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RESEARCH ARTICLE

Effect of seed pelleting chemicals and storage containers on storability of brinjal (*Solanum melongena* L.)

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SUMMARY

The storage experiment was carried out for a period of 12 months under ambient conditions in the laboratory of Department of Seed Science and Technology, College of Agriculture, University of Agricultural Sciences, Dharwad from August 2004 to July 2005 The seed pelleting treatments and storage containers differed significantly with regard to seed quality parameters through out the storage period under ambient condition over control. Among the seed pelleting treatments, bavistin (1%) recorded significantly higher germination percentage (85.70) and seedling vigour index (887) than the other treatments ($ZnSO_4$, $MnSO_4$, DAP and control) followed by arappu leaf powder (250g/kg) at the end of12months of storage period. Among the containers polythene bag 700gauge recorded significantly higher germination (82.50%), vigour index (790) than the paper bag at the end of 12months of storage period.

Key Words : Pelleting chemicals, Storage containers, Polythene bag, Brinjal, Germination

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