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EFFECT OF ROSE PETALS EXTRACT ON *LEUCONOSTOC* BACTERIA IN SUGARCANE JUICE

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ABSTRACT : In the study on the effect of rose petals extract on growth of *Leuconostoc* bacteria in sugarcane juice, it was found that rose petals extract can act as an effective bio compound for control of post harvest sucrose losses due to the *Leuconostoc* bacteria in sugarcane juice. The bacterial colony was developed and counted followed by the development of inhibition zone showing that rose petals extract exhibit an effective antimicrobial property.

Key Words : Rose petal extract, *Leuconostoc* bacteria, sugarcane juice.