

# EFFECTS OF HEAVY METAL ZINC ON PETAL SENESCENCE OF *ROSA FLORIBUNDA* LINN.

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**Abstract:** The effect of Zinc concentration on senescence of Cut Rosa sp. Flowers, in light and in the dark in terms of total anthocyanin levels were investigated. It was found that the heavy metals show concentration dependent effects. The lower concentrations delay and higher concentration accelerate the petal senescence both in light and in the dark. Further it is noted that the concentrations of Zinc delay petal senescence in light as compared to the dark.

**Keywords:** Zinc, Heavy metal, Senescence.

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