



CT GREENHOUSE
Structures & Supplies

DESIGN // BUILD // GROW

Selecting the Right Plastic for Your Structure

Is Single Layer or Double Inflated Plastic Right for You?

Choosing between single or double-layer greenhouse plastic depends on your growing goals, budget, and whether you plan to heat your structure. Here's a breakdown to help you decide.



Single-Layer Plastic

- **Ideal for Non-Heated Greenhouses or High Tunnels:** If you're not heating your structure, single-layer plastic may meet your needs.
- **Budget-Friendly:** Lower upfront costs make it a good choice for those watching their budget.
- **Easy Installation:** Single-layer plastic is simple to install, requiring no electrical setup.



Double-Layer Inflated Plastic

- **Best Option for Heated Greenhouses or High Tunnels:** If you're heating your structure, double-layer plastic is the way to go. The air pocket between layers provides extra insulation, helping retain heat and reducing energy costs.
- **Continuous Inflation:** A small blower runs year-round to maintain the air pocket between the layers, creating an even layer of insulation.
- **Enhanced Durability:** The double-layer system is more resistant to wind and snow, making it a great option in areas with harsh weather.
- **Infrared Plastic Option:** Many growers choose IR (infrared) inner plastic for added heat retention, helping to keep more warmth inside during cold months.



Key Considerations to Help You Make the Right Selection



Electricity

A double-layer solution will require electricity to power the blower that maintains inflation. At this time, there is no solar option available, so be sure your structure will have adequate power supply.



Weather Performance

Carefully consider your typical climate as well as your growing season. Double-layer plastic sheds snow more easily and offers better protection in high-wind areas.



Budget

While double-layer plastic has higher upfront costs, its energy-saving benefits can make it a more cost-effective option over time. Carefully consider your upfront and long-term budget before making a selection.

We went with CT Greenhouse because of the options and add-ons available, their price point, and their easy delivery system. Rural deliveries can be tricky, especially when you don't have a tractor or heavy equipment to aid in unloading. CT Greenhouse thought of everything, and the delivery was quicker and smoother than most smaller deliveries we have gotten. Toby and Aaron continue to be available to help us with all of our questions and concerns throughout our building process. 100% Recommend.

- Becca Burke, The Meadow Farmstead

Not Sure Which Option is Right for You?

Get in Touch for a Free Quote! [✉ info@ctgreenhouse.com](mailto:info@ctgreenhouse.com)