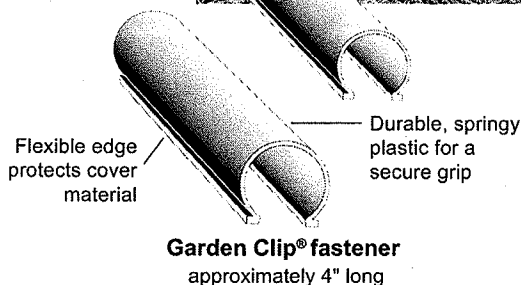
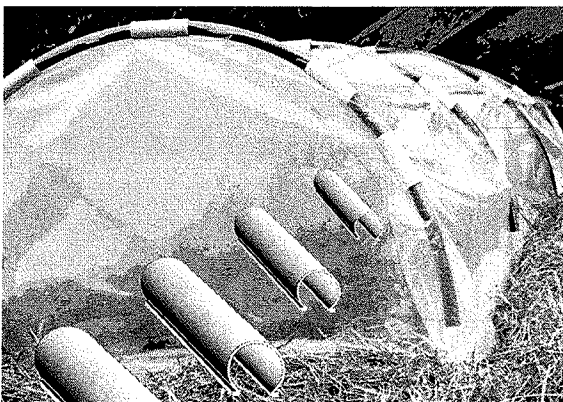


Introducing

THE GARDEN CLIP GREENHOUSE™

- Assembles in minutes • No tools required • Have a virtually year round garden •
- The perfect answer for the beginning or experienced gardener •
- Withstands high winds • Easy access to your plants •

**Clip on a Cover
and Protect
Your Plants!™**



**For Better Starts
and
Bigger Harvests!™**

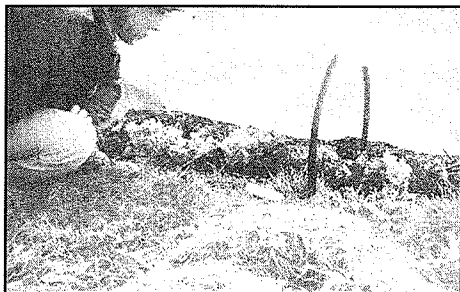
The Garden Clip Greenhouse™ is an economical bed cover for gardens.

Our special Garden Clip® fasteners hold greenhouse film (plastic sheeting) and other coverings onto pipe hoops.

This sturdy structure will stand up and protect plants in heavier winds, rain, hail, and snow than most bed covers.

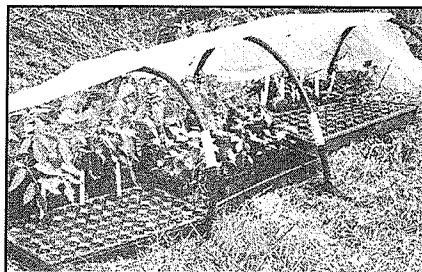
Durable components will last for many years of summer sun and winter freezes.

Frost—Lettuce was protected from a March 1st frost—look at the mulch!



Seedlings and Transplants

receive good protection under the cover.



Open Your Cover—snap off a few clips, fold back the plastic, and reach in to harvest or work with your plants.



How Much Warmth Does a Garden Clip Greenhouse Provide?

While there are several variables—is it sunny or cloudy, is it windy, and how tightly is the cover closed - with a greenhouse film (plastic) cover and containers of water inside to provide thermal mass, our testing shows:

Clear Spring night outside 32°F

—In the Garden Clip Greenhouse 50°F

Cloudy Spring day outside 55°F

—In the Garden Clip Greenhouse 75°

Rainy and Windy Fall day outside 55°F

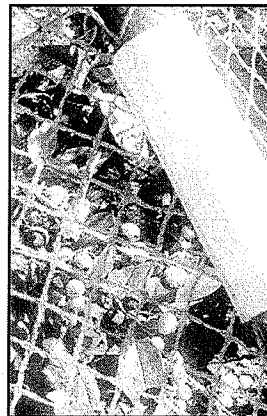
—In the Garden Clip Greenhouse 65° and dry

Foggy Fall night outside 32°

—In the Garden Clip Greenhouse 45°F to 50°F

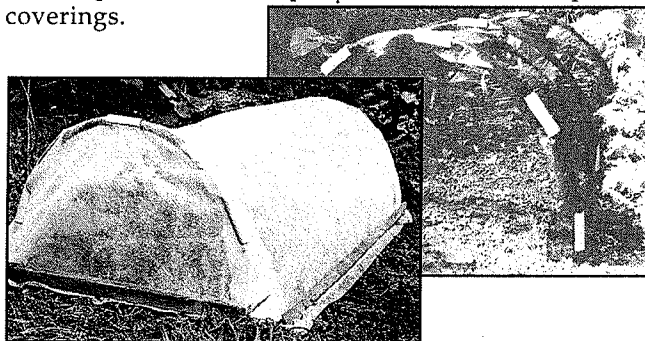
Bird Netting

Just a few clips stretch netting over the pipe frames. We prefer netting made from coarse strands—it's safer for wildlife than the very thin filaments.



Insect Barrier & Shade Cloth

Floating row covers, netting, Reemay®, and most coverings. Just a few clips are needed to secure porous coverings.



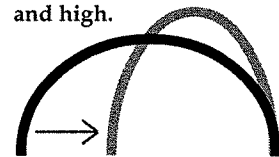
Ventilation—Open up the cover on sunny, hot days: Instead of stretching the plastic neatly across the ends, fold it back, and clip. Or you may open up a side a third or half way, and secure it with clips.

Planning a Garden Clip Greenhouse

- A Garden Clip Greenhouse works best 2' to 4' wide and up to 2 1/2' high without reinforcement or up to 5' tall with rebar inside the hoop up to where it curves. It is designed to cover your plants, not you.
- *Example:* If your garden is 9 feet by 10 feet, don't try to make a greenhouse that will cover it all. Split it up into two beds 3 feet by 10 feet, with a 3 foot path in between. This will allow you easy access to your plants.
- **How many clips?** Multiply the bed length by width to get the number of square feet under cover. You will need a clip for every two square feet in normal conditions, or maybe up to a clip for every square foot in windy conditions or for a tall cover.
- **What size clips?** If a garden bed is no more than 3' wide, we recommend you use 1/2" pipe and *Medium Garden Clips*. For wider spans, use 3/4" pipe and *Large Garden Clips*. For higher covers use 3/4" pipe & Large clips, for widths from 30" on up.
- Be careful to not design too tall. You want to keep the warmth you are creating down with our plants, not several feet above them. You can always create a taller cover later as your plants grow.
- Remember, the taller your structure is the more problems you will have with wind.
- *If Clips blow off in the wind, use more Clips and place them closer together.*

Organic Gardening—When your plants are protected from the stresses of harsh weather, they grow better and stronger—so they can better resist insects and diseases. Garden Clip Greenhouses were developed by a passionately organic gardener!

Same hoops can be set up wide and low, or narrow and high.



7' black poly pipe hoop
48" wide—22" high
or 30" wide—28" high

Hot-Season Crops in a Cool Summer

If your summers don't provide enough warmth for heat loving plants such as basil, peppers, tomatoes, squash and melons, a cover will help. Bottles of water collect excess solar heat and release it at night. Clear water works, and old coffee or other darkened water works even better. The larger basil on the left were planted the same time as the smaller, uncovered ones at the right!

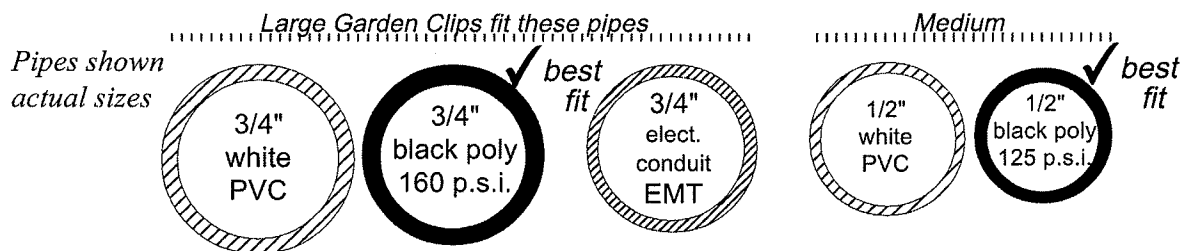


Fall Tomatoes—long hoops are slipped over rebar posts to stiffen them. Try 14' of 3/4" black poly pipe, and 5' posts of 1/2" rebar. Jugs of water collect solar heat for nighttime warmth.



Pipes for Hoops and Frames

- Black "poly" pipe makes an excellent frame for a Garden Clip cover. Black poly pipe comes in rolls at plumbing and building supply stores. It is easy to cut with garden loppers, has a natural curve to it already, and is more durable than PVC. It's a yard & farm pipe used for sprinklers, irrigations, and water supply—find it in plumbing and feed and farm stores.
- PVC can be used for a frame, but it will get brittle with age, and the Clips will have a very tight fit. PVC is most useful where you need a longer, stiffer span or desire the connectors available for PVC.
- Steel EMT electrical conduit is good for experimenting with larger spans.



Plastic Covers can be clear or preferably milky plastic—which diffuses light to get to more leaf surface area. Hardware store plastic works for a season or two, gets brittle and breaks. Greenhouse film is UV-protected for a 4-6 year life.

Rebar can be purchased from a building supply store in 20 ft lengths. It can be cut with a hack saw or a cut-off blade for an electric saw. 1/2" rebar works well with both 1/2" and 3/4" pipes in most applications. For stakes less than 2' long, 3/8" rebar suffices. For 6' or longer, use 5/8" rebar in 3/4" pipe.

Design Ideas for a Garden Clip Greenhouse™

3' x 5' Cover

Covers a couple flats of seedlings, or a small patch of greens.

- 3' wide, 14" high, 5' long
- 3 hoops of 1/2" poly pipe 5' long
- 4' x 8' cover material

• **10 medium Garden Clips**

4' x 12' Cover

For overwintering lettuce, parsley and chard. Covers tomatoes and peppers for extra warmth during Spring & Summer

- 4' wide, 22" high, 12' long
- 4 hoops of 3/4" poly pipe 7' long
- 6' x 16' cover material

• **25 large Garden Clips**

High Bed Cover

Covers mature plants in Fall to protect from frost and too much rain. Pound rebar in ground about 12". Slip pipe over rebar for extra strength.

- 4' wide, 3.5' high, 12' long
- 5 hoops of 3/4" poly pipe 10' long
- 10 pieces of 1/2" rebar 3' long
- 10' x 20' cover

• **40 large Garden Clips**

Square-Foot Gardeners—4' x 4' Beds Our 4' x 12' kit will cover **two 4' x 4' beds**—just cut the included greenhouse film (6' x 16') into two 6' x 8' pieces. Use one piece of film, 2 hoops, and 12 clips to cover each bed.

If you have any questions about Garden Clips or designing your Garden Clip Greenhouse, please contact us.