



सत्यमेव जयते

DEPARTMENT OF BIOTECHNOLOGY  
GOVERNMENT OF INDIA

# An overview of National Certification System for Tissue Culture Raised Plants (NCS-TCP)



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The Referral Laboratory is responsible for carrying out confirmatory tests in the event of dispute or nonconformity of test results, developing standard protocols, validating protocol and diagnostic reagents, maintenance of referral material, training of technical personal working at accredited test laboratories (ATLs), providing diagnostic reagents to ATLs. The Referral Laboratory will not involve in routine Virus diagnosis/Genetic fidelity/ uniformity testing of tissue culture raised plants, however as per the decision of the DBT, the Referral Laboratories will undertake random testing of samples at different Test Laboratories.

#### **1.2.4 Accredited Test Laboratories**

Test laboratories are accredited entities, responsible for testing the Tissue Culture material for Virus diagnosis and Genetic fidelity/ uniformity, for the purpose of certification. The Test laboratory prepares a Test Report based on tests conducted in conformity with the standards/protocols/guidelines. Based on the Test Report, each Accredited Test Laboratory (ATLs) is authorized to issue the Certificate of Quality for the Tissue Culture Plant (CQ-TCP) along with certification label on behalf of the Tissue Culture Certification Agency. ATLs are responsible for maintaining all diagnostic kits, primer, probes etc required for routine testing. Each ATL would perform both tests-for virus diagnosis and true-to-type. 5 ATLs have been identified by DBT under NCS-TCP to cater to demand of testing and certification of Recognized TCPFs

- National Research Centre for Banana (NRCB), Trichy
- University of Agricultural Science (UAS), Bangalore
- Vasantdada Sugar Institute (VSI), Pune
- Indian Institute of Sugarcane Research (IISR), Lucknow
- Central Potato Research Institute (CPRI), Shimla

Contact detail of the above Accredited Test Laboratories is at **Annexure 1**.

#### **1.2.5 Recognized Tissue Culture Production Facilities**

Commercial Tissue Culture Production Facility with minimum production capacity of 0.5 million plants per annum may get Recognition based on their compliance with NCS-TCP guidelines which is assessed by the Accreditation Panel (AP). All the activities of tissue culture production facility including hardening facility needs to be

operational at the time of comprehensive assessment by the AP. Comprehensive assessment report prepared by AP includes observation on infrastructure, technical/scientific expertise and package of practices. Recognized Tissue Culture Production Facilities are eligible to get their planting material certified from Accredited Test Laboratory. Recognized Tissue Culture Production Facility should adopt Standard Operating Procedure (SOP) and maintain all relevant records. Recognition of Tissue Culture Production Facility is granted for a period of TWO YEARS thereafter it would be re-assessed for "Renewal of Recognition." List of recognized tissue culture companies and their contact details are at **Annexure 2**.

**Annexure-2: List of Recognized Tissue Culture Production Facilities**

S.No.	Companies Name	Name of Incharge	Address	Contact No.
1	ABC Agrobiotechnology Pvt. Ltd.	Mr. Ghanshyam Patel General Manager	347-744, Sardarnagar Industrial Co- Op. Society Estate, Village- Chhapara, Ta.Mahmedabad , Dist. Kheda, Gujarat	9825009848/ 9825702471
2	ACE Agro Technologies	Mr. A. Biju Managing Partner	Plot no 12, Angels Colony, Besides Nanda Reddy Gardens, Kompally Village, Secunderabad- 500014, Telangana	9849795633/ 8497954555/ 9032690326 Ph.: 040-65443099
3	Adithya Biotech Lab & Research Pvt. Ltd.	Ms. Shubhika Jain Director	RITEE-Head Office, Near Bal Ashram, Kutchery Chowk, Jail Road, Raipur- 492001, Chhattisgarh	+91 -9522292120, +91- 9522292121
4	Ajeet Seeds Pvt. Ltd.	Mr. Anand Vithalrao Jadhav Sr. Manager-	Gut. No. 233, At. Post Chitegaon- 431105, Tq. Paithan, Aurangabad, Maharashtra	M: 9921774499 Ph: 02431-251444/5
5	Annai Meenashi	Mr. A. Murugan Marketing Director	No. 2/253, B1, NB Agaraharam, Hosur-635109, Tamil Nadu	9942060111
6	Atul Rajasthan	Mr. B.N. Mohanan Managing Director	Rajkiya Paudhshala, Chopasni, Nandanvan P.O, Jodhpur-3842008	Ph.: 0291-2752167/ 0291-2752168

42	Maliba Research Center for Excellence in Tissue Culture	Prof. Ramar Krishnamurthy Head of Department	Maliba Research Center for Excellence in Tissue Culture C.G. Bhakta Institute of Biotechnology, Uka Tarsadia University Maliba Campus, Gopal Vidya Nagar, Tarsadi, Bardoli-Mahuva Road Ta. Mahuva, Bardoli, Surat Dist.-394350, Gujarat	02625-254122
43	Mysore Organic Farms Pvt. Ltd.	Dr. Maruthi B.N Director	Tissue Culture Laboratory, S.No. 87/4, Lingambudipalya, Srirampura Post, Mysore- 570008, Karnataka	9880530404/ 9900053340
44	Natural Life Sciences	Mr. Yogesh Patel Managing Director	Sr. No.- 924, Sarsa-Khanpur Road, At. Po.- Sarsa, Ta. & Dist.- Anand, Gujarat, Post Box No.-05, Pin- 388365	9427787951
45	Nirmal Seeds Pvt. Ltd.	Mr. R.O. Patil Managing Director	P.O. Box No.63, Bhadgaon Road Pachora, Pachora Dist. Jalgaon- 424201	02596 244045/ 02596 244973
46	Nishant Biotech	Mr. Satish Kapil Managing Director	Village- Padyalag, P.O. Dadhol, Tehsil: ghumarwin, Dist: Bilaspur, Himachal Pradesh-174021	9418839923/ 9817141154

72	Thopte Biotech Pvt. Ltd.	Dr. O.S. Thopte Director	Hartali Tal-Khandala, Dist. Satara, Near Bhatghar Dam	02024220815 9404963606
73	Thulasi Bio-tech	Mr. J.S. Arul Thulasi Bio-tech	No. 3/16. M.K. Vattam, Ealagiri Village Post, Pakkirthakka (Via), Jolarpettai-635853, Vellore, Tamil Nadu	9443967703
74	Tirupati Fresh Agro Crop Science Pvt. Ltd.	Mr. Laxman Singh Kag Managing Director	218, Sirvi Mohalla, Village-Sirly, Tehsil-Barwaha, Dist. Khargone, Madhya Pradesh-451115	07280-222888 9479457751/ 9479405221
75	Vasant Tissue Culture Laboratory	Mr. Ravindra V. Chavan Secretary	Education Society, Naigaon, Dist. Nanded, Maharashtra, Lalwandi Road, Naigaon Bazar, Tq. Naigaon Kh., Dist. Nanded	02465-262599 9422413731/ 9850128779
76	Vitrigold Biotech Pvt. Ltd.	Mr. Manharsinh R. Parmar Director	At & Po. Zakhariya, Ta & Dist. Anand-388110	9825878526
77	Vitroplant	Mr. V. Madhu Proprietor	Plot No. 119&120, Bhagyalkshmi Coloni, Jeedimetla(Vill), Quthbullapur, Hyderabad-54	9502455554
78	Yash Biotech	Smt. Shashikala Chaurasia Head of Organization	H. No. 508-B, 5th Floor, Ravi Bhavan, Jaistambh Chowk, Raipur, Chhattisgarh-492001	9329520978/ 9329362590/ 0771-4052686