

# Micropropagation of *Eclipta alba* using Humic Acid as Media Component †

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**Abstract:** The potential of humic acid as a growth supplement in micropropagation of *eclipta alba* is reported in the present investigation. *Eclipta alba* explants were grown in MS media with BAP and Kinetin as growth factors, and it has been observed that BAP was more effective for in vitro regeneration of the explants. On the other hand, when humic acid was supplemented along with the growth factors, there is an increase in the shoot proliferation within a reduced period of time. The optimum concentration of humic acid required was found to be 300mg/100ml for the effective growth of explants. This study, therefore, supports the use of humic acid as a suitable growth supplement in micropropagation studies.

**Keywords:** Media component; micropropagation; progeny plants; tissue culture; *Eclipta alba*.

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## Conflicts of Interest

The authors declare no conflict of interest.