



GROWER'S
S O L U T I O N

High Sidewall Instruction Manual

**Before assembling your
greenhouse please read all
instructions, while watching the
instructional video.**

**This manual includes instructions for ALL add-
ons that you can purchase with your greenhouse.**

For additional assistance call 1(800)928-3390

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HIGH SIDEWALL GREENHOUSE INSTRUCTIONS

!!!! CAUTION: Tubing ends may be sharp!!!!

Step 1 – Ensure all components are accounted for.

- Lay out all bundles and open all boxes to compare labeled pieces to the packing sheet you received.
- Check for any concealed damage or missing components, please, contact us immediately.

Step 2 - Squaring Greenhouse

- Begin by choosing fairly level ground, or if needed by leveling the site in preparation.
- Use the "How to Square your green house" worksheet included to determine the measurement to square your particular greenhouse.
- Set the first two ground stakes by measuring your width outside to outside of the ground stake.
- Use levels to keep ground stake plum when driving.
- When pulling the length and diagonal measurement, set the last two ground stake on the inside of where the two tapes meet. **Figure 2.1**



Figure 2.1



Figure 3.1

Step 3 - Ground Stakes

- Standard depth of ground stake is 24".
- Measure **7'6"** on the four corner stakes once you have squared them. **Figure 3.1**
- Tie a string to the pipe and run it around the exterior at your marks, ensuring the line is tight.
- Mark the ground every 4' on center below the line.
- Drive remaining stakes on your 4' marks, ensure the stakes just touch the string and plum side to side.
- Once all the stakes are driven to depth, mark all stakes at the height of the line and cut off the excess material.

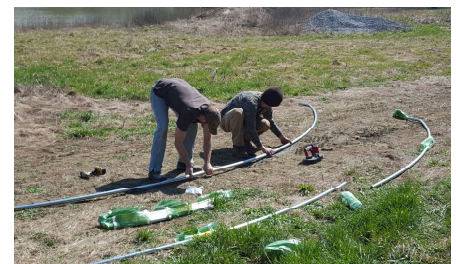


Figure 4.1

Step 4 - Bows

- Place the bow pieces on a relatively flat area. **Figure 4.1**
- Insert the swaged (crimped) end into the saw cut end. Connect at the joint with 2 tek screws; ensure the screws are driven so that they will not snag the film as it goes over the top. **Figure 4.2**
- Stand the bow upright and insert into the ground stake.

Figure 4.2



Step 4 - Bows continued

- **For 2 piece bows ensure the saw-cut dog legs are on the same side.**
- Secure in the ground stake with 2 tek screws.
- Ensure on the first and last bow that the tek screws are underneath the bows, facing the inside of the green house.



Fig 5.1

Step 5 - Purlin

- **** Houses 20' in width and under have 1 run of purlin****
- **** 24' wide houses get 3 runs of purlin, the additional 2 mounted at 10 and 2 o'clock.****
- Test fit the purlin on the inside of the ground stakes from first to last. Lay flush to the outside of the first ground stake (not protruding past the end). Mark your purlin at the center of each ground stake. **Fig 5.1**
- Assemble 2 pieces of purlin at a time. Using 2 tek screws per joint.
- Start hanging the purlin by using the 1" two-hole strap to suspend the pipe from first bow. Drive an additional tek screw through the center of the two-hole strap directly to the purlin. **Figure 5.2**
- When installing, align the bow with the reference mark on the purlin. Use the purlin clamps on all interior bows. Drive a tek screw through the clamp to the bow to keep it in place. **Figure 5.3**
- Once the purlin is assembled and suspended, cut any excess pipe flush with the first and last bow.



Figure 5.2



Figure 5.3

Step 6 - Base and Head Boards

- 2"x6"x16' pressure treated lumber is suggested. **(Not included in kit)**
- Line the lumber down the exterior of the green house, beginning flush with the first bow.
- Trim where necessary to ensure the ends meet at the ground stake. **Figure 6.1** Cut excess board flush with the last ground-stake. **Figure 6.2**
- Begin with Head board by ensuring the top of the board is flush with the top of the ground stake.
- Mount timbers with corner bracket to first and last ground stake. **Figure 6.3**
- Use the 1.25" two hole straps to attach to the ground stake for all others. Drive a tek screw through the two hole strap to secure to stake. **Figure 6.4**
- Repeat the test fitting and trimming for the base boards.
- To ensure even spacing, measure the vertical gap between the head and base board on first stake. Use this measurement down the length of the house.



Figure 6.2

Figure 6.1



Figure 6.3

Figure 6.4

**** Note: Refer to End Wall Instructions for the end wall base boards.****