



Storage quality and shelf life of horse gram sprouts treated with different forms of garlic

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Abstract : Horse gram is a legume of the tropics and subtropics. Horse gram is an excellent source of iron and molybdenum. Comparatively, horse gram seeds have higher trypsin inhibitor and haemoagglutinin activities and polyphenols than most bean seeds. An experiment was conducted to see the effect of garlic pieces, paste forms on shelf life and quality of horse gram sprouts at Department of Agricultural Microbiology, University of Agricultural Sciences, G.K.V.K., Bengaluru during the year 2009-2011. The results of the experiments showed that the horse gram sprouts treated with garlic paste forms showed more effective than sprouts treated with garlic pieces. Among garlic pieces and paste forms, paste forms showed very less bacterial and fungal population during storage.

Key Words : Garlic, Shelf life, Storage, Sprouts

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