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The Role of Thermo Priming on Improving Seedling Production Technology (ISPT) in Soybean (Glycine max (L.) Merrill) Seed's

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Abstract : In order to determine the impact of thermo priming on germination of soybean seeds, an experiment was conducted as a completely randomized design with three replications. The factors of studied included different time thermo priming (control, 5 and 10 minutes) through the placing seeds were exposed to oven. The results showed that the effect of thermo priming was significant on germination percentage, seedling dry weight and seedling vigour in $P \leq 0.05$. Mean comparison showed that the highest germination percentage (77 %), seedling dry weight (1.39 g) and seedling vigour (107.03) were achieved by 10 minutes thermo priming.

Keywords : thermo priming, seedling, seedling production, seedling growth, soybean
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