



## BIOACTIVITY OF OLIVE OIL MILL WASTEWATER AGAINST GREY MOULD DISEASE

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**ABSTRACT**

The antifungal activity of olive oil mill wastewater (olive OMW) was investigated. Filtered and sterilized olive OMW was tested as growth inhibitor of *Botrytis cinerea* mycelium in vitro. The effect of filtered and sterilized olive OMW was also tested on strawberries fruits infected with the *Botrytis cinerea* in vivo. The results show that the filtered sterilized olive OMW inhibits the growth of *Botrytis cinerea* mycelium in vivo confirming the antifungal activity probably due to presence of the phenols phenol content of olive OMW solution.

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