

ON GOING PROJECTS -2018-19

CROP IMPROVEMENT

Sl. No	Institute Code Number	Title of the project	Name(s) of the Investigators
1.	Br-2	Evolving superior varieties of FCV tobacco through hybridization	Dr. K. Sarala Dr. A V S R Swamy Dr. K. Prabhakara Rao Dr U. Sreedhar, Dr S. K. Dam
2.	Biotech-6	Molecular Mapping of Important Tobacco Traits	Dr. K. Sarala Dr. K. Prabhakara Rao
3.	Biotech-11	Biogenesis and regulation of TSNA (Tobacco Specific Nitrosamines) in Tobacco	Dr. K. Prabhakara Rao Dr. K. Sarala Dr J. Poorna Bindu Dr D. Damodar Reddy

CROP PRODUCTION

Sl. No	Institute Code Number	Title of the project	Name(s) of the Investigators
4.	A-83	Integrated management of <i>Orobanche</i> in FCV tobacco	Dr.S. Kasturi Krishna Dr.S.V. Krishna Reddy Dr V.S.G.R. Naidu Dr SK Dam
5.	A-87	Productivity enhancement and cost cutting interventions for increased farm income in nls tobacco production system	Dr.S.V. Krishna Reddy
6.	A-86	Crop intensification and diversification for higher system productivity and profitability on tobacco growing Vertisols	Dr T. Kiran Kumar Dr D. Damodar Reddy Dr. C. Chandrasekhara Rao
7.	Ag. Extn-50	Technology evaluation demonstration and impact analysis	Dr Y. Subbaiah Dr Suman Kalyani

8.	Ag. Extn-51	Constraint analysis and crop diversification options in FCV tobacco growing areas	Dr. Hema Baliwada
9.	ARIS-16	Mobile app and e-advisory portal on GAPs of FCV tobacco	Dr H. Ravisankar
10.	Agrl. Econ-1	Critical evaluation of tobacco sector and its socio-economic impacts	K. Viswanatha Reddy Dr Hema Baliwada Dr A. Srinivas

CROP CHEMISTRY AND SOIL SCIENCE

Sl. No	Institute Code Number	Title of the project	Name(s) of the Investigators
11.	OC-24	Studies on chemical constituents responsible for smoke flavour in FCV tobacco grown under different agro climatic zones	Dr. C.C.S. Rao Dr. D. Damodar Reddy
12.	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	Dr D.V. Subhashini
13.	SS-33	Investigations on various options for effective use of oil palm biomass waste	Dr J. Poorna Bindu Dr Kiran Kumar Tirumala K. Viswantatha Reddy Dr C.C.S. Rao Dr D. Damodar Reddy

CROP PROTECTION

Sl. No	Institute Code Number	Title of the project	Name(s) of the Investigators
14.	E-81	Bio efficacy and field evaluation of new pesticides against tobacco insect pests and diseases	Dr U. Sreedhar Dr G. Raghupathi Rao Dr S.K. Dam

15.	E-86	Studies on insect transmitted viral diseases in tobacco	Dr V. Venkateswarlu B. Sailaja Jayasekharan Dr. K. Prabhakara Rao Dr. G. Raghupathi Rao
16.	E-87	Studies on role of arthropod diversity in tobacco pest management	B. Sailaja Jayasekharan Dr U. Sreedhar Dr V. Venkateswarlu

CTRI RESEARCH STATION: JEELUGUMILLI

Sl. No	Institute Code Number	Title of the project	Name(s) of the Investigators
17.	JL.Br.2.1	Evolving flue-cured tobacco varieties having high yield and better quality suitable for NLS area of Andhra Pradesh	Dr A.V.S.R. Swamy Dr K. Sarala Dr K. Prabhakara Rao

CTRI RESEARCH STATION: GUNTUR

Sl. No	Institute Code Number	Title of the project	Name(s) of the Investigators
18.	EG.16	Studies on monitoring and management of tobacco leaf curl caused by whitefly, <i>Bemisia tabaci</i> Gennadius in SBS	Dr P. Venkateswarlu Dr U. Sreedhar

CTRI RESEARCH STATION: KANDUKUR

Sl. No	Institute Code	Title of the project	Name(s) of the Investigators
19.	K.Br.6	Breeding FCV Tobacco varieties for yield and quality under Southern Light Soil (SLS) conditions	Dr P.V.Venugopala Rao Dr K.C. Chenchiah, Dr 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	Dr. M. Anuradha Dr D. Damodar Reddy, Dr L.K. Prasad, Dr J. Poorna Bindu Dr K.C. Chenchiah
21.	EK-19	Evaluation of IPM modules for the management of caterpillar and aphid in FCV tobacco under SLS conditions	Dr. K.C. Chanchiah
22.	Phy.K-2	Soil, water and crop management strategies to mitigate climate induced changes in rain fed ecosystem of south coastal A.P.	Dr M. Anuradha Dr D. Damodar Reddy Dr K.C. Chenchiah Dr B. Krishna Rao Dr K. Sammi Reddy

CTRI RESEARCH STATION: DINHATA

Sl. No	Institute Code	Title of the project	Name(s) of the Investigators
23.	A-10	Permanent manurial trail on <i>Motihari</i> tobacco	Sunil Mandi Dr D. Damodar Reddy

CTRI RESEARCH STATION: HUNSUR

Sl. No	Institute Code	Title of the project	Name(s) of the Investigators
24.	Br.19	Breeding for developing high yielding and /or disease resistance varieties/ hybrids and evaluation of advanced breeding lines of FCV tobacco suitable to Karnataka Light Soil (KLS)region	Dr C. Nanda Dr M. Mahadevaswamy, Dr S. Ramakrishnan Dr S. S. Sreenivas
25.	N-20	Integrated management of root- knot nematodes in FCV tobacco	Dr S. Ramakrishnan Dr P.Nagesh
26.	A-41	Studies on climate risk management in FCV tobacco based cropping systems in STZ of Karnataka	Dr M. Mahadevaswamy Dr C. C.S. Rao
27.	A-42	Evaluating the alternate nutrient source to provide balanced nutrition for Flue-cured tobacco grown in KLS region	Dr M. Mahadevaswamy

CTRI RESEARCH STATION: VEDASANDUR

Sl. No	Institute Code	Title of the project	Name(s) of the Investigators
28.	B.50	Breeding non FCV tobacco types for desirable traits	Dr. A V S R Swamy Dr M.Kumaresan R. Rajendran
29.	A103	Evaluation of integrated agro-technologies for increased crop productivity and farm returns.	Dr M. Kumaresan Dr D.Damodar Reddy

Externally funded projects

Sl. No		Title of the project	Name(s) of the Investigators
1.	SP-ICAR-1(Seed Oil)	Characterization, value addition and utilization of tobacco seed oil and its by-products	Dr D. Damodar Reddy
2.	SP-NICRA-1(HS)	Gender specific adaptations programmes in response to climate change in coastal Eco- systems	Dr Suman Kalyani Dr H. Ravi Shankar, Dr S. Kasturi Krishna Dr D. Damodar Reddy
3.	SP- PPVFRI-1(CI)	Development of Distinctiveness, Uniformity and Stability (DUS) Guidelines for FCV (Flue cured Virginia) and Bidi tobacco	Dr K. Sarala, Dr A.V.S.R. Swamy, Dr K. Prabhakara Rao, Dr D. Damodar Reddy Dr D.R. Delvadiya
4.	SP- TB-1 (Soil Fertility)	Assessment of soil fertility and development of online fertilizer recommendation system for FCV Tobacco growing soils of India	Dr L.K.Prasad, Dr J.PoornaBindu, Dr D. Damodar Reddy, Dr H.Ravisankar Dr C.C.S. Rao
5.	SP- TB-2 (Solar Energy)	Development and evaluation of Solar thermal energy based FCV tobacco curing systems	Dr CCS Rao Dr D. Damodar Reddy Dr L.K. Prasad Dr J. Poorna Bindu Dr K. Siva Raju Dr S. Kasturi Krishna Dr M Anuradha