



PHYTOCOPY

**Applying Innovative Technologies
for the Advancement of Knowledge
and Application of Cannabis
Tissue Culture**



From little starting material plants are grown using tissue culture methods to produce healthy clones ready for growing, as either mother plants or directly for cultivation.



Modern procedures enable us to effectively

- Control plant growth with the latest technology
- Monitor development of the plants
- Determine the ideal growing conditions
- Optimize each factor of the tissue culture process
- Grow certified disease-free plants

Plant tissue culture methods are used to efficiently produce and maintain cannabis plants under sterile conditions.

The benefits

- Genetically identical clones
- Producing an exponential number of plants
- Uniform growth and development
- Small-scale storage for valuable strains



PHYTOCOPY

647-887-1448

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PhytoCopy's Competitive Advantage

- Multi-Spectral Light analysis developed for rapid change detection
- Rapid scalability with proven workflow
- Optimized micropropagation process with high survival and success rate
- Disease-free and genetically identical plants
- Recovery procedures established to manage unforeseen issues
- Latest advancements implemented in environmental control systems

Application

- Micropropagation for commercial plant production
- Efficient and safe storage of plant genetics
- Virus elimination with meristem cultures
- Embryo rescue of older/less viable seeds

How PhytoCopy can Help You

- Facility Design and Set Up
- Consulting Services
- SOP Development and/or Transfer
- Tissue Culture Staff Training
- Research Production Systems
- Managing and Operating Third-Party or In-House Tissue Culture Operations



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