

**THE REPELLANCY EFFECT OF POWDER OF MANY PLANTS ON RED FLOUR
BEETLES *TRIBOLIUM CASTANIUM***

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Abstract

The aim of this study is investigated the repellent effect of powder of four plants : *Borago officinalis* ; *Mentha piperta* ; *Officinalis anisum*; *Eucaluptus glubulus* against the red flour beetles *Tribolium castanium*. The repellency effect determined in three increasing concentrations (5,10,15)%(w/w) for all investigated powder plant in 48 hr .

The results appeared that *M. piperta* was most repellent efficiency plant in value (26,43,76.6)% in concentration (5,10,15)%(w/w) respectively then *O. anisum* (10,23.3,60)%; *E. glubulus* (10,23,53)%, *B. officinalis* (6.6,23,43)% also this study appeared the efficacy repellency of the plant against red flour beetles increasing with increase the concentration of powder's plant and exposure time .