

**BIOEFFICACY RESEARCH PROJECTS FROM APRIL 2020 TO MARCH 2021**

S.NO	NEW/RASO	PROJECT NO	PROJECT TITLE	DEPT./STATION/CO LLEGE	SCIENTIST NAME	FUNDED BY	PERIOD	BUDGET IN LAKHS	ASO DT.
1	NEW	BE/AUX/CPPS/CBE/PAT/RI	Evaluation of bioefficacy and phytotoxicity of new bio-pesticide based on bacteriophage against bacterial leaf blight of rice.	Department of Plant Pathology, TNAU, Coimbatore	Dr. C. Gopalakrishnan	M/S. Auxilife Scientific Services Pvt. Ltd., Pune	April 2020 to March, 2021	868,480	22.05.2020
2	NEW	PA/SEA/DCM/CBE/AGR/20	Evaluation of the bio efficacy of Sea6 formulations on yield and quality of rice - M/s. Sea6Energy Private Limited, Bangalore"	Department of Agronomy(Central Farm Unit), TNAU, Coimbatore-3	Dr. S.K.Natarajan	M/s. Sea6Energy Private Limited, Bangalore	August 2020 to July, 2021	632,362	05.08.2020
3	New	BE/IND/CPPS/CBE/PAT/20	Evaluation of Bio-efficacy and Phytotoxicity of Zineb 75%WP (Indofil Z-78) against Onion-Downy mildew and Blight, Tomato-Early blight, Late blight and Leaf spot	Department of Plant Pathology, TNAU, Coimbatore	Dr. K.ANGAPPAN	M/s. Indofil Industries Ltd., Mumbai	September 2020 to August, 2021	868,480	08.09.2020
4	NEW	BE/TAG/CPPS/TRY/ENT/20	"Efficacy of chlorantraniliprole 18.5% SC (Tagros) for the management of chillies fruit borer and rice yellow stem borer and leaf folder"	Department of Plant Protection, ADAC&RI, Trichy	Dr. C. Gailce Leo Justin Dr.S.Sheeba Joyce Roseleen Dr.P.Yasodha	M/s. Tagros Chemicals India Pvt. Ltd., Chennai	01.09.2020 to 31.8.2021.	504,804	07.09.2020
5	NEW	BE/BCS/CPPS/CBE/PAT/20	Bio-efficacy and phytotoxicity of Fluoxapiprolin 30g/L+Fluopicolide 200g/L SC230 and Iprovalicarb 8.4%+Copper oxychloride 40.6% WG 49 against downy mildew of Grapes: bioefficacy of Iprovalicarb 8.4%+Copper oxychloride 40.6 WG against early and late blight of potato.	Department of Plant Pathology, Coimbatore	DR. S.K.MANORANJITHAM	M/s. Bayer Crop Science Ltd., Coimbatore	September 2020 to October 2022	2,475,168	22.09.2020
6	NEW	BE/RAL/CPPS/MDU/PAT/20	Evaluation of Rallis New Fungicide premixture, RIL-243/F1 (50% WG) for bioefficacy and phytotoxicity against sheath blight, blast and grain discoloration in rice	Department of Plant Pathology, AC&RI, Madurai	Dr. K. Manonmani Dr. M. Theradimani	M/S RALLIS INDIA LTD, BENGALURU	October 2020 to March, 2021, April 2021 to September 2021	531,944	25.09.2020
7	NEW	PA/SYN/CPPS/CBE/ENT/20	Basic and applied research with newer insecticide, fungicide, nematocide, herbicide and plant growth stimulant molecules on agricultural and horticultural crops	Department of Agricultural Entomology, Coimbatore	1. Dr. N. Sudhakar 2. Dr. S.V. Krishnamoorthy 3. Dr. N. Muthukrishnan 4. Dr. K. Prabakar 5. Dr. V. Geethalakshmi	M/s. Syngenta India (P) Ltd., Pune, Maharastra	October, 2020 to March, 2022	13,461,440	26.09.2020
8	F 37 AIB		Evaluation of Broflanilide 300 SC against bollworms of Cotton	Department of Agricultural Entomology, Coimbatore	Dr. P.S.Shanmugam	M/s. BASF India Ltd., Mumbai	January 2019 to March 2021	982,468	26.09.2020

9	NEW	BE/EID/CPPS/CBE/PAT/20	Evaluation bio-efficacy of Oxathiapiprolin 0.6% + Mancozeb 60% w/w WG (R2Y13) against Cucumber Downy mildew ( <i>Pseudoperonospora cubensis</i> )	Department of Plant Pathology, Coimbatore	Dr.V.Sendhilvel	M/s E.I.Dupont India Pvt. Ltd., Hyderabad	September 2020 to October 2022	922,760	26.09.2020
10	F 37 AIC		Evaluation of Chlorantraniliprole 18.5 % SC against insect pests of Rice, Sugarcane, Tomato, Bittergourd and Chilli	Department of Agricultural Entomology	Dr. A.Suganthi	M/s. FMC India Pvt. Ltd, Bangalore	April, 2019 to March, 2021	987,896	29.09.2020
11		BE/EID/CPPS/CBE/PAT	Evaluation bio-efficacy of Oxathiapiprolin 0.6% + Mancozeb 60% w/w WG (R2Y13) against Cucumber Downy mildew ( <i>Pseudoperonospora cubensis</i> )	Department of Plant Pathology, Coimbatore	Dr.V.Sendhilvel	M/s E.I.Dupont India Pvt. Ltd., Hyderabad	September 2020 to October 2022	922,760	26.09.2020
12	F 37 ADC	PA/SYN/CPBG/CBE/MIL/20	Evaluation of hybrids in Maize – Fully Financed by Private agencies	Department of Millets, TNAU, Coimbatore	Dr.N.Kumari Vinodhana	M/s. Syngenta India Ltd., Pune, Maharastra	2020-2021	339,250	7.10.2020
13	F 37 AKD	PA/SYN/CPPS/CBE/ENT/20	Basic and applied research with newer insecticide, fungicide, nematocide, herbicide and plant growth stimulant molecules on agricultural and horticultural crops	Agri.Entomology, Coimbatore	1. Dr. N. Sathiah	M/s. Syngenta India (P) Ltd., Pune, Maharastra	October, 2020 to September, 2022	3,017,968	17.10.2020
14	New	BE/DOW/DCM/CBE/AGR/R	Efficacy of Florpyrauxifen-benzyl 20g/L + Cyhalofop Butyl 100g/L EC for Direct Seeded Rice	Department of Agronomy, Coimbatore	1. Dr.V.K.Duraisamy, 2. Dr.P.Murali Arthanari.	Ms/.Dow AgroSciences India Pvt Ltd, Hyderabad	October 2020 to April 2022	854,910	21.10.2020
15	New	BE/BCS/CPPS/CBE/PAT/20	Evaluation of bio-efficacy and phytotoxicity of Fosetyl AI 80% WP against azhukal ( <i>Phytophthora</i> spp.) and damping off ( <i>Pythium vexans</i> / <i>Rhizoctonia solani</i> ) disease in cardamom	Department of Plant Pathology, Coimbatore	Dr. T. ANAND	M/s. Bayer Crop Science Ltd., Coimbatore	October 2020 to September 2022	922,760	21.10.2020
16	New	PA/MPP/FCRI/MTP/FOR/20	Bio - efficacy of Wild animal Repellent ( Herboliv) to Mitigate Human Animal Conflicts in different Landscapes of Tamil Nadu Agricultural University Colleges/Stations	FC&RI, Mettupalayam	Dr.K.Baranidharan Dr.M.P.Divya Dr.R.Ravi Dr.M.Vijayabhama	M/s. Mivipro Products Private Limited, Gopichettipalayam	November 2020 to October 2021	396,244	21.10.2020
17	New	PA/DAT/HCRI/TNI/FRU/20	"Testing the bio-efficacy of DAF-211 16.88 % SC fungicide against downy mildew ( <i>Plasmopara viticola</i> ) and its phytotoxicity on grapes"	GRS, Theni	Dr. R. Vimala Dr. A. Subbiah Dr. V. Karthikpandi	M/s., Dhanuka Agri Tech., New Delhi	August 2020 to July 2022	922,760	22.10.2020
18	NEW	BE/FMC/CPPS/MDU/ENT/2	'Bio-efficacy testing of Cyantraniliprole 10.6 % OD against major lepidopteran and sucking insects on Okra and Cabbage'	Agri.Entomology, AC&RI, Madurai	Dr. M.Shanthi	M/s. FMC India Pvt Ltd, Coimbatore	12 Months	597,080	2.11.2020
19	NEW	BE/BCS/CPPS/CBE/NEM/20	Evaluation of efficacy of Velum Prime (Fluopyram 400 SC) on potato against cyst nematodes, <i>Globodera</i> spp and on okra against root-knot nematode, <i>Meloidogyne incognita</i>	Dept. of Nematology, TNAU, Coimbatore	Dr. N. Swarnakumari,	M/s. Bayer Crop Sciences Private Ltd., Maharastra	24 Months	1,194,160	2.11.2020
20	NEW	BE/NIT/NRM/CBE/SAC/202	"Validation of LCC for Newly Released Rice varieties and hybrids of TNAU"	SS&AC, Coimbatore	Dr. P. MALARVIZHI Dr.S. THIYAGESHWARI	M/s. Nitrogen Parameters, Chennai	2020-2021	597,080	9.11.2020
21	NEW	BE/FMC/DCM/CBE/AGR/RI	Studies on the persistence of herbicide F9600 4% GR in transplanted rice	Agronomy, coimbatore	Dr. G. Senthil Kumar	M/s. FMC India Private Ltd., Mumbai.	November 2020 to April 2021	738,208	9.11.2020

22	NEW	BE/FMC/CPSP/CBE/ENT/RI	Efficacy of E 2Y45 -828-R120 5% tablet against yellow stem borer ( <i>Scirpophaga incertulas</i> ) and leaf folder ( <i>Cnaphalocrocis medinalis</i> ) on rice	Agri.Entomology, Coimbatore	Dr. S.V. Krishnamoorthy	M/s. FMC India Private Ltd., Mumbai.	December 2020 to November 2022	1,281,008	27.11.2020
23	F 37 AA		Endowment for the creation of Chair of Professor of Entomology in Pesticide Toxicology	Agri.Entomology, Coimbatore	Dr. N. Sathiah	M/s Rallis India Limited, Bangalore	2020-2021	4,749,700	30.11.2020
24	New	BE/PAL/TRRI/ADT/SAC/RI	Bio efficacy assessment of Deepgel (red algae gel) and golden crop on yield, quality and soil fertility in rice	TRRI, Aduthurai	Dr.K.Sathiya Bama	M/s. Prasmo Agri, Kumbakonam, Tamil Nadu	December 2020 to November 2021	441,025	8.12.2020
25	F 37 AC		Bayer Endowment Professional Chair on Pesticide Development Technology	Agri.Entomology, Coimbatore	Dr. S.V. Krishnamoorthy	Bayer Crop Science Limited	2020-2021	5,214,000	9.12.2020
26	New	PA/DAT/HCRI/TNI/FRU/2020/001	"Testing the bio-efficacy of DAF-211 16.88 % SC fungicide against downy mildew ( <i>Plasmopara viticola</i> ) and its phytotoxicity on grapes"	GRS, Theni	Dr. R. Vimala Dr. A. Subbiah Dr. V. Karthikpandi	M/s., Dhanuka Agri Tech., New Delhi	August 2020 to July 2022	922,760	23.12.2020
27	<b>F 37 AJC</b>		Evaluation of Bio-efficacy and Phytotoxicity of GOD-F001 against Powdery mildew and Anthracnose, GOD-F002 against Powdery mildew and GOD- F003 against Downy mildew of Grapes	Department of Plant Pathology Tamil Nadu Agricultural University Coimbatore	Dr. S.Vanitha, Ph.D., Professor (Plant Pathology) Dr.V.Paranidharan Professor (Plant Pathology) Dr. V. Senthilvel Professor (Plant Pathology) Dept. of Millets	M/S. Godrej Agrovet India Ltd., Mumbai	November 2019 to April 2021	1,199,588	04.01.2021
28	F 37 AIG		Evaluation of bioefficacy and phototoxicity of BAS 750 02 F 400 g/l SC against sheath blight <i>Rhizoctonia solani</i> and dirty panicle disease in rice	Tamil Nadu Rice Research Institute Aduthurai	Dr. A. Ramanathan Ph. D, Professor and Unit Head (Plant Pathology)	M/s. BASF India Limited, Dharwad, Karnataka	12 Months (April' 2019 to March '2020) & April 2020 – March 2021	118,704	11.01.2021
29	F 37 AIG		Evaluation of bioefficacy and phototoxicity of BAS 750 02 F 400 g/l SC against sheath blight <i>Rhizoctonia solani</i> and dirty panicle disease in rice	Tamil Nadu Rice Research Institute Aduthurai – 612 101	Dr. A. Ramanathan Ph. D, Professor and Unit Head (Plant Pathology)	M/s. BASF India Limited, Dharwad, Karnataka	12 Months (April' 2019 to March '2020) & April 2020 – March 2021	118,704	11.01.2021
30	F 37 AIA		Evaluation the efficacy of Oxathiapiprolin 0.6% + Mancozeb 60% (R2Y13) WG against downy mildew of grapes ( <i>Plasmonaraviticola</i> )	Dept. of Pathology, TNAU, Coimbatore		M/s E.I DuPont India Ltd., Gurugram		662,216	25.01.2021
31	F37AIO		Bio-efficacy Evaluation of Chlorantraniliprole 0.4% GR Insect Pests of Sugarcane and Rice	Dept. of Agri. Entomology, TNAU, Coimbatore	Dr.N.Chitra Associate Professor	M/s.FMC India Pvt.Ltd., Bangalore	February 2019 to August 2021	208,000	29.01.2021
32	NEW	BE/SAL/CSRC/RMD/SAC/RI/2021/001	Evaluation of Salicrop product for salinity testing in Semidry rice for the Coastal soils of Ramanathapuram district	Coastal Saline Research Centre, Ramanathapuram	Dr.J.Prabhakaran, Asst. Professor (SS&AC)	M/s.Salicrop Private Ltd., Mumbai	April 2021 to March 2022	759,920	12.02.2021

33	F 37 AJU	BE/AUX/CPPS/CBE/PAT/RIC/2020/001	Evaluation of Bioefficacy and Phytotoxicity of Bio-pesticide based on Bacteriophage against Bacterial leaf blight of rice	Department of Plant Pathology, TNAU, Coimbatore		M/S. Auxilife Scientific Services Pvt. Ltd., Pune	April 2021 to September 2021.	868,480	16.02.2021
34	new	BE/FMC/CPPS/CBE/ENT/MAZ/2021/001	Efficacy of E 2Y45 0.4% GR against Fall Armyworm, Spodoptera frugiperda, Corn stem borer, Chilo partellus and Pink stem borer, Sesamia inferens on maize	Department of Agricultural Entomology TNAU, Coimbatore – 641 003.	Dr. S.V. Krishnamoorthy. Professor, Department of Agricultural, Entomology,	M/s. FMC India Private Limited, Mumbai.	March 2021 to February 2023	922,760.00	18.02.2021
35	new	BE/EID/ACRI/ECK/AGR/SUG/2021/001	"Validation of non-cane materials in the harvested sugarcane and standardization of methodology"	Agricultural College and Research Institute, Echankottai	Dr. M. JAYACHANDRAN Professor (Agronomy) DR.A.VELAYUTHAM Dean-in-charge	E.I.D. Parry India Ltd., Nellikuppam, Cuddalore.	February 2021 to April 2021	Rs. 2,88,610/-	24.02.2021
36	NEW	BE/UPL/ACRI/KKM/ENT/RIC/2021/001	"Evaluation of new chemical insecticide GPI 1820 against insect pests of Paddy"	Department of Agricultural Entomology, AC & RI, Killikulam		M/s/ UPL Limited, Mumbai	Jan 2021- Dec 2022	922,760	26.02.2021
37	NEW	BE/VAL/DCM/CBE/CRP/2021/001	Physiological effects of bio-stimulants on abiotic stress and nutrient use efficiency in crops	Dept. of Crop Physiology, TNAU, Coimbatore	Dr. P.Jeyakumar Professor and Head (Crop Physiology) Dr.V.Ravichandran Assoc. Professor (Crop Physiology) Dr.T.Kalaiselvi Professor (Agrl.Microbiology) Dr.N.Sakthivel Associate Professor (Agronomy)	M/s. Valagro BioSciences Limited, Hyderabad	April 2021 to March 2023	1,508,984	27.02.2021
38	NEW	BE/CM/HERBICIDE/2021	Bio-efficacy study for P-PAD 500 SE for broad spectrum control of weeds in transplanted paddy	Wet land farm, TNAU, Coimbatore	Dr. C.R. Chinnamuthu, Professor and Head, Dept. of Agronomy,	M/s. Tagros Chemicals India Private Limited, Chennai.	April 2021 to March, 2022	844,054	12.03.2021
39	NEW	BE/STR/SSAC/TRRI/AGR/RIC/2021/001	Effect of Impakt and Risykl on growth and yield of rice and methane mitigation	Tamil Nadu Rice Research Institute, Aduthurai – 612 101	Dr.C. Umamageswari, Associate Professor (Agronomy), Dr.K.Sathiya Bama, Associate Professor (SS&AC),	M/s. String BioPvt. Ltd., Bangalore	March 2021 to February 2022	946,840	20.03.2021
40	NEW	BE/TBIPL/CPPS/CBE/NEM/2021/001	Evaluation of Nemanol 20% EC against root knot nematode, Meloidogyne spp. in Tomato	Department of Nematology, CPPS, TNAU, Coimbatore.	Dr. A. Shanthi Professor and Head (Nematology)	M/s. Telluris Biotech India Pvt. Ltd., Hyderabad	April 2021 to March 2022.	597,080	25.03.2021

41	NEW	BE/EID/CPPS/CBE/NEM/2 021/001	Bio-efficacy of Q8U80 500SC for the management of root knot nematode on Pomegranate	Department of Nematology, CPPS, TNAU, Coimbatore.	Dr. K. Devrajan Professor (Nematology)	M/s.E.I.Dupont India (P) Limited, Hyderabad	April 2021 to March 2023.	922,760	31.03.2021
								<b>55,948,325</b>	









15,08,984  
(Ist year)  
12,37,584  
(IIInd year)  
27,46,568  
(IIIrd year)