



Micromycetes on stored barley and oat caryopsis

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During storage, on the cereal caryopses develop micromycetes which produce a quality degradation of these. For a precisely determination about micromycetes species which are present on barley and oat assayed from the household deposits, represented by stores and bins, in which the cereals (barley and oat) were deposited, for a period of one and respectively two years (2004-2006), was effected specific phytopathological and mycological analyses, by putting the caryopses in Petri recipients with PDA nutritive medium, every variants was analyzed using 4 rehearsal and then followed by their incubation on a 7 days period at a temperature of 22°C, for determining of the increase and development of the existent mycoflora, it was, resulting 10 micromycetae saprophytic: *Rhizopus* sp, *Trichotecium roseum* (Pers) Link; *Trihoderma viridae* v. Teigh, *Alternaria alternata* Ness, *Cladosporium herbarum* (Pers.) Link, *Stemphyllium graminis* (Corda) Bonord, *Penicillium* spp., *Epicoccum* sp, *Aspergillus* spp., which one only two were parasitic: (*Drechslera* sp. and *Septoria* sp). The analyses are imported for establish the measures of prevent and combat which should be taken.