



**ORIGINAL ARTICLE**

## **EFFECT OF SPRAYING WITH YEAST EXTRACT AND BASFOLIARAKTIV LIQUID FERTILIZER ON THE VEGETATIVE AND FLOWERING GROWTH OF MALVA SP.**

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**Abstract:** This experiment was conducted to study the effect of dry yeast extract at three concentrations (0, 2.5, 5) g.L<sup>-1</sup> and spraying with Basfoliar Aktiv liquid fertilizer at three concentrations (4, 0, 8) ml.L<sup>-1</sup> on the vegetative and root growth of Malva sp. During the agricultural season 2019-2020 in the refrigerated house of the College of Agriculture, University of Basrah. The results showed that spraying with yeast extract at a concentration of 5 g.L<sup>-1</sup> or with liquid fertilizer at a concentration of 8 ml.L<sup>-1</sup> significantly excelled in plant height, stem diameter, number of total leaves, leaf area and fresh and dry weight of vegetative growth, number of flowers, flower diameter, length the diameter of the flower stalk and the fresh and dry weights of the flowers, root number, root length, fresh and dry weight of root. The effect of the interaction between the two factors was significant in most of the studied traits.

**Key words:** Malva plant, Yeast extract, Basfoliar Aktiv liquid fertilizer, Growth.

### **Cite this article**

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