



Studii preliminare privind reactivitatea diferențiată a explantelor de gerbera (*Gerbera athene* și *Gerbera jamesonii*), în vitro cultură pe medii cu variați regulatori de creștere

BLIDAR C. F., CACHIȚĂ-COSMA Dorina,
ȘANDOR Teodora - Universitatea din Oradea

It was studied, in parallels, the reactivity of gerbera foliare explants, prelevated from two species of *Gerbera* genus, cultivated "in vitro" in identically ecophysiological conditions, on medium with various growth phytohormones. On an complete base medium, there was inoculated basal-limb explants, with there sizes contents between 10-15 mm in width, prelevated from vitrocultures 15 weeks old. The experiments results, that the differentiated reactivity of explants in the same concentration, cultivated on identically base medium, but with different concentration of growth regulators. Therefore, by *G. athene* explants that was find the most powerfully calusogenesis and rizogenesis processes was record on an medium with 2,4-D 1 mg/l; the same phenomenon at *G. jamesonii* explants, with highest intensity, that was recorded on medium with 1 mg/l NAA.