

Paper 155 – Sciences

SEED TREATMENT IN HOT WATER, COLD WATER AND WITHOUT SOAKING IN CAPSICUM FRUTESCENS L

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ABSTRACT

The purpose of this study was to evaluate the response of growth and production of *Capsicum frutescens* L. to the seed treatment, as well as to get the right temperature for the growth and production of *Capsicum frutescens* L.. This study used a randomized block design with five levels of treatment are: H0 without soaking as a control, H1 = cold water (23 0C), H2 = hot water (25 0C), H3 = hot water (35 0C), H4 = hot water (45 0C), which is repeated four times. Seed treatment used temperatures affect the germination, plant height, branch number, date of flowering and fruit weight *Capsicum frutescens* L. plants. The best treatment temperature is 35 0C for observation variables plant height, branch number, date of flowering, and fruit weight. While in the observation variable germinate is 45 0C.

Keywords: Seed Treatment, Water, Capsicum Frutescens L

