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**CARDINAL TEMPERATURE FOR SEED GERMINATION OF ROSELLE**  
**(*HIBISCUS SABDARIFFA.L*)**

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Roselle is one of the important medicinal plants of Malvaceae family which is planting in a vast area of Iranshahr region in Iran. Cardinal temperatures, base ( $T_b$ ), optimum ( $T_o$ ) and maximum ( $T_{max}$ ) temperatures, requirements were defined for germination of Roselle specie. Knowledge and studies of plant biology and germination behavior can lead to the development of its cultivation in the farms. This experiment was conducted to evaluate Roselle seeds germination on the response to different temperature at Seed Technology and Agricultural Research Laboratories of Zahedan University in 2013. For this experiment using a completely randomized design with 10 treatments consisting of 5, 10, 15, 20, 25, 30, 35, 40, 45 and 50 degree of Celsius in four replications. Traits measured were germination percentage, germination rate and mean germination time. The cardinal temperatures including base temperature ( $T_b$ ), optimum temperature ( $T_o$ ) and maximum temperature ( $T_{max}$ ) for roselle were obtained 12.5, 29.5 and 42, respectively.

**References**

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