

DEVELOPMENT OF *SITOPHILUS ZEAMAI*S WAREHOUSE PEST IN VARIOUS STORAGE TIME OF CORN SEED

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ABSTRACT

Seeds are a means of crop production which largely determines the quantity and quality of crop yields. Efforts to maintain the availability of seeds from time to time carried out seed storage. Corn seed storage often experiences disruption of the attack of the powder beetle *S. zeamais* which causes shrinkage of quantity and quality. This study aims to determine the development of *S. zeamais* pests and the level of damage to corn seeds at various storage times. This research is a single factor experiment arranged in a Completely Randomized Design with four replications. The factor that was tested was the storage period consisted of six levels, 1,2,3,4,5 and 6 months. The results showed that the development of *S. zeamais* pests on corn seeds from the first to the sixth month was not significantly different and the quality of the corn seeds remained good until the sixth month of storage.

Keywords: *Sitophilus zeamais*, corn seed, warehouse pest, seed storage