Title	Biochemistry of postharvest spoilage of sweet potato (Ipomoea batatas L.). 2.
	Comparison of cellulolytic enzyme production in cultures and fungi-infected sweet
	potato tubers
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Abstract

The study was conducted to determine the production in vitro and in vivo of cellulases by *Botrydiplodia theobromae* and *Rhizopus oryzae*. Isolates of these organisms were obtained from the postharvest decay of sweetpotato tubers. Results revealed that *B. theobromae* and *R. oryzae* which were isolated from postharvest spoilage of sweetpotato tubers produced endo-(3-1,4-glucanase and exo-V-1,4-glucanase in culture and in fungi-infected tissues of sweetpotato tubers. The optimum temperature and pH for cellulase synthesis and activity were 30°C and pH 6.5, respectively.