عنوان مقاله:

(Evaluation of Temperature Effect on Five Cultivars of Canola (Brassica napusL

محل انتشار:

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خلاصه مقاله:

Considering the importance of germination on plants' domestication processes, cardinal temperatures' determinations appear to be a major step. Those genotypes that germinate in lower temperatures could be useful in temperate areas where temperature are low in germination stage whereas the genotypes tolerant to high temperatures could be sown in the areas with high temperature. In order to investigate germination response of Canola to different temperatures, an experiment was conducted with five genotypes (including: Hayola05, Hayola232, R.S.J 553, Hayola251 and Hayola225) at nine levels of temperature (0, 15, 10, 25, 20, 35, 30, 25, and 20 °C) in the growth chamber. The Results indicated different correlations among the observed and simulated germination rate values for all genotypes of Canola at temperature less than 05C and upper than 355C . The base (Tb), optimum (TO) and maximum (TC) temperature for germination canola were obtained 3220 at 2223, 35215 at 33235 and 20 at 25200 respectively.

کلمات کلیدی:

Canola; Germination; Cardinal Temperatures