



Researches regarding the analysis of the factors that influence the embryogenesis in microspore cultures of *Brassica napus*

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In order to develop an efficient technique of microspore culture for oilseed rape, we studied the influence of the developmental stage of floral buds on the embryogenesis potential of in vitro culture of microspores. We observed that the floral buds size may be a good indicator of the microspores developmental stage. For this purpose we determined the mean number of nucleus per microspore in five genotypes of *Brassica napus* at different developmental stages of floral buds. This index was correlated with the microspores embryogenesis capacity cultivated on MS medium supplemented with 1 mg/l 2,4D and 1 mg/l BAP.