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A CASE STUDY

Callus formation in *ferula jaeschkeana* vatke

■ R.K. SHARMA

SUMMARY

Callus was initiated from the petiole explants of *Ferula jaeschkeana* on a medium containing 2,4-D. The highest percentage of explants forming callus (92.5) and callus index (258) were obtained on medium supplemented with 1 mg^l⁻¹ 2,4-D. Among explants sizes and type tested for callus initiation, 10 mm long petiole gave maximum callus index. Small and large explants initiated a slight amount of callus. Addition of Kn in combination with 2,4-D enhanced the callus formation from the explants.

Key Words : Callus, *Ferula jaeschkeana*, Tissue culture

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