

**EFFECT OF SPRAYING WITH WILT-PRUF, GROFALCS AND BENZYL ADENINE ON  
STORAGE LIFE AND QUALITY CHARACTERISTICS OF FRUITS FIG TREE CV.  
KADOTA (FICUS CARICA L)**

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**ABSTRACT**

An experiment was conducted in a private orchard at AL-Abbasyia, Najaf Governorate during the growing season of 2016 on fig CV. Kadota. The trees were sprayed with two concentrations of Wilt-Pruf (2 and 4 %), Grofalcs and benzyl adenine at concentration 300 mg/ L each other in single way or in combination with Wilt-Pruf at 15 march and on 15 June. In 15-8 -2016 take 2kg fruits from trees. The fruits of these treatments were stored at 5C<sup>0</sup> and 80-85% R.H. for 10 days. Results showed that spraying trees with Wilt-Pruf, Grofalcs and BA treatments and their interactions caused a significant decrease percentage disease of *Aspergillus Niger*, *Alternaria tenuis*, *Penicillium explosion* Souring, *Alternaria Fiji*, *Fusarium solani*, *Ulocladium atrum*, total decay, percentage of weight loss and increase total soluble solids, vitamin C and degree of taste in the end of the storage compared to control treatment. There was a significant effect between treatment. Treatment of spraying Wilt-Pruf 4% + Grofalcs and BA in concentrate 300 mg / L gave a significant effect and the best results for the year of the experiment.

**KEYWORDS:** Wilt-Pruf, Grofalcs, Benzyl Adenine, Fig CV. Kadota