

Effect of foliar application of plant nutrients on seed quality parameters of sorghum hybrid cv SHD-9704 (*Sorghum bicolor*)

■ SHARNKUMAR AND MERWADE

SUMMARY

The present investigation was carried out in the Department of Seed Science and Technology, College of Agriculture, University of Agricultural Sciences, Dharwad during *Rabi* season in 2007 and *Kharif* season in 2008 and their pooled data on effect of foliar application of plant nutrients on seed quality parameters of sorghum hybrid cv SHD-9704 (*Sorghum bicolor*). The foliar spray of urea @ 2% (N₃) recorded significantly maximum 100 seed weight (3.26 g), root length (15.64 cm), shoot length (17.58 cm), seedling vigour index (2967) and seedling dry weight (323.29 mg), whereas it was minimum (2.94 g, 13.81 cm, 16.25 cm, 2592 and 288.21 mg, respectively) in the foliar spray of water (N₀).

Key Words : Sorghum, Plant nutrients, 100 seed weight, Germination, Root length, Shoot length, Seedling dry weight and seedling vigour index

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