Propagation of Ornamental Plants
Vol. 13, № 4, 2013: 149-153

THE EFFECT OF THE FERTILISATION SCHEDULE DURING THE PROPAGATION PERIOD OF THE WITCH-HAZEL (*HAMAMELIS MOLLIS* OLIV. EX FORB. & HEMSL.) ON THE SUCROSE PROFILE: THE RELATION WITH HARDENING

Gregor Osterc* and Franci Štampar

University of Ljubljana, Biotechnical Faculty, Chair for Fruit Growing, Viticulture and Vegetable Growing,
101 Jamnikarjeva str., 1000 Ljubljana, Slovenia,
*Fax: +386-1-4201088, *E-mail: gregor.osterc@bf.uni-lj.si

REFERENCES

Carney M., Whitcomb C. E. (1983). Effects of 2 slow-release fertilizers on the propagation and subsequent growth of 3 woody plants. Journal of Environmental Horticulture, 1: 55-58.

Cheffins N. J., Howard B. H. (1982). Carbohydrate changes in leafless winter apple cuttings. I. The influence of level and duration of bottom heat. Journal of Horticultural Science, 57: 1-8.

Druege U. (2009). Involvement of carbohydrates in survival and adventitious root formation of cuttings within the scope of global horticulture. *In:* Niemi K., Scagel C. (Eds). Adventitious root formation of forest trees and horticultural plants – from genes to applications. Research Signpost, Kerala, India: 187-208.

Jacob M., Plietzsch A., Schulze K. (1991). Results of model trials on the rooting of ornamental trees and shrubs. Gartenbau Magazin, 38: 44-46.

Larcher W. (2003). Physiological Plant Ecology. Ecophysiology and Stress Physiology of Functional Groups. 4th ed. Springer Verlag, Stuttgart, XX + 513 pp.

MacCarthaigh D., Eble G. (1989). Einsatz von Depotdüngern in Stecksubstraten. Deutsche Baumschule, 41: 228-230.

Nair A., Zhang D., Smagula J., Hu D. (2008). Rooting and overwintering stem cuttings of *Stewartia pseudocamellia* Maxim. relevant to hormone, media, and temperature. HortScience, 43: 2124-2128.

Plietzsch A. (1993). Propagation of poorly rooting woody ornamentals. Effect of different growth regulating chemicals tested. Gartenbau Magazin, 2: 62-63.

Spellerberg B. (1985). Verbesserung des Vermehrungserfolges bei schwer vermehrbaren Laubgehölzen. I. Der Einfluss des Vermehrungsklimas auf Inhaltsstoffe und weiteres Wachstum der bewurzelten Stecklinge. Gartenbauwissenschaft, 50: 71-77.

Spellerberg B. (1986). Verbesserung des Vermehrungserfolges bei schwer vermehrbaren Laubgehölzen. II. Stecktermin und wachstumsfördernde Massnahmen für Austriebsleistung und anschliessende Überwinterungsrate der bewurzelten Stecklinge. Gartenbauwissenschaft, 51: 159-165.

Spethmann W. (1997). Autovegetative gehölzvermehrung. *In*: Krüssmann G. (Ed.). Die Baumschule. Parey Verlag, Berlin, Germany: 382-449.

Štefančič M., Vodnik D., Štampar F., Osterc G. (2008). The effect of a fogging system on the physiological status and rooting capacity of leafy cuttings of woody species. Trees, 21: 491-496.

Veierskov B. (1988). Relations between carbohydrates and adventitious root formation. *In*: Davis T. D., Haissig B. E., Sankhla N. (Eds). Adventitious Root Formation in Cuttings. Dioscorides Press, Portland, USA: 70-78.