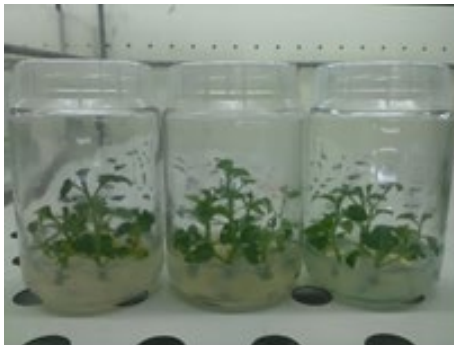


Biotechnology for *in vitro* propagation of the *Physalis peruviana* species

Main features

- the technology is intended for the production of planting material of *Physalis peruviana* (ground cherries) through *in vitro* propagation.
- the working methodology consists of inoculating *Physalis peruviana* seeds on MS culture medium (Murashige - Skoog, 1962) without growth regulators, under sterile conditions in a laminar airflow hood; transfer of explants that have started growing on MS medium supplemented with 0,4 mg/l ANA (naphthylacetic acid) in order to stimulate regeneration and shoot elongation; transfer of regenerated microshoots in the multiplication phase to MS medium with mineral salts reduced by half, supplemented with 1 mg/l IBA (indolylbutyric acid) in order to induce rhizogenesis; acclimatization and fortification of *in vitro* regenerated plants.



Aspects of *in vitro* culture



Plant acclimatized in pot