

# Induction of Various Types of Callus in *Eclipta alba*.

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**Abstracts**—During present study special emphasis was made to generate calluses of variety of kinds in *Eclipta alba*. Because it is known that development of callus is a proper route during plant regeneration. A very positive result was obtained in different combination of growth hormone as different kind of calluses were found to develop. These were deep black and tightly packed, light black spreading and diffused, transparent white and white mixed with green colour, transparent green callus and chalky white callus (Figure). The combination were MS media supplemented with  $N_1 K_1$ ,  $N_1 B_2$  and  $K_1 I_1$ .

It was also reported that the emerge calluses were of different kind in colour, shape and texture. This appears to be useful information for regeneration of *Eclipta alba* from callus.

