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Temperature and Photoperiod in Relation to Flowering in *Cucumis Sativus*

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growth of vegetative shoots. 4. Thickness of stem. 5. Length of stem between nodes. 6. Date of flowering. 7. Number of flowers. 8. Number of flowers which absciss before maturing. 9. General growth habits of the structures under the different conditions.

THE EFFECT OF RIBOFLAVIN ON THE GROWTH
OF PLANTS

RAYMOND DENNISON

Definite effects on the growth of plants have been produced by the addition of riboflavin to the nutrient solution. Plants were grown in a medium of silicate gravel.

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IOWA CITY, IOWA.

TEMPERATURE AND PHOTOPERIOD IN RELATION
TO FLOWERING IN CUCUMIS SATIVUS

LORAN L. DANIELSON

Cucumber plants grown under long-day and exposed to low night temperature showed a decided modification of the flowering response usually obtained under long-day conditions.

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