

ABSTRACT

Cocoa (*Theobroma cacao* L) is one of the plantation products that is a major contributor to the country's foreign exchange besides rubber and oil palm, the increase in cocoa plantations and cultivators today raises a new problem, namely how to provide quality seeds to support optimal yields. Quality seedlings are strongly influenced by the germination process and the growth of the sprouts themselves. This study aims to see the effect of variety type and drying time on cocoa seed germination. The research used a 2-factor completely randomized design (CRD) method with 3 replications. The variety type factor (V) consists of 2 levels, namely V1 = TSH 858 variety, V2 Sulawesi 1 variety. The drying time factor (P) consists of 3 levels, namely P0 = 0 hours drying, P1 = 5 hours drying, P2 = 10 hours drying. The observed variables were maximum growth potential, germination, growth uniformity, growth speed, and vigor index. The results showed that the treatment of type of variety and drying time had no effect on cocoa seed germination. There is no interaction between the treatment of type of variety and duration of drying on cocoa seed germination.

Keywords: cocoa, drying, Sulawesi 1, TSH 858.