

MYCOTOXICAL AND MICROBIOLOGICAL ANALYSIS OF WHEAT AND BARLEY IN GRANARIES DURING THE STORAGE PERIOD

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Summary. Three types of agricultural granaries (small, average and big) with different storing conditions were investigated.

Randomly taken wheat and barley samples were analysed for the degree of contamination with moldy fungi spores and mycotoxines. The results obtained indicate that highest levels of contamination are found in small farm granaries lacking good storing and drying equipment.

A reliable correlation ($p < 0.05$) between small and average as well as average and big granaries has been established.

Keywords: wheat, barley, microscopical fungi, mycotoxins, total count of bacteria.