

EFFECT OF AUXIN (INDOL-3-ACETIC ACID) LEAF CONTENT IN INTACT AND EXCISED LEAF OF *ROSA INDICA*.

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Abstract: Senescence is a puzzling process it always differs from ageing. It may or not be lead to death .it not only support the degradation process but also promote the growth of new plant parts. Physiological senescence is definitely followed by death while non-physiological not be followed. It is due to definenecy of any essential mineral. It is controlled by several factor, harmones are one of them. Auxin delays the senescence. Generally, higher concentrations of IAA used for visible symptoms of senescence were observed below 100ppm at very high concentration i.e. 400ppm, it becomes non-physiological in both intact and excised conditions. 300ppm of IAA shows maximum delay.

KEY WORDS : Senescence, Auxin, Rose, Protein, Chlorophyll.

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