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Deciphering the growth pattern and phytohormonal content in Saskatoon berry (*Amelanchier alnifolia*) in response to in vitro cytokinin application

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Highlights

- Aromatic cytokinins were more effective than isoprenoid-type cytokinin
- Best shoot proliferation (30 shoots/explant) was obtained with 20 μ M *mT* treatment
- Cytokinins elicited plant tissue-specific accumulation of free indole-3-acetic acid
- Rooting of in vitro plantlets was observed at the lowest cytokinin concentrations

Abstract

Clonal propagation plays a critical integral role in the growth and success of a global multi-

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