

## **INVITRO MULTIPLICATION OF CRATEVA ADANSONI ON MURASHIGE AND SKOOG MEDIUM (MS)**

*Yogesh Ugale & Mukul Barwant*

*Research Scholar, Department Botany, Sanjivani Arts, Commerce and Science College Kopargoan Ahmednagar,  
Maharashtra, India*

### **ABSTRACT**

*Invitro multiplication of *Crateva adansonii* is done with help of aseptic invitro methods. Tissue culture is in vitro aseptic culture of cells, tissue organ or whole plant is controlled under national condition to produce clone plants. These conditions are proper supplied with nutrients, pH, proper gasses and proper environment. This technique small pieces of tissues can be used to produced hundred plant produce single explant are multiplied into several thousand plants in short time period under controlled condition. A method of micropropagation through multiple shoot formation from axillary buds of mature tree and rootstock growths of *Crataeva adansonii* (DC) Prodr. (A multipurpose tree) has been developed. The successfully growth *Crateva adansonii* of done on artificial nutrient media (MS) and hormone and vitamin in aseptic condition it achieved. In this paper we are describing that the plant material sterilized the artificial media are prepared and on that media explant are inoculated then its feeding of different types of growth hormone such as auxin and cytokinin for the root and shoot formation.*

**KEYWORDS:** *Crateva Adansonii, Invitro Multiplication, MS Medium, BAA, IAA, NBA, Auxin, Gibbrelin*

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