

greenhouse construction, is modified to suit conditions and to cut down the cost of production. High eaves are built in the first place to allow plenty of head room for growing plants, such as tomatoes or cucumbers, which need stakes or trellis work for support. To give this necessary head room the eaves are usually built six and one-half or seven feet. This gives ample room for glass sides and also side ventilators. It is recommended on any house thirty feet or over that the eaves be placed at least six feet above the level of the surface soil. Lower eaves plates than this cause endless knocking against the roof members and greatly hamper the economic handling of plants.

DIRECTION OF THE RIDGE.

Different ideas are prevalent with regard to the direction of the ridge of a greenhouse. Many experienced growers prefer to have the ridge run east and west, and many others have a preference toward having the ridge run north and south. In the old style house, where the sash bars were heavy and close together, there was more room for argument on this question, but to-day, when the wide houses are being built of materials which cut down the possibility of shade to a minimum, it seems that houses running east and west and north and south give equally as good results. The question of the direction of the ridge is an open one, and, as said before, different growers prefer each. It seems that this point has been given altogether too much attention, and the result of investigation regarding it leads to the following conclusion: Build the house facing either south or west, according to the location which you have. While men favor both east and west and north and south, the majority seem to favor east and west, but can give no specific reason for so doing.



Previously only narrow, low roofed houses were used, but wider ones are now the only ones in demand. The change from 14 ft. to 75 ft. houses can plainly be seen here.

WIDTH OF HOUSES.

Practically all greenhouses built up to the last fifteen years have been of comparatively narrow widths. This has been due largely to the mistaken idea that the plants should be located as near the glass as possible. During later years this idea has been disproven, and houses are now being built much wider. The large