

HEATING GREENHOUSES.

Comparative Costs of Steam and Hot Water for Horticultural Buildings.
One of the first comparative tests was made by Peter Hendren about 1865 and the result was a saving of 25 per cent. of fuel in the house heated by steam, while the plants thrived equally well with those in the house heated by hot water. In a bulletin issued by the Cornell station, Professor Bailey says:

"All our experience shows that the growing of plants, but in most instances that we do not concern hot water." The following are some of the conclusions reached after a trial of both systems at Cornell station:

The heat from steam pipe is distributed over a greater length of pipe, and as steam is ordinarily carried at a higher temperature than hot water it has a distinct advantage. For heating long runs.

There is less loss of heat in the steam pipe than in the hot water pipes, and the heat that does leak in the steam system is carried to the further end of the house and more is spent in the return than bottom heat.

Steam is better than hot water for long and crowded circuits and presents no difficulty in increasing the rapidity of circulation of steam.

Hot water is better than steam at the same time less efficient, although this result would probably be modified in a shorter and straighter circuit with greater fall.

Watering House Plants.

Analysts, as a rule, are not particular when it comes to watering house plants. In point of fact this is an important matter—one that controls to a great extent the thrift of the plant. A good plan with most plants is to wait until the soil is quite dry, and then water sufficiently to moisten the soil down to the very bottom of the flower pot. An average plant ought to be watered sparingly, and never so much as to keep the leaves free from dust. Deprived of the rain, which would naturally cleanse them, and not often watered with a fine pot or syringed, the plants kept in a room are apt gradually to lose their health, even if they do not die. The remedy for this is the regular use of a small piece of soft old sponge with slightly warm water, and in the case of "brightened" plants a little yellow soap, soft soap or saponin. Experience has shown that in this weather, when there is tife, and as "bright" is then at its weakest point, it is through cleansing during the cold months will result in freedom from it during the summer.

A Promising Peach.

Among peachers of recent introduction is the Elberta, depicted in our cut. It is now quite general in the prairies of Michigan, Maryland and New Jersey.

Prominent Van Denburgh notes of the Kansas nursery the possibilities with which the plant makes up.

There is a report to the effect that the increasing practice of spraying fruit trees is hurting the sprouts.

Mr. William Bamford, of the department of agriculture, recommends woven wire netting as a neat, cheap and efficient protection for the trunks of trees in cities.

American Gardening says that all peaches are easily propagated from seed, suckers or cuttings from branches or roots. The usual mode of propagating varieties is by cuttings from one and two year old wood planted in spring or fall, or by budding on stocks of shrubby growing varieties.

Courses of Gout.
Rich Patients—What is the cause of gout, doctor?
Doctor—Excessive drinking and eating will produce gout. Mental worry will also cause it.

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