

List of Approved On-going Projects

S.No	Institute Code	Title of the project and Investigator(s)
CROP IMPROVEMENT		
1	Br.2.	Evolving superior varieties of FCV tobacco through hybridization K. Sarala, P V Venugopala Rao, A.V.S.R. Swamy, K. Prabhakara Rao, U. Sreedhar, K. Siva Raju and S. K. Dam
2	Biotech-6	Molecular Mapping of Important Tobacco Traits K. Sarala, K. Prabhakara Rao, K. Siva Raju and P.V. VenugopalaRao
3	Biotech-11	Biogenesis and regulation of TSNA (Tobacco Specific Nitrosamines) in Tobacco K. Prabhakara Rao, K. Sarala, K. Siva Raju, J. Poorna Bindu and D. Damodar Reddy
CROP PRODUCTION		
4	A-83	Chemical management of <i>Orobanche</i> in FCV tobacco S. Kasturi Krishna, S.V. Krishna Reddy, V.S.G.R. Naidu and S.K. Dam
5	A-84	Studies on false maturity and its mitigation strategies in FCV tobacco growing regions of Andhra Pradesh S.V. Krishna Reddy, M. Anuradha, S. Kasturi Krishna, P. Venkateswarlu and K.C.Cahnchaiah
6	Ag. Extn-50	Technology evaluation demonstration and impact analysis Y. Subbaiah and K. Suman Kalyani
7	ARIS-15	Tobacco Agridaksh: An online expert system H. Ravisankar, D. Damodar Reddy, U. Sreedhar, K. Siva Raju, K. Sarala, S. Kasturi Krishna, M. Anuradha, Sudeep Marwah (ICAR-IASRI) and N. Srinivasa Rao (ICAR-IASRI)
CROP CHEMISTRY AND SOIL SCIENCE		
8	OC-24	Studies on chemical constituents responsible for smoke flavour in FCV tobacco grown under different agro climatic zones K. Siva Raju and D. Damodar Reddy
9	SSMB-12	Tobacco (<i>Nicotiana tabacum</i>) leaf and stem assisted green synthesis of silver nanoparticles and evaluation of its antimicrobial activity against agricultural plant pathogens D.V. Subhashini
10	SS-31	Evaluation of crop residue and wood ashes effects on soil fertility and potassium nutrition of tobacco D. Damodar Reddy, J. Poorna Bindu, S. Kasturi Krishna, M. Mahadevaswamy, L.K. Prasad and C. Chandrasekhara Rao

11	SS-32	Evaluation of organic and inorganic soil amendments to minimize nutrient leaching losses and enhance nutrient use efficiency under NLS tobacco production system J. Poorna Bindu and D. Domodar Reddy
12	SSK-2	Assessment of leaf quality of FCV tobacco using hyper-spectral radiometric remote sensing techniques L.K. Prasad M. Anuradha, M. Prabhakar (CRIDA) and D. Damodar Reddy
13	SS-33	Energy management strategies for curing FCV tobacco C. Chandrasekhara Rao, D. Domodar Reddy, K.Siva Raju, L.K. Prasad, S. Kasturi Krishna, M. Anuradha and M. Mahadevaswamy
14	SS-34	Evaluation of soil fertility and development of online nutrient recommendation system for FCV tobacco L.K. Prasad, J. Poorna Bindu, D. Domodar Reddy, H. Ravi Sankar and C. Chandrasekhara Rao
CROP PROTECTION		
15	E-81	Bio efficacy and field evaluation of new pesticides against tobacco insect pests and diseases U. Sreedhar, G. Raghupathi Rao and S.K. Dam
CTRI RESEARCH STATION: JEELUGUMILLI		
16	JL.Br.2.1	Evolving flue-cured tobacco varieties having high yield and better quality suitable for NLS area of Andhra Pradesh A.V.S.R. Swamy, K. Sarala and K. Prabhakara Rao
17	E-82	Evaluation of insecticide application technology for the effective spray coverage on FCV tobacco in NLS G. Raghupathi Rao and U. Sreedhar
CTRI RESEARCH STATION: GUNTUR		
18	EG.14	Validation of IPM module against tobacco aphid, <i>Myzus nicotianae</i> under CBS conditions P. Venkateswarlu
CTRI RESEARCH STATION: KANDUKUR		
19	K.Br.6	Breeding FCV Tobacco varieties for yield and quality under Southern Light Soil (SLS) conditions

		P. V. Venugopala Rao, K.C. Chenchaiyah and A.V.S.R. Swamy
20	Phy.K-1	Abiotic stress management interventions for climate resilient flue cured tobacco production in SLS Domain of A.P M. Anuradha, D. Damodar Reddy, L.K. Prasad, J. Poorna Bindu and K.C. Chenchaiyah
21	EK-19	Evaluation of IPM modules for the management of caterpillar and aphid in FCV tobacco under SLS conditions K.C. Chanchaiyah
CTRI RESEARCH STATION: HUNSUR		
22	Br.19	Development and evaluation of F ₁ hybrids of FCV tobacco suitable to Karnataka light soil region C. Nanda, M. Mahadevaswamy, S. Ramakrishnan and S. S. Sreenivas
23	N-20	Integrated management of root- knot nematodes in FCV tobacco S. Ramakrishnan and P.Nagesh
24	A-41	Studies on climate Risk Management practices for FCV tobacco based cropping system in STZ of Karnataka M. Mahadevaswamy and C. Chandrasekhara Rao
25	A-42	Evaluating the alternative nutrient source to provide balanced nutrition for Flue-cured tobacco grown in KLS region M. Mahadevaswamy
CTRI RESEARCH STATION: VEDASANDUR		
26	B.50	Breeding non FCV tobacco types for desirable traits A.V.S.R. Swamy, M.Kumaresan and R.Rajendran
27	A-	Integrated weed management in chewing tobacco M. Kumaresan
CTRI RESEARCH STATION: DINHATA		
28	A-10	Permanent manurial experiment with <i>Motihari</i> tobacco Sunil Mandi and D. Damodar Reddy
Externally funded projects		
1	Consortia Platform-on Phytochemicals / High value compounds	Characterization, value addition and utilization of tobacco seed oil and its by-products K. Siva Raju and D. Damodar Reddy

	(ICAR)	
2	NICRA (National Innovations in Climate Resilient Agriculture, Hyderabad)	Gender specific adoptions programmes in response to climate change in coastal Eco- systems Suman Kalyani, H. Ravi Shankar, S. Kasturi Krishna and D. Damodar Reddy