

EFFECTS OF 6-BENZYLAMINOPURINE, THIDIAZURON AND TYPE OF EXPLANT ON *IN VITRO* SHOOT DEVELOPMENT OF *ACER PLATANOIDES* L.

Leena Lindén^{1*} and Anu Riikonen²

¹Department of Applied Biology, P.O. Box 27, FI-00014 University of Helsinki, Finland,
*Fax.: +358-9-19158582, *E-mail: leena.linden@helsinki.fi

²Department of Forest Ecology, P.O. Box 27, FI-00014 University of Helsinki, Finland

REFERENCES

- Cheng T.-Y. (1978). Clonal propagation of woody plant species through tissue culture techniques. Proceedings of the International Plant Propagators Society, 28: 139-155.
- Đurković J. (1996). *In vitro* regeneration of Norway maple (*Acer platanoides* L.). Biologia Plantarum, 38: 303-307.
- Huetteman C. A., Preece J. E. (1993). Thidiazuron: a potent cytokinin for woody plant cell tissue culture. Plant Cell, Tissue and Organ Culture, 33: 105-121.
- Kerns H. R., Meyer M. M. Jr. (1986). Tissue culture propagation of *Acer x freemanii* using thidiazuron to stimulate shoot tip proliferation. HortScience, 21: 1209-1210.
- Lloyd G., McCown B. (1980). Commercially feasible micropropagation of mountain laurel, *Kalmia latifolia*, by use of shoot-tip culture. Proceedings of the International Plant Propagators' Society, 30: 421-427.
- Marks T. R., Simpson S. E. (1990). Reduced phenolic oxidation at culture initiation *in vitro* following the exposure of field-grown stockplants to darkness or low levels of irradiance. Journal of Horticultural Science, 65: 103-111.
- Marks T. R., Simpson S. E. (1994). Factors affecting shoot development in apically dominant *Acer* cultivars *in vitro*. Journal of Horticultural Science, 69: 543-537.
- Preece J. E., Huetteman C. A., Ashby W. C., Roth P. L. (1991). Micro- and cutting propagation of silver maple. I. Results with adult and juvenile propagules. Journal of the American Society for Horticultural Science, 116: 142-148.
- Preece J. E., Imel M. R. (1991). Plant regeneration from leaf explants of *Rhododendron* 'P.J.M. hybrids'. Scientia Horticulturae, 48: 159-170.
- Wilhelm E. (1999). Micropropagation of juvenile sycamore maple via adventitious shoot formation by use of thidiazuron. Plant Cell, Tissue and Organ Culture, 57: 57-60.