

Insecticidal Activity of Extracts Essential Oils of *Mentha Rotundifolia*

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Abstract : Essential oils derived from aromatic or medicinal plants have recently proven useful in a variety of fields including the production of medicines, perfumes and foodstuffs. The purpose of this research is to determine the insecticidal activity of essential oils extracted from *Mentha rotundifolia* species against *Aphis fabae*. The bioassay used to determine essential oils toxicity to pest insect *Aphis fabae* revealed a very high effective repellent. The effect with concentrations of 100% and 30% were found to be statistically significant ($F=64.800$, $P<0.0001$) with an average of 7.66 and 7, respectively. According to the findings, the plant under consideration is promising as a source of natural pesticides and lends itself well to research in the field of pest control using biochemical alternatives.

Keywords : pest, mentha, activity, effective

Conference Title : ICAACS 2024 : International Conference on Agriculture, Agronomy and Crop Sciences

Conference Location : Jeddah, Saudi Arabia

Conference Dates : November 11-12, 2024