

## ABSTRACT

Effort to develop an efficient protocol of micropropagation for *Primula vulgaris* was done during the present study by using MS medium supplemented with different combinations and concentrations of auxins and cytokinins. Best callogenic response was observed on MS medium fortified with 2 mg/ml BAP + 1 mg/ml 2,4-D. Maximum shooting was achieved in medium supplemented with 0.4 mg/ml NAA + 0.2 mg/ml TDZ. However, root induction was achieved when shoots were shifted into MS medium fortified with 1 mg/ml IBA. Direct regeneration was observed on 1.5 mg/ml BAP + 0.5 mg/ml NAA. Frequent subculturing help in proliferation of plant. The root induction was achieved when shifted to MS medium supplemented with 1.5 mg/ml IAA.