

**EFFECT OF DIFFERENT CONCENTRATION OF BENZYL  
AMINO PURINE AND KINETIN HORMONES ON MICRO  
PROPAGATION OF AEROBIC RICE**

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## DECLARATION

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## **ABSTRACT**

### **EFFECT OF DIFFERENT CONCENTRATION OF BENZYL AMINO PURINE AND KINETIN HORMONES ON MICRO PROPAGATION OF AEROBIC RICE**

The study is to generate shoot from the direct seedling of MRJA 1 and to determine the effectiveness of combination of MS media vitamin with Benzyl Amino Purine (BAP) and Kinetin (Kn) on MRJA 1. treatment that has been used were 0.0mg/L BAP and Kn, 0.25mg/L BAP and 0.50mg/L Kn , 0.50mg/L BAP with 0.25mg/L Kn , 0.50mg/L BAP with 0.50mg/L Kn , 0.75mg/L BAP with 1.00mg/L Kn , 1.00mg/L BAP with 0.75mg/L Kn and 1.00mg/L BAP with 1.00mg/L Kinetin. In the present study, the combination of MS media vitamin with 0.50mg/L of BAP and 0.50mg/L of Kinetin is a best combination in proliferation and multiplication and length of shoot in aerobic rice. The best combination in determine the width of shoots respectively was MS media vitamin with 1.00mg/L of BAP and 1.00mg/L of Kinetin.