



## RESEARCH PAPER

# Germination rate of different soybean varieties at different moisture levels

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**Abstract :** A pot culture laboratory experiment was conducted during 2014-15 at Department of Soil Science and Agricultural Chemistry, Vasant Rao Naik Marathwada Krishi Vidyapeeth, Parbhani using six different soybean cultivars to study the germination rate of soybean varieties under different soil types. The experiment was laid out on loamy soil with six soybean cultivars. The six soybean cultivars viz., JS-335, MAUS-71, MAUS-158, MAUS-162, MAUS-504 and MAUS-609 were used at two moisture levels at 50 per cent and 100 per cent field capacity. The results indicated that parameters like seed germination rate were significantly influenced due to different soil moisture levels for different cultivars under study.

**Key Words :** Germination rate, Seed, Soil moisture

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