

# Micropropagation for production of quality potato seed in Asia-Pacific

Asia-Pacific Consortium on Agricultural Biotechnology - Micropropagation



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## Micropropagation

Highlighting about the use of the technology, Dr. His research also entails studying comparative epidemiology of seed degeneration to identify and understand scenarios whereby on-farm management, resistant varieties, and seed replacement management strategies would be most optimal. Further multiplication of potato seed tubers under aeroponics also compliments tissue culture micropropagation, as it clones minitubers in a short time and reduces numerous labour steps associated with direct use of plantlets from tissue culture into the field in the post flask stage.

### Figure 1 from The Production of Seed Potatoes by Hydroponic Methods in Brazil

Besides, conservation tillage and on farm crop residue management are required to increase input use efficiency. Through a model farm approach, the project has built a potato farmer network that provides technical and marketing services, knowledge and high-quality potato seed. I am sure this publication will be useful to the scientists and entrepreneurs interested in establishing banana tissue culture infrastructure as well as to the farmers interested in growing banana as a commercial crop for higher productivity and profitability.

### Figure 1 from The Production of Seed Potatoes by Hydroponic Methods in Brazil

Plantlets, microtubers, and minitubers will be planted in the field for seed increases of pathogen-free stocks of advanced clones for further evaluation.

## Micropropagation of Potato ( *Solanum tuberosum* L.)

Over the last 40 years, CIP has actively collaborated with national and international partners in Asia.

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