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To

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The Editor,
Sir,

I request that the following message may kindly be published in your esteemed daily:

**TNAU organized Plant Tissue Culture Future of farming for
sustainable agriculture**

Plant Tissue Culture techniques offers scope of producing quality plantlets through large scale multiplication for benefit of the farmers. This innovation aids in revolutionizing agriculture and take the future of farming in right direction for sustainable crop production. India's plant tissue culture business is growing year over year due to the success of the tissue-cultured banana plants being cultivated on large scale by farmers. The importance of this technology, challenges and opportunities are highlighted during the Hands on training session on "Plant Tissue Culture Techniques," held at Tamil Nadu Agricultural University (TNAU), Coimbatore December 09 to 12, 2025. The training organized by the Department of Plant Biotechnology, Centre for Plant Molecular Biology and Biotechnology has brought together participants from diverse fields including academicians, scholars, entrepreneurs, researchers and science enthusiasts from all over India, including Andhra Pradesh, Karnataka, Kerala, Madhya Pradesh, Uttarkhand, Uttar Pradesh and Tamil Nadu to have hands on experience of this wonderful technology.

The session began with a warm welcome address by Dr. E. Kokiladevi, Professor and Head, Department of Plant Biotechnology. In her remarks, she narrated the scope of the plant tissue culture and emphasized role of tissue culture in evolving plants with improved traits. Dr. N. Senthil, Director of the Centre for Plant Molecular Biology and Biotechnology, in his inaugural address presented an overview of the training programme, and emphasized how plant tissue culture would address global food security for sustainable crop production He highlighted the opportunities and challenges amidst the huge demands of the tissue culture plants in Indian Market for various crops backed by recent statistics.

A special address by Dr. R. Ravikesavan, Director of the Centre for Plant Breeding and Genetics, underscored the scope and technical aspects of the tissue culture and briefed important

milestones in plant tissue culture. He emphasized word of caution for ensuring the quality of plantlets produced through tissue culture over quantity and need for the trained manpower to take up tissue culture as business venture.

Over 30 participants were introduced to the hands-on training on the basics and practices of plant tissue culture aimed at propagating high-yielding, disease-free crops in agriculture, horticulture and forest tree species. Dr. S. Rajesh, Associate Professor (Biotechnology) and training organizer acknowledged the resource persons and participants for making this event successful and envisaged trainees would benefit and replicate the success of these innovative techniques for better agriculture in future.

Public Relations Officer