

# EFFECT OF GIBBERELIC ACID (GA<sub>3</sub>) LEAF CONTENT IN INTACT AND EXCISED LEAF OF *ROSA INDICA*

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**Abstract:** Senescence is considered as a genetically programmed process which culminates the development and differentiations of plant structure and which serve to specific function in the plant. Physiological senescence is definitely followed by death while non-physiological not be followed. It is due to deficiency of any essential mineral. The senescence process allows for the termination of cells, tissues, organs or even organisms in a controlled process. Senescence is age dependent and under the control by hormonal, molecular, and genetical processes. It is controlled by several factors, hormones are one of them. The hormonal regulation is an important aspect of the mechanism of the senescence but not an isolated aspect. Hormones act by controlling the development of the senescence programme. Gibberellins delay the senescence. Gibberellin is a powerful retardant.

**Keywords:** Senescence, Gibberellins, Rose, Protein, Chlorophyll

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