"One Crop" Carnation Production*

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As a result of the work of Blake, Freeman and Langhans, Harris, Pokorny and Kamp and others that carnations respond to photoperiod, an intensive study was designed to investigate the many interacting relationships. It was determined carnations, when grown under controlled photoperiods, could be handled culturally like the chrysanthemum. However, there were a number of questions that had to be answered before commercial recommendations could be made. The questions were related to day-length, temperature, date of planting and timing, growth of stock plants, spacing, number of shoots per plant, fertility program, light intensity, and varieties. A series of studies have been made to answer these questions. Over the next few months, in a series of short articles, we will indicate the results of these studies. The last paper will summarize all of the work and give our forecast of the future of carnations in the northeast.

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