

INFLUENCE OF SUCROSE CONCENTRATION ON *IN VITRO* MULTIPLICATION OF *RIBES RUBRUM* SPECIES

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Abstract. Sucrose is one of the major sources of carbon and energy to the culture media used for *in vitro* cultures of plants. In this article, was studied the influence of different sucrose concentrations on *in vitro* multiplication of the species *Ribes rubrum* (15 g/l, 30 g/l, 45g/l, 60g/l) on MS culture medium containing half macroelements supplemented with growth regulators BA (0.2 mg/l), IBA (0.01 mg/l) at pH=5.7–5.8. The highest multiplication rate was observed using the culture medium with a sucrose concentration of 45g/l.

Key words: *Ribes rubrum*, sucrose concentration, micropropagation

Received: June 5, 2011
Accepted: August 27, 2011

