



FLOWER AND NURSERY REPORT

FOR COMMERCIAL GROWERS

EFFECT OF A-REST® ON 'NELLIE WHITE' LILIES

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To study the effect of A-Rest® on Easter lilies other than the 'Georgia' variety, an experiment was conducted on 'Nellie White' lilies in co-operation with San Gabriel Nursery.

Two spray applications were made on each plant with 2 weeks between applications. Both were applied with a Hudson sprayer that had an adjustable nozzle. Two pints of concentrate (6 quarts of working solution) treated 561 plants at the rate of 43 ppm; this was equivalent to 1 part A-Rest® plus 5 parts water. Plants were sprayed to the point of drip. Control plants were left at either end of the plot. Application dates were January 31 and February 14, 1973.

When both treatments were applied, the weather was sunny and air temperatures inside the greenhouse were 70° to 75° F.

The plants to be used were selected for uniformity and were 4 inches high. In a sample comparison of treated plants with check plants on February 14, treated plants averaged ½ inch shorter.

On April 3, 1973, a random sampling of treated and untreated plants was measured from top of

pot to first bud. Average height of treated plants was 13.1 inches. Control plants averaged 17.1 inches. The photograph shows the plants at flowering.

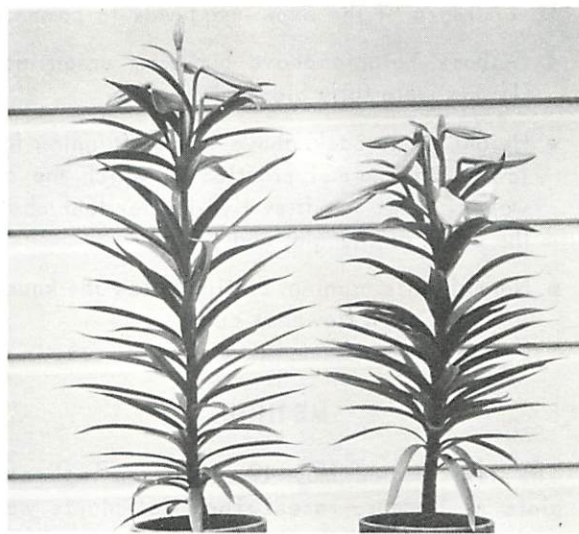


Figure 1. 'Nellie White' lilies. Treated plant is on right.

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NOVEMBER 1973