

Effect of staggered sowings 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 staggered sowings on seed quality parameters of sorghum hybrid cv-SHD-9704 (*Sorghum bicolor*). The 100 seed weight, germination percentage, root length, shoot length, seedling vigour index and seedling dry weight were significantly more and less (3.28 g, 92.17%, 15.34 cm., 17.65 cm, 3035, 318.3 mg, respectively) and (2.90 g, 84.80%, 14.00 cm, 16.39 cm, 2579 and 293.63 mg, respectively) in sowing of female parent 4 days before male parent (S_1) and sowing of female parent 10 days before male parent (S_3).

Key Words : Sorghum, Staggered sowing, 100 seed weight, Germination, Root length, Shoot length, Seedling dry weight and Seedling vigour index

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MEMBERS OF THE RESEARCH FORUM

Author to be contacted :

SHARNKUMAR, Department of Seed Science and Technology, University of Agricultural Science, DHARWAD (KARNATAKA) INDIA
Email: aosharankumar@gmail.com

Address of the Co-authors:

MERWADE, Department of Seed Science and Technology, University of Agricultural Science, DHARWAD (KARNATAKA) INDIA
