

GARDEN STRUCTURES.

From early times it was clear that some plants, particularly from elsewhere, required protection. Various types of structures were developed from the time of Tiberius (who apparently was very fond cucumber) and known as greenhouses. We think of glasshouses but these were frames of different types until a reliable form of glasshouse was developed using quality glass. Glass with faults in it could cause burning of the plants it was supposed to protect.

In the 1450s ^{1500s} Sanga York ^{(w/ warm) frames straw} in Korea produced a green house with cob walls and underfloor heating. In Italy in the 13th century the Italians had used oiled paper to provide light as well as protection. ^{mosses / home}

So called "Orangeries" made their appearance in the 17th century using glass frames against a brick wall to provide shelter and warmth for tender plants and trees during the winter. (Chatsworth) Later more elaborate glasshouses made their appearance such as in Moscow and Versailles. These structures when fully developed provide light, ventilation, heating, cooling, water and hydration. Carbon dioxide enrichment has also been introduced.