

Effect of solar heater boxes on seed quality of adzuki bean (*Vigna angularis*)

ABSTRACT

The effect of solar heater boxes on germination, moisture content and seedling characteristics of adzuki bean seeds *V. angularis* was determined using cardboard and plywood solar heater boxes. Results showed that, exposure to cardboard and plywood solar heater boxes did not show enormous effect on germination characters for adzuki bean seeds. In addition, experiment in oven was done for more verification. Exposure to temperatures of 40, 50, 60, and 70°C did not affect germination of adzuki bean seeds.

Keyword: *Vigna angularis*; Solar heater boxes; Constant temperatures; Seed quality; Adzuki bean