

# MICROPROPAGATION OF ANT TREE (*MYRMECODIA ARMATA* DC)

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## Summary

Ant tree (*Myrmecodia armata* DC) is a medicinal plant of *Rubiaceae* family. In this study, the initial protocol of *Myrmecodia armata* micropropagation was used examined; included: shoot regeneration, shoot proliferation, rooting and acclimatization. Leaf explants of *Myrmecodia armata* were cultured on MS medium supplemented with TDZ for shoot regeneration. Adventitious shoots efficiently developed from young leaf on MS medium containing TDZ 1,0 mg/l. The highest rate of adventitious shoot proliferation was induced on MS medium supplemented with 1,0 mg /l TDZ. Shoots were allowed to root *in vitro* on medium containing IBA 0,5 mg/l. 100% of rooted shoots survived transfer to the net house.

**Key words:** BA, *Myrmecodia armata* DC, IBA, micropropagation, TDZ