



## Standardization of seed vigour tests in seven medicinal plants

T. SIVA JYOTHI\*, K.V.S. MEENA KUMARI, R. ANKAIAH AND M. GANESH  
Seed Research and Technology Centre (A.N.G.R.A.U.), HYDERABAD (A.P.) INDIA

**Abstract :** A lab experiment was conducted during 2007-2008 at the Seed Research and Technology centre of Acharya N.G Ranga Agricultural University, Rajendra Nagar, and Hyderabad to standardize the seed vigour tests in seven medicinal plants. Evaluation of various vigour tests showed first count (in BP method) and final count (in BP method) for Dulagandi and Kalmegh; Brick gravel for Dulagandi and Senna; cool germination test for Isabgol and Dulagandi; paper exhaustion test for Dulgandi and Isabgol; speed of germination for Senna and Isabgol; mean germination time for Senna, Isabgol and Dulgandi and filed emergence for Dulgandi and kalmegh; were very effective for obtaining higher germination percentage and many number of vigorous seedlings which were superior over methods .

**Key Words :** Medicinal plants, Vigour tests, Germination percentage

**View Point Article :** Siva Jyothi, T., Meena Kumari, K.V.S., Ankaiah, R. and Ganesh, M. (2014). Standardization of seed vigour tests in seven medicinal plants. *Internat. J. agric. Sci.*, 10 (1): 446-448.

**Article History :** Received : 23.10.2013; Revised : 14.12.2013; Accepted : 25.12.2013