

# The Greenhouse Catalog

Your year-round gardening source

2010

Free Gift!  
With Greenhouse  
Purchase  
See page 2



**NEW! Greenhouse System**

**Innovative  
greenhouse system  
makes it easy to grow  
healthy veggies  
all year long!**

See page 8

**Extend the Season!**

Seedling Supplies p. 5

Cold Frames p. 20

Grow Lights p. 30

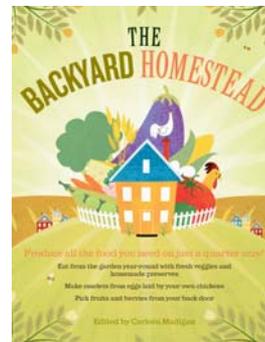
# Extend your harvest through the



Plants grown under LED are a vibrant green

## NEW! Produce all the food you need on just a quarter acre!

Put your backyard to work! Enjoy fresh, organic, better tasting food all the time. Grow the vegetables and fruits your family loves; keep bees; raise chickens, goats, or even a cow. The Backyard Homestead shows you how it's done. And when the harvest is in, you'll learn how to cook, preserve, cure, brew, or pickle the fruits of your labor. From a quarter of an acre, you can harvest 1,400 eggs, 50 pounds of wheat, 60 pounds of fruit, 2,000 pounds of vegetables, 280 pounds of pork, and 75 pounds of nuts. 368 pages.



**HB-26 The Backyard Homestead \$18.95**

## Fast results, low energy!

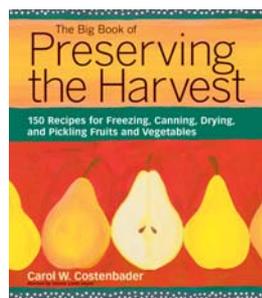
No more bulb replacements or skyrocketing energy bills!

Representing the future of plant lighting, the GlowPanel 45™ uses the latest in LED technology to provide your plants with the perfect blend of light for all stages of plant growth: from seed to flower to fruit. The energy-saving GlowPanel 45™ uses only 28 watts of power and surpasses the output of a 250 watt HPS for vigorous growth and high yields. Five square feet of coverage. 12.25" sq. x 1.2" h.

- Significant reduction in energy use – *lower energy bills*
- No need for additional cooling or fans
- Safe to operate – no risk of exploding bulbs or burns
- 50,000 hour life cycle
- Environmentally friendly

**HL-10 GlowPanel 45 \$139.95**

[More Grow Lights, page 30](#)



## Preserve your bumper crop, enjoy it all year!

Learn how to preserve your fruits and vegetables in batches with these proven drying, freezing, canning, and pickling techniques. Even the busiest cook can create a well-stocked pantry of fruits, vegetables, flavored vinegars, pickles, chutneys, and seasonings with more than 150 step-by-step recipes. 352 pages.

**HB-14 Preserving the Harvest \$18.95**

**Free Gift!**

Get a free **Hot House Plus** and a pack of **heirloom seeds** when you purchase a greenhouse valued at \$1000 or more!

Not valid with previous purchase or other special offers. While supplies last.



## Dear Gardening Enthusiast,

Thank you for choosing The Greenhouse Catalog! Whether you are growing food to cut costs, ensure food quality and safety or you just like to putter in your garden, The Greenhouse Catalog offers the highest quality products to make gardening easy and more accessible to you.

This catalog is chalk full of innovative products. Our new, all-inclusive **Grow4it Greenhouse** food growing system makes greenhouse gardening simple and efficient for even the novice gardener, page 8. Also, you don't want to miss the **Weather Transmission Station**, page 25, which lets you oversee your greenhouse temperature via the internet – you can even get text message alerts on your phone!

Let us know if you have any questions. Our expert staff actively grows plants in the greenhouses we sell, so you can get first hand advice on our products. We are happy to help you find the best value for your money.

Sincerely,

*Bev Perry Mike Perry*

Bev & Mike Perry, Owners of The Greenhouse Catalog



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**Many more products available online!**

To order call **1-800-825-1925** or go to [www.GreenhouseCatalog.com](http://www.GreenhouseCatalog.com)

**90-DAY Money Back Guarantee!**  
see page, 18

year

*"Plants don't burn and they grow very well anywhere in the greenhouse. The Solexx™ panels give you a sense of coziness. It's like being in a different world when inside the greenhouse!"*

-Raymond B.,  
Bay Village, OH



The Early Bloomer is perfect for over-wintering all your potted plants. There is 64 sq ft of floor space plus room above for hanging baskets.

## The best light and insulation of any starter greenhouse!

### Early Bloomer Greenhouse

Our **Early Bloomer Greenhouse** is the most functional and **affordable starter greenhouse** for anyone from beginner to master gardener. This great all-around greenhouse is **ideal for tall plants or small trees** — the 6'3" height gives you plenty of room to grow. The extra-strong composite base and framing make it **sturdy enough to withstand strong winds**. Plants stay healthy with plenty of air circulation from the large 19" x 30" vent.

This lightweight greenhouse is **portable**, enabling you to **set it right over your garden** to get an early start on planting seeds and an extended harvest in the fall. Two easy-access hanging rods, placed at a convenient height, run the entire length of the greenhouse to over-winter your favorite hanging plants. Best of all, it's covered with *Solexx™* panels, (see pgs 6 and 16) making it the most insulated starter greenhouse on the market! *Solexx™* holds the heat in while bathing everything inside in bright, even light.

### Early Bloomer Accessory Package

#### Early Bloomer Accessory Package

##### Includes:

- Deluxe Tie Down Kit
- Universal Solar Opener
- 4 Base Vents
- 8' x 10' Black Shade Cloth
- 10' x 10' Flooring

**Free Delivery** - when shipped with your Early Bloomer greenhouse!

To lower 48 states only, see pg 18.

#### Early Bloomer Includes:

- Slip-on fittings for easy assembly
- Extra-strong composite frame
- Twin-wall 3.5mm *Solexx™* XP panels
- Large 19" x 30" vent
- 2 full-length hanging rods
- 8-year warranty
- **Free Delivery** (to lower 48 states, see pg 18)

G-108 Early Bloomer Greenhouse, 8'W x 8'L x 6'3"H \$1108

G-108-DE Early Bloomer Accessory Package \$199.50



## Quick and easy cloning for hardwood stems!

Air-layering propagation has long been used by skilled gardeners. Now **Rooter-Pot** makes it easier for home gardeners to achieve the same results! In just a few weeks, you can have big, new specimen plants for free!



**Staff Pick**



Rooter-Pots clamp around vertical stems from 1/4" up to 1" thick. Make a shallow cut around the stem, peel back the bark, and apply some rooting hormone (sold separately). Fill the pot's water reservoirs and close the hinged halves around the stem. Then pack the pot with moistened peat moss, potting mix or coco fiber. Latch the lid into place. Now you have the perfect conditions for new roots to form! Use again and again.

**HS-152 Standard Rooter-Pots, set of 4 \$13.95**  
4"H x 3.75"W top. Use on 1/4" up to 1/2" diameter stems.

**HS-153 Large Rooter-Pots, set of 2 \$13.95**  
6.25"H x 5"W top. Use on 1/2" up to 1" diameter stems.



## Watch your cuttings grow roots!

Start cuttings the fun and easy way! Transparent rooting gel lets you watch the progress of the root system as it develops. Contains all the nutrients, moisture, and hormones you need for strong, healthy rooted softwood cuttings. In only a few weeks, the cuttings are ready to transplant into potting soil. Generate up to three cuttings in each 2" x 2" cell. Sterile, insect free, non-toxic and completely safe. Not suitable for most acid loving plants. **Gel Propagator Pack** includes 6-pack gel, tray and dome. Use **Gel Dispenser** (right) to turn any pot into a rooting chamber.

**HS-154 Gel Propagator Pack \$17.95**  
**HS-142 Gel Refill, 6-pack \$10.95**  
**HS-155 Gel Dispenser, 1 qt. \$12.95**



Reuse any plastic pot. Just fill with rooting gel using our **Gel Dispenser**.

## Root cuttings in less than a week!

Cloners offer an easy and affordable way to root your favorite plants. Just take a cutting from your garden or friend's yard and make an exact duplication in a matter of days! Simply dip any fruit, flower, herb, shrub, or tree cutting into a root stimulator, operate the machine for 24 hour periods until roots appear (3 to 10 days, up to 30 days for trees), then transplant into your desired substrate. Works on an aeroponic mist application to ensure an optimal atmosphere for rooting and aeration.



**Clone your own plants and save money!**

## Power Cloner Machine

Includes everything you need to clone 45 plants at a time! High-pressure submersible pump with 2 year manufacturer's warranty, large capacity 10 gallon reservoir, clear Humidome™, 45-site cloning tray, air pump with air diffusers, Power Clone Rooting Solution™ and Hydroguard fungicide. 23.75"L x 15.5"W x 14.25"H without dome, 17.5"H with dome.

**HS-138 Power Cloner \$389.95**



## Cloner-25

An economical way to clone 25 plants at a time. Works on the same aeroponic principal as the Power Cloner in a compact unit. With this newly redesigned cloner, neoprene inserts are installed directly into the lid, eliminating the need for net pots. Includes reservoir, high output submersible pump, Power Clone Solution rooting hormone and Hydroguard fungicide. 12.75" sq x 11.75"H.

**HS-145 Cloner 25 \$219.95**

## Daisy Cloner

A small version of the Power Cloner, these economical Daisy Cloners root 8 cuttings at a time in a matter of days. They come with a pump, net pots and root guards. Add Clonex Rooting Compound and Clonex Clone Solution (sold separately) to complete your system. 8"high x 10" diameter.

**HS-136 Daisy Cloner \$89.95**



**Staff Pick**

## Speed Up Root Development with Clonex

This thick gel root compound clings to the stem of softwood or hardwood cuttings, sealing the cut tissue and supplying hormones to promote root cell development and vitamins for new root tissue. The full spectrum of primary nutrients and trace elements nourish young roots, while anti-microbial agents protect against fungal contamination. Dip your cutting into **Clonex Rooting Compound** and add **Clonex Clone Solution** to your cloning reservoir to encourage rapid root development and minimize stress.



**HS-140 Clonex Rooting Compound (100ml) \$24.95**  
**HS-141 Clonex Clone Solution (1 quart) \$24.95**

# starting and propagation!



## Eliminate plastic pots! Start seeds in biodegradable coir pellets!

Start your seeds off right in the perfect soilless growing media for seed starting. Good for the environment — unlike peat, coir is a natural, renewable resource. Once the seedling matures, plant the coir plugs directly in the ground and avoid transplant shock. All-purpose kits include 50 dried and compressed pellets in a secure fine mesh, 11" x 21" tray and humidity dome (to hold in heat and moisture).

**HS-36 Coir Seed Starting Kit \$14.95**

## Hot House with Heat Mat

Everything you need for quick, successful germination! Our OMRI-certified pre-sized drop-in plugs provide for quick, easy starts—without the fuss and mess of dealing with dirt. Includes UL listed waterproof 9" x 19.5" heat mat, 6" humidity dome, 11" x 22" watertight base tray, 72-cell seedling inserts, instructions with growing tips, and 72 seed starting Coco Plugs.

**HS-35 Hot House Plus \$54.95**



**Seedling Heat Mats, page 36**



## The perfect size for seed starts

Conveniently start several seeds at once in a small space. The 72-cell seed inserts keep each seedling contained in its own cell for maximum root development. Each 72-cell insert is broken down into smaller units, as shown, to reduce shipping costs. 1 1/2" x 2" deep cells.

**HS-42 72-cell Seed Starting Inserts (6) \$7.95**



## All-inclusive seed starting kit!

Start your seedlings or cuttings with ease at a fantastic value! Everything you need is included in one package. Includes 4 - 1020 potting trays, 72-cell seed starting

insert, 72 - 3.5" pots, 50 labels, humidity dome, and one CocoLite™ Brick to germinate your seeds.

**HS-40 Seedling Grow Kit \$32.95**

## Easily transport your pots and seedlings



Convenient and supportive flats for easy plant transport and storage. Tray holds eighteen 3.5" pots or one 72-cell seed starting insert. Strong plastic with bottom drainage helps guard against root rot. Set of 8 trays. 21.25" x 11" x 2.25".

**HS-41 1020 Tray with holes (8) \$14.95**

**HS-46 1020 Tray no holes (8) \$14.95**

## Heavy-duty, reusable pots

These tough 3.5" square pots are extra deep (4") to allow excellent root development. Large bottom holes ensure proper drainage for healthy roots. Easy to clean and durable, so you can use them again and again. Set of 36 pots — enough to fill two potting trays.

**HS-43 3.5" Pots (36) \$10.50**



## NEW! Skip transplanting with the only OMRI biodegradable pot!

100% organic and 100% biodegradable! The world's only OMRI-listed biodegradable pots. DOT Pots are made from 80% all natural wood spruce fibers (from sustainable sources) and 20% peat moss. Plant roots are allowed to grow right through the pot creating a healthy unbound root system. Just drop them in the ground — there is no transplant shock or plastic to throw away. Includes 22 pots, 3 1/8" top dia. x 3 1/8" tall.

**HS-108 Dot Pots (22 pots) \$5.95**

Biodegradable Cow Pots available online

## Easily start and transplant cuttings

Start 50 cuttings or seeds for soil or hydroponic starts in this all-inclusive system. Root growth is accelerated for a healthy and robust start to your new plants, without transplant shock! Perfect air/water capacity for healthy roots. Includes: 50 organic cubes, 15ml Clonex rooting hormone, and reusable carrying tray.

**HS-38 Root Riot \$22.95**



# Solexx™ Greenhouses!

## The cutting edge of greenhouse design!



Solexx™ Greenhouses are unlike any other greenhouse on the market. They're designed for people, plants, and the weather—everything you want from a greenhouse!

### Designed with the gardener in mind.

- **Enormous usable growing area** with our full-length sturdy benches and hanging rods. 8' x 8' greenhouses have nearly 76 sq. ft. of bench space to hold thousands of plants!
- **Wide aisles for easy access.** 32" aisles accommodate a wide cart or wheelbarrow and make growing comfortable for you.
- **Easily move your greenhouse to the best light.** Lightweight and portable, so you can relocate your greenhouse as needed.
- **The best insulation of any greenhouse.** Solexx™ Greenhouses are less expensive to heat. See how Solexx™ insulation compares to other greenhouse coverings on page 10.

### Designed by a plant scientist to grow thriving plants.

- **No other greenhouse offers the light diffusion of Solexx**
- **Supplies more light to plants and eliminates shadows.** Unlike direct light, diffused light from Solexx™ panels bends around corners to reach all the plant surface area — not just the plant canopy. Plants have more light for photosynthesis.
- **Reduces plant stress.** The insulated panels maintain even temperatures and eliminate burning so plants stay healthy.
- **White insulated framing helps hold in the heat,** unlike metal frames that transfer unwanted cold inside your greenhouse.

### Designed to last, Solexx™ takes what nature dishes out.

- **Specialized composite frame designed for heavy loads.** Withstands even the heaviest snow. See our video at [www.greenhousecatalog.com/snow\\_video](http://www.greenhousecatalog.com/snow_video)
- **Impact resistant.** Panels hold up in hail and ice storms without tearing or puncturing.
- **Survives hurricane force winds.** Paneled on the outside of the frame to handle windstorms; panels cannot pop out of the framing so the wind can't get inside to do damage.
- **8-year warranty against UV damage.** UV protection throughout, not a coating that can scratch off.
- **Looks great for years.** No mold, mildew or discoloring with age. Does not show scratches. Virtually maintenance free.

# Abundant room for



The 12 ft. Gardener's Oasis has a double-tiered bench frame along the back, in addition to the double-tiered side bench frames and hanging rods that are standard in all sizes of the Oasis model.



Shown with optional wire racks



Nearly 500 lbs!

## MADE IN THE USA!



Not only do we stand behind Solexx™ greenhouses, we stand on them!



# growing food and plants!

**Solexx™ Greenhouse Series**

**Most Popular!**



**No other greenhouse on the market gives you so much growing space!**

Unique **built-in bench frames** come free with every *Solexx™ greenhouse\**. The strong, 29" deep bench frames hold up to 500 lbs to give you the most usable growing area for all your plants. Pack the benches full and grow vertically—without shadows—because the light is diffused! Get the maximum use of your bench frames with optional sturdy wire shelves (page 12).

Full-length **hanging rods** run the entire length of all *Solexx™ greenhouses*, creating space for growing trellising tomatoes and overwintering your prized hanging baskets.

*\*Early Bloomer Greenhouses do not include bench frames.*

*"I'm impressed! After 8 years your corrugated plastic has stood up to Houston's 90-98 degree summer heat very well. Thanks for my beautiful orchids!"*

- Mary Beth, Houston, TX

**Solexx™ Gardener's Oasis Greenhouse**

Escape year-round to the tranquility of your *Solexx™ Gardener's Oasis!* It's so light and roomy inside — your plants will think they're on vacation! Our most popular greenhouse is loved for its **spaciousness, quality design, and great value.** Two 29" deep, double-tiered, built-in bench frames provide over 76 sq ft of growing area plus 16 ft of hanging space in an attractive 8' x 8' unit. This gives you plenty of room for both your potted and hanging plants and hours of gardening pleasure.

Need something larger? Choose the size that works best for you. All **Gardener's Oasis** Greenhouses come standard with a large, louvered Easy-Flow air vent and are covered with advanced twin-wall *Solexx™* paneling. *Solexx™* kits are expandable; if you outgrow your **Gardener's Oasis**, you can easily extend it later.

**Gardener's Oasis Greenhouses Include:**

- Heavy-duty composite framing
- Twin-wall 3.5mm *Solexx™* covering
- Two double-tier bench frames
- Two full-length hanging rods
- Easy-Flow Louver Vent (pg 23)
- 8-Year warranty
- **Free Delivery** (to the lower 48 states, see pg 18)

**SPECIAL OFFER**

For a limited time... **Take 10% off** the Accessory Package and all other accessories when ordered at the same time as your Solexx greenhouse (see order form, page 18, for details).

**Select the size that best fits your yard...**

Garden Oasis Greenhouses				Add an <b>Accessory Package</b> to your greenhouse and <b>Save 10%!</b>	
with <i>Solexx™</i> XP 3.5mm Panels		with <i>Solexx™</i> Pro 5mm Panels*			
<input type="checkbox"/>	G-208 8'W x 8'L x 8'H \$2,146	<input type="checkbox"/>	G-208-SP \$2,326	<input type="checkbox"/>	G-208-DE <del>\$493.50</del> <b>\$444.15</b>
<input type="checkbox"/>	G-212 8'W x 12'L x 8'H \$2,746	<input type="checkbox"/>	G-212-SP \$2,934	<input type="checkbox"/>	G-212-DE <del>\$694.25</del> <b>\$624.83</b>
<input type="checkbox"/>	G-216 8'W x 16'L x 8'H \$3,268	<input type="checkbox"/>	G-216-SP \$3,658	<input type="checkbox"/>	G-216-DE <del>\$905.75</del> <b>\$815.18</b>
<input type="checkbox"/>	G-224 8'W x 24'L x 8'H \$4,414	<input type="checkbox"/>	G-224-SP \$4,776	<input type="checkbox"/>	G-224-DE <del>\$1305.50</del> <b>\$1174.95</b>
<input type="checkbox"/>	G-208x 8'W x 8'L x 8'H \$1,559 (extension)				

\*For high altitude, heavy snow areas

**See page 12 for details!**



# The Victory Garden of Today!

## Grow more in less space with less work.



This 4-season food growing greenhouse system is complete:

- 8'x8' Solexx Garden Master Greenhouse (See page 9)
- 4 - Custom-fit shelves (See page 12)
- 3 - LED, eco-friendly grow lights
- 3 - RootSpas™, and nutrients
- SmartStart™ seeding trays and 98 growing cubes
- 72 - FlexiPot™ raised bed system and 3-part growing medium
- 3 - WaterWick™ water-saving mats
- 3 - WaterBox™ heaters
- **And much more!**



### First-rate greenhouse.

This unrivaled greenhouse produces highly diffuse light, superior insulation and vertical growing space. Because no other greenhouse on the market performs like Solexx, Grow4it gets a perfect start for 4-season growing.



### Complete. Easy. Smart.

Grow4it™ includes everything you need to turn seeds into abundant nutrient-rich foods. Enjoy an endless harvest with the simple 4 step process: Germinate, Root, Grow, and Harvest! Simply eat and repeat.



### Efficient and sustainable.

This eco-friendly system automatically delivers heat, water, light and food—meaning you can grow more food using less energy, water, space, time and effort. Root 108 plants and mature up to 72—all at one time.

## The time is ripe for Grow4it.

There has never been a smarter, safer, or more sustainable and cost effective solution to feeding your family—and it's fun. Leave food safety worries behind. Instead, take control and enjoy the pleasure of homegrown food the easy way—all year long. No digging, no transplanting and no guesswork. Best of all, you'll be amazed how quickly your investment grows year after year. Payback never tasted so sweet!

**Curious to learn more?** Visit [www.grow4it.com](http://www.grow4it.com).

*Grow4it, The complete food growing system: G-608 (Available Spring 2010)*



**The Revoutionary  
Food Growing Greenhouse System**

by Solexx™



Grow year round vegetables for your whole family in the 8 ft. Garden Master (above).

**Pamper yourself and your plants!**



**Garden Master Greenhouse**

A master gardener's delight or the hobbyist's dream! The European styling of our **Solexx™ Garden Master Greenhouse** makes it the perfect accent for your garden. This spacious greenhouse has 6'6" tall outer walls and a gable that peaks at 8'9", perfect for creating abundant room to trellis plants like cucumber and tomatoes. Like all **Solexx™** greenhouses, the Garden Master is freestanding and requires no special foundation or site preparation. Just level the ground, assemble and you're ready to go.

*Besides the shape, what makes the Garden Master different from the Gardener's Oasis (pg. 7)?* The **Garden Master** is nearly a foot taller, leaving you substantial height for taller plants and hanging baskets. The high sidewalls allow you extra room to grow and overwinter your tall plants.

**Read more about Solexx™ Greenhouses, page 6**



Plenty of headroom at nearly 9 feet!

6'6" side walls for tall plants.

Built-in bench frames provide **more growing space** than any other greenhouse.

*"We use our greenhouse year around. I was really amazed that anything lived through the past winter-- temperatures were below zero. With only a small ceramic heater, I was able to keep the temperature around 42 degrees."*

-Carol, York, PA

**Garden Master Includes:**

- Heavy-duty composite framing
- Twin-wall 3.5mm **Solexx™** covering
- Easy-Flow Louver Vent (pg 23)
- Two double-tier bench frames
- Two full-length hanging rods
- 8-Year warranty
- **Free Delivery** (to the lower 48 states, see pg 18)

**SPECIAL OFFER**

**Select the size that best fits your yard...**

Garden Master Greenhouses with <b>Solexx™</b> XP 3.5mm Panels		with <b>Solexx™</b> Pro 5mm Panels*		Add an <b>Accessory Package</b> to your greenhouse and <b>Save 10%!</b>
<input type="checkbox"/> G-508	8'W x 8'L x 8'9"H \$2,418	<input type="checkbox"/> G-508-SP	\$2,600	
<input type="checkbox"/> G-512	8'W x 12'L x 8'9"H \$3,134	<input type="checkbox"/> G-512-SP	\$3,390	<input type="checkbox"/> G-212-DE <del>\$694.25</del> <b>\$624.83</b>
<input type="checkbox"/> G-516	8'W x 16'L x 8'9"H \$3,882	<input type="checkbox"/> G-516-SP	\$4,188	<input type="checkbox"/> G-216-DE <del>\$905.75</del> <b>\$815.18</b>
<input type="checkbox"/> G-524	8'W x 24'L x 8'9"H \$5,212	<input type="checkbox"/> G-524-SP	\$5,514	<input type="checkbox"/> G-224-DE <del>\$1305.50</del> <b>\$1174.95</b>
<input type="checkbox"/> G-508x	8'W x 8'L x 8'9"H \$1,759 (extension)	*For high altitude, heavy snow areas		

**See page 12 for details!**

For a limited time... **Take 10% off** the Accessory Package and all other accessories when ordered at the same time as your **Solexx** greenhouse (see order form, page 18, for details).





The **Harvester** Greenhouse is fully enclosed with Solexx™ panels for superior insulation and soft diffused light.

**Stand alone, or place next to a fence or building.**

**Solexx™ Harvester Greenhouse**

Another classic, the **Solexx™ Harvester** is the perfect choice when you want a greenhouse to hug a house wall, garage, deck or fence — anywhere convenient for you. It even **works as a stand-alone!** No need to attach it to your house — it's **completely enclosed for maximum strength, insulation, and solar heat collection.**

Use it year-round to start your spring flowers, summer vegetables, extend your fall harvest, or store plants for the winter. A 6'6" x 36" paneled door, which can be installed on either end, provides easy access to the light, roomy growing area. The basic 8' x 8' model features **nearly 60 sq ft of bench area**, and over 15 linear feet of hanging rods.



**Harvester Greenhouses Include:**

- Heavy-duty composite framing
- Twin-wall 3.5mm Solexx™ covering
- Double-tier bench frame and single-tier side bench frame
- Two full-length hanging rods
- Easy-Flow Louver Vent (pg 23)
- 8-Year warranty
- **Free Delivery** (to the lower 48 states, see pg 18)



The best of both worlds: a double-tiered bench frame maximizes your growing area on one side. On the other side, a single bench frame is ideal for taller plants and provides easy-access workspace.

**SPECIAL OFFER**

**Select the size that best fits your yard...**

**Harvester Greenhouses**

with Solexx™ XP 3.5mm Panels

<input type="checkbox"/>	G-408	8'W x 8'L x 8'H	\$2,156
<input type="checkbox"/>	G-412	8'W x 12'L x 8'H	\$2,698
<input type="checkbox"/>	G-416	8'W x 16'L x 8'H	\$3,452
<input type="checkbox"/>	G-424	8'W x 24'L x 8'H	\$3,958
<input type="checkbox"/>	G-408x	8'W x 8'L x 8'H (extension)	\$1,569

with Solexx™ Pro 5mm Panels\*

<input type="checkbox"/>	G-408-SP	\$2,334
<input type="checkbox"/>	G-412-SP	\$2,872
<input type="checkbox"/>	G-416-SP	\$3,744
<input type="checkbox"/>	G-424-SP	\$4,292

\*For high altitude, heavy snow areas

Add an **Accessory Package** to your greenhouse and **Save 10%!**

<input type="checkbox"/>	G-408-DE	<del>\$419.50</del>	<b>\$377.55</b>
<input type="checkbox"/>	G-412-DE	<del>\$574.25</del>	<b>\$516.83</b>
<input type="checkbox"/>	G-416-DE	<del>\$742.75</del>	<b>\$668.48</b>
<input type="checkbox"/>	G-424-DE	<del>\$1063.50</del>	<b>\$957.15</b>

**See page 12 for details!**

For a limited time... **Take 10% off** the Accessory Package and all other accessories when ordered at the same time as your Solexx greenhouse (see order form, page 18, for details).



**Get the best insulation with Solexx™ Covering!**

**R-Value** - a measurement of the materials insulating ability. The higher the R-Value the greater the insulation.

**U-Value** - a measurement of heat loss through the material. The lower the U-Value the less heat is escaping.

\*Independent testing, Solexx™ with caulked flutes



*Solexx™ exclusive construction provides superior insulation to hold in the warmth and keep your heating costs low!*

**Compare Greenhouse Coverings!**

Greenhouse Covering	R-Value	U-Value
<b>5mm SOLEXX™*</b>	<b>2.30</b>	<b>0.43</b>
<b>3.5mm SOLEXX™*</b>	<b>2.10</b>	<b>0.48</b>
8mm Triple Wall Polycarbonate	2.00	0.50
Double Pane Storm Windows	2.00	0.50
10mm Twin-Wall Polycarbonate	1.89	0.53
8mm Twin-Wall Polycarbonate	1.60	0.63
6mm Twin-Wall Polycarbonate	1.54	0.65
4mm Twin-Wall Polycarbonate	1.43	0.70
Single Pane Glass, 3 mm	0.95	1.05
Poly Film	0.83	1.20

# So much space for growing— you could start a business!

## **Conservatory Greenhouse**

Our tallest, most spacious greenhouse, the **Solexx™ Conservatory**, is popular with **serious gardeners, commercial nurseries, and schools**. The 9'6" height and large bench area let you grow big and tall — from seedlings to large plants and even small trees!

The **Conservatory** features **substantial growing capacity** with two side bench frames that run the entire length of the outer walls. A large 5' wide, double-tiered center bench frame gives plants the perfect exposure to grow lights hung from above! Four hanging rods for plants run the entire length of the greenhouse.

The basic 16'W x 8'L x 9'6"H **Solexx™ Conservatory** provides 110 sq ft of bench surface, and over 30 linear feet of hanging rods. Two doors provide easy access to the entire growing area. Double your space and your doors with our 16'W x 16'L x 9'6"H model and you can tend to your plants from both ends of your greenhouse.

### Conservatory Greenhouses Include:

- Heavy-duty composite framing
- Twin-wall 3.5mm Solexx™ covering
- Two Easy-Flow Louver Vents for ventilation (pg 23)
- Center double-tier bench frame and single-tier side bench frames
- Four full-length hanging rods
- Two doors, G-308 unit, four doors in larger units
- 8-Year warranty
- **Free Delivery** (to the lower 48 states, see pg 18)



**Read more about Solexx™ Greenhouses, page 6**

Greenhouses longer than 20'L can be customized to provide more aisle or bench space. Call for a quote!



**Great size for schools!**



Popular with schools, the 16' x 20' x 9'6" **Solexx™ Conservatory** (above), has over 240 sq ft of growing area on the bench frames alone. Four doors and a center walkway provide easy access from all sides — it's a perfect learning environment!

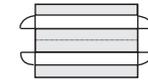
This custom 31' **Solexx™ Conservatory**, with its well-planned, spacious interior makes it an efficient growing chamber for your greenhouse business.

*"We were able to literally have over a thousand nursery starts as well as a multitude of hanging baskets thrive in this greenhouse. Thank you Solexx for helping our business to get off the ground. Our plants were happy and our customers too!"*

- Paul & Susan, Cherney Gardens Cave Junction, OR



16' X 8', two doors



16' X 16', four doors



16' X 20', four doors and one walk through

### Inside configuration of the Conservatory Greenhouses

Add as many 8' units as you need!

Shaded area = bench frames  
White area = aisles

## SPECIAL OFFER

Select the size that best fits your yard...						
Conservatory Greenhouses						
with Solexx™ XP 3.5mm Panels			with Solexx™ Pro 5mm Panels*			
<input type="checkbox"/>	G-308 16'W x 8'L x 9'6"H	\$4,024	<input type="checkbox"/>	G-308-SP \$4,238	<input type="checkbox"/>	G-308-DE <del>\$714.67</del> \$643.21
<input type="checkbox"/>	G-316 16'W x 16'L x 9'6"H	\$6,250	<input type="checkbox"/>	G-316-SP \$6,800	<input type="checkbox"/>	G-316-DE <del>\$1236.84</del> \$1113.17
<input type="checkbox"/>	G-320 16'W x 20'L x 9'6"H	\$7,258	<input type="checkbox"/>	G-320-SP \$7,964	<input type="checkbox"/>	G-320-DE <del>\$1408.70</del> \$1267.83
Larger sizes available			*For high altitude, heavy snow areas			

For a limited time... **Take 10% off** the Accessory Package and all other accessories when ordered at the same time as your Solexx greenhouse (see order form, page 18, for details).



# Get the most from your Solexx™ greenhouse!



## Make the most of your Solexx™ greenhouse with an accessory package!

Just locate your Solexx™ Greenhouse model and size on the chart to the right, follow across the row to find all the useful products included in your accessory package. All Solexx™ accessory packages include: (A) Deluxe Tie Down Kit (below), (B) Solar Louver Opener (pg. 23), (C) Base Vents (pg. 23), (D) Shade Cloth (pg. 25), Conservatory Greenhouses include Aluminet shade cloth, black shade cloth with all other Solexx greenhouses, (E) Wire Bench Shelves (below), (F) Greenhouse Flooring (below).



### Support heavy plants in your Solexx™ Greenhouse

Designed exclusively to fit Solexx™ greenhouse bench frames, these sturdy wire racks allow good drainage and

continuous air circulation around your plants. The white powder-coated finish resists rust and reflects light back to your plants.

The chart (above right) will help you select the correct amount of shelves for our most popular greenhouse sizes. Assembled shelf kit measures 24" x 94" for the back (used only in 12' Garden Oasis and Garden Master) and 29" x 94" for the side shelf. Includes mounting ties for simple assembly and installation.

**HN-18 24" x 94" Back Shelf Kit \$74**  
Buy 2 shelf kits for \$129

**HN-19 29" x 94" Side Shelf Kit \$99**  
Buy 2 shelf kits for \$158  
Buy 3 shelf kits for \$217  
Buy 4 shelf kits for \$281

		10% OFF Accessory Packages**						when ordered with your Solexx™ Greenhouse!	
	Select Your Greenhouse	Louver Opener Tie Down		Shelves	Base Vents Flooring		Shade Cloth	Accessory Package**	
Garden Oasis & Garden Master	8x8	1	1	(4) HN-19	4	10x10	8 x 12	G-208-DE \$444.15	
	8x12	1	1.5	(4) HN-19 (2) HN-18	6	10x12	12 x 12	G-212-DE \$624.83	
	8x16	1	1.5	(8) HN-19	8	10x16	12 x 16	G-216-DE \$815.18	
	8x24	1	2	(12)HN-19	10	10x24	(2)12 x 12	G-224-DE \$1174.95	
Harvester	8x8	1	1	(3)HN-19	4	10x10	8 x 10	G-408-DE \$377.55	
	8x12	1	1.5	(4.5)HN-19	6	10x12	8 x 12	G-412-DE \$516.83	
	8x16	1	1.5	(6)HN-19	8	10x16	8 x 16	G-416-DE \$668.48	
	8x24	1	2	(9)HN-19	10	10x24	(2) 8 x 12	G-424-DE \$957.15	
Conservatory	16x8	2	1	(6)HN-19	4	10x16	14 x 8	G-308-DE \$643.21	
	16x16	2	1.5	(12)HN-19	6	16x16	14 x 16	G-316-DE \$1113.17	
	16x20	2	2	(13)HN-19	8	16x20	14 x 20	G-320-DE \$1267.83	

\*\*Price shown with 10% discount

## Secure your greenhouse

Keep your greenhouse safe and secure in strong wind with this easy-to-install kit. Bury the 14-1/2" tie-down anchors next to your greenhouse and attach the J-hook to the greenhouse frame. Turnbuckles connect the frame to the anchor. Disconnects easily if you want to move your greenhouse. Use four anchors per 8' section. Use 30" long anchors for large greenhouses or sandy soil.



- HN-10 4-Anchor Tie Down Kit - 14-1/2" \$32.50**
- HN-11 1/2 Anchor Kit (2 anchors) - 14-1/2" \$16.25**
- HN-12 4-Anchor Tie Down Kit - 30" \$39.95**
- HN-13 1/2 Anchor Kit (2 anchors) - 30" \$19.95**

## Eliminate weeds from your greenhouse floor

When preparing your greenhouse site, remember, weeds love greenhouses too. You can stop the weeds from invading by setting this weed blocking flooring under your greenhouse — it's the perfect base for laying gravel. The



durable, black polypropylene flooring allows water to drain, eliminating standing water. Finished edges won't fray. Wire stakes included.

- HN-29 Flooring 10' x 10' \$30**
- HN-31 Flooring 10' x 12' \$40**
- HN-32 Flooring 10' x 16' \$50**
- HN-33 Flooring 10' x 24' \$70**
- HN-34 Flooring 16' x 16' \$80**
- HN-35 Flooring 16' x 20' \$90**
- HN-37 Flooring Special sizes 40¢/sq ft**

# The finest polycarbonate greenhouse!

## Riga Greenhouse

Dreaming of organic vegetables, fresh cut flowers, and tomatoes in middle of the winter? How about a flowering garden year round? It is all possible with a **Riga Greenhouse**. The beautiful **Riga Greenhouse**, with it's 8mm polycarbonate over the main body, adds insulation and protects your plants from frost. To maximize heat retention, 10mm panels are installed on the greenhouse endwalls.

We've included the sturdy **6" aluminum base** for stability in strong winds. The roomy design provides plenty of space for both grower and plants. A large manual back vent, roof vent(s), and dutch door help bring fresh air through the greenhouse. Optional suspended shelves create growing space at just the right height! Bring German quality engineering to your backyard with this one of a kind greenhouse!



Open up your dutch door on a calm day and enjoy the gentle breeze through your greenhouse. Lock the door for a tight seal against winter storms. The spacious 9'8" x 10'6" x 7'6" Riga Deluxe Greenhouse is pictured above.

## Riga Options



### Additional Roof Vent

Add roof windows as you need them for increased ventilation. 40" wide x 24" deep.

G-RG-RV RoofVent \$209.95



### Bottom Hanging Benches

Unique hanging aluminum bench kit maximizes usable space under the bench. 25" deep shelves run the length of one side of the greenhouse. Bench tops feature heavy-duty twin-wall polycarbonate inserts to hold your heavy plant loads.

- G-RG-BP7 \$199.95 (for 7' greenhouses)
- G-RG-BP10 \$279.95 (for 10'6" greenhouses)
- G-RG-BP14 \$389.95 (for 14' greenhouses)
- G-RG-BP17 \$499.95 (for 17'2" greenhouses)



### Top Hanging Shelves

For extra room to store tools and gloves add the 14" wide, full-length top shelves.

- G-RG-TP7 \$169.95 (for 7' greenhouses)
- G-RG-TP10 \$209.95 (for 10'6" greenhouses)
- G-RG-TP14 \$279.95 (for 14' greenhouses)
- G-RG-TP17 \$349.95 (for 17'2" greenhouses)

## Riga Greenhouses Include:

- **Dutch Door with keyed lock**—Strong, meticulously crafted 30" w x 6' h door.
- **Complete Ventilation**—Oversized 30" x 42" rear wall window vent and 40" x 24" roof window(s), with automatic openers. 14' and 17'2" greenhouses come with 2 roof windows.
- **Twin-Wall Covering**—8mm twin-wall polycarbonate over the main body, and 10mm twin-wall polycarbonate on the front and back walls. The thick panels add superior strength and insulation.
- **Anodized aluminum frame**—The extruded aluminum frame is precision engineered and with the polycarbonate installed, it is strong enough to stand on. Plus, the "onion" shape helps shed heavy snow loads.
- **Simplicity**— Easy to understand, step by step assembly instructions included with every structure.
- **Free Delivery** (to the lower 48 states)

## Select the size that best fits your yard...

### Riga Garden Greenhouse

- G-RG-7 7'8" W x 7' L x 6'11" H \$3,398
- G-RG-10 7'8" W x 10'6" L x 6'11" H \$3,935
- G-RG-14 7'8" W x 14' L x 6'11" H \$4,824



### Riga Deluxe Greenhouse

- G-RDG-10 9'8" W x 10'6" L x 7'6" H \$4,279
- G-RDG-14 9'8" W x 14' L x 7'6" H \$5,348
- G-RDG-17 9'8" W x 17'2" L x 7'6" H \$6,199



**FREE Delivery!**  
on greenhouses

to the lower 48 states, see pg 18



**Mt. Rainier Series Greenhouses** stand nearly 10 feet tall at the peak and are 8' wide to provide you with plenty of room for growing and relaxing. Four vents with automatic openers are included. Pre-assembled panels make the 8' x 12' (pictured above) easy to assemble in one day!



**The Mt. Hood Series Greenhouses** are perfect for those with limited space. A solar operated large roof vent and back base vent are included for optimal ventilation to keep your plants healthy.

## Beautiful redwood frame for a natural look

### Sunshine Greenhouse

The **Sunshine Greenhouse** is a relaxing year-round escape. Made of durable and attractive redwood (second growth — so we can help preserve our ancient forests) and a recycled plastic base, the **Sunshine Greenhouse** is resistant to moisture and insects, while the double-walled polycarbonate panels provide strength and insulation. Dutch doors and automatic roof and base vents are included to provide natural cross-ventilation. Optional full-length redwood bench kits, as well as wheelchair accessible doors are available.

#### Sunshine Greenhouses Include:

- **Redwood frame and Ridge-Tie Connectors**—For a durable frame that is easy to assemble and stands up to the elements over time.
- **4mm twin-wall polycarbonate panels with anti-drip coating**—Rugged, insulated panels resist breakage and help minimize condensation to keep plants healthy.
- **Solar operated roof vent and base vent**—Vents open and close automatically without electricity to assure your plants don't get overheated while your away.
- **Dutch door**—A great way to take advantage of a breeze while keeping pets and other animals out of your greenhouse.
- **High Roof Peak**—Plenty of headroom for you and your plants. The high peak allows snow to slide off easily in winter.
- **Assembly video**—Pre-assembled sections, clear instructions, and a video make this is one of the easiest greenhouses to assemble.
- **Free Delivery** (to the lower 48 states, see pg 18)

### Select the size that best fits your yard...

#### Sunshine Greenhouses

Mt. Hood Series				Optional Benches*		
<input type="checkbox"/>	G-SSKP-64	6' W x 4' L x 8'4" H	\$1299 <sup>+</sup>	<input type="checkbox"/>	G-SSKP64B	4' x 21" \$69
<input type="checkbox"/>	G-SSKP-68	6' W x 8' L x 8'4" H	\$1799	<input type="checkbox"/>	G-SSKP68B	8' x 21" \$99
<input type="checkbox"/>	G-SSKP-612	6' W x 12' L x 8'4" H	\$2399	<input type="checkbox"/>	G-SSKP612B	12' x 21" \$165
+G-SSKP-64 Includes 1 bench						
Mt. Rainier Series				Optional Benches*		
<input type="checkbox"/>	G-SSKP-812	8' W x 12' L x 9'11" H	\$3199	<input type="checkbox"/>	G-SSKP812B	12' x 31" \$219
<input type="checkbox"/>	G-SSKP-816	8' W x 16' L x 9'11" H	\$4129	<input type="checkbox"/>	G-SSKP816B	16' x 31" \$299

#### Other Sunshine Options\*

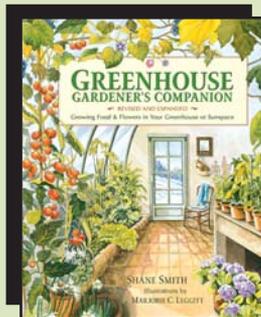
G-SSKPDR	39" Wheel Chair Accessible Door (Rainier Series)	\$99
G-SSKPA	4-anchor tie-down package	\$58
G-SSKR12	12' x 12' Shade Cloth Kit	\$59
G-SSKR16	12' x 16' Shade Cloth Kit	\$89
G-SSF-12	12" Exhaust Fan Kit	\$199



\*Accessories **SHIP FREE** with Sunshine Greenhouse order. Otherwise call for freight charges as additional shipping charges will apply

Staff Pick

### The most comprehensive greenhouse book available!



Excellent book! Create the ideal greenhouse environment with several pages devoted to assessing your greenhouse situation and needs. Advice on selecting and propagating plants and setting up your greenhouse, including environmentally friendly ideas and economical

suggestions. Alphabetical listing of over 300 flowers, fruits, vegetables and herbs. Plus how to solve your pest and disease problems and schedules for year-round harvests of food and flowers. 544 Pages.

**HB-10 Greenhouse Gardener's Companion \$22.95**

**More great books online!**

# A size for every budget!

## Hall's Greenhouse

Whatever the weather outside, a **Hall's greenhouse** can significantly extend the growing season and add a splash of color during the dull months of the year. Whether you are growing plants from seeds or over-wintering sensitive varieties, you are guaranteed hours of pleasure! All models have smooth action sliding doors and roof vents for maximum ventilation. Eight foot high Magnum greenhouses provide extra headroom and space for tall plants. Each greenhouse includes a sturdy galvanized steel base, providing an additional five inches of headroom.

### Hall's Greenhouses Include:

- **Maintenance-free aluminum frame** — Sturdy frame and matching steel base are available in a Mill or Green finish.
- **Smooth action sliding doors** — Slide the doors partially open for extra ventilation. Magnum greenhouses feature an extra large 4' opening for access for just about all your gardening equipment.
- **Integral gutters** — Make your gardening experience pleasant even on rainy days. Water is routed away from the doorway to keep you dry!
- **Roof venting** — Greenhouses come with one to four vents, depending on the size. Add more vents for hot climates.
- **4mm twin-wall polycarbonate** — Insulated and virtually unbreakable for your safety.
- **Free Delivery** (to the lower 48 states, see pg 18)



All Magnum Greenhouses feature double doors with a 4' opening to give easy access for wheelbarrows and are especially suitable for the disabled gardener.



For narrow spaces and smaller gardens, the **Popular** is ideal! A single sliding door makes for easy access.

More 3-Season greenhouses available online

### Select the size that best fits your yard...

Hall's Popular		Green Finish		Size	# Vents
<input type="checkbox"/> G-HP6	\$1227	<input type="checkbox"/> G-HP6G	\$1617	6'4" W x 6'4" L x 6'5" H	1
<input type="checkbox"/> G-HP8	\$1534	<input type="checkbox"/> G-HP8G	\$1928	6'4" W x 8'5" L x 6'5" H	2
<input type="checkbox"/> G-HP10	\$1699	<input type="checkbox"/> G-HP10G	\$2108	6'4" W x 10'5" L x 6'5" H	2
Hall's Magnum		Green Finish		Size	# Vents
<input type="checkbox"/> G-HM8	\$2531	<input type="checkbox"/> G-HM8G	\$3125	8'5" W x 8'6" L x 8' H	2
<input type="checkbox"/> G-HM10	\$2855	<input type="checkbox"/> G-HM10G	\$3395	8'5" W x 10'6" L x 8' H	4
<input type="checkbox"/> G-HM12	\$3046	<input type="checkbox"/> G-HM12G	\$3676	8'5" W x 12'7" L x 8' H	4
<input type="checkbox"/> G-HM14	\$3286	Not Available		8'5" W x 14'7" L x 8' H	4

### Halls Accessories\*



#### Adjustable Louver Window

Install opposite the door to add optimum cross ventilation for healthy plants. 24" wide x 18" high.

- G-HLW Louver (Mill) \$79.95
- G-HLWG Louver (Green) \$134.95
- G-HLWO Solar Opener \$69.95



#### Extra Roof Vents

Add roof vents for even more ventilation.

- G-HRVP Roof Vent – Popular \$54.95
- G-HRVM Roof Vent – Magnum \$54.95

\* For use only with Hall's Greenhouses only

# Add beauty and elegance to your yard!

## Junior Victorian

The Junior Victorian extends your growing season while combining old world style with modern European engineering and craftsmanship. The elegant black aluminum framework, tempered glass panels, 5' side walls and 8'2" peak height combine to give you a beautiful greenhouse while providing you with comfortable interior workspace. In temperate climates, over-winter special or valuable plants, start seedlings or create a tropical jungle. Enjoy years of maintenance free use. 7'9"W x 8'2"H.

### Junior Victorian Greenhouse Includes:

- 4mm energy-efficient tempered safety glass
- Thick, strong aluminum framing & rubber seals
- 4" foundation frame
- Decorative roof finials
- Large gutters and downspouts
- 2 roof windows
- 1 automatic window opener
- **Free Delivery** (to the lower 48 states, see pg 18)

G-JV10 10' Junior Victorian, 10' 2"L \$4420

G-JV12 12' Junior Victorian, 12'6"L \$4734

G-JV-AC Junior Vict. Accessory Kit \$639



Junior Victorian greenhouses are available in two lengths, 10'2" and 12'6" (above). Optional interior shade netting helps protect plants from the sun on hot days.

## Frequently asked questions about panels

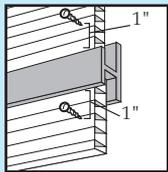
### What is the best direction to apply **Solexx™** panels?

With a UV additive throughout **Solexx™** panels, all sides of **Solexx™** are protected from the sun, so you can attach **Solexx™** with either side exposed. Attach the glazing either horizontally or vertically, but you get the strongest support when the flutes run perpendicular to the frame. We recommend the studs or trusses be no more than two feet apart for optimum panel support.

### How do I join the **Solexx™** panels?

H-Channel is used to join the long side of the panels together and should run

perpendicular to the greenhouse studs. It's meant to float between the panels to allow for expansion and contraction. The H-Channel is held in place by attaching screws into the paneling 1" away from either side of the



channel. **Solexx™** panels are designed with an extra 1-1/2" width and length so they can be overlapped as well.

### How do I cut **Solexx™** glazing?

The material can be easily cut to size using a utility knife or a sharp kitchen knife.

### How do I care for **Solexx™** glazing?

**Solexx™** can be rinsed or wiped clean without worry of scratching. The glazing is impervious to chemicals, so you can safely wash it with a mild detergent or a 1 to 10 bleach solution.

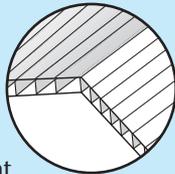
### Which glazing is best for my area?

**Solexx™** glazing is available in 3.5mm and 5mm thicknesses. **Solexx™** 3.5mm is standard for most projects as it provides the most light transmission. The 5mm panels are recommended in high altitudes, heavy snow areas and on custom applications that require extra support.

### How far will the panels curve?

#### What do I do at the peak of my greenhouse?

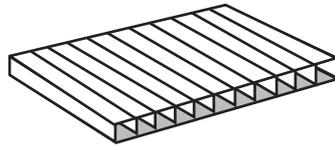
The panels are very flexible and curve easily around tight radiuses. You can even fold **Solexx™** over peaks and around corners for a water-tight seal.



### How do I attach **Solexx™**?

Screw directly through **Solexx™** around the perimeter and 18" apart in the center — generally about 32 screws for each 4' x 8' panel. See recommended screws, page 17.

# Use **Solexx™** panels



Just slide the continuous panels over your structure and attach with screws or install the rolls horizontally and connect with H-Channel.

## The Secret's in the Panels

**Solexx™** twin-wall panel technology is amazing! The flutes between the two layers of **Solexx™** glazing diffuse sunlight. The result: **ideal growing conditions in your greenhouse!** Proven better for your plants than direct natural light! You will love gardening in the softly lit atmosphere. The **insulated panels** keep your greenhouse at a more consistent temperature in summer and winter, enabling you to garden year round.



All **Solexx™** paneling is UV certified and backed by an 8-year limited warranty.

### • **Strong in wind and snow**

Strong and shatter proof, double-walled **Solexx™** panels **protect your seedlings** and plants from strong winds, hail, heavy snow, and other harsh weather conditions season after season.

### • **Won't scratch**

Unique **Solexx™** paneling will not yellow, scratch, or tear. Mold and mildew will not grow on the plastic's smooth surface, so years later your greenhouse will look like it did when you first built it.

### • **Diffused light**

Strong, double-walled **Solexx™** panel construction scatters available light creating even bright light inside your greenhouse. *University testing proves* **diffused light accelerates growth and prevents burning in plants!**

### • **Insulated**

**Solexx™** **maintains the temperature** in your greenhouse so your plants have as little stress as possible. It holds in more heat than all the other greenhouse coverings, see page 10.

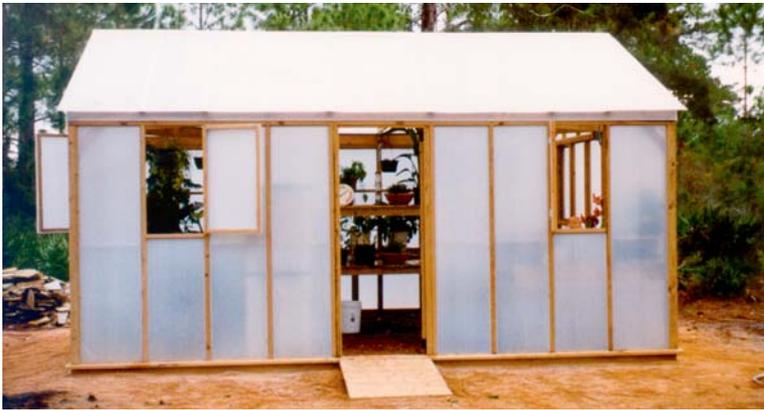
### • **Easy to install**

**Solexx™** is **flexible** and can be cut, rounded, or scored to fit perfectly to your structure.

### • **Custom lengths**

Easily cover any structure. With **Solexx™** continuous rolls, you **buy just what you need** with a minimal amount of seams. Fewer seams provide better insulation and less work!

# for your custom projects!



## Advanced Solexx™ twin-wall covering gives do-it-yourself builders the freedom to create!

Enjoy all the benefits of Solexx™ twin-wall covering on your new or existing structures. Solexx™ greenhouse covering comes in pre-cut panels or custom-cut lengths up to 900'. Unlike other greenhouse coverings, Solexx™ panels come with extra width (1" to 1-1/2"), so you can overlap panels for easy application. Re-cover an existing shed and turn it into a sunroom — or design your own unique garden structure.

For advice or more information on building with Solexx™ paneling, please call us at 1-800-825-1925. We are here for you and happy to help! Visit our website to see other custom project photos.



Above left, Solexx™ greenhouse covering can be easily trimmed to fit the shape of your structure. Secure it to your existing wood/pvc greenhouse frame with self-tapping screws and create a garden oasis (above).

All Solexx™ twin-wall paneling is specially formulated and tested for years and years of use.



**Watch out for imitations; always check the warranty. Use only UV certified panels!**

## Solexx™ Pricing

### Solexx™ Twin-Walled Continuous Rolls

Just roll it over your greenhouse frame and attach. Custom cut to your specifications to eliminate waste. 4'1" wide and comes as long as 900'. Flutes run the length of the material for superior strength. Eight year limited warranty.

#### Solexx™ XP Custom Cut (3.5mm)

GSR-160-4 4'1" x up to 900'L \$5.87/lin ft

#### Solexx™ Pro Custom Cut (5mm)

GSR-240-4 4'1" x up to 600'L \$7.35/lin ft

### Solexx™ Twin-Walled Pre-Cut Panels

Pre-cut for your convenience. Solexx™ panels work perfectly to cover 8' and 12' long structures. Panels come in three sizes and are available in Solexx™ XP (3.5mm) or Solexx™ Pro (5mm) grades. Eight year limited warranty.

#### Solexx™ XP Panels (3.5mm)

GSP-160-8	4'1" x 8'1" Panels	\$46.38
GSP-160-12	4'1" x 12'1" Panels	\$69.30
GSP-160-4299	3'6" x 8'1" Panels	\$35.86

#### Solexx™ Pro Panels (5mm)

GSP-240-8	4'1" x 8'1" Panels	\$58.02
GSP-240-12	4'1" x 12'1" Panels	\$86.38
GSP-240-4299	3'6" x 8'1" Panels	\$52.15

**Call for Shipping Rates on all Solexx™ glazing**



### H-Channel & H-Channel Clips

Flexible, snug-fitting PVC H-Channel securely joins panels together. H-Channel Clips are used to join 4' H-Channel pieces together for horizontal installations. (For example, use an H-Clip to make two 4' H-Channels into an 8' H-Channel).

GS-600	4' H-Channel	\$3.40
GS-600-C	H-Channel Clip	\$0.36

### U-Trim & Caulking

U-Trim PVC edging caps off and protects the open flutes of the panels. Apply in combination with silicone caulking for optimum insulation and to keep dirt, bugs and moisture out of the panels.

GS-610	4'1" U-Trim	\$2.40
GS-530	Clear 100% Silicone Caulking, 10.1 fl. oz.	\$7.55

### Screws Recommended for Solexx™

White galvanized screws with 1/4" hex head secure Solexx™ covering to your greenhouse frame. No pilot hole required. Soft neoprene washers seal out moisture and protect the plastic. Use 1" screws for wood or PVC frames and 3/4" self-tapping screws for metal frames. 100 screws per package.



GS-500	1" Wood/PVC Screws (100)	\$8.00
GS-520	3/4" Self-Drilling Metal Screws (100)	\$8.00



**Insulated, compact and portable!**

**Lit'l Propagator**

All the benefits of a high end greenhouse in a compact 4' x 4' footprint. Use it on a balcony, rooftop or in any garden where space is limited. Unlike other mini-greenhouses, the **Lit'l Propagator** is tall enough at 72" for most adults to stand in! Bench frames adjust, so you can leave more room below for your taller plants. The bench frames are even removable, leaving you plenty of space to over winter container grown plants, store garden tools, and so much more! The twin-wall *Solexx*™ covering (page 16) provides excellent insulation and diffused light, giving you more months of the year to enjoy gardening.

**FREE DELIVERY  
ON ALL  
GREENHOUSES!**

in the lower 48 states

**Lit'l Propagator Greenhouse Includes:**

- UV-treated PVC framing
- 3.5mm *Solexx*™ XP twin-wall covering
- 24" x 57" door
- 2 full-length, 12" deep bench frames and racks
- **Free Delivery** in lower 48 states, see pg 18



Start your seed flats early in the Lit'l Propagator. Includes removable and adjustable shelves.

**G-102 Lit'l Propagator, 4'W x 4'L x 6'H \$642**



**An easy way to get started!**

**EZ Grow Greenhouse**

The **EZ Grow Greenhouse** is ideal for those just getting their feet wet in hobby greenhouse gardening. This starter greenhouse assembles easily with it's push-n-click connectors, for a jump on spring seedling starts. The sturdy aluminum framing will give you years of gardening pleasure. The EZ Grow is easy to move and relocate within your yard, so you can set it right over your garden to protect your plants in the spring and fall. Comes with roof vent and 31" high x 27" deep shelving that runs around three sides of the greenhouse. 6'W x 8'L x 7'6"H

**EZ Grow Greenhouse Includes:**

- 4mm twin-wall polycarbonate
- 12" long anchoring stakes
- Strong powder-coated green aluminum frame
- Standard roof vent
- 3 sides of shelving
- **Free Delivery** in lower 48 states, see pg 18



**G-EZ8 EZ Grow Greenhouse \$1,119**

**NEW! Safety panels with the clarity of glass**

**Snap and Grow Greenhouse**

Add a cute sunspace to your yard! The beautiful glass-like clarity of the **Snap and Grow Greenhouse** lets you see right inside to show off all of your plants. It's a practical way to hold off the frost in the fall and get an earlier start on growing seeds in the spring. Its innovative split door allows for easy entrance and ventilation. Features single layer SnapGlas™, 100% UV protected polycarbonate panels — clear as glass but virtually unbreakable.



The Snap and Grow includes an innovative split door for added ventilation. Shelves not included. For optional shelving, see page 26.

**Snap and Grow Greenhouse Includes:**

- Heavy duty, corrosion resistant aluminum frame
- Clear single-layer polycarbonate panels
- Galvanized steel base kit & stakes
- Adjustable roof vent and dutch style door
- **Free Delivery** in lower 48 states, see pg 18



**G-6008 Snap Glass Greenhouse, 6'W x 8'L x 6'9"H \$799**

**G-6012 Snap Glass Greenhouse, 6'W x 12'L x 6'9"H \$1,188**

Other sizes available online.



Raised bed not included

## Protect plants all year!

Our largest raised bed cover



The **Deluxe Cold Frame** is designed to stay in your garden all year. Start seedlings early in the spring and prop the cold frame up in the summer to provide the perfect indirect light for your garden to flourish. Keep it propped up in the fall to hold off the frost and extend your harvest. Spacious 8'L x 6'W x 31"H size to over-winter all of your potted plants. Strong composite framing and *Solexx*™ twin-wall panels (see page 16) assure years of use. Center beam divides gardens into two 6'x4' plots of your favorite crop.

**G-80 Deluxe Cold Frame \$452**

**Free Delivery** in lower 48 states, see pg 18



*A perfect companion to a cold frame!*

## Germinate seeds early — without transplanting!

Start your vegetable garden several weeks earlier without the worry of frost — just like professional growers! The built-in thermostat conserves energy by activating only when soil temperature falls below 74°F. Simply bury the cable in your soil and speed germination and seedling growth with gentle bottom heat.

- HS-26 24' Soil Cable (84 watts), covers 6 sq ft \$35.95**
- HS-27 36' Soil Cable (126 watts), covers 9 sq ft \$42.95**
- HS-28 48' Soil Cable (168 watts), covers 12 sq ft \$49.95**



## NEW! Protection right over your flower beds

Accommodate your flats and in-ground plantings in this compact cold frame cover. It works like a mini greenhouse to help lengthen your growing season so you can start seeds earlier and harvest cold crops longer. Insulated polypropylene greenhouse covering helps retain heat and moisture, blocks the wind, and creates a productive environment for your budding flowers, vegetables, and plants. Hinged sliding vents for optimal ventilation, strong sturdy aluminum framing. 4 anchor stakes included. 5-year panel warranty. 39"L x 24"D x 16"H (peak) and 12" H (end), Double unit is 48"D.

**G-85 Single Cold Frame \$119.95**

**G-86 Double Cold Frame \$189.95**

**Free Delivery** in lower 48 states, see pg 18



## Quick and easy frost protection

When the forecast says frost, protect your plants with **Frost Shield** plant covers. Instant, effective protection goes on and comes off quickly and easily — the lightweight frost shield won't hurt your plants, even if it stays on for days at a time. Like a mini coldframe, **Frost Shield** extends the growing season, so flowers in containers and hanging baskets bloom longer. Just drape the cover over one or several plants and pull the drawstring. Much easier than moving heavy containers! Reusable season after season. Attractive green tinted covers blend nicely in your yard.



- HT-82MG Frost Shield Medium, 64"circ. x 14"h \$10.95**
- HT-82LG Frost Shield Large, 84"circ. x 14"h \$11.95**
- HT-82BG Frost Shield Bag, 55"circ. x 48"h \$12.95**
- HT-82FS Frost Shield Flat Sheet, 5'w x 10'l \$10.95**

## Display and protect your plants



Protecting plants and starting seeds, indoors or out, has never been easier — or more convertible! Clear vinyl cover helps to hold in humidity and reduce watering needs, plus provides extra warmth. Unzip the front panel and roll up for ventilation. Remove the cover completely and you have an attractive and useful plant stand. Durable powder-coated green steel frame and zippered slip-on cover included. Easy to assemble, no tools required. 5'3" x 2'3" x 19"D

**G-DH Display House \$74.95**  
**Free Delivery** in lower 48 states, see pg 18)  
 Replacement cover available online



## A portable greenhouse in a snap!

*The perfect temporary cold frame!*

A sturdy fiberglass frame secures this roomy grow house, while the durable, reinforced waterproof cover resists UV rays, so your portable greenhouse can be used year after year. Two wide screened, zippered doors provide easy access, and 12 screened vents with weather flaps provide optimum ventilation. Close the screens and windows to retain warmth and humidity. Makes a convenient, portable storage shed too. Easily set up on soil or hard surface, indoors or outdoors. 9' x 9' x 8' tall.

### Plant-N-Grow Includes:

- Sturdy fiberglass framing
- Rip-stop Gro-Tec™ Covering
- Ground stakes and tie downs
- Black nylon mesh shade cloth
- Tote bag for transportation and storage
- **Free Delivery** in lower 48 states, see pg 18



Get ripe, juicy tomatoes faster!

## Harvest tomatoes weeks earlier!

Cover your tomato plants and any young vining plants to create the perfect microclimate for healthy growth. Our poly fleece covers let in air, light, and water, while protecting your plants from heat, wind and driving rain at the same time. Harvest as much as 2-3 weeks earlier!

The tomato fleece also keeps out pests, so fruits are healthy without the need for chemicals! Three 2.4' x 4.9' fleece hoods.

**HT-94 Tomato Fleece Hoods (set of 3) \$14.95**

## G-PNG Plant-N-Grow \$485

*Not recommend for areas with high winds or heavy snowfall.*



## Perfect for your young garden!

Harvest as much as 2-3 weeks earlier with our Bio Fleece! Protects your plants from heat, wind, and cold while letting in light, fresh air and water. Plus your crops are protected from pests without the use of chemicals. UV-resistant fabric for years of use. Just set the **Bio Plant Tunnel** (shown left) over your

newly planted garden row and slide the steel frames into the soil. For added insulation from the cold, easily fold down the ends to seal the tunnel. Stores

accordion style until next spring. 9'11"L x 19"W x 18". Use the **Bio Fleece Blanket** (shown right) to start seeds earlier in the spring and cover flower beds in the fall to hold off the frost. 4'11"W x 32'9"L roll comes with 6 pegs to help secure it over your garden.

**HT-93 Bio Plant Tunnel \$36.95**  
**HT-92 Bio Fleece Blanket \$12.95**



## Start seeds earlier

This portable, full zipper enclosure provides a good environment for seed germination, seedling development, and hardening off. Protects plants from wind, frost, and snow while screened vents guard against most insects, birds, and other pests. Open-bottom design lets you place it over existing plants, raised beds and containers. Two sizes, 4' x 4' SeedHouse has room for 8 seed flats; 8' x 4' StarterHouse holds up to 16 seed flats. Lightweight, compact, and easy to store. Includes shade cover, wind stakes and carrying pack. Constructed of waterproof, rip-stop GroTec™ material.



**G-84 SeedHouse, 4'W x 4'L x 34"H \$84.95**  
**G-88 StarterHouse, 8'W x 4'L x 34"H \$134.95**

**Free Delivery** in lower 48 states, see pg 18

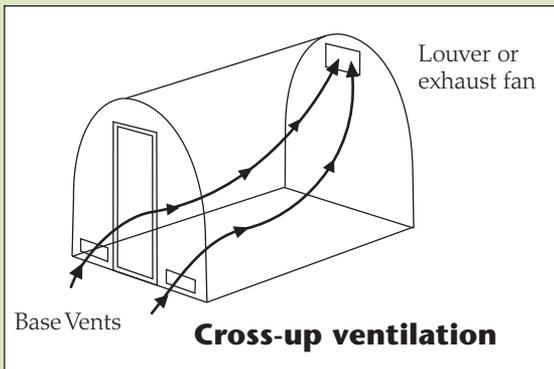


## Ventilation — a key ingredient to healthy plants.

*Don't forget to ventilate this winter!*

Your plants will thrive with the protection and light they get from your greenhouse, but they will miss one thing: fresh air! Plants need a fresh supply of carbon dioxide so they can properly photosynthesize and make food. Good ventilation also reduces overheating and excess humidity in the greenhouse and helps prevent disease.

For best results, air should circulate throughout your entire greenhouse. This cross-ventilation is easily achieved by positioning base vents low on one side of your greenhouse and a large vent or exhaust fan high on the opposite side. This will bring in fresh air and pull stale air out of your greenhouse. In addition, circulation fans placed inside your greenhouse help keep the air moving and encourage pollination within the greenhouse.



**Want to know more about ventilation**  
[www.GreenhouseCatalog.com/ventilation](http://www.GreenhouseCatalog.com/ventilation)



## Find the right size exhaust fan for your greenhouse

To determine which fan your greenhouse requires, calculate the volume of your greenhouse. For a simple estimation (this will slightly overestimate your volume) multiply the length x width x height of your greenhouse.

For example, the 8' x 12' x 8' Gardener's Oasis would need 768 CFM (8x12x8=768). The 12" Exhaust Fan would be sufficient at 760 CFM.

Easily find the fan you need using our fan calculator at

[www.GreenhouseCatalog.com/fan](http://www.GreenhouseCatalog.com/fan) or simply call us, we're happy to help!

Go to [www.GreenhouseCatalog.com](http://www.GreenhouseCatalog.com) for more helpful tips and to see all our products.



## Powerful exhaust fans for large spaces

If you need rapid air exchange in your greenhouse then this is the fan for you! You will appreciate the rugged design of this high powered fan. A heavy-gauge galvanized steel frame resists rust and corrosion and contains a thermally protected motor. These fans work perfectly in the larger *Solexx™* Greenhouses. Thermostat, wiring and instructions included. 115v.



Thermostat

- HV-55 17" Exhaust Fan 1570 CFM \$320
- HV-56 21" Exhaust Fan 2600 CFM \$398
- HV-57 25" Exhaust Fan 3200 CFM \$418

*Measurements are outside dimensions of fan housing*



## Keep your plants thriving all year

Did you know more plants die from overheating than from cold? Promote healthy, vigorous plant growth by venting stagnant air out and drawing fresh air into your greenhouse. An automatic thermostat control saves electricity by keeping the air flowing only when needed. Fits perfectly in most 8', 12', and 16' *Solexx™* Greenhouses. Requires 110v outlet. Thermostat, wiring and instructions included.



Thermostat

- HV-50 12" Exhaust Fan 760 CFM \$269
- HV-51 16" Exhaust Fan 1250 CFM \$318



## A perfect companion for your exhaust fan

Eliminate the hassle of manually opening and closing vents. Wire your shutter to your exhaust fan thermostat for automation. When the exhaust fan turns on, these sturdy motorized intakes open automatically to bring fresh air into your greenhouse. Intake shutters close securely when not in use to make an effective seal against the outside air.



- HV-60 12" Intake Shutter \$209
- HV-61 16" Intake Shutter \$239
- HV-62 20" Intake Shutter \$299

**10% Off Accessories!**

10% off accessories with your greenhouse order of \$1500 or more.

*Certain conditions apply, see order form, pg 18, for details.*

Staff  
Pick

Our staff has selected our favorite "tried & true" accessories and designated them with the "staff pick" symbol to help make your shopping easier. Keep in mind, all products in our catalog have passed our rugged testing and are backed by our 90-day guarantee for your complete satisfaction.



### Circulate fresh air from any angle

Place this unique, pivoting utility fan on the floor of your greenhouse to generate air circulation under your plant's leaves — providing fresh air where they need it most! Patented, 360° manual pivoting fan head with three speeds allows for flexible, adjustable air flow. Comes with

two additional outlets with circuit breaker for plugging in your tools. Extra-long 10' cord with grounded plug.

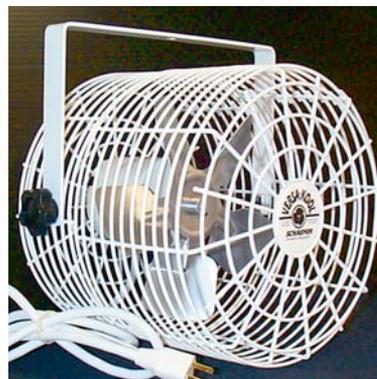
**HV-70 Stanley Blower \$65.95**

### Just give it a squeeze and clip this little fan where you need it



This top quality, whisper-quiet 6" Lasko Fan will create ideal air circulation in your small growing space. Spring-loaded clip clamps to your greenhouse shelving or any surface up to 1-3/8" wide. Lightweight casing is durable, impact-resistant plastic. Great to put at your desk too!

**HV-80 Lasko™ Clip Fan \$16.95**



### Powerful circulation for healthy plants

This energy-efficient fan is designed specifically for use in a greenhouse. Strong five-wing aluminum blade generates constant air movement for healthier plants. Adjustable mount makes installation easy and versatile. Complete with 5 foot, 3-prong power cord. Wire cage measures 9" deep

x 9.75" wide. For the most effective ventilation in large greenhouses, place one fan at each end of the greenhouse to create a circular air pattern.

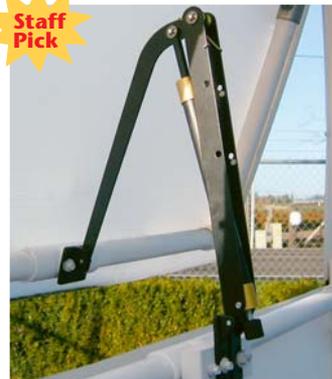
**HV-40 8" Circulation Fan \$159**

Power centers and surge protectors available online

### Solar powered vent opener automatically opens most vents

Even in the winter, your greenhouse gets hot on a sunny day. Regulate the temperature automatically with a solar powered vent opener. Corrosion-resistant, solar powered piston extends 12" to open and close greenhouse vents as the temperature changes. Fits most greenhouse vents including the Early Bloomer greenhouse. Installs easily and lifts up to 15 lbs. No batteries or electricity required.

**HV-10 Universal Solar Opener \$47**

Staff  
Pick

### Bring fresh air into your greenhouse without electricity

Made from rugged, outdoor-grade PVC, the 24" x 12" **Easy Flow Louver** vent keeps the rain out and still lets in plenty of fresh air to keep plants healthy. Easy to add to your custom designed greenhouse. Manual operation or add the Easy Flow Louver Opener (below) for effortless solar powered operation.



**HV-30 Easy Flow Louver \$80**

### Open the Easy-Flow Louver automatically with a solar louver opener

Let our heat-activated Louver Opener do the work while you're away. Automatically opens and closes the Easy-Flow Louver (above, sold separately) as the air in your greenhouse warms or cools. No batteries or electricity required.



**HV-31 Easy Flow Solar Louver Opener \$50**



### Create healthy air flow

Rugged ABS polymer 4" x 9" base vents allow fresh air to continually flow through your greenhouse. Mount a vent near the base in each corner for natural 'ground-up' cross

ventilation. Close during colder weather to save heat. These vents are easy to install in your *Solexx™* Greenhouse. Four base vents are recommended for an eight foot greenhouse.

**HV-20 Closeable Base Vent \$8.75**



## Convenient heat—perfect for most 8' and 12' units.

Just plug it in to your electrical outlet in your greenhouse and turn it on. It's simple. Durable heater keeps greenhouse warm and plants safe from frost. Anti-freeze setting makes this heater a great choice for those simply wanting to keep their greenhouse above freezing. A tip-over switch, overload circuit and caution light provide extra safety. Low to high knob lets you adjust the heater to your desired temperature so it operates only when needed to conserve electricity. Heavy-duty fan distributes heat throughout your greenhouse. Features a 1500

watt, 1300 watt, or fan only setting. Maximum 5120 BTUs. Requires 120v three-prong outlet. Measures 10" x 16" x 9.5", 6' cord.

**HH-10 Portable Electric Heater \$69.95**



## Non-vented greenhouse heater

Designed exclusively for greenhouses, these open-flame heaters keep your greenhouse cozy with radiant heat. The polished aluminum back reflects heat and distributes it throughout the greenhouse from the floor up. Floor-level temperature stays within 5 to 7 degrees of the ceiling-level temperature for uniform warmth. A wall-mounted, multivolt thermostat lets you specify the exact temperature desired from 35° to 75°F. **A safety feature shuts off the gas if the pilot light goes out.** No electricity is

required so your plants are safe in a power outage. Extremely clean burning — the only by-products are carbon dioxide and water vapor, which are beneficial to your plants. Detailed instructions and venting recommendations included. 22"T x 12 1/2" dia. Stainless steel burner rated at 20,000 BTU. Propane models require 100 lb. or larger tank (not included).

**HH-40N SB Heater Natural Gas \$499**  
**HH-40P SB Heater Propane \$499**

*NOTE: Not available in Canada, CA, or NY*



## Vented Gas Heater

*Vents fumes out of your greenhouse!*

Even, radiant warmth! Combusted gases are vented outside of the greenhouse to keep fumes away from sensitive plants like orchids and begonias. Made of non-rusting mill polished aluminum and aluminized steel for durability in a moist environment. Wall mounted thermostat lets you specify the exact temperature to maintain in your greenhouse from 35° to

75° F. A safety feature shuts off the gas if the pilot light goes out. Detailed instructions and venting recommendations included. No electricity needed. 25,000 BTUs. Vent pipe and flashing required. Propane models require 100lb or larger tank, not included. 16 1/4" wide x 17 1/2" deep x 25" tall.

**HH-50N SB Vented Heater Natural Gas \$599**  
**HH-50P SB Vented Heater Propane \$599**

*NOTE: Not available in Canada*



## Power outage? Here's your emergency heat source solution!

Receive instant warmth in your greenhouse with this easy-to-move propane heater. Complete with oxygen sensor and accidental tip-over shut off for your safety. Generates 4500 to 8000

BTUs/hour. Requires one 16.4 oz. propane cylinder (not included) or attach a hose to a larger tank. These units are also great to have in your shop. 15" x 15" x 7.5".

**HH-60 Portable Propane Heater \$139.95**

**HH-70 Hose Unit \$19.95**



## Automatic shut-off for safety

Blue flame heat creates a uniformly warm, moist greenhouse environment in which plants thrive. Heater comes complete with a floor base for stability and a variable heat control. Stainless steel burner resists rust and corrosion for years of trouble-free service. Equipped with oxygen sensor for your safety. Works with both propane (requires 100 lb. or

larger tank, not included) or natural gas. Measures 26.63"W x 8"D x 23.5"H.

**HH-30 28,000 BTU Heater \$320.95**

**Additional blue flame heaters available online**



## NEW! A quick and easy thermostat solution

Save energy and equipment by running it only when it's needed with this dual outlet thermostat. Thermostatically controlled outlet operates with any 15 volt, 120 watt fan or electric heater — just plug it in. Two receptacles for use with more than one device. Two options:

**Thermocube High** (great for fans) comes on at 78 F° and off at 70 F°, while **Thermocube Low** (great for heaters) comes on at 35 F° and off at 45 F°.

**HH-72 Thermocube High \$14.95**

**HH-71 Thermocube Low \$14.95**

## Manage greenhouse temperature extremes

*A must have for all greenhouses!*

Keep track of your greenhouse temperature for optimal plant growth. The Min/Max thermometer monitors the high and low temperatures in °F and °C and includes a swivel mounting bracket for 360° viewing. Weather-proof, precision thermometer coil for accurate readings. Large numbers make it easy to quickly check the temperature. 5-3/4" diameter.



**HT-30 Min/Max Thermometer \$13.50**



**Keep your greenhouse cool**

Especially popular in the South, highly reflective **Aluminet shade cloth** does not absorb heat and blocks 40% of the light—keeping your greenhouse shaded and cooler than black shade cloth. It also improves light diffusion and protects against frost. Unfinished edges do not fray and are easily cut to the exact size you need. 14' wide, length cut to order.

**HV-100 Aluminet Shade Cloth \$6.34/lin ft**

**Shade your plants from summer heat**

Reusable black polypropylene shade cloth filters out 55% of the sunlight, reducing heat on hot summer days. A lower inside temperature will help protect your special plants and prolong the life of your greenhouse panels. Reinforced, hemmed edges with grommets make attachment and removal easy.



<b>HV-90</b>	<b>4' x 8' Shade Cloth</b>	<b>\$35</b>
<b>HV-91</b>	<b>8' x 10' Shade Cloth</b>	<b>\$55</b>
<b>HV-92</b>	<b>8' x 12' Shade Cloth</b>	<b>\$65</b>
<b>HV-93</b>	<b>8' x 16' Shade Cloth</b>	<b>\$85</b>
<b>HV-94</b>	<b>12' x 12' Shade Cloth</b>	<b>\$95</b>
<b>HV-95</b>	<b>12' x 16' Shade Cloth</b>	<b>\$125</b>

**Other sizes available by special order.**

**HV-99 Special Order Shade Cloth \$67/sq. ft.**

**NEW! Watch for weather trends in and out of your greenhouse**

Collect temperature and humidity readings and conveniently store them on your computer. Simply place the wireless sensor in your greenhouse, plug the wireless gateway into your network router, and the collected measurements will be available online for secure access anytime. Create custom alerts to notify you by email or text message if temperature or humidity measurements exceed your defined range. Download accumulated measurement logs to see a history of temperature ranges. Includes a 6' detachable and network router are required or direct connect to your computer (to get readings only when computer is on). 5.23"x0.76"x1.44". *Optional subscription through the manufacturer for alerts is required after the first year (\$9.95 per year). See complete features online.*



Receive instant temperature alerts by email or text message.

and probe sensor temperature. 200 feet wireless range. Internet access and network router are required or direct connect to your computer (to get readings only when computer is on). 5.23"x0.76"x1.44". *Optional subscription through the manufacturer for alerts is required after the first year (\$9.95 per year). See complete features online.*

**HT-149 Weather Transmission Station \$69.95**

**HT-155 Extra Sensor \$26.95**

**NEW! Monitor your greenhouse and more**

This accurate, easy-to-read weather station is chalk full of features. Informative icons display indoor/outdoor temperatures, humidity,

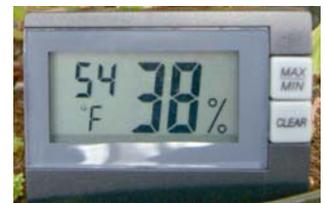
min/max recall and 12-24 hour forecast including barometric pressure. A digital US Atomic Clock never needs adjusting, even when Daylight Saving Time starts and stops. Mount the wireless sensor unit in your greenhouse or outside (up to 200' from the weather station) to transmit the weather information you need to know. Main unit, 6.25" x 4.75" x 1". Requires 2-AAA and 2-AA batteries.

**HT-159 Wireless Weather Station \$59.95**



**Mini Digital Thermometer**

Our German-designed mini thermometer is essential anywhere temperature and humidity are important to monitor. An easy to read LCD constantly displays the precise temperature from 14-140F° and humidity. A max/min function indicates the highest and lowest recorded levels of both. Ideal for greenhouses, wine cellars and even humidors. Includes double-stick and magnetic tape for mounting or use the folding stand. LR44 battery included. 2-1/8"W x 1-5/8"H x 5/8"D.



**HT-89 Mini Hygro-Thermometer \$14.95**

**NEW! Track greenhouse temperatures from home!**

Monitor the indoor and outdoor temperature without opening the door to bitter, winter winds or scorching summer heat. A 100 ft. range remote sensor collects data from inside your greenhouse and wirelessly transmits it to the compact, indoor monitor. Displays max/min temperature data on main unit. Wall mount or stand on desk. Customizable temperature alarm alerts user to high or low temperatures. Temperature Range: - 22F to 140F. Needs 2-AAA batteries for main unit and 1-AA for sensor, not included. 3 1/2"L x 3 1/2"W. Sensor, 3 3/4"L x 2"W.



**HT-38A Indoor/Outdoor Thermometer \$29.95**



## Give yourself more room for your container garden!

These antique french reproductions create the perfect space to show off your container plants indoors or out. Quarter-Rounds and Rectangles can be mixed, matched or used alone. Dark green baked enamel over a strong steel frame provides sturdy support for all your plants. The three stepped 6-1/4" deep shelves provide room for plants to flourish. Rectangular stand measures 29" tall x 24" deep x 39" wide. Quarter-Rounds fit neatly into room corners or use two of them in combination to make a half circle or four to make a complete circle. Corner stands measure 29" tall x 33" across x 24" radius.

**HF-50 Rectangular Plant Stand \$149.95**

**HF-51 Corner Plant Stand \$99.95**

**HF-52 Plant Stand Set \$324.95 SAVE \$25**  
(2 Corners and 1 Rectangular Stand)



## Beautiful and functional workspace!



Handcrafted from Western Red Cedar, these are the best and most stable benches on the market! Designed for durability and efficiency, they make an excellent plant bench or work area. Double shelf provides ample storage. Quick and easy assembly. Weathers to silver gray finish or may be stained or painted. 32"H x 20"D x 60"W.

**HF-21 Cedar Potting Bench \$299**



## NEW! Foldable Potting Bench

This beautiful two-tiered potting bench is designed to give you ample room to pot up your plants and store soil, pots and more! Lattice backing with "S" hooks included for hanging tools, gloves or small pots. When the season is over, fold and store. Great as a Patio Buffet Table too. Fir and hardwood mix with natural stain. 24" D x 48" W x 60" H, bench top height, 36".

**HF-22 Foldable Potting Bench \$179.95**



## Sturdy aluminum benches



Add efficient work space and plant staging to your greenhouse with these sturdy 4' all aluminum benches. Slatted tops allow for air circulation and drainage. Available with either one tier to allow storage of tall plants below

or two-tier for storing multiple seedling trays. 20"D x 48"W x 30"H, two-tier bench has extra shelf at 18"H. Available in green or silver.

**G-H1TB 1-Tier Bench, silver \$114.95**

**G-H2TB 2-Tier Bench, silver \$179.95**

**G-H1TBG 1-Tier Bench, green \$149.95**

**G-H2TBG 2-Tier Bench, green \$225.95**



## Eliminate messes with a portable potting tray!

This deep tray keeps soil and fertilizer contained so you can transplant flowers on any flat surface. It features a top shelf for tools and supplies, along with a cutaway front to give you the perfect working angle. Works well for crafts and other projects too. Molded polymer is easy to clean, rugged and lightweight. Measures 23.5" x 21" x 6"H.

**HS-52 Portable Potting Tray \$14.95**

Great Low Price!



## Get your seeds off to the best start

Amend your clay soil, make worm bedding, use as a hydroponic medium, or start your seeds. **Pure coconut coir** retains water, keeps plant roots moist and aerates soil. They're sold in compacted bricks for easy shipping and storage. Works excellent for starting seedlings to decrease seed germination time and enhance root growth or mix with potting soil to reduce watering. Compressed bricks expand to 1/3 cubic ft. of growing medium. Add one gallon of water per brick when ready to use. 6-pack (makes 2 cubic ft). High quality Sri Lankan coco.

**HS-90 6-pack CocoLite Bricks \$12.00**

**Reduce strain and pressure on your knees and back with the Garden Rocker™**

Give your body a break! This garden seat reduces strain and pressure on knees and back during prolonged weeding or planting sessions. The **Garden Rocker™** adjusts to four heights (from 11" to 14") and pivots so you can work comfortably in your garden. Curved base moves with your body in any direction, letting you move lower and closer to your work. Optional soft, non-slip cushion top available for added comfort. Features four pockets to store your tools or a favorite beverage. At 5 lbs. and 16" wide, it is lightweight and easy to move with you throughout the garden. Holds 350 lbs.

- HF-35-R Garden Rocker \$29.95
- HF-35-C Garden Rocker Cushion \$16.95



Staff Pick



**NEW! Save your back and knees while weeding!**

Use the Garden Seat to sit comfortably while doing weeding or household chores. Flip it over as a padded kneeler when you need to get near the ground.

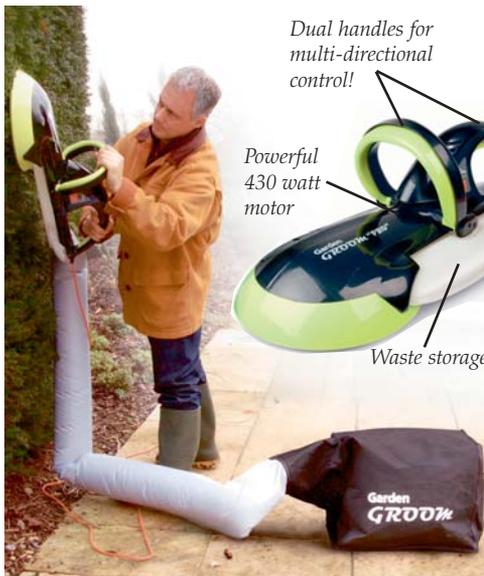
The extremely sturdy steel bars hold your weight easily and make pulling yourself up a breeze. When not in use, it folds compactly to 11" x 24-1/2" x 5" for easy storage.

The 3/4 inch thick foam pad on two sides provides added comfort for both your backside and your knees. Measures: 23.5" wide, 17" seat height, 4.5" kneeler height. Holds 225 lbs.

- HF-34 Garden Kneeler/Seat \$39.95

**Never pick up clippings again!**

Give your back a rest with the lightweight **Garden Groom trimmers**. Stores shredded debris in the on board collection container as you trim—holds 64 - 70 sq. ft. of waste! For bigger jobs, use the **FREE** volume collection bag and store 10x more waste! Clippings are an excellent addition to compost. The 6 lb. **Garden Groom Midi** is ideal for precise trimming and shaping up to 1/2" diameter branches. For trimming large hedges, up to 3/4" diameter branches, use the 7.5 lb. **Garden Groom Pro**. Concealed rotary cutting head and two-handed operating system of both models provide precise control and safety.



Dual handles for multi-directional control!

Powerful 430 watt motor

Waste storage

- HT-31M Garden Groom Midi, 300w motor \$149.95
- HT-31P Garden Groom Pro, 500w motor \$199.95



**Work with ease!**

The ergonomic design and non-slip, comfort grip of **Radius™ garden tools** makes gardening easier. Energy from large muscles of the upper arm transfers directly to blade edges to maximize power and comfort and minimize hand and wrist stress. Super lightweight aluminum/ magnesium serrated blades easily slide through compacted earth to pull roots or cut stems. Curved fulcrum pops out deep, tough weeds. Bright green handles are easy to see.

- HT-33 Trowel (3.25"W x 11.75"L) \$12.95
- HT-34 Bulb Trowel (2.75"W x 14.75"L) \$12.95
- HT-35 Weeder (2.75"W x 14.75"L) \$12.95
- HT-36 Cultivator (3.375"W x 13.375"L) \$12.95
- HT-37 Set of 4 tools \$46.62—SAVE 10%



**NEW! The best all-purpose tool!**

Similar to the Japanese HoriHori knife but upgraded with an ABS plastic handle and stainless steel blade. The 6.5" concave blade is sharp on one edge for cutting and serrated on the other for sawing through thick roots. Perfect tool for cutting roots, transplanting, dividing plants, and digging in rocky soil. Comes with incredibly durable ballistic nylon, pouch designed to slide a belt through for easy carrying.

- HT-158 Zenbori Knife \$19.95



Sun & Moon

## Make decorator stepping stones!

Designed by an artist, these hand crafted molds allow you to make multiple gorgeous stepping stones to add charm to your yard. Thick, durable .07 inch polystyrene ensures many pours per mold. All finished stones are a sturdy 2 inches thick, and measure 15-16" in diameter. That's enough room for every shoe size! All you need is concrete to start saving hundreds of dollars by making your own decorator stones.

Add earth-tone pigments to your concrete mix to create a variety of beautiful, natural colors. Made in the USA with recycled plastic.

### Stepping Stone Molds

HG-52	Fish In Water	\$24.95
HG-53	Celtic Round	\$24.95
HG-51	Hummingbird	\$24.95
HG-54	Celtic Square	\$24.95
HG-50	Sun & Moon	\$24.95

### Iron Oxide pigments

HG-55	Green Pigment	\$15.00
HG-56	Brick Red Pigment	\$15.00
HG-57	Buff Pigment	\$15.00



Celtic Round



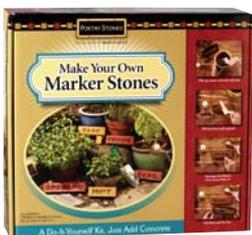
Fish In Water



Celtic Square



Hummingbird



Larger molds online.  
Item HG-32

## Create your own stone garden markers

Make beautiful markers for your plants, it's easy! Just mix the concrete and tint, fill the rectangular form, smooth, press in the letters and let dry. The durable markers can be left out all year to remind you where your perennials will emerge. Each kit comes with 42 3/4" reusable press-in upper case letters, numbers, and punctuation, as well as plastic trowel, 4 rectangular concrete forms, 1" deep, 2" high and ranging in length from 4" to 14", concrete tint, form for making display stands and instructions. Purchase bags of concrete at any hardware store, it's cheap and plentiful.

HG-30 Stone Garden Markers \$20.00

## Create an instant tranquil garden feature!



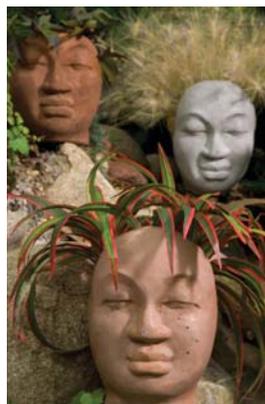
Relax in your garden to the mesmerizing rocking motion and the tranquil sound of bamboo striking its destination. Easy installation; no tools needed. Includes submersible pump, installation instructions, as well as design hints and tips. Three sizes: 6", 12" and 20" tall.

HG-81-6	6" Rocking Fountain Kit	\$39.95
HG-81-12	12" Rocking Fountain Kit	\$59.95
HG-81-20	20" Rocking Fountain Kit	\$79.95

## Quick and accurate pH reading

Accurate pH and moisture meter for serious gardeners. Until now, growers with the need to keep careful tabs on the pH of their soil have had to rely on cheap, poor quality meters. This meter is the best of both worlds; manufactured to high quality standards at a reasonable price. Easy to read dial. No batteries required. 2"W dial x 6.5"L.

HS-39 pH/Moisture Meter \$64.95



## Add character to your pot with a Stone Face

Made to look like the concrete bust of a classic figure, do it yourself **Stone Faces** are lightweight and inexpensive. Each kit includes a face mold, two-pound bag of concrete, concrete tint and complete illustrated instructions. Just add water, scoop the mix into the mold and nest a 6-inch terra cotta pot next to it. As the concrete cures, the face of a Greek god or

serene Buddha bonds to the pot, creating a planter. Give your planter attitude by toying with wild, colorful flowers; elegant, flowing foliage; or seriously spiky blades. Durable mold can be used repeatedly to create planters, or it can be used without a pot to create bookends, ice sculptures, door stops or other unique face ornaments.



HG-31SB	Serene Buddha	\$20
HG-31GG	Greek God	\$20

See Greek God mold online.

## NEW! Three-way meter: Measure moisture, pH and light



Gardeners can conveniently test their moisture, light, and pH levels with the handy 3-Way Meter. Moisture readings register on a scale of 0 (dry) to 10 (moist), light readings range from 0 (low light) to 2000 (very strong light), and pH readings between pH 0

(acidic) and pH 10 (basic) are represented. The durable, easy-to-read tester is suitable for indoors or out and requires no batteries to operate. 7" probe.

HS-34 Moisture, pH and Light Meter \$14.95

**Forget about watering!**

Watering your containers and hanging baskets has never been so easy. Save water and time because with the



**Rain Gel-Jector** you water only once a week or less. Inject this innovative potassium-rich gel directly into the soil with your standard household caulk gun (not included), then water liberally. Plants' roots seek reservoirs created by the gel. It's safe and easy to use. One application lasts an entire season. Perfect for established plants — especially those wintered over in a greenhouse! Set of 2, 11.6oz.

**HW-21 Rain Gel-Jector (set of 2) \$14.95**



**Water your plants automatically!**

Traveling? Too busy? Keep your indoor and greenhouse plants thriving no matter where you are. This easy-to-use automated

plant watering system faithfully waters up to 20 pots for 40 days.

Four different watering programs

precisely control dripping. No faucet hook-ups or electricity required — it works with a 9V battery (not included) for a whole year! Clean, compact design looks great, and you'll feel wonderful knowing your plants are cared for while you are away from home. This practical system also includes 32' of tubing, 20 stakes and drippers. 13" square.

**HW-60 Oasis Watering System \$99.95**



**Staff Pick**

*Take a worry-free vacation!*



**NEW! Save water and keep your plants alive... even during water restrictions!**

Your plants prefer fresh, untreated rainwater for the purity and mild temperature, plus the water is FREE! These attractive, heavy-duty wood rain barrels are made from Torrefied Canadian Spruce. The Torrefication process removes 100% of the moisture, so the wood will not warp, rot, or be destroyed by termites for 15 to 25 years.

Rain water enters your home's gutter downspout and is collected through an in-line connector (must be installed) with overflow switch. Lid fits snug to prevent mosquitoes and other insects from entering.

Includes solid brass tap to attach a hose. Choose from Round: 67 gal, 21" dia. x 41" h or Square: 70 gal, 20" sq. x 40" h.

**HT-127 Eco Rain Barrel, Round \$275**

**HT-128 Eco Rain Barrel, Square \$275**



**NEW! Turn your fan into a cool mister!**

The 11" Microline Fan Ring effectively enhances the cooling power of any regular outdoor fan (with a diameter greater than 13"). Simply attach to the safety cage to turn your regular fan into a powerful cooling mister! Includes 11" diameter ring, 5' of supply line, 3 misters, and fastening ties. Attaches to any standard garden hose or spigot (3/4"). Made of 1/8" polyethylene tubing.

**HW-74 Fan Misting Ring \$19.95**

**Staff Pick**



**Beat the heat with a cool mister!**

Cool your greenhouse (or patio) up to 30°F with soothing mist. Simply connect the misting system to

any outdoor faucet (installs in minutes) and instantly feel relief from the heat. Refreshing mist keeps your greenhouse comfy while consuming under a gallon of water

per hour per nozzle. The UV-resistant, reinforced tubing lasts for years. Kit includes 10' of leader line, 12' (22' deluxe kit) of mist line, 6 (11 deluxe kit) misting nozzles and mounting brackets.

**HW-70W Misting System \$29.95**

**HW-69W Deluxe Misting Kit \$39.95**

Personal Mistlers available online. Great for seedlings and personal cooling!



**Staff Pick**

**The watering wand everyone loves!**

Our top-of-the-line watering wand is so easy to use you can focus more on the delightful scents and sounds in your garden rather than hassling with the task at hand. The 180 degree pivoting head telescopes from 36" to 53" enabling you to effortlessly reach all of your plants — from floor to hanging baskets. The zinc on-off valve and ten different patterns allow you to easily adjust for perfect water flow — from fine mist to full flood. And with the flexi-grip handle, designed for superior comfort and hold, watering won't feel like a chore at all! Color may vary.

**HW-10 Telescopic Water Wand \$25.95**

Find more watering wands at [www.greenhousecatalog.com](http://www.greenhousecatalog.com)

# Grow Lights

## LED lights will change the way you grow!



Encourage robust plant growth with **LED Gro-Bar lights!** Emits only the precise light spectrum required for healthy and rapid growth, consuming 96% less energy than standard grow lights with a 100,000 hour bulb life! Better for the environment and for your pocket book!

Lightweight and easy to operate and install. Measures 22"L x 2.5"W x 1.25"H. Power up to four Gro-Bars from one power supply.

The **Original Gro-Bar** is equipped with 3 low-light LED clusters for vegetative growth; suitable for lettuce and seedlings. The **Pro-3 Gro-Bar**, has 3 high-intensity LED clusters with extra blues and deeper reds to encourage robust, compact growth and active blooming. The **Pro-5 Gro-Bar**, with 5 LED clusters, produces almost 100% more light than the Pro-3 for only 15% more cost. Run them constantly with no effect on your electric bill! It's the highest performance, most spectrally rich plant light source in the world! Use a **SunMount Frame** to mount up to eight Gro-Bars side by side for increased productivity.

- HL-82 Original Gro-Bar \$199.95
- HL-83 Pro-3 Gro-Bar \$259.95
- HL-84 Pro-5 Gro-Bar \$299.95
- HL-85 SunMount Frame \$59.95

*Specify power supply cord or interconnect cable (to join Gro-Bars to a shared power supply) with each Gro-Bar unit ordered. Add \$12 for interconnect cable.*

More LED lights, page 2



## Easy-to-adjust T5 light system

Grow plants from seeds or cuttings anywhere. Toggle clamp lets you adjust the light to any height. Lower it down to keep it an inch above your seedlings and raise it up to the precise height needed as they grow. Green powder-coated steel frame is 31" tall by 50" wide. Full

spectrum T5 light grows seedlings faster with 15-20% more lumens, while the aluminum fixture directs more light to plants. 6' grounded cord with on/off switch.

- HL-40 4 ft. T5 Grow Light \$89.95

## Grow Light Spotlight

Easily add full-spectrum light anywhere in your home! Spotlight a treasured orchid or bring your favorite bonsai indoors! The attractive black grow light fixture has an easy access on/off switch for your convenience. Padded clamp and pivoting head let you easily adjust the light as needed. Available in 150 watt (8.5" diameter x 7.25") or 60 watt (5.75" diameter x 6.5"). 5' cord. Bulb included.

- HL-70 60 watt Light \$23.95
- HL-71 150 watt Light \$29.95



## Grow UP and save space!

Free up space on your window sills and start seeds indoors. This space-saving design lets you showcase dozens of plants with 4-tiers of growing space. Wide-spectrum fluorescent lights (included) assure lush plant growth, and the locking knobs let you easily adjust the lights up as your plants grow. Heavy-duty 3" wheels provide smooth rolling to the best location year-round.

*Includes 4 fixtures (2 fixtures in two-tier system), each with two 20 watt wide-spectrum lamps and 11" x 22" heavy-duty plastic trays for each tier. 74"H x 27"W x 12"D. 2-tier system is 40"H x 27"W x 22"D.*

### Aluminum Finish

- HL-55-A 2-Tier Grow System \$239.95
- HL-56-A 4-Tier Grow System \$449.95

### Brown Finish

- HL-55-B 2-Tier Grow System \$259.95
- HL-56-B 4-Tier Grow System \$489.95



## More light output with less energy!

Give your plants a boost with brilliant full-spectrum light! Innovative T-5 fluorescent lights are excellent for growing all types of plants indoors. Thinner, lighter and more efficient, one T-5 high-output lamp produces virtually double the light output as other fluorescent lamps.



High Output T5 - 4 light

Our **High Output T-5 light** utilizes 54-watt T-5 fluorescent lamps (included). Durable, heavy-gauge steel fixture comes with a **protective cage** over the lamps, so you don't have to worry about breakage. An innovative fastener allows easy access to change the lamps. The fixture can be pendant/hook or chain hung. HL-15 measures 14.4"W x 4"H x 49"L, HL-16 measures 20.5"W x 4"H x 49"L.

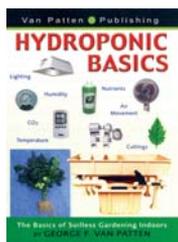
- HL-15 High Output T5 - 4 light (includes lamps), \$299.95
- HL-16 High Output T5 - 6 light (includes lamps) \$425.95
- HL-18 High Output 54 watt Lamp, 4680 lumens \$12.95



Hang light under a bench to maximize growing space.

For small spaces, the waterproof **Low Profile Light** utilizes two 28-watt fluorescent T-5 lamps (included) in a waterproof, dustproof fixture that is excellent for humid areas. The enclosed light can be surface mounted or suspended with suspension levers. 4.3"W x 4.3"H x 49.5"L.

- HL-17 Low Profile T-5 (includes lamps) \$169.95
- HL-19 T5 High Efficiency 28 watt Lamp, 700 lumens \$12.95



## Hydroponics Basics Book

This straightforward mini booklet is packed with useful information on hydroponic gardening. The

graphic color, layout and design help guide you through basic plant science and environment to purchasing plants and appropriate supplies. Learn to successfully grow hydroponically from beginning to end. 4.25"x5.75". 80 pages.

**HB-160 Hydroponic Basics \$4.95**



## pH Control Kit

Easily maintain the ideal pH level (between 5.5 and 6.5) to assure higher growth rates, higher yields, and healthier plants. Comes in a handy carrying case with everything you need: 1 oz concentrated pH Test Indicator (only 3 drops needed per test), pH Up (8oz) and pH Down (8oz), dropper for accurate dispensing, test vial with snap-tight cap, and easy-to-follow instructions and color chart.

**HS-102 pH Control Kit \$16.95**

## Perfect for beginning HYDROPONICS!

This extremely popular and reliable system has proven itself over the last 25 years, and now you can have the same success in your home!

Get all the great features of large hydroponic systems at a lower cost and easier to use design, without sacrificing quality or performance. Grow one large plant or up to five small plants — the system increases oxygen to the roots for vigorous growth and healthier plants. You will be amazed at how fast you can grow lush plants with higher yields than growing in soil!



## WaterFarm Complete

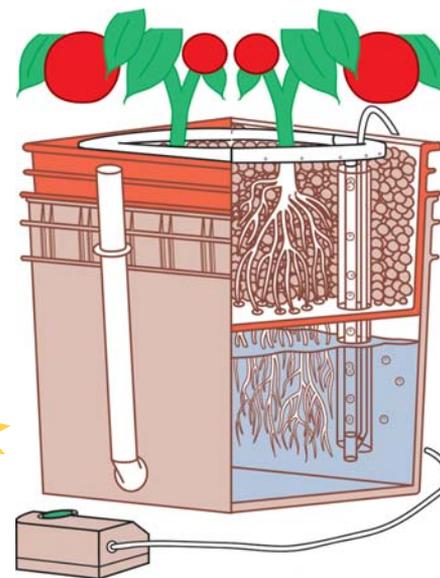
The compact **WaterFarm Complete** comes with everything needed to start a hydroponic garden:

hydroton (grow media), Quiet elite 800 air pump with limited lifetime warranty, Flora series nutrients, one two gallon growing chamber, a four gallon reservoir, and instructions. 10" sq. x 15"h.

**HS-135 WaterFarm Complete \$69.95**

**HS-135D Deluxe WaterFarm Complete \$91.85**

*Deluxe kit includes pH Control Kit and Hydroponics Basic booklet (shown left).*



## Ultra WaterFarm Complete

Bigger is better! Manage 8 WaterFarms with minimal effort. Includes 8 WaterFarm units PLUS a general hydroponics controller (13 gal reservoir and 8 gal controller), 50 liter hydroton and dual-diaphragm pump.

**HS-135H Ultra WaterFarm Complete \$549.95**

**HS-135HD Deluxe Ultra WaterFarm \$571.85**

*Deluxe kit includes pH Control Kit and Hydroponics Basic booklet.*

**WaterFarm Complete times eight!**

## Aeroflo Hydroponics – amazing growth and yields!

Aeroflo super-oxygenates the nutrient solution to deliver oxygen, water and nutrients in ideal combinations, creating a root zone environment that surpasses anything found in nature. The results are larger yields and stronger more resistant plants. Aeroflo Hydroponic systems come complete with everything needed to start growing: FloraSeries nutrients, hydroton, 3" net cups, coco cup liners, pump, 17 gallon reservoir, support structure and manifold. Best suited for compact plants like lettuce, pepper and herbs that do not grow taller than 3 feet. Recommended for intermediate to advanced growers.

**HS-54 Aeroflo-18 Hydroponic System, 2' x 5'2" \$429**

**HS-55 Aeroflo-30 Hydroponic System, 2' x 7'4" \$559**



## Grow big and healthy!

The perfect trio for hydroponic growers! A convenient three-pack of our top liquid fertilizers for hydroponics: **Big Bloom™**, **Grow Big®**, and **Tiger Bloom®**.

Use them in sequence for brilliant blooms and luscious fruit all season long. Start with **Grow Big®** Hydro for abundant green growth. Switch to **Tiger Bloom®** at the first sign of bud set or flowering. Use **Big Bloom™** throughout all growing cycles to heal root systems and increase nutrient cycling. Ideal for mature, late-season flowers and fruit. 1 qt. each.



**HS-95 Fox Farm Hydroponic Trio \$44.95**



## Discourage hungry deer, elk and rabbits from grazing on your garden plants.

This organic repellent is effective, long lasting, easy to use and economical. Clip one or more of the repellent units onto a plant, fence or stake, and break the seal to release the odor of garlic, which critters can't stand. Strong-smelling garlic oil and chili peppers will repel animals up to 83 feet away. Units keep working for 6 to 8 months, even after rain. Repellent is made of organic, food-grade ingredients, and biodegradable plastic components.



**HP-50 Plant Pro-Tec (set of 12) \$17.95**



## Control annoying greenhouse pests safely and easily

This safe, naturally-based pest control system effectively traps insects without the use of conventional pesticides. Pheromones chemically attract insects while color further lures them into the trap. The extra-strong vegetable-based glue sticks to bugs. Four complete traps give you up to 3 months of pest control.

**HP-17 Insect Trap \$4.95**

More pest control options online



## Organic herbicide — the cure to your weed woes!

Extremely effective and safe — Nature's Avenger® Organic Herbicide is a natural citrus oil-based alternative to synthetic herbicides. When applied, its degreasing properties strip off the weed's waxy cuticle and dehydrate the plant for fast acting, visible results in 2 hours or less! Emulsion technology lets you see where you've sprayed. Highly biodegradable and works in cool and cloudy conditions (as low as 40° F). Sprayed areas can be planted within hours. 1 gal concentrate.

**HT-105 Natures Avenger \$55.95**



Winner of the Green Thumb award!



## Control pests with Beneficial Insects!



There is no safer way to take care of garden pests than fighting back with natural predators. Beneficial insects help to restore balance in your garden and greenhouse as they feed on out-of-control pest populations. Use **Ladybugs** to fight aphids, corn borers,

cabbage loopers, spider mites, scale and thrips. **Praying Mantis** are especially effective against flies, mosquitoes, bees, wasps, crane flies, grasshoppers and crickets. **Beneficial Nematodes** tackle any pest that spends part of its life cycle in the soil, including over 250 soil dwelling pests such as root weevils, crane flies, grubs and fleas. *Shipping to lower 48 states only.*



**HP-52 Lady Bugs (about 1500) \$9.95\***

**HP-53 Praying Mantis (about 200 eggs, available Jan-May) \$9.95**

**HP-54 Beneficial Nematodes (about 5 million) \$19.95**

*\*(add \$12 additional shipping to ladybug orders. Ship 2-day air)*



## Natural and organic pest/fungus sprays

100% PURE! Just spray on plant leaves when you first notice a problem — or use weekly to prevent problems. Designed for family safety and environmental harmony, these organic sprays are pure and natural, food or pharmaceutical grade. Highly effective glycerin-based soaps control thrips, aphids, spider mites, whiteflies, scales, leafhoppers, earwigs, and more. Contains organic peppermint oil and pure garlic to control pests and diseases on vegetable plants. 35 oz ready-to-use spray bottle.

**HP-11 Veggie Pharm Insecticidal Soap \$12.95**

**Find additional specialized sprays online!**

## Let fresh air in. Keep bad bugs out!

*Hands free screen door!*

Simply install this durable screen on your greenhouse door (or any 36" wide door) to keep bugs out while letting fresh air in! Enjoy the magnetic hands-free entry and exit for you, children, guests and even pets. Walk through with your hands full of plants and the screen quietly snaps closed behind you! Leave it up all year or store it at seasons end. Installs in minutes. No tools! No hassle! No damage to your door frame. Adjust from 78" to 80" in height.



**HV-36 Self-Closing Screen Door \$39.95**

## Turn kitchen scraps into rich fertilizer!



### Make soil-enriching vermicompost

Leave it to the worms to produce nutrient-rich, organic fertilizer from your kitchen or paper scraps! Worms live, eat, multiply, and work their way up the 4 canister system leaving their rich, odorless worm castings behind in the bottom. Add the contents to your garden and improve soil structure, aeration, and water retention—your plants will love it! A spigot fitted on the bottom tray makes collecting the liquid fertilizer a snap. The legs put the worm bin right at the perfect working height. High volume, 29" T x 19.5" diameter composter holds up to 20,000 worms (sold separately). Includes how-to book. Made of recycled plastic.



**HT-63 Can-O-Worms \$135.95**  
(Add \$10 additional shipping)

**HT-77-1 1 lb Redworms \$29.95**  
(approx. 1000)

**HT-77-2 2 lbs Redworms \$39.95**  
(approx. 2000)

**HB-19 Book of Compost \$9.95**

Additional worm bin option, page 36

### Make rich garden compost faster

There's no better way to smother weeds, retain moisture and pamper plants than with a top dressing of rich, dark compost. Toss in kitchen, lawn and garden scraps and in as little as 21 days you'll have nutrient-rich compost... *four times faster than traditional methods!* No heavy forking or complicated layering techniques—just give it a daily spin! Air and moisture are evenly distributed, creating ideal conditions for rapid decomposition. Easy-lock lids on both ends make loading and unloading easy. Complete instructions included. Compact 46"H x 26"W x 34"D. 58 gallon, 8 cu. ft capacity.

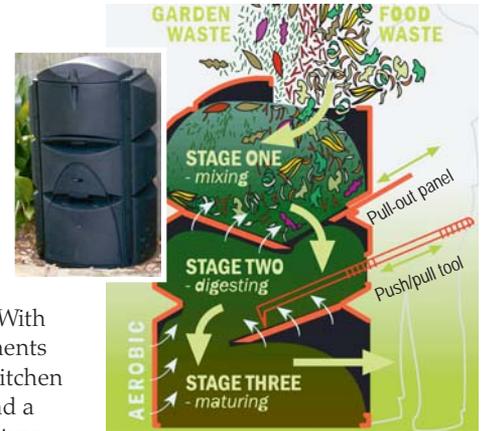
**HT-130 Tumbleweed Composter \$199.95**  
(Add \$15 additional shipping)



### Innovative Composting

*Have a constant supply of compost with no lifting or turning!*

This multi-chamber composting system uses gravity rather than hard labor to produce great compost. Less sophisticated composters require separate bins to allow proper maturation, along with lots of turning to speed the aeration process. With the Earthmaker, three tiered compartments within the unit allow a daily input of kitchen or garden waste in the top chamber and a monthly supply of 5 to 8 gallons of mature compost from the lower chamber. The natural aerobic process draws air up through the material—so there's no smelly, anaerobic rotting mess! 16.5 cu ft. capacity, 47" tall x 30" round. Add redworms to accelerate the compost process!



**HT-135 Earthmaker \$279.00**

More composters available online



### Odor-Free Compost Bucket!

Easily accumulate all your vegetable waste, coffee grounds, tea bags, eggshells and peelings and make fewer trips out to the compost bin with this attractive odor-free bucket! The kitchen compost bucket has an

charcoal activated filter in its lid to neutralize odors. Each filter lasts 3-4 months with replacement filters available in packs of 6. Tapered design is 8" x 6½" at the top and 12½" tall. Convenient carrying handle. 2½ gallon capacity.

**HT-85 Compost Bucket \$12.95**

**HT-86 Six Replacement Filters \$8.95**



### NEW! Earth-friendly, biodegradable compost bucket liners

Line your kitchen compost pail with 100% biodegradable Bio Bags. Just toss the bag and its contents into your compost bin when it's full. You don't have to scrape and scrub your messy pail or carry it out to the compost bin. Great for storing fresh produce too! The breathable walls allow moisture to evaporate, keeping refrigerated produce crisp and fresh. 100, 3 gallon bags.

**HT-139 100 Bio Bags \$24.95**



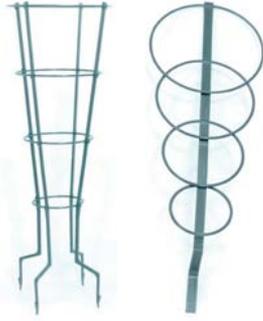
### Ceramic Compost Bucket

This kitchen composter blends in nicely with any kitchen to store your peelings, egg shells, coffee grounds and vegetable scraps until you have time to take them to your garden composter. The white ceramic compost pail

holds up to one gallon of food scraps, while the tight fitting lid contains a charcoal filter for odor-free use. Sturdy stainless steel handle. 10.5"h x 8" diameter. Perfect to use with your worm bin!

**HT-115 Ceramic Compost Keeper \$29.95**

**HT-116 Two Replacement Filters \$4.95**

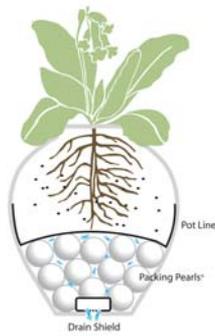


Folds easily to store!

**NEW!** Easily support your tomatoes year after year

Count on season after season of solid support and easy storage with DURA-CAGE™. The design makes it easy to access your plants while supporting even the heaviest of vegetation (tested to hold over 50+lbs). No bends, rust, or breakage like other cages and supports. Installation is a breeze! Simply insert the barbed feet into the ground and you're done. The legs easily move around the rings to conveniently fold and store until the next season. Available in sets of 2 or 4.

- HP-34 Dura Tomato Cage (set of 2) \$34.95
- HP-35 Dura Tomato Cage (set of 4) \$65.95



**NEW!** Lighten your container regardless of the shape!

Save money on soil and take the load off your pots with lightweight Packing Pearls. The 2 1/2" diameter pearls conform to fill all shapes and styles of pots. An air and water permeable liner keeps the dirt in your pot and your plant roots healthy. Easy 3-step process: insert drain shield, fill 1/3 full of pearls, cut the liner to fit and your ready to add soil and plants. FDA approved safe for plants and vegetables! Choose from two sizes. S/M for up to 16" wide pot, includes 50 pearls and 18" x 18" liner, M/L for up to 22" wide pot, includes 80 pearls, 24" x 24" liner.

- HT-125 Packing Pearls S/M \$19.95
- HT-126 Packing Pearls M/L \$29.95



**NEW!** Create a time-lapse video of your garden

Capture the growth of your garden from the emergence from the soil to the surrender of the last petal with the weather-resistant Garden Watch Cam. This easy 1.3 megapixel camera takes high quality time-lapse photos of your garden at predetermined times for months. Not just gardens...

anything that experiences change over time can be captured. High quality lens adjusts from 20 inches for close ups (like a flower blooming) to infinity. Choose between 7 built-in time settings or customize. Works silently and effortlessly. Includes 2GB USB flash drive, software, flexible ground stake and tripod mount. Size: 2.08"D x 3.66"W x 7.55"H. Requires 4 AA batteries (not included).



- HG-33 Garden Watch Cam \$159.95
- Time-lapse video demonstrations online*



**Accelerate plant root growth with the ultimate pot!**

A unique advancement in container technology! The **Smart Pot** prunes roots as they reach the pot sides to spur horizontal root branching. A highly branched, fibrous root structure is the key to growing a better plant — with more flowers and fruits,



and more resistance to insects and diseases. The soft-sided, light-weight fabric container makes it easy to lift and move your containers. Collapses for convenient storage. Sold in sets of 3.

- HS-111-10 3 gallon Smart Pot, set of 3 \$14.95
- HS-111-12 5 gallon Smart Pot, set of 3 \$17.95
- HS-111-14 7 gallon Smart Pot, set of 3 \$21.95
- HS-111 Smart Pot, 1 each (3,5, and 7 gallon) \$17.95

**Hall loads without the mess!**

Removable full protection cargo liner for SUV, Mini Van, Crossover, and hatchback vehicles. Box design protects forward seat backs, interior side walls, floor, bumper, and inside of rear door. Install and remove in less than a minute. Waterproof and tear-proof, withstands the toughest loads. Sized for vehicle cargo areas 57" to 73". Folds to a compact 17" x 22" x 1" size for storing, 2.2 lbs.



Note: Car must have grab handles or garment hooks above both rear passenger doors for attachment.

- HT-107 Tarp Liner \$39.95

**Loaded with Phosphorus!**

Packed with phosphorus, bat guano is perfect for gardeners who want the extra strength of this single, powerful ingredient. Delivers spectacular flowers, sweeter fruit, and multiple bud set. An additional 20 species of beneficial microbes help convert fertilizers into vital plant food and fight off disease.

- HS-97 Bat Guano \$14.95



### Heavy lifting is a cinch!

Easily transport plants around your yard!



Easily transport up to 200 lbs!

handles let two people safely tote that bulky item to its new location. Folds conveniently into its own drawstring pouch for storage. Lifetime manufacturer's warranty.

**HT-17 PotLifter \$25.00**

### The perfect solution for pots on a slope!



Straighten up those tilted pots! Containers that sit on sloped ground look goofy and often lose soil. The Pot Leveler can

remedy the problem. Swivel the two wedged discs to build up one side enough to accommodate up to an 8° slope. Made of durable UV-resistant polymer, the Pot Leveler can support containers with bases from 8-to 14-inches and weighing up to 800 lbs. Vented design allows good air circulation and drainage to protect your deck or patio from staining. Pot Levelers are cement color (not shown) and can be painted to match any pot. 12" diameter.

**HT-45C Pot Leveler \$11.95**



### Garden on wheels — a rolling, stacking planter

Fill this unique, rollable stacking planter with beautiful flowers, an herb garden, strawberry patch, or let your imagination grow wild. Four tiers of interlocking planting pockets (approx. 6" x 5") create space for 20 plants in a compact unit (23" x 23" and 14" high). Rolls on four easy-glide wheels for convenient moving. It even collapses for compact storage. Made of tough UV-protected plastic, it's rugged and practical. If one planter doesn't fulfill your needs, stack two planters — double your growing capacity and create a stunning display! Choose from colors Terra Cotta (shown), Green, Sand or Red.



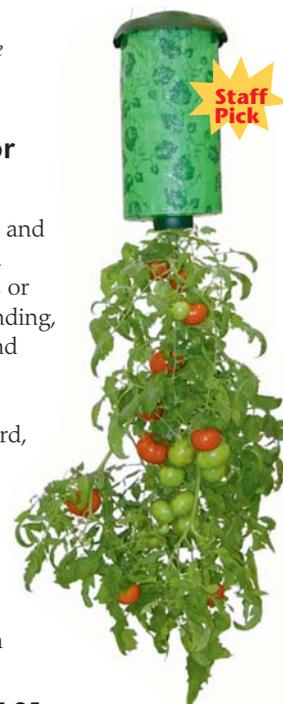
**HS-53 Stack & Grow Planter \$39.95**

Specify color choice when ordering. See color choices online

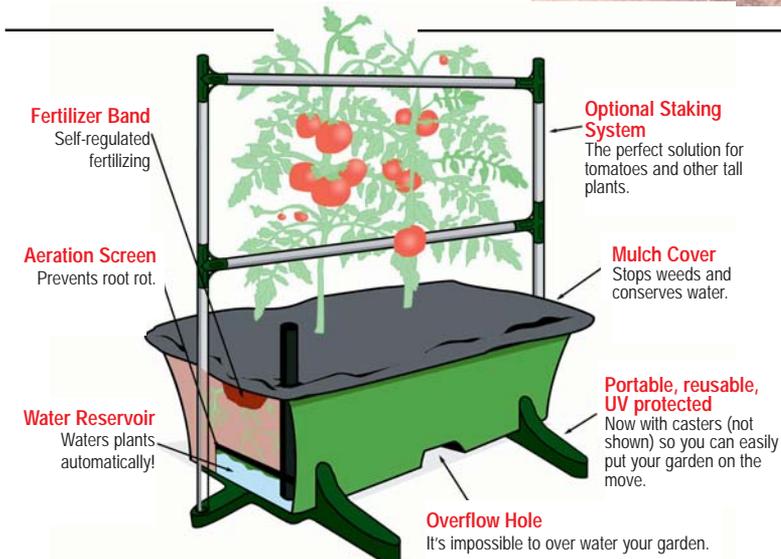


### Grow upside-down for an easy harvest

Grow your tomatoes, flowers and vegetables upside down! You won't miss digging, weeding, or tying up. No stooping, no bending, no stakes, no cages, no ground insects or cutworms to worry about. Flowers grown in the **Topsy Turvy** will turn upward, seeking the sun, in unique spaces and patterns. Works great for cucumbers and peppers too. Water and fertilize through built-in top funnel. Detailed instructions included. Makes a great gift!



**HS-80 Topsy Turvy™ \$15.95**



Includes: EarthBox®, aeration screen, water fill tube, 2 fitted covers, 4 casters, 20 oz. bag of 6-8-10 fertilizer, and 16 oz. bag of dolomite with trace elements.

### A perfect container garden for bountiful yields!

The portable **EarthBox®** high-tech growing system produces big, tasty garden produce almost anywhere — and it's easy! Fool-proof instructions explain exactly how to set up and use the EarthBox®. Pack it with potting soil, plant seedlings through the flexible cover, fertilize once and fill the 2.2 gallon water reservoir. That's it!

Moisture and fertilizer are wicked to your plants as needed, eliminating over- and under-watering. The award winning EarthBox® is big enough for most plants and compact enough for the deck or patio. Made from thick, recycled, UV protected plastic. You can reuse your soil when you're done, simply add the Earth Box Replant Kit. 29"L x 13.5"W x 11"H

**HT-67 Earth Box\* \$55.95**

**HT-68 Staking System\* \$39.95**

**HT-69RK Replant Kit \$11.95**

\*Specify green or terra cotta when ordering

Sign up online for our newsletter to receive helpful greenhouse gardening tips and special offers!

### Greenhouses and Cold Frames

**SHIP FREE!** (in the lower 48 states, see page 18)

Key Code

CS0310

Customer No.

## We're happy to help you find the best greenhouse for your area.



**4<sup>season</sup>** **Four Season Greenhouses** perform great all year. They are easy to ventilate, so they won't overheat in the summer. Use as a season extender, or heat and cool for use year round. **Pages 3, 6-14.**



**3<sup>season</sup>** **Three Season Greenhouses** work well in most climates from fall through spring. These insulated structures can be heated so you can keep growing through the winter. **Page 15.**



**2<sup>season</sup>** **Two Season Greenhouses** help keep frost at bay to add a few weeks to the growing season. Useful for overwintering in very mild climates. Heating not recommended. **Pages 15, 19-21.**



### Germinate seeds faster!

Gentle, even bottom warmth encourages faster germination, more successful starts, and less transplant shock. Keeps soil 10-20 degrees above ambient temperature or use the optional Heat Mat Thermostat to maintain temperature between 68° to 95°F for sensitive seedlings. Waterproof heat mat includes lighting and watering instructions printed right on the mat for a handy reference. The 9" x 19.5" mat is the perfect size to start one flat of seeds.

- HS-20 9" x 19.5" Seedling Heat Mat, heats 1 flat \$29.95
- HS-21 20" x 20" Seedling Heat Mat, heats 2 flats \$49.95
- HS-22 48" x 20" Seedling Heat Mat, heats 4 flats \$84.95
- HS-23 Heat Mat Thermostat\* \$39.95

\*Heat Mat Thermostat controls up to 4 heat mats.

[More Seed Starting Supplies, page 5](#)



*Designed at a convenient working height and with improved venting*

### NEW DESIGN! Space saving Worm Factory 360®

Worms digest up to eight pounds of kitchen scraps per week in this fast, efficient, mess-free, and odorless system. Worms move up the levels, leaving rich castings behind for you to use in your garden. A spigot fitted on the bottom tray makes collecting the liquid fertilizer a snap. Includes start-up bedding kit, 4 stacking trays and collection base, hand rake, scraper, thermometer, and detailed information on worm care. Just add redworms (see below). 18" x 18" x 24"H.

- HT-142 Worm Factory 360® \$119.95
- HT-77-1 1 lb Redworms (approx. 1000) \$29.95
- HT-77-2 2 lbs Redworms (approx. 2000) \$39.95

[More Composting, page 33](#)