Implementation of Research Schemes / Projects financed by GOG / GOI / ICAR / Other Agencies and SSNNL

ANAND AGRICULTURAL UNIVERSITY

ANAND - 388 110

Read:

Minutes of 47th Meeting of Board of Management held on 10.04.2018 vide

item No. 47.16

NOTIFICATION

It is hereby notified to all concerned that the 47th Meeting of Board of Management held on 10.04.2018 vide item No. 47.16 has resolved as under:

"As per the recommendation of 10th Agricultural Research Council, 76 Research Schemes / Projects worth of Rs.1178.986 lakhs financed during the year 2016-17 and 2017-18 (upto 15th November, 2017) by GOG / GOI / ICAR / other agencies and SSNNL as detailed in Annexure-A are approved for implementation in Anand Agricultural University."

NO. AAU / DR / T-3 /

Date: 02.05.2018

/ 2018

Director of Research & Dean P.G.Studies

Copy F.W.Cs. to;

All Members of Board of Management of this University.

837

- All Members of Agricultural Research Council of this University.
- 3. All Officers of this University.
- 4. All Deans / Associate Deans of this University.
- 5. Unit / Sub Unit Officers of this University.
- 6. Registrar, Anand Agricultural University, Anand

Copy to;

- 1. PS to Hon'ble Vice Chancellor, Anand Agricultural University, Anand
- 2. All Branches of this Section.
- 3. S.O. File.
- 4. Concerned Scientist, AAU for information and necessary action.

Annexure - A

Research Schemes / Projects financed by GOG / GOI / ICAR / Other Agencies and SSNNL

Sr. No.	Name of Project	Principal Investigator	Financing Authority	Grant Allotted (Rs. in lakhs)
201	16-17			
IC/	AR			
1.	Climate Resilient Maize for Asia (CRMA)	imate Resilient Maize for Research Scientist, CRMA,		11.98 (EURO 16052.00)
2.	Emeritus Scientist Scheme- Calibration and Validation of CROPGRO-Cotton, CROPGRO-pigeon pea, SUBSTOR-potato and CANEGRO-sugarcane models for different crops of Gujarat climate change impact studies and yield	Dr. Vyas Pandey, BACA, AAU, Anand	ICAR, New Delhi	1.33
	forecasting		Total	13.31
Go	ovt. of India			
3.	Identification of Molecular Portraits in Squamous Cell Carinoma of Horn in Kankrej (Bos indicus) Bullocks	Dr. Prakash G. Koringa, Assistant Professor, Department of Ani. Biotechnology, Veterinary College, AAU, Anand	Ministry of Science & Technology, DBT, GOI, New Delhi	75.094
4.	Development of Technology for the preparation of Fermented Rice Beverage in Meghalaya and evaluation of its functional properties	Dr. Subrota Hati, Assistant Professor, Department of	Technology, DBT, GOI, New Delhi	36.16
5.	Establishment/Strengthening of Bio-fertilizer and Bio-control Production Units for Increasing Pulse Production in India	Nodal Officer -Dr. K. P. Patel, Principal & Dean,BACA, AAU, Anand; Co-Nodal Officers- Dr. R. N. Pandey and Dr. R. V. Vyas	Ministry of Agriculture and Farmers Welfare, Department of Agriculture, Co- operation and Farmers Welfare, GOI, New Delhi	113.00
			New Deini Tota	1 224.254

r. lo.	Name of Project	Principal Investigator	Financing Authority	(Rs. in lakhs)
30	vernment of Gujarat		* (
š.	Quality Seed Production in Fodder Crops under Fodder Development Programme	Dr. H. P. Parmar, Research Scientist, Main Forage Research Station, AAU, Anand	Dept. of Agriculture, Govt. of Gujarat, Gandhinagar	10.00
	Bioprospecting of oxalate degrading lactic acid bacteria to develop a functional product with potential in preventing kidney stone disease	cteria Professor, Dept. of Dairy Microbiology, SMC College of Dairy Science, AAU, Anand		26.87
В.	Estimation of Methane Emission in cattle and Dietary Interventions for its Mitigation	Dr. P. R. Pandya, Professor, ANRS, College of Veterinary Science & A.H., AAU, Anand	Dept. of Climate Change, GoG, Gandhinagar	96.95
9.	Genetic diversity analysis and development of molecular markers for drought tolerance in Teak (<i>Tectona grandis</i> L.F.) populations of Gujarat	Dr. R. S. Fougat, Unit Officer, Dept. of Agricultural Biotechnology, AAU, Anand	Gujarat State Biotechnology Mission, Gandhinagar	19.30
10.		Dr. S. K. Raval, Professor, Dept. of Medicine, College of Veterinary Science & A.H., AAU, Anand	Dept. of Climate Change, GoG, Gandhinagar	
			Total	225.50
Of	ther Agency Projects			1
11.		Mr. V. K. Chaudhari, Asstt. Research Scientist (Ento), Regional Research Station, AAU, Anand	GSP Crop Science Pvt. Ltd., Ahmedabad	8.68
12	Bio-efficacy evaluation of a combination product PCT-16 for seed treatment in Groundnut crop	Dr. R. G. Parmar, Asso. Professor, Dept. of Plant Pathology, BACA, AAU, Anand	GSP Crop Science Pvt. Ltd., Ahmedabac	8.68
13	Effects of Novozymes products on yield and its attributes in chilli	s of Novozymes Dr. R. R. Acharya, Novozymes octs on yield and its Research Scientist South Asia Pvt.		7.72
14	 Agronomic Field Studies with various products of novozymes Pvt. Ltd. on yield of cotton 	Dr. K. V. Mevada, Asso. Professor,	Novozymes South Asia Pv Ltd., Bangalore	7.69
1:	 Bio-efficacy and phytotoxicity of Spiromesifen 22.9% SC against whitefly and mites in 	Professor, Dept. of	Organics	4.00

Sr. No.	Name of Project	Principal Investigator	Financing Authority	Grant Allotted
16.	Bio-efficacy cum phytotoxicity study of Spiromesifen 22.9% SC against brinjal mite	Shri. N. B. Patel, Asstt. Research Scientist (Ento.), MVRS, AAU, Anand	Meghmani Organics Limited, Ahmedabad	(Rs. in lakhs) 4.00
17.	of Flonicamid 50% WG against sucking insect pests in Bt cotton Asstt. Research Scientist, Dept. of Entomology, BACA, AAU, Anand		Meghmani Organics Limited, Ahmedabad	4.00
18.	Evaluation of bio-efficacy and phytotoxicity of Flonicamid 50% WG (New source) against plant hoppers infesting Rice	Prof. M. B. Zala, Asstt. Research Scientist (Ento.), Agricultural Research Station, AAU, Sansoli	Meghmani Organics Limited, Ahmedabad	3.88
19.	Evaluation of bio-efficacy and phytotoxicity of Thiocyclam Hydrogen Oxalate 4% Gr (New source) against major insect pests of Rice	Prof. M. B. Zala, Asstt. Research Scientist (Ento.), Agricultural Research Station, AAU, Sansoli	Meghmani Organics Limited, Ahmedabad	3.88
20.	Evaluation of in vitro and in vivo efficacy of a formulation containing nanotechnology based alkyl polyglycosides of herbs against mastitis pathogens and its postexposure effect on gene expression of certain bacteria	in vitro and in of a formulation inotechnology olyglycosides of a mastitis and its post-act on gene AAU, Sansoli Dr. D. S. Nauriyal, Professor, Dept. of Medicine, and Dr. C. G. Joshi, Professor & Head, Dept. of Animal Biotechnology.		8.70
21.			2.63	
22.	Field bio-efficacy cum phytotoxicity evaluation of Pyraclostrobin 20%WG against Soybean –Cercospora (frog eye) & Alternaria leaf spot	Dr. R. N. Pandey, Professor and Head.	Meghmani Industries Limited, Ahmedabad	7.24
23.	Evaluation of bio-efficacy and phytotoxicity of Pyraclostrobin 20%WG against early blight disease of tomato	Dr. R. N. Pandey, Professor and Head, Dept. of Plant Pathology, BACA, AAU, Anand	Meghmani Industries Limited, Ahmedabad	7.24

Sr. No.	Name of Project	Principal Investigator	Financing Authority	Grant Allotted (Rs. in lakhs)	
24.	Pyraclostrobin 20%WG against Turcicum leaf blight (Exserohilum turcicum) of maize Asstt. Research Scientist (Plant Pathology), MMRS, AAU, Godhra		Meghmani Industries Limited, Ahmedabad	7.83	
25.	Evaluation of performance of maize (corn) hybrid varieties	Dr. B. N. Patel, Asso. Res. Scientist, ARS, AAU, Sansoli	Syngenta India Ltd., Telangana	1.80	
26.	Field evaluation of herbicide, Atrazine 50% WP against weed of Maize	50% WP against Prof., Dept. of Industries		4.00	
27.	Evaluation of Chlorothalonil 40% + Difenoconazole 4% w/w SC (Bravo Top 550 w/v SC) against Groundnut disease	Dr. R. N. Pandey, Professor and Head, Dept. of Plant Pathology, BACA, AAU, Anand	Syngenta India Ltd., Pune	3.11	
28.	8. To study the persistence and dissipation of the (1) Flonicamid 50% WG on Cotton, (2) Flonicamid 50% UG on Paddy, (3) Spiromesifen 22.9% SC on Cotton, (4) Spiromesifen 22.9% SC on Brinjal and (5) Thiocyclam Hydrogen Oxalate 4% G on Paddy		AINP on Pesticide Residues, ICAR, New Delhi	10.00	
29.	Evaluation of Pydiflumetofen 7.5% + Difenoconazole 12.5% w/v (200 SC) against Groundnut diseases	Dr. R. N. Pandey, Professor and Head, Dept. of Plant Pathology, BACA, AAU, Anand	and Head, Ltd., Pune lant , BACA,		
30.	Bio-efficacy and Phytotoxicity of Power oil Garnet AG (2.5% v/v) against sucking pests and pink bollworm in Bt Cotton	Dr. C. C. Patel, Research Scientist, Dept. of Entomology, BACA, AAU, Anand	Apar Industries Ltd., Navi Mumbai	7.24	
31.	Feasibility of using Dry vinasse (Commercial Yeast molasses) in cattle ration Dr. D. C. Patel, Research Scientist, ANRS, College of Veterinary Science & A.H., AAU, Anand AB Mauri India Pvt. Ltd., Ratnagiri, Maharashtra		4.29		
32.	To study the residue and dissipation of Pyraclostrobin 20% WG on Tomato, Soybean, Cotton, Maize and Peanut	Dr. P. G. Shah, Residue Analyst, Pesticide Residue Laboratory, ICAR Unit-9, AAU, Anand	AINP on Pesticide Residues, ICAR, New Delhi	20.00	

Sr. No. 33.	Name of Project	Principal Investigator	Financing Authority	Grant Allotted (Rs. in lakhs)	
	To study the residue and dissipation of (1) Flupyram 400 SC (Velum) in Banana, (2) Imidacloprid 600 FS (Gaucho) in Bengal Gram, (3) Flupyram 400 SC (Velum) in Cucumber, (4) Spirotetramat 150 OD (Movento) in Citrus, (5) Fluopicolide 4.44% + Fosetly Al 66.67% WG (Profiler) in Citrus, (6) Betacyfluthrin 90 + Imidacloprid 180 SC WP (Solomon) in Citrus, (7) Fosetly Al 80 WP (Aliette) in Tomato	Dr. P. G. Shah, Residue Analyst, Pesticide Residue Laboratory, ICAR Unit-9, AAU, Anand	AINP on Pesticide Residues, ICAR, New Delhi	16.50	
34.	To study the persistence and residues of (1) Carbendazim 12% + Mancozeb 63% WP in Cotton and (2) Carbendazim 12% + Mancozeb 63% WP in Soybean	Dr. P. G. Shah, Residue Analyst, Pesticide Residue Laboratory, ICAR Unit-9, AAU, Anand	AINP on Pesticide Residues, ICAR, New Delhi	13.80	
35.	To study the persistence and dissipation of (1) Chlorpyrifos 20 EC in Mustard and (2) Chlorpyrifos 20 EC in Gram	Dr. P. G. Shah, Residue Analyst, Pesticide Residue Laboratory, ICAR ' Unit-9, AAU, Anand	AINP on Pesticide Residues, ICAR, New Delhi	3.00	
36.	Efficacy of Q8U80 500 SC for the management of root knot nematodes on multiple crops (Tomato, Brinjal, Cucumber and Capsicum)	Dr. A. D. Patel, Nematologist, and Dr. B. A. Patel, Dept. of Nematology., BACA, AAU, Anand	E. I. Dupont India Pvt. Ltd., Gurgaon, Haryana	22.75	
37.	Evaluation of different Organic Products in Moong crop	Dr. M. V. Patel, Professor and Head, Dept. of Agronomy, BACA, AAU, Anand	ProG Agro Pvt. Ltd., Vadodara	7.37	
38.	To study the persistence and dissipation of (1) Spinetoram + Methoxyfenozide 36% SC in chickpea and (2) Mancozeb 75 WP on potato	Dr. P. G. Shah, Residue Analyst, Pesticide Residue Laboratory, ICAR Unit-9, AAU, Anand	AINP on Pesticide Residues, ICAR, New Delhi	4.50	
39.	Evaluation of Bt Cotton hybrids of private seed companies	Dr M. P. Parmar Asstt. Res. Sci., RRS, AAU, Anand	Trials of different private companies	48.00	
40.	Hybrid Rice Coded SAU trial	Research Scientst(Rice) as Nodal Scientist MRRS, AAU, Nawagam	49 entry of 24 private companies	29.40	

Sr. No.	Name of Project	Principal Investigator	Financing Authority	Grant Allotted
201	17-18	livestigator	Authority	(Rs. in lakhs)
ICA	AR			
41.	Efficacy of Fumigator (a sorghum variety with high HCN content) on tomato against root-knot nematode (Meloidogyne spp.)	Dr. A. D. Patel, Nematologist, Dept. of Nematology, BACA, AAU, Anand	AICRP (Nematods), LBS building, ICAR – IARI, New Delhi	2.50
^		V.	Total	2.50
	vt. of India	4		
42.	Forecasting sugarcane Production at mill catchment in Bharuch, Gujarat with remote sensing and ancillary information	Ms. Rucha Dave, Assistant Professor, Dept. of Agricultural Meteorology, BACA, AAU, Anand	Space Application Centre, GOI, Department of Space, Ahmedabad	4.50
43,	Development of a Decision Support System (DSS) for planning storage infrastructures and supply chain logistics	Ms. Rucha Dave, Assistant Professor, Dept. of Agricultural Meteorology, BACA, AAU, Anand	Space Application Centre, GOI, Department of Space, Ahmedabad	8.0
44.	Crop discrimination and soil fertility assessment using AVIRIS-NG data	Ms. Rucha Dave, Assistant Professor, Dept. of Agricultural Meteorology, BACA, AAU, Anand	Space Application Centre, GOI, Department of Space, Ahmedabad	10.00
45	SCATSAT-1 Utilization project on Rice Productivity From SCATSAT-1 DATA	Ms. Rucha Dave, Assistant Professor, Dept. of Agricultural Meteorology, BACA, AAU, Anand	Space Application Centre, GOI, Department of Space, Ahmedabad	11.00
46,	Land surface albedo retrieval using GISAT data Dr. Manoj M. Lunagaria, Associa Professor, Dept. of Agricultural Meteorology, BACA AAU, Anand		Space Application Centre, GOI, Department of Space, Ahmedabad	19.80
47.	Gross Primary Productivity from Agriculture using GISAT data	Dr. G. B. Chaudhari, Asstt. Professor, College of Agricultural Information Technology, AAU, Anand	Space Application Centre, GOI, Department of Space, Ahmedabad	16,50
48.	Functional metagenomic of camel rumen microbime for novel key glycoside hydrolases (GH) to benefit animal nutrition and biofuels	Dr. S. J. Jakhesara, Assistant Professor, Dept. Animal Biotech, College of Veterinary Science and AH, AAU, Anand	DBT, GOI, New Delhi	34.296

	U VH		N#		
Sr. No.	Name of Project		Principal Investigator	Financing Authority	Grant Allotted (Rs. in lakhs)
l l	Native methanotrophic pacterial consortium for mitigation of methane flux from rice ecosystems	As De Mi	Y. K. Jhala, sistant Professor, pt. Agril. probiology, BACA, U, Anand	DBT, GOI, New Delhi	19.686
Cov	ornment of October			Total	123.782
GOV	ernment of Gujarat				
t i	Development, validation and technology transfer of microbial consortium of bioagents in sustainable management of biotic and abiotic stresses in crops	Pro Del Pat	R. N. Pandey, fessor and Head, ot. of Plant hology, BACA, U, Anand	Gujarat State Biotechnology Mission, Gandhinagar	22.07
Othe	or Agamay Duals at			Total	22.07
51 I	er Agency Projects	-			
	Evaluation of performance of pearl millet hybrid	Ass Sci Re	B. C. Patel, sistant Res. entist, Regional search Station, U, Anand	Bayer Bioscience Pvt. Ltd., Hyderabad	1.80
'	Evaluation of performance of maize (corn) hybrid	Ass Sci	B. N. Patel, spciate Research entist, ARS, AAU, nsoli	PHI Seeds Private Limited., Ahmedabad	1.20
	Field bio-efficacy and phytotoxicity evaluation of Diclosulam 84% WG against weed complex of Groundnut	Alc Ma	H. K. Patel, Jr. Probiologist, CRP – Weed nagement, BACA, U, Anand	Meghmani Industries Limited, Ahmedabad	5.01
	Field bio-efficacy and phytotoxicity evaluation of Diclosulam 84% SC against weed complex of Soybean	Jr. Alc Ma	i D. D. Chaudhari, Agronomist, CRP – Weed nagement, BACA, U, Anand	Meghmani Industries Limited, Ahmedabad	5.01
	Field bio-efficacy and phytotoxicity evaluation of Sulfentrazone 39.6% SC against weed complex of Soybean	Jr. Ald Ma	TD. D. Chaudhari, Agronomist, CRP – Weed nagement, BACA, U, Anand	Meghmani Industries Limited, Ahmedabad	5.01
200	Bio-efficacy cum phyto- toxicity field evaluation of insecticide Lufenuron 5.4% EC against American bollworm, Helicoverpa armigera (Hubner) Hardwick in cotton	Pro Su Pro En	of. Meeral D. thar, Asstt. ofessor, Dept. of tomology, BACA, U, Anand	Meghmani Organics Limited, Ahmedabad	4.10
	Bio-efficacy and phyto-toxicity study of Flubendiamide 20% WG against tomato fruit borer	As Sc	N. B. Patel, sistant Research entist (Ento.), /RS, AAU, Anand	Meghmani Organics Limited, Ahmedabad	4.00

58.	study of Lufenuron 5.4% EC Assistant Research Organics Scientist (Ento.), Limited, MVRS, AAU, Anand Ahmedabad		Limited,	4.00
59.	Evaluation of bio-efficacy and phytotoxicity of Flubendiamide 20 WG (New Source) against stem borer and leaf folder infesting rice	Dr. B. N. Patel, Asso. Research Scientist, Agricultural Research Station, AAU, Sansoli	Meghmani Organics Limited, Ahmedabad	4.00
60.	Evaluation of MCW-2 (2% GR) against Root Knot Nematode (<i>Meloidogyne incognita</i>) in Capsicum (under polyhouse condition)	Dr. A. D. Patel, Nematologist, Dept. of Nematology, BACA, AAU, Anand	ADAMA India Pvt. Ltd., Hyderabad	7.99
61.	 Study the persistence and dissipation of Clomazone 50% EC in transplanted paddy and Study the persistence and residue of GPF 815 on soybean crop 	Residue Analyst, Pesticide Residue Laboratory, ICAR Unit-9, AAU, Anand Dr. P. G. Shah, AINP on Pesticide		11.00
62.	To study the residue and dissipation of Propineb 61.3% + Trifloxystrobin 3.5% WG (Flint Pro) on Tomato	Dr. P. G. Shah, Residue Analyst, Pesticide Residue Laboratory, ICAR Unit-9, AAU, Anand	AINP on Pesticide Residues, ICAR, New Delhi	3.00
63.	Standardization of PB Rope L required for the management of pink ballworm, Pectinophora gossypiella (Saunders)	Dr. C. C. Patel, Research Scientist, Dept. of Entomology, BACA, AAU, Anand	PI Industries Ltd., Haryana	17.25
64.	Saunders) (1) Study the residues of ifenuron 5.4% EC on cotton (2) Study the residues of flubendiamide 20% WG on chillies and (4) Study the residues of flubendiamide 20% WG on paddy Dr. P. G. Shah, Residue Analyst, Pesticide Residue Laboratory, ICAR Unit-9, AAU, Anand Continues of flubendiamide 20% WG on paddy		8,00	
65.	Study the persistence and residues of Acetamiprid 25% + Bifenthrin 25% WG on (GPI 515) Soybean crop	Dr. P. G. Shah, Residue Analyst, Pesticide Residue Laboratory, ICAR Unit-9, AAU, Anand	AINP on Pesticide Residues, ICAR, New Delhi	10.00
66.	(1) Study the persistence and residues of Novaluron 9.45% + Lambda cyhalothrin 1.9% ZC (GPI 1316) on red gram and (2) Study the persistence and residues of Azoxystrobin 8.3% + Mencozeb 66.7% WG (Avancer glow) on soybean	Dr. P. G. Shah, Residue Analyst, Pesticide Residue Laboratory, ICAR Unit-9, AAU, Anand	AINP on Pesticide Residues, ICAR, New Delhi	10,00

Sr. No.	Name of Project	Principal Investigator	Financing Authority	Grant Allotted
67.	Persistence and residues of Clomazone 50% EC in soybean	Dr. P. G. Shah, Residue Analyst, Pesticide Residue Laboratory, ICAR Unit-9, AAU, Anand	AINP on Pesticide Residues, ICAR, New Delhi	(Rs. in lakhs) 1,50
68.	Evaluation of performance of maize (corn) hybrids	Dr. B. N. Patel, Associate Research Scientist, Agricultural Research Station, AAU, Sansoli	PHI Seeds Private Limited., Ahmedabad	1.80
69.	Study the persistence and residues of Ipfencarbazone 25% SC (w/v) on Rice	Dr. P. G. Shah, Residue Analyst, Pesticide Residue Laboratory, ICAR Unit-9, AAU, Anand	AINP on Pesticide Residues, ICAR, New Delhi	15.00
70.	Evaluation of bio-efficacy of Thiamethoxam 12.6% + Lamda cyhalothrin 9.5% ZC (Alika 247 ZC) against cumin pests	Dr. C. B. Dhobi, Asstt. Research Scientist, Dept. of Entomology, BACA, AAU, Anand	Syngenta India Ltd., Pune	7.24
71.	Evaluation of Bt Cotton hybrids of Ajeet seeds Ltd. Aurangabad	Dr. M. P. Patel Asstt. Res. Scientist (Pl. Br.), RRS, AAU, Anand	Ajeet seeds Ltd., Aurangabad	4.00
72.	Hybrid Rice Coded SAU trial	Research Scientst (Ride) as Nodal Scientist MRRS, AAU, Nawagam	61 entry Trials from 22 private companies through Director (Agri), GOG	36.60
SS	NNL Projects		Total	167.51
73.	Establishment of Agricultural Research Station in Sardar Sarovar Command, Thasra	Associate Research Scientist, Agriculture Research Station, AAU, Thasra	SSNNL, Gandhinagar	13.37
74.	Establishment of Agricultural Research Station in Sardar Sarovar Command, Dabhoi	Assistant Research Scientist, Main Paddy Research Station, AAU, Dabhoi	SSNNL, Gandhinagar	14.96
75.	Establishment of Agricultural Research Station in Sardar Sarovar Command, Dhandhuka	Assistant Research Scientist, Agriculture Research Station, AAU, Dhandhuka	SSNNL,- Gandhinagar	12.61
76.	Narmada Irrigation Research Project, Khandha	Assistant Research Scientist, Narmada Irrigation Research Station, AAU, Khandha	SSNNL, Gandhinagar	69.47
-			Total	110.41
			Grand Total	1178.986