

PROGRESS REPORT ON THE STORAGE OF CARNATION CUTTINGS
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Our preliminary trials on cuttings taken and stored August 15, gave us several leads. Our percentage of cuttings rooting from this lot was not as high as it should have been, but we place most of the blame for this upon our method of handling the cuttings after they came out of storage.

The entire lot was stored from August 15 to October 20, at a temperature of 36° to 38° F. Approximately half of the cuttings were placed under a 15 watt fluorescent light about eight inches away from the bulb. The other half were stored in the dark. The basal end of both tip and heel cuttings was packed in moist sphagnum and then wrapped in waxed paper. Heel cuttings were also sealed in cellophane.

The number rooting in each treatment is as follows:

Lighted

Tip cuttings in sphagnum.....	15 out of 48
Heel cuttings in sphagnum.....	36 out of 50
Heel cuttings sealed in cellophane.....	20 out of 25

Unlighted

Tip cuttings in sphagnum.....	11 out of 25
Heel cuttings in sphagnum.....	14 out of 25
Heel cuttings sealed in cellophane.....	19 out of 25

The cuttings not sealed in cellophane were so dessicated when taken from storage that they were soaked in water for 48 hours. Those taken from cellophane were stuck directly in sand.

From these preliminary trials, it seems advisable to seal cuttings in cellophane or similar material.