

A comparative study of different storage methods on the shelf-life of smoke-cured fish

A. O. AGBON, G. N. O. EZERI, B. N. IKENWEIWE, W. O. ALEGBELEYE, O. OKE, D. T. AKOMOLEDE

Abstract

A study was conducted to determine the storage method that will best preserve the quality and quantity of smoke-cured *Clarias* sp. using boxes made of cardboard and wood, as well as, airtight metal containers. The boxes made of cardboard material was found to be the best medium of storage as all infesting dermestid adult and larvae were found dead at the end of 60 days storage period. There was a significant increase ($P < 0.05$) in the population of larvae in the metal container, which accounted for the reduction in quality and quantity of the stored product. It is concluded that boxes made of cardboard are the best medium for storing smoke-cured *Clarias* sp. when a preservative is not added to the stored product.

Key words

Smoke-cured, *Dermestes maculatus*, storage, fish.