

**PENGARUH PEMANGKASAN DAN PENAMBAHAN
GIBERELIN (GA₃) TERHADAP
LAMA WAKTU PEMBENTUKAN TUNAS DAN KUNCUP
BUNGA TANAMAN MAWAR
(*Rosa sp.*)**

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ABSTRACT

*The effects of cutting and adding gibberelin on the duration of stem and flower bud forming of **Rose sp.** had been done. This research purposed to shorthen the duration of stem and flower bud forming.*

The research sample were Rose plants with yellow colour and the same length and number of branches. The cutting was done on 0 cm, 5 cm and 10 cm from the apex. In this research we used gibberellins with 50 ppm and 100 ppm concentrations and as a control we used aquadest.

The results showed that the best treatment to shorten the duration of stem bud forming were the cutting on 10 cm from the apex and with the adding of gibberellin on 100 ppm concentration. And the best treatment to shorten the duration of flower bud forming were with the cutting on 10 cm from the apex and with the adding of gibberellin on 50 ppm concentration.

Key words : Gibberellin, *Rosa sp.*