

Title The change of qualities of zein films at storage and they on packaging of deep-frozen glutinous rice balls application

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Abstract

The object of this article is mainly to research the change of volatile base nitrogen and peroxide number of zein films in different storage conditions. And zein films and normal plastic material are used to pack deep-frozen glutinous rice ball. The results showed that zein films in frozen storage have less volatile base nitrogen and peroxide number than zein films in cold storage and normal storage in same storage time. Zein films which packed deep-frozen glutinous rice ball could control deep-frozen glutinous rice ball's relative moisture loss and microbe growth better than normal plastic materials, but the differences were minor.