starter nutrients.

ROOTCUBES PLUS – A new formulation of foam this year – this was exclusively developed for slow-to-root varieties. It can also shave a few days off rooting time, giving you healthy, robust plants sooner than before. Less drainage than original ROOTCUBES make this media ideal for slow-rooting cuttings. Rapid easy, water uptake with just the right starter nutrients.



HYDROHOBBY CONFIGURATION comes packaged in an industry-standard sized tray

HORTICUBES – This medium is all about seed germination. Simplified. Specially engineered, this lower density, higher drainage foam has a unique cell structure a lot like a plant's own, making it perfect for seed germination. Its higher drainage design helps maintain an ideal air/water balance, even under heavy watering conditions. Better drainage also keeps the top of the media drier, minimizing algae growth. Another plus for lower density foam: fragile embryonic roots meet less resistance from the media – allowing for easier and faster growth. HortiCubes can also be used for vegetative production.



RETAIL PACK CONFIGURATION is perfect for hobby growers who do not need full case quantities. Two sheets per box.

| ITEM CODE | DESCRIPTION | SRP |
|-------------|---|----------|
| GMS052451HP | Horticulture, HydroHobby – 1.5" (50 cells) w/tray | \$19.95 |
| GMS052401HP | Horticulture, HydroHobby – 1.25" (104 cells) w/tray | 19.95 |
| GMS050151RP | Rootcubes, HydroHobby – 1.5" (50 cells) w/tray | \$19.95 |
| GMS050101RP | Rootcubes, HydroHobby – 1.25" (104 cells) w/tray | 19.95 |
| GMS05015 | Oasis Rootcubes – 1.5" (50 cells) | \$154.95 |
| GMS05010 | Oasis Rootcubes – 1.25" (104 cells) | 154.95 |
| GMS05005RP | Oasis Rootcubes – 1" Retail Pack (2 sheets/box) | \$120.95 |
| GMS05010RP | Oasis Rootcubes – 1.25" Retail Pack (2 sheets/box) | 113.95 |
| GMS05015RP | Oasis Rootcubes – 1.5" Retail Pack (2 sheets/box) | 108.95 |
| GMS055500RP | Rootcubes Plus, HydroHobby – 1.5" (50 cells) w/tray | \$19.95 |
| GMS055104RP | Rootcubes Plus, HydroHobby – 1.25" (104 cells) w/tray | 19.95 |

SEED STARTING & CLONING



RAPID START

A powerful blend of premium plant extracts, amino acids, and nutrients for explosive root growth, prolific root branching and development of fine root hairs that increase nutrient uptake for healthier, whiter roots. Use during the entire growing cycle in all types of media, including coco.



| ITEM CODE | DESCRIPTION | SRP |
|-----------|--------------------------------------|---------|
| GH1700 | Rapid Start Rooting Enhancer, 125 ml | \$26.49 |
| GH1701 | Rapid Start Rooting Enhancer, 275 ml | 39.99 |
| GH1702 | Rapid Start Rooting Enhancer, 500 ml | 74.36 |
| GH1703 | Rapid Start Rooting Enhancer, 1 L | 143.30 |



POWER CLONE 0.2-0.3-0.2

For rapid robust roots. Made for serious gardeners who prefer to use cuttings for propagating their favorite plants.



| ITEM CODE | DESCRIPTION | SRP |
|-------------|------------------------|----------|
| BCPRPSSOL4 | Power Clone Sol., 4 oz | \$22.95 |
| BCPRPSSOL8 | Power Clone Sol., 8 oz | 34.95 |
| BCPRPSSOLPT | Power Clone Sol., 1 pt | 58.95 |
| BCPRPSSOLQT | Power Clone Sol., 1 qt | 107.95 |
| BCPRPSGEL2 | Power Clone Gel, 2 oz | \$ 15.50 |
| BCPRPSGEL4 | Power Clone Gel, 4 oz | 23.50 |
| BCPRPSGEL8 | Power Clone Gel, 8 oz | 40.25 |

DIP 'N GROW

Liquid concentrate, easily diluted with water. Proven formula that contains both rooting auxins recognized as root inducing (IBA and NAA)-all from one bottle. Allows the rooting hormones to be absorbed into the cutting stem more evenly and easily, increasing rooting success over the leading powders.



| ITEM CODE | DESCRIPTION | SRP |
|-----------|-------------------|---------|
| DG00201 | Dip'n Grow, 2 oz | \$10.95 |
| DG01601 | Dip'n Grow, 16 oz | 54.95 |
| DG12804 | Dip'n Grow, 1 gal | 1120.12 |

EPA Reg #64388-1



APS CLONE FOOD

Make growing cuttings an easy, successful, and enjoyable experience. Ready to use cube and slab soak, perfectly preparing rockwool to successfully accept newly taken cuttings. A unique 2-in-1 product: a rockwool soak and a foliar spray.



| ITEM CODE | DESCRIPTION | SRP |
|-----------|---------------------|---------|
| DM3821 | APS Clone Food, 5 L | \$22.95 |



ROOT-GEL

A unique patented hormone gel formulated for the propagation of cuttings, containing IBA and NAA in a water soluble form, plus just the right amount of essential minerals.



| ITEM CODE | DESCRIPTION | SRP |
|-----------|-------------------------|---------|
| DYRTG002 | Dyna-Gro Root Gel, 2 oz | \$12.50 |
| DYRTG004 | Dyna-Gro Root Gel, 4 oz | 23.00 |
| DYRTG008 | Dyna-Gro Root Gel, 8 oz | 43.00 |

K-L-N CONCENTRATE

Contains rooting hormones IBA and NAA. Promotes root growth in trees, foliage, and flowering plants. For propagating cuttings, air layering, and transplanting drench for bare-root stock, and newly potted plants. Use as a drench, dip, or mist.



| ITEM CODE | DESCRIPTION | SRP |
|-----------|---------------------|---------|
| DYKLN008 | Dyna-Gro KLN, 8 oz | \$10.50 |
| DYKLN032 | Dyna-Gro KLN, 32 oz | 31.00 |
| DYKLN100 | Dyna-Gro KLN, 1 gal | 103.00 |

BIOROOT

A natural root growth supplement that helps plants establish healthy and vibrant root systems. It contains vitamins, enzymes, organic, and humic acids that stimulate root growth. Helps seedlings and cuttings develop strong and massive root systems. Maintains health for mature plants by improved nutrient uptake. Use with any growing media.



| ITEM CODE | DESCRIPTION | SRP |
|-----------|----------------|---------|
| GH5322 | BioRoot, 1 qt | \$16.95 |
| GH5323 | BioRoot, 1 gal | 52.70 |



EZ CLONE ROOTING COMPOUND

This concentrated formulation of 3-IndoleButyric Acid and vitamin B-1 enhances root development in soft and hardwood cuttings. Use a sharp, sterile utensil to cut starts and immediately dip the fresh cutting in 1/2" to 1" of EZ-Clone Rooting Compound for best results.



| ITEM CODE | DESCRIPTION | SRP |
|-----------|-------------------------|--------|
| EZGEL5 | Rooting Compound, .5 oz | \$4.15 |
| EZGEL-1 | Rooting Compound, 1 oz | 6.95 |
| EZGEL-2 | Rooting Compound, 2 oz | 12.25 |
| EZGEL-4 | Rooting Compound, 4 oz | 24.95 |
| EZGEL-8 | Rooting Compound, 8 oz | 39.95 |

HORMEX ROOTING POWDER



Exclusively used for rooting of cuttings (cloning, asexual reproduction) and air layering of plants for reproduction.

Hormex Rooting Powder #1: African Violet, Cottonwood, Poplar, Azalea Pink Pearl, Dogwood, Mock Orange, Azalea Snow, Begonia, Bougainvillea, Carnation, Chrysanthemum, Coleus, Euonymus, Fuchsia, Geranium, Hydrangea, Jasmine, Mock Orange, Philodendron, Poinsettia, Raspberry, Rose, Sage, Verbena, Willow.

Hormex Rooting Powder #3: Boxwood, Holly, Arbor-vitae, Azalea Dauricum, Ice Plant, Azalea Mollis, Blueberry, Daphne, Elder, Ivy, Rose, Pyracantha, Juniperus Chinensis Pfitzeriana, Juniperus Sabina Fastigiata, Sequoia Gigantea.

| ITEM CODE | DESCRIPTION | SRP |
|-----------|--------------------------|---------|
| HCRP0101 | Hormex Rooting Powder #1 | \$36.03 |
| HCRP0103 | Hormex Rooting Powder #3 | 53.73 |



HUMBOLDT ROOTS

Humboldt Roots is a highly concentrated organic root stimulant that expands the root zone during the critical growth stage, resulting in larger yields.

| ITEM CODE | DESCRIPTION | SRP |
|-----------|-------------------------|---------|
| HNHR401 | Humboldt Roots, 50 ml | \$22.88 |
| HNHR400 | Humboldt Roots, 125 ml | 43.68 |
| HNHR410 | Humboldt Roots, 250 ml | 72.80 |
| HNHR415 | Humboldt Roots, 500 ml | 119.60 |
| HNHR420 | Humboldt Roots, 1/2 gal | 401.44 |
| HNHR425 | Humboldt Roots, 1 gal | 728.00 |



HYDRODYNAMICS INTERNATIONAL

CLONEX MIST ROOTING STIMULATOR

Clonex Rooting Mist is a root stimulator, developed as a fine mist for cuttings and seedlings. It comes ready to use, packaged in a spray bottle. Includes POP box for easy display!

| ITEM CODE | DESCRIPTION | SRP |
|-------------|---------------------|---------|
| HDCLMIST100 | Clonex Mist, 100 ml | \$10.95 |



CLONEX ROOTING GEL

A high performance rooting compound that remains in contact with the stem, sealing the cut tissue and supplying the hormones needed to promote root cell development and vitamins to protect the delicate new root tissue. Full spectrum of mineral nutrients and trace elements to nourish the young roots.

| ITEM CODE | DESCRIPTION | SRP |
|------------|----------------------------|---------|
| HDCL0100ML | Clonex Rooting Gel, 100 ml | \$23.95 |
| HDCL0250ML | Clonex Rooting Gel, 250 ml | 49.95 |



HYDRODYNAMICS INTERNATIONAL

CLONEX CLONE KIT

This all-inclusive cloning kit is great for beginners and experienced gardeners alike. Contains one each of the following, all packaged into one convenient box: Clonex Rooting Compound packet (15 ml), Clonex Clone Solution (8 oz.), Clonex Mist, Clonex shot glass, cloning tray, and instructions.



| ITEM CODE | DESCRIPTION | SRP |
|------------|------------------|---------|
| HDCLONEKIT | Clonex Clone Kit | \$29.95 |

CLONEX ROOTING COMPOUND PACKETS

The foremost product in its field since its launch in 1989. Promotes root production by supplying essential hormones. May be used on both softwood and hardwood cuttings. Available in new 15ml/.5 fl oz. single use packets that will treat approximately 50 cuttings, 18 packets per box.



| ITEM CODE | DESCRIPTION | SRP |
|-----------|-----------------------------|----------|
| HDCL0PK | Clonex Packets (sold 18/bx) | \$108.00 |

CLONEX CLONE SOLUTION 1-0-4-1

A clone-specific nutrient formulated using a special blend of minerals, vitamins, wetting agents, and root promoters. Used with Clonex Gel, it encourages rapid root development while helping to minimize stress.



| ITEM CODE | DESCRIPTION | SRP |
|-----------|--------------------------------|---------|
| HDCCSQT | Clonex Clone Solution, 1 qt | \$25.00 |
| HDCCSGAL | Clonex Clone Solution, 1 gal | 70.00 |
| HDCCS25 | Clonex Clone Solution, 2.5 gal | 160.00 |
| HDCCSSGAL | Clonex Clone Solution, 5 gal | 300.00 |

GREENFUSE ROOT STIMULATOR

Encourages explosive root production and inhibits a wide range of plant diseases. Formulated for use with rockwool, sand, perlite, and soil. Beneficial at all stages of the propagation process. Unique aluminum bottle is vacuum sealed to assure potency and comes with a plastic dropper for accurate mixing. Blended from pure plant extracts, it is 100% organic, highly soluble, and leaves no toxic residues. The 120ml bottle treats over 450 gallons of water or nutrient solution, while the 60ml bottle treats over 225 gallons.



| ITEM CODE | DESCRIPTION | SRP |
|--------------|-----------------------------------|---------|
| HDGFRTCON60 | Greenfuse Root Stimulator, 60 ml | \$50.00 |
| HDGFRTCON120 | Greenfuse Root Stimulator, 120 ml | 80.00 |

SEED STARTING & CLONING



EARTH JUICE ROOTSTOCK ROOTING SOLUTION & GEL 0.02-0-0.10

Natural cutting formulas for use with soft-stem cuttings. Available as a liquid concentrate or dipping gel. Use to clone your favorite plants.



| ITEM CODE | DESCRIPTION | SRP |
|-----------|---------------------------|---------|
| HOR01101 | Rootstock Liquid, 1 pt | \$9.97 |
| HOR01201 | Rootstock Liquid, 1 qt | 14.39 |
| HOR01501 | Rootstock Liquid, 1 gal | 35.92 |
| HOR01305 | Rootstock Liquid, 2.5 gal | 78.46 |
| HOR02101 | Rootstock Gel, 1.5 oz | \$11.85 |
| HOR02015 | Rootstock Gel, 8 oz | 45.62 |

OLIVIA'S SOLUTIONS INC.

CLONING SOLUTION & GEL

Stimulates rapid root development and feeds new cuttings as they root with a 90%–100% success rate. Eliminates transplant shock and promotes superior start and growth. Use indoors or out, with hydroponics and soil. Safe and easy to use.



OLIVIA'S CLONING STARTER KIT™

Everything you need to begin cloning your favorite plant! Contains one 16oz. bottle of Olivia's Cloning Solution concentrate (makes 4 gallons), one 2oz/60ml bottle of Olivia's Cloning Gel, and one tri-fold pamphlet with complete instructions, tips and drawings.



| ITEM CODE | DESCRIPTION | SRP |
|-----------|----------------------------------|---------|
| OCS1 | Olivia's Cloning Solution, 1 qt | \$12.95 |
| OCS4 | Olivia's Cloning Solution, 1 gal | 36.95 |
| OCG1 | Olivia's Cloning Gel, 2 oz | \$14.95 |
| OCG4 | Olivia's Cloning Gel, 4 oz | 21.95 |
| OCG8 | Olivia's Cloning Gel, 8 oz | 36.95 |
| OCSK3 | Olivia's Cloning Starter Kit | \$25.95 |

ROCK SUPERCHARGE ROOT TONIC

Rock SuperCharge incorporates years of research into keeping roots healthy and strong. It will help develop a thick, white root mass, helping overcome several root problems that growers may face. Rock SuperCharge can be used to help improve average yields, as well as growers who struggle to get the most out of their growth cycles. Use in all your hydroponics and soil growing methods throughout the entire growth cycle and bloom cycle.



| ITEM CODE | DESCRIPTION | SRP |
|-----------|-----------------------------------|---------|
| GGR51L | Rock SuperCharge Root Tonic, 1 L | \$69.99 |
| GGR55L | Rock SuperCharge Root Tonic, 5 L | 269.99 |
| GGR520L | Rock SuperCharge Root Tonic, 20 L | 799.99 |

ROOT 66 1-1-1

Organic based and comprised of seaweed extracts, trace elements, and polysaccharides for explosive root development and overall plant success. Improves the establishment of seedlings and cuttings by stimulating adventitious root development.



| ITEM CODE | DESCRIPTION | SRP |
|-------------|-----------------|---------|
| TFROOT66250 | Root 66, 250 ml | \$28.74 |
| TFROOT661L | Root 66, 1 L | 97.73 |

ROOTECH CLONING GEL

Highly concentrated gel is evenly dispersed, protecting developing rootlets and plant tissues. Ideal for propagation of hard-to-root plants. Dilute with water for use on cuttings that will form roots more easily. Easy to use gel; avoid risks of inhaling dusty powders.



| ITEM CODE | DESCRIPTION | SRP |
|-----------|--------------------|--------|
| TFRTG7G | Rootech Gel, 7 g | \$3.62 |
| TFRTG56G | Rootech Gel, 2 oz | 20.68 |
| TFRTG112G | Rootech Gel, 4 oz | 34.49 |
| TFRTG224G | Rootech Gel, 8 oz | 56.92 |
| TFRTG280Z | Rootech Gel, 28 oz | 196.37 |
| TFRTG4L | Rootech Gel, 4 L | 559.93 |

ROOTBASTIC

Looking for a versatile nutrient booster that will create explosive root production with unprecedented speed? One that makes them stronger and healthier and is ideal for after planting stem cuttings when the first roots are visible? Then Rootbastic is for you! This combination of high NPK bio stimulants and bio minerals is super concentrated, creates explosive root production, and increases resistance to environmental stress.



| ITEM CODE | DESCRIPTION | SRP |
|-------------|-------------------------------------|---------|
| TNRB80ML | Rootbastic, 80 ml | \$43.42 |
| TNRB250ML | Rootbastic, 250 ml | 82.84 |
| TNRB500ML | Rootbastic, 500 ml | 159.95 |
| TNRB80MLCA | Rootbastic, 80 ml – CA, OR, TX, WA | \$43.42 |
| TNRB250MLCA | Rootbastic, 250 ml – CA, OR, TX, WA | 82.84 |
| TNRB500MLCA | Rootbastic, 500 ml – CA, OR, TX, WA | 159.95 |



AZOS NITROGEN FIXING MICROBES

Azos is a beneficial microbe that forms a symbiotic relationship with your plant, converting atmospheric nitrogen into a useable form that your plants can uptake. Azos promotes growth, while boosting natural root development.



| ITEM CODE | DESCRIPTION | SRP |
|-----------|--------------------------------------|---------|
| RT1350 | Azos Nitrogen Fixing Microbes, 6 oz | \$29.95 |
| RT1351 | Azos Nitrogen Fixing Microbes, 12 oz | 49.95 |
| RT1352 | Azos Nitrogen Fixing Microbes, 8 lb | 349.95 |

CLONEX®

EPA Registered



CLONEX® Rooting Gel | CLONEX® Clone Solution | CLONEX® Mist | CLONEX® Clone Kit

CLONEX® MIST

SPRAY IT ON THE LEAVES OF MOTHER PLANTS* AND CLONES!

Ready to Use

Generates Quicker, More Vigorous and Healthy Clones

Non-Toxic

Root Stimulator for Clones

Contains No Synthetic Hormones

Combination of Minerals, Amino Acids, and Natural Additives



Four Easy Steps:



1 Spray mother/donor plant a few days before taking cuttings



2 Make a sharp diagonal cut below a leaf node



3 Dip cutting into Clonex Rooting Compound then straight into cube



4 Spray with Clonex Mist before placing into propagator



Seed starting made easy



See pages 123 – 127 for details.