

**STUDY OF THE EFFECT OF SILICA POWDER (DRYACIDE) ON THE  
CONTROL OF *SITOPHILUS GRANARIUS* L. (COL. CURCULIONIDAE)**

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**Summary**

In order to replace nontoxic materials with insecticides in controlling stored product pests, the present research was fulfilled for *Sitophilus granarius* L.

Silica powder adheres to the body surface of this pest and inactivates the surface layer of wax which protects the body water lost.

In a trial all the dosages of silica powder (0.25, 0.5, 0.75 and 1g/1000) applied against the adults of *S. granarius* were effective five days after the treatment.

The treatment had also a satisfactory effect on the F1 progenies, so that no adults in F1 progeny was found with the highest dosage.

**References**

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