

Production of Disease-Free Planting Material of Citrus

The STG and containerized technology of disease-free Nursery protocol standardized. Distributed >50 lakhs mother plants of different citrus cultivars and revenue of **Rs.15 crores** generated. An area of **18000 ha** brought under disease-free plantation of citrus, which will increase quality production and productivity of orchard life.

STG & containerized disease-free nursery protocol licensed with **Eight Firms**:

M/s H.U. Gugle Agrobiotech Company, Ahmednagar (MS); M/s Karunamaya Agrotech, Nagpur (MS); M/s Seven Star Fruits Pvt. Ltd, Mumbai (MS); M/s Shivam Nursery, Nagpur (MS); M/s Green Valley, Nagpur (MS); M/s Pratima Biotech Pvt. Ltd., Raipur (CG); M/s Jai Hind Nursery (Rajasthan) & M/s Shivar Nursery, Nagpur (MS)



Mother Plants



Primary Nursery



Secondary Nursery



MoU with M/s Pratima Biotech

Micro budding of Commercial Citrus cultivars

Micro budding for fast propagation and shortening the nursery phase to 12 months from 18 months in conventionally budded plants.

Impact : Reduces production cost of nursery plants by 30%.

The Micro-budding protocol licensed with M/s KJB Agro, Ootacamund (Tamil Nadu) by signing MoU.



Micro budded plant

Carbonated drinks & RTS from Nagpur mandarin and acid lime

The Ready to Serve (RTS) beverages from limes and carbonated (fizzy) drinks from limes and Nagpur mandarin the most recognized and globally accepted fruit drinks. Ready to serve beverages (RTS) contains 5-6 % of fruit juice. Carbonated drinks prepared with fruit juice(15%). Preservative used as per FSSAI regulations.

Impact : Product commercialized and technology transfer agreement signed with entrepreneur M/s. Paliwal Udyog, Mohpa (Maharashtra).



RTS and Carbonated drink from Nagpur mandarin and acid lime fruits

Value added product : Acid lime nutri-jelly

The acid lime nutri-jelly is enriched with nutrients having healthy options for children and all age group. It is a source of secondary income to farmers and start-up to set a micro-industry.

The technology of Manufacturing of Acid lime nutri-jelly transferred to M/s Ashok Agro, Nagpur (Divyang) as an incubatee under ABI.



MoU with M/s Ashok Agro, Nagpur



Acid lime Nutri-jelly