

Greenhouse double glass thin film components





Overview

What type of glass is used in a greenhouse?

Glass provides high light transmission for maximum plant growth with a clean building appearance. Float glass: This is common in older greenhouses. Due to its limited strength, pane width is limited to about 24 inches. Overlapping of the panes on the greenhouse creates gaps that increase heat loss. Float glass is available for replacement.

Can glass improve greenhouse performance?

Explore greenhouse glazing options, including tempered and diffused glass, to improve light transmission, reduce heat loss and support long-term plant performance. Editor's Note: This article originally appeared in the August 2025 print edition of Greenhouse Management under the headline "The appeal of glass."

Can you use double pane glass in a greenhouse?

Double pane glass: Although saving about a third on heating costs, double pane glass is not common for commercial greenhouses due to problems with moisture leakage between the two layers and the additional weight on the frame. Coatings can be added to affect plant performance. They are usually applied by spraying or vacuum deposit.

Is glass a good choice for a greenhouse?

Editor's Note: This article originally appeared in the August 2025 print edition of Greenhouse Management under the headline "The appeal of glass." Energy/shade screens are needed to reduce heat loss or excess heat gain. Glass was the traditional greenhouse glazing material until plastic materials became available.



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