

INFLUENCE OF SEED SIZE ON STORAGE POTENTIAL OF CHICKPEA VARIETIES

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ABSTRACT

A storage study involving three Desi (A-1, Bheema and BGD-103) and two kabuli types (ICCV-2 and KAK-2) were sieve graded in to small, medium, big and bulk categories and stored in cloth bag under ambient storage condition at the department of seed science and Technology, university of Agricultural Sciences, Dharwad during 2008-09. The study revealed that among varieties A-1 and BGD- 103 maintained satisfactory germination as per the minimum seed certification standards upto 9 months, Bheema for 8 months and ICCV-2 and KAK-2 for 7 months. Among seed size group was non-significant. However, the smaller and medium sized seeds in both Kabuli and desi chickpea varieties were found better in storability.

KEYWORDS: Chickpea Varieties, Desi (A-1, Bheema and BGD-103) and Two Kabuli Types (ICCV-2 and KAK-2)