

**EFFECT OF PLANT GROWTH HORMONES AND
THIOUREA ON SEED GERMINATION OF *Ceiba pentandra*
AND *Terminalia superba***

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ABSTRACT

Studies were made on the effects of four concentrations of two growth hormones and thiourea on the germination of pretreated seeds of *Ceiba pentandra* (Linn) Gaetrn and *Terminalia superba* (Eng. and Diels). Germination of *C. pentandra* were enhanced by Gibberellic acid (GA₃) in the light than in the dark and those of *T. superba* in both light and dark conditions. Indole Acetic Acid (IAA) did not enhance seed germination. Thiourea at 0.01 and 0.001ppm enhanced seed germination in the two tree species.

Key words: seeds, tropical trees, growth hormones, seed germination, *Ceiba pentandra*, *Terminalia superba*.