

**Research Title** Tissue culture of rare medicinal plant (*Polyalthia suberosa* (Roxb.)Thwaites) in Khao Somphot non-hunting area, Lopburi province

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**Year** 2009

### **Abstract**

*Polyalthia suberosa* (Roxb.)Thwaites. seed were used propagation study by tissue culture technique. The seeds were begin germinate at 14<sup>th</sup> day and highest germination is 54.54 percentage at 28<sup>th</sup> day. The shoot tips from seed germination were induced multiple shoot by MS medium supplemented with BAP (1:1), concentration at 0, 1, 2, 3, 4, 5 and 6 mg/l for 98 days. The results showed that MS medium with BAP 4 and 6 mg/l induced highest shoots average 2.50 and NAA couldn't induce root.