

Studies on different storage structures on the shelf-life of *Hurrihittu* (Ragi value added product) against *Sitophilus oryzae*

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ABSTRACT

Finger millet (*Eleusine corcana*) is a small millet and quick growing crop, particularly suited to a dry continental climate. Finger millet value added products enhances the bioavailability of nutrients, but also improves the overall nutritional quality of grains. Diversification of diet is necessary to overcome the nutritional situation in the country. The ragi value added products infested by the storage pests lead to the qualitative and quantitative losses to overcome this losses. So, the study was conducted to know the shelf-life of *Hurrihittu* against *Sitophilus oryzae* on different storage structure like cloth bag, polythene cover, mud container, glass container and steel container. It was observed that *Hurrihittu* stored in the cloth bag recorded maximum numbers of insects and *Hurrihittu* stored in glass container was free from infestation till 150 days and infestations was recorded at 180 days. Shelf-life of *Hurrihittu* in cloth bag was less, whereas, *Hurrihittu* stored in steel container showed longer shelf-life.

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