

# The Influence Of Light On Developmental Growth Of Shoots (A defense of thesis)

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Work with 'Improved White Sim' showed that short days inhibit flower initiation, permitting breaks to grow, whereas long days cause flower initiation. The use of short days during rooting (May and June) could improve cutting quality by reducing the number of initiated flowers. Short photoperiods could be used to prevent initiation, followed by long days to induce all shoots to flower for a particular holiday.

<sup>1</sup>*Royal Heins was a former CFGA Scholar and received his B.S. from CSU a few years ago. He recently completed his Ph.D. from Minnesota with Harold Wilkins and has been hired on the staff at Michigan State University as Assistant Professor in Floriculture.*