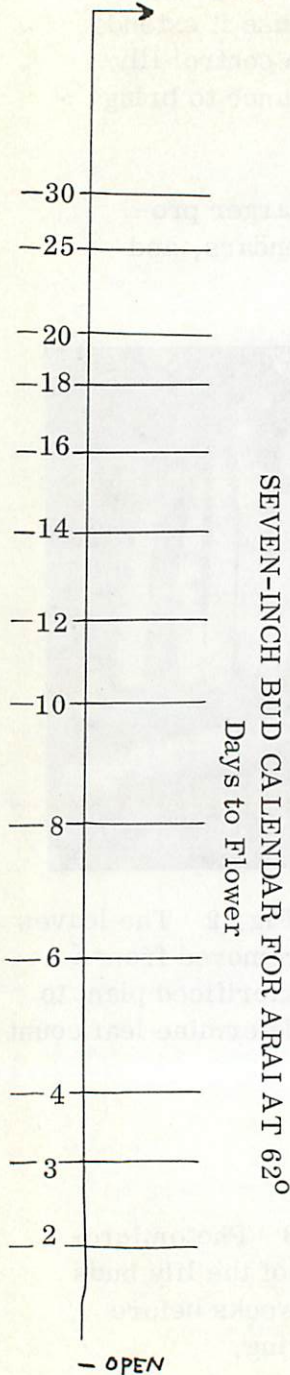


BASE OF BUD



PREDICTION OF FLOWERING DATE BY BUD LENGTH IN 'ARAI' LILIES

Jay S. Koths
Extension Floriculturist
and
Warren Chutka
Floriculture Student

Data collected from the growth retardant studies reported in the Connecticut Greenhouse Newsletter #49, November 1972, enable the prediction of flowering date based on bud length. This data applies only to a crop grown at 62° night temperature and having buds approaching 7" in length before opening.

To test the validity of these measurements derived from plants treated with growth retardants, this information was taken from only plants of approximately normal growth. Then the data from excessively dwarfed plants was compared to these measurements. There was no great discrepancy except in severely stunted plants.

The scale on the right of page 6 is used by placing the end of the scale at the base of the bud. The bud tip will then reach to the number of days remaining before flowering.

The scale is printed at the edge of the page so that you can conveniently mark a pot label to use in the greenhouse.

Temik injury on the following cultivars were listed in the Ohio Florists Association Bulletin No. 516, October 1972, or observed in Connecticut:

Chrysanthemum

Mandelay
Mountain Snow
Mountain Sun
Copper Bowl
Orange Bowl

Poinsettia

Dark Red Annette Hegg
Eckespoint C-1

Have you seen any?