

### BIOEFFICACY - ASO DETAILS 2018-2019

Sl. No.	Head of Account	Name & Title of the bio-Efficacy study	Location	Scientists involved	Funding agency	Period	Budget	ASO date
1	New	Resurgency of whitefly due to repeated application of Fipronil 5% SC in Cotton	Dept. of Agrl.Entomology, TNAU, Coimbatore	Dr.K. Senguttuvan Asst. Prof	M/s.Gharda Chemicals Limited	April 2018 to March 2020	6,62,216	05.04.2018
2	New	Evaluation of Bioefficacy, phytotoxicity and effect on succeeding crop of council prime (Triafamone 200 SC) in transplated	Dept. of Agronomy, Coimbatore	Dr.P.Murali Arthanari, Assistant Professor	M/s.Bayer Crop Science Ltd., Thane	May 2018 to April 2020	9,01,968	05.04.2018
3	New	Bioefficacy and Phytotoxicity of Bispyribac Sodium 10% SC in Transplanted Rice, direct Seeded Rice and Nursery	Department of Farm Management Directorate of Crop Management Tamil Nadu Agricultural University	Dr.D. Rajakumar, Ph.D., Assistant Professor (Agronomy)	Mahamaya Life Sciences Pvt., Ltd., Gurgaon	May 2018 to April 2019	<b>9,05,901</b>	17.4.18
4	New	Evaluation of the Product Total Foliar on the uptake of Macro, Micro nutrients and yield of Rice	Tamil Nadu Rice Research Institute, Aduthurai	Dr.C. Sharmila Rahale Asst. Professor (SS&AC), TRRI, Aduthurai	M/s.SDS Ramcides Crop Science Pvt.Ltd., Chennai.	June 2018 to March 2019	<b>2,98,540</b>	23.5.2018
5	NEW	Bio-efficacy of VALXTRA a product of M/s.Willowood Chemicals Pvt.Ltd., New Delhi against tikka leaf spot (Cercospora arachidicola) and rust (Puccinia arachidis) diseases in Groundnut crop	Coconut Research Station, Aliyarnagar.	Dr. S. Sundravadana Assistant Profesor (Plant Pathology) Coconut Research Station, Aliyarnagar.		One Year (June 2018 – May 2019)	4,66,808	30.05.2018
6	NEW	Evaluation of bio-efficacy and phytotoxicity of BAS 751 04 F and BAS 750 02 F (Fungicides) against grey mildew and Alternaria blight diseases of cotton	Department of Plant Pathology, Agricultural College and Research Institute, Madurai.	Dr. K. Eraivan Arutkani Aiyathan, Professor and Head Dr. S. Harish, Assistant Professor, Department of Plant Pathology, Agricultural College and Research Institute, Madurai	M/s. BASF India Pvt. Ltd., Mumbai	One year (June 2018 to May 2019)	4,66,808	12.6.2018
7	NEW	Evaluating the impact of HAP products (BMX14F67) on yield and quality of tomato	Dept. of Crop Physiology, TNAU, Coimbatore	Dr.S.Srinivasan Asst.Prof. (CRP)	EID Parry (India) Limited, Cuddalore	One year (June2018 to June 2019)	3,31,108	18.06.2018

8	NEW	Evaluation of efficacy of NF-171 10% SC formulation on Downy mildew of Grapes	Department of Plant Pathology TNAU, Coimbatore	Dr. G.Thiribhuvanamala, Assistant Professor (Plant Pathology ), TNAU,Coimbatore	Biostadt India Ltd., Mumbai	July 2018 to Feb. 2020	5,76,840	26.06.2018
9	NEW	Evaluation of Bio-efficacy and Phytotoxicity of WCPL 2025 and Boscalid 25.2% + Pyraclostrobin 12.8% WG on grapes against powdery mildew & downy mildew, Penconazole 10 EC on grape against powdery mildew, WCPL 2025 on	Dept. of Plant Pathology, Coimbatore	Dr.S.Srinivasan Asst.Prof. (CRP)	Willowood Chemicals Pvt.Ltd., New Delhi	2018-2020	21,38,632	13.07.18
10	NEW	Evaluation of bio-efficacy and phytotoxicity of FF 1702 against downy mildew of grapevine and early and late leaf blights of tomato	Dept. of Plant Pathology, Coimbatore	Dr. G. Karthikeyan, Professor and L. Rajendran, Assistant Professor,	M/S.FMC India Pvt.Ltd., Bangalore	2018-2020	13,78,712	17.09.2018
11	NEW	Evaluation of cyantraniliprole 200 SC against insect pests of tomato, chilli, capsicum, watermelon and cucumber	Dept. of Agrl.Entomology, TNAU, Coimbatore.	Dr.B. Vinothkumar Asst.Prof.	M/S.FMC India Pvt.Ltd., Gurgaon	2018-2021	23,99,176	26.09.2018
12	NEW	Evaluation of RalliGold Mycorrhiza granule a product of M/s.Rallis India Ltd., Bangalore on quality and yield of paddy	Department of Soil Science and Agricultural Chemistry Agricultural College and Research Institute, Killikulam Vallanad 628 252	Dr. B.JEBERLIN PRABINA Asst. Professor (Agrl.Microbiology)	M/s. Rallis India Ltd., Bangalore	2018-19	3,31,108	15.10.2018
13		Evaluation of efficacy of UPN 117 against root knot nematode in tomato crop	Dept. of Nematology, TNAU, Coimbatore	Dr. B. Anita Professor (Nematology)	M/s.UPL Ltd., Mumbai	2018-19	3,31,108	31.10.18
14	New	Evaluation of Paddy test variety JK TUHINA of M/s JK Agri Genetics Ltd., Hyderabad	TRRI, Aduthurai	Dr.D.Sassikumar Assoc.Prof.(PBG)	M/s JK Agri Genetics Ltd., Hyderabad	2018-19	40,710	22.11.18

15	New	Evaluation of Bioefficacy and Phytotoxicity of fungicides Fluazapyroxad 75G/l + Difenconazole 50g/l SC and Metiram 70 % WG against anthracnose & powdery mildew diseases of cucurbits and Mefentrifluconazole	Plant pathology, TNAU, CBE	Dr. V.Paranidharan, Ph.D., Professor (Plant Pathology)	M/s. BASF India Ltd., Mumbai	2018-19	12,05,016	26.11.18
16	NEW	Evaluation of hybrid Maize of M/s.J.K. Agri Genetic Ltd., Hyderabad	Dept. of Millets, Coimbatore	Dr.N.Kumari Vinodhana Asst.prof.	M/s.JK Agri Genetics Ltd., Hyderabad	2018-19	67,850	30.11.2018
17	NEW	Evaluation of Bayer Bio Science Rice Hybrid AZ 6633ST	TRRI, Aduthurai	Dr.R.Suresh Asst.Prof.	M/s.Bioscience Pvt.Ltd., Trichy	2018-19	67,850	22.1.19
18	F 37 AA	Endowment for the creation of Chair of Professor of Entomology in Pesticide Toxicology	Dept. of Agrl.Entomology, TNAU, Coimbatore.	Dr.Y.S. Johnson Thangaraj Edward, Professor, Dept. of Entomology	Rallis India Limited, Coimbatore	2018-19	27,04,000	29.1.19
19	F 37 AC	Bayer endowment Professor Chair on Pesticide Development Technology	Dept. of Agrl.Entomology, TNAU, Coimbatore.	Dr.N.Muthukrishnan, Professor	Bayer crop science, Mumbai	2018-19	37,09,000	29.1.19
20	New	Evaluation of Bioefficacy and Phytotoxicity of fungicide Oxathiapiprolin 0.6%+Mancozeb 60% (R2Y13) WG against downy mildew grapes (Plasmoparaviticola)	Dept.PI.Path. CBE	Dr.V.K.Parthiban Prof. (PP) TNAU, Coimbatore	M/s.E.I. DuPont India Pvt. Ltd., Gurugan	2018-19	6,62,216	4.2.2019
21	New	Evaluation of Broflanilide 300 SC against bollworms of cotton	Dept. of Agrl.Entomology, TNAU, Coimbatore.	Dr.N.Muthukrishnan, Professor	M/s.BASF India Pvt.Ltd., Mumbai	2018-19	9,82,468	4.2.2019
22	New	Bioefficacy and Phytotoxicity of spinetoram 0.8% GR on rice yellow stem borer and leaf folder its effect on natural enemies	Dept. of Agrl.Entomology, TNAU, Madurai	Dr.C.Chinniah, Prof. & Head, Dept. Agrl.Ento, AC&RI, MDU	M/S.Dow Agro Science Pvt.Ltdlk Coimbatore	2018-19	6,13,365	4.2.19
23	New	Bioefficacy evaluation of Chlorantraniliprole 0.4% GR insect pests of Sugarcane and Rice	Dept. of Agrl.Entomology, TNAU, Coimbatore.	Dr.N.Chitra Assoc.Prof.	M/s.FMC India Pvt.Ltd., Bangalore	2018-19	7.00	4.2.19
24		Evaluation of bioefficacy and phototoxicity of BAS 750 02 F 400 g/l SC against sheath blight (Rhizoctonia solani) and dirty panicle disease in rice	TRRI, Aduthuria	Dr.K.Rajappan Prof. & Head (PI.Path)	M/s.BASF India Pvt.Ltd., Karnataka	2019-20	3,65,500	12.2.19

25	New	Evaluation of Chlorantraniliprole 18.5 % SC against insect pests of Rice, Sugarcane, Tomato, Bittergourd and Chilli	Department of Agricultural Entomology TNAU, Coimbatore – 641 003.	Dr. A.Suganthi Asst. Professor, Department of Agricultural Entomology, TNAU, Coimbatore – 3	M/s. FMC India Pvt. Ltd, Bangalore	One year seven months	9,87,896	15.02.2019
26		Bioefficacy testing of Ceedrich (carrier based NPK consortia) Biofertilizer for rice	Department of Agricultural Microbiology Directorate of Natural Resource Management Tamil Nadu Agricultural University Coimbatore-3	Dr. P. Marimuthu Professor and Head Department of Agricultural Microbiology Tamil Nadu Agricultural University Coimbatore-641003	Tropical Agro System (India) Private Ltd., Chennai	2019-20	3,31,108	18.2.19