

# GLASS GREEN HOUSES

By Cordell Vail May 10, 2008

I made my first green house out of PCV pipe and plastic sheeting because of the cost. It works quite well. I have had this green house for 5 years. I replace the plastic each year.



I have learned a lot about green houses with this green house. Recently several of my neighbors decided to get new windows. I have always wanted a glass green house. I got to thinking that if enough of the windows were the right size I could make a green house out of real glass. So I made an attempt at it this spring with those old cast off windows.

It was pretty hard to get them to all fit together. I started with a cast off sliding glass door for the front end. I kept the PCV pipe frame of my old green house as the foundation. The sliding glass door faces South West to maximize the sun exposure during the day.



Because it is a sliding glass door, I can just open the whole end of the green house on days when it is too hot. There is no screen on the door so bees can come in while it is open. Then at night I can just close it again to keep the heat in.

I still used the same concept for the back door, using an old shower door that already has a hinge in it. Cost me \$5 at a second hand store. That makes such a nice door for a green house and takes 10 minutes to install.



I had 4 windows that were all the same size and they just fit the width of my PCV pipe frame for the sides.



I still have one side of the roof that I have not been able to find just the right size window for. With all the rest of the green house made out of glass, the main thing I have learned about having glass is that it does not fog up like the plastic does. So that lets in a great deal more sun light. Here is the glass side below the plastic roof.



And here is the plastic roof right above the glass on the same day. As you can see the plastic collects moisture and fogs up so it blocks a lot of the sunlight.



Next year I am going to find a whole set of used windows that fit nicely together and make the whole green house out of glass. I love glass. No more plastic for me...

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