

## IN VITRO PROPAGATION OF THE YELLOW EVERLASTING (*HELICHRYSUM ARENARIUM* (L.) MOENCH) FROM ROOT EXPLANTS

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### Abstract

The aim of this work was to develop a reliable and most effective method of *in vitro* production of yellow everlasting (*Helichrysum arenarium* (L.) Moench). Shoot regeneration was induced by adventitious buds formation on root explants coming from seedlings obtained *in vitro*. A significant increase of the shoot proliferation rate was observed on yellow everlasting following an application of 1.0 mg l<sup>-1</sup> BA - mean 25.77 shoots per explant. No differences were observed between IAA and NAA as regards their effect on rhizogenesis but the rooting percentage was high even without auxin (94%).

**Key words:** auxins, benzyladenine, *Helichrysum arenarium*, rooting, shoot organogenesis

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