

Chapter 1

Introduction

The production of chrysanthemums as cut flowers is now a common commercial practice all year around. The keeping quality and general showiness of a potted chrysanthemum make it a desirable potted plant. With proper attention to cultural methods it is possible to flower potted chrysanthemums at will. One of the important problems needing further study is the evaluation of new varieties for out-of-season production. It is also of importance to determine the supplementary light treatment needed for production of top quality blooms in quantity.

The object of these experiments is to study the effects of photoperiods, light intensity, plant age and varying photoperiods on flowering of potted chrysanthemum var. Delaware, Bon Deluxe, Americana and to find the optimum time of the year for the planting of newly bred chrysanthemum varieties.