

EFFECT OF SEED TREATMENT ON PLANT GROWTH, SEED YIELD AND QUALITY OF CHICKPEA VARIETIES

GNYANDEV, B. M. B. KURDIKERI & P. M. SALIMATH

University of Agricultural Sciences, Dharwad

ABSTRACT

The field experiment were conducted to know the effect of seed treatment on plant growth, seed yield and quality in two chickpea varieties A-1 (desi) and KAV -2 (kabuli) during rabi seasons of 2007 and 2008 at main agricultural Research station, University of Agricultural sciences, Dharwad. The study revealed that seeds treated with Rhizobium followed by PSB resulted in higher number of branches, pods per plant, test weight, seed yield in A1 (31.25 & 28.15) respectively. While maximum plant height was recorded in ICCV-2 variety treated with rhizobium followed by PSB treatment (50.27 & 25.22). The seed quality parameters were more in seed treatment of rhizobium followed by PSB, compared to other treatment & control in both chickpea varieties.

KEYWORDS: *Effect of Seed Treatment on Plant Growth, Seed Yield and Quality of Chickpea Varieties*

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