



LOCAL FUND AUDIT DEPARTMENT

From
Th. V. MuthuKrishnan, B.Sc. B.Ed.,
Deputy Director(FAC),
Local Fund Audit,
TANUVAS Audit,
MVC Campus, Chennai – 7.

To
The Professor and Head,
Institute of Animal Nutrition,
Katupakkam.

R.C.No. 955/A1/2019 dated: 29.2.2020

Sir,

Sub: Audit – Audit Report on the accounts of TNIAMP Sensitizing farmers on nutritional supplemental strategy for the year 2018-19 – issued.

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I forward herewith a copy of Audit Report on the TNIAMP Sensitizing farmers on nutritional supplemental strategy for the year 2018-19 together with a copy of the Audited Annual Accounts. The replies to the Audit Report may kindly be sent to the Deputy Director of Local Fund Audit, Tamil Nadu Veterinary and Animal Sciences University, Chennai – 07, within two months from the date of receipt of the Audit Report.


Deputy Director(FAC)
Local Fund Audit,
TANUVAS, Chennai -7

Encl:

Copy of the Audit Report, Audited Annual Accounts for the year 2018-19 and audit certificate.

Copy to:

1. The project Director, TN-IAM Project, MDPU office, Chepauk, Chennai – 600005. (2 copies of Audit report and Annual account)
2. The Director of Research & Nodel Officer (TN-IAMP), TANUVAS, Chennai.
3. The Director, Local fund Audit, Chennai.

**AUDIT REPORT ON THE PROJECT FINANCIAL STATEMENT OF TAMIL
NADU IRRIGATED AGRICULTURE MODERNIZATION PROJECT (TN-IAMP)
IMPLEMENTED IN TAMIL NADU VETERINARY AND ANIMAL SCIENCES
UNIVERSITY, CHENNAI FOR THE YEAR 2018-19**

PART -I

- 1). Name of the Auditor : **Th. N. Bakiyaraj,**
Inspector
- 2). The office of the Vice-Chancellor, the Registrar, the Finance Officer, and the Co-ordinator was held by the following Officers during the Period under Report.

Sl. No.	Name of the Post	Name of Officers	Period From To
1.	Vice-Chancellor	Dr. C. Balachandran, Ph.D.,	09.04.2018 to till date
	Convenor Committee to exercise and perform the duties of the Vice-Chancellor	Dr. K. Gopal, I.A.S. Principal Secretary to Government AHD&F Department, Chairman & Convenor	01.04.2108 to 08.04.2018
		Tmt. S. Jayandhi, I.A.S. Director of Animal Husbandry Member of Convenor Committee	
Dr. Vishnu Vardhana Rao, Member of the Board of Management, TANUVAS. Member of Convenor Committee			
2.	Registrar	Dr. V. Ramesh Saravana Kumar, Ph.D.,	01.04.2018 to 10.04.2018
		Dr. M. Thirunavukarasu, Ph.D.,	11.04.2018 to 27.08.2018
		Dr. P. Tensingh Gnanaraj	28.08.2018 to till date
3.	Finance Officer	Thiru. K. Balakrishnan	01.04.2018 to 31.03.2019
4.	Nodal Officer of TNIAMP	Dr.T.J.Harikrishnan, Ph.D.,	01.04.2018 to 06.09.2019
5.	Principal Investigator	Dr. C.Valli, Ph.D.,	04.07.2018 to till date
6.	Co Investigator	Dr. R.Murugeswari , Ph.D., Dr. J. Ramesh, Ph.D.,	04.07.2018 till date

3. The audit was done by the deputy director of local fund audit, residential audit unit, Tamil Nadu Veterinary and Animal Sciences University, Chennai – 7.

Brief Note of the Project

"SENSITIZING FARMERS ON "NUTRITIONAL SUPPLEMENTAL STRATEGY" DEVELOPED AT TANUVAS TO INCREASE PRODUCTIVITY IN DAIRY CATTLE AND MITIGATE METHANE EMISSION

Project Implementation progress

INTRODUCTION

Project Out line

TANUVAS GRAND supplement developed by TANUVAS ameliorates nutritional deficiencies, in low yielders, and increases microbial proliferation resulting in improved milk production. The acronym for this supplement is GRAND in which G stands for Gruel, R stands for rooted, A stands for Additive, N stands for Nourishment and D stands for Drops. Experiments on the effect of GRAND supplementation have shown that the *in vitro* apparent digestibility of fodder and microbial biomass increases by three fold over non-supplementation group. TANUVAS GRAND supplement is beneficial to nitrogen deficient diet and is more effective when diet contains sufficient energy. TANUVAS GRAND supplement is expected to increase milk production by 500 ml to 700 ml /day/cow and potentially could lead to 20% reduction in methane emission per animal. To demonstrate this impact in the small holder dairy production system, TNIAMP project envisages to pilot and validate the benefits of feeding TANUVAS GRAND to 8800 lactating cows in the Phase-I project villages. The piloting will be undertaken in tandem with the activities of Animal Husbandry activities and will be implemented through the Dairy Interest Groups (DIGs).

Project development objective:

1. Demonstrating the impacts of critical nutrient supplementation to dairy cattle to increase milk production and mitigate methane production
2. Establishment of mineralized salt lick production units using TANUVAS technology for Dairy Interest Groups
3. Popularizing the technology for adoption.

Budget:

Rs. 2 crore has been allotted for six years; Rs.67.044 lakhs was released during 1st year for implementation of the activities.

Project activities in 2018-19.

TANUVAS TN-IAM project activities to popularize the nutrient supplemental strategy developed by TANUVAS among the farmers of TN-IAM project area of sub basins to increase the milk yield and to reduce methane production. In the year 2018-19, it has been implemented in 18 sub basins. The activities are executed from Institute of animal nutrition, Kattupakkam as nodal office which is situated in lower palar region. Hence, an existing building was identified for the purpose and renovations were made. Utilising the budget allotted for this purpose, furniture, computers and necessary accessories were purchased and installed. The staff of TANUVAS spread across the state in the various sub basins were nominated as Nodal officers / Co coordinators. Orientation training was conducted between 11.02.2019 and 12.02.2019, Venue – Conference hall, Madras Veterinary College. Following rules and regulations of the university two data collection personal were appointed. They are employed for data collection.

Dairy interest groups for each sub basin was created by Animal Husbandry Department, Government of Tamil Nadu. The same was used for implementing this project also. The beneficiaries in the respective sub basins from the dairy interest groups were selected following the below mentioned guidelines.

- From each dairy interest group 200 animals were selected
- The animals selected were from small holder dairy farmers owning less than four dairy cattle.
- The animals were all lactating cows fed on low quality crop residues.

All the animals selected were cows in early lactation

The details of sub basins, number of dairy interest groups for each sub basin and number of animals selected is provided in following table

The details of sub basins, number of dairy interest groups for each sub basin and number of animals selected in each sub basin

Sr.No	Name of Sub basins	No. of dairy interest groups	No. of cattle selected
1	Lower Vellar	3	600
2	Lower Palar	4	800
3	Krishnagiri to Pambar	2	400
4	Lower Bhavani	4	800
5	Upper Bhavani	1	200
6	Nagariar	1	200
7	Gadananadhi	1	200
8	Lower Thamirabharani	3	600
9	Kallar	1	200
10	Ponnannaiyar	3	600
11	Cauvery Delta	11	2200
12	Lower Vaigai	1	200
13	Sirumalaiyar	1	200
14	Gowsiganadhi	1	200
15	Sathiar	2	400
16	Manjalar	2	400
17	Varaganadhi	1	200
18	Suruliyar	2	400
	Phase I total	44	8800

A questionnaire was developed and circulated to the farmers owning the selected animals to obtain pre supplementation data. Data collection was done by nodal officers / co co ordinators (TANUVAS scientists) in coordination with concerned Veterinary Assistant Surgeon of the respective sub basin. A total 8800 lactating cattle were selected for supplying TANUVAS GRAND feed supplement.

PART-II

1. Scope of Audit:

The audit of the financial statements of Tamil nadu Irrigated agriculture modernization Project by world Bank (under Credit No.42255-In and Loan No-4846-IN) Government of Tamil Nadu and Government of India for the Year-2018-2019 was conducted by audit in accordance with the regulation and standards of audit of comptroller and Auditor General of India .Those standards require that was plan and perform the audit to obtain reasonable assurance about whether the Financial Statements are free of material mis-statements. The audit includes examining, on a test basis evidence supporting the amounts internal checks and controls and disclosures in the Financial Statement. The audit also includes assessing accounting principles used and significant estimates made by management, as well evaluating the overall financial statements presentation.

2. RECEIPT AND CHARGES:

Separate cash book and accounts are maintained for the implementation of TN-IAM Project for the year 2018-19. The receipts and charges for the year 2018-19 both under regular and special programmes are as follows.

S. No.	Particulars	Opening Balance (Rs.)	Transfer of funds (Rs.)	Receipts (Bank Interest) (Rs.)	Total Amount (Rs.)	Expenditure Charges (Rs.)	Closing Balance (Rs.)
1.	Institute of Animal Nutrition, Kattupakkam S.C. No. 23254	6704400.00 (November 2018)	0	93182.00	6797582.00	917476.00	5880106.00

3. GENERAL REVIEW:

In our review, the financial statements, read with the observations annexed give a true and fair view of the sources and application of funds of Tamil Nadu irrigated agriculture modernization project in 2018-19 in accordance with consistent accounting standards.

4) CERTIFICATE OF AGREEMENT OF BALANCES

The bank account is maintained at Union Bank of India, Guduvancherry with the account no of 622202010006221. The closing balance as per the cashbook as on 31.03.2019 was in agreement with the opening balance as per

the abstract of annual accounts as on 31.03.2019 and also with the closing balance of the Bank pass book as on 31.03.2019 subject to the reconciliation as shown against each.

(a.i)TNIAM PROJECT ON "SENSITIZING FARMERS ON NUTRITIONAL SUPPLEMENTAL STRATEGY"-(S.C. NO.23254)

	Rs.
Closing Balance as per cash book as on 31/03/2019	5880106.00
ADD: -(uncashed cheques)	12611.00
Total	5892717.00
LESS: SMS Charges	15.39
Closing Balance as per Bank Pass book as on 31/03/2019	5892701.61

5) TN-IAMP -GRANTS RECEIVED DURING THE YEAR

(a). The following are the particulars of grants received for the TNIAMP during the year 2018-19:

Sl.No.	Grants	Amount Rs.
1	G.O.(Ms). No. 130./ Animal Husbandry dairying and Fisheries, AH6 dept. Dated:04.07.2018.	6704400.00
	Total	6704400.00

6). UTILIZATION OF GRANT RECEIVED:

The utilization of Grant received by the University for Regular as follows:

Sl.No.	Grants Utilized	Amount Rs.
1.	TN-IAMP implementation	917476.00
	Total	917476.00

7) OBJECTIONS IF ANY: Nil

8) RESULT OF AUDIT:

The result of Audit is considered as fairly satisfactory.

9) OBJECTION PENDING SETTLEMENT: Nil


 Deputy Director(FAC)
 Local Fund Audit,
 TANUVAS, Chennai


 28/12/20

AUDIT CERTIFICATE

Certified that, Grants-in-aid of Rs. 6704400.00 (Rupees Sixty seven lakhs four thousands and four hundreds only) grant sanctioned during the period 201819 and a sum of Rs. 917476.00 (Rupees Nine lakhs seventeen thousands four hundreds and seventy six only) has been incurred as expenditure during the period 2018-19 relating to the Tamil Nadu Irrigated Agriculture Modernization Project.

The accounts of the above project have been audited in accordance with the terms of Reference for Audit of Financial Statements of TN-IAM project prescribed by the funding agency and as per the Rules and regulations prescribed by government.

On the basis of the information and explanation that have been obtained as per records and according to the best of our knowledge. It is further certified that the expenditure statement represents a true and fair view of the implementation of the project.


Deputy Director(FAC)
Local Fund Audit,
TANUVAS, Chennai

28/12/20

TAMIL NADU VETERINARY AND ANIMAL SCIENCES UNIVERSITY				
TN-IAM Project ANNUAL ACCOUNTS FOR THE YEAR 2018-2019				
TNIAMP Project on Sensitizing Farmers on Nutritional Supplement Strategy, IAN, Kattupakkam				Format No. I
Name of the Station: INSTITUTE OF ANIMAL NUTRITION, Kattupakkam				S.C.NO.18064
S.No.	Receipt	Amount	Expenditure	Amount
1	Opening Balance	6704400.00	Total as per Format XVII)	917476.00
2	Grant Received	0.00	Loans & Advances (Format XVIII)	
3	Receipts (Bank Interest)	93182.00	Deposits Charges (Format XIX)	0.00
4	Transfer of funds -	0.00	Unspent Return to Finance Officer/Funding Agency	
			Total Charges	917476.00
			Cash on hand	
			Cash at Bank	5880106.00
	Grand Total	6797582.00	Grand Total	6797582.00

A. Valli

Professor and Head,
Institute of Animal Nutrition,
Kattupakkam.

O. Aruna
29/10/2020
Deputy Director(FAC)
Local Fund Audit,
TANUVAS, Chennai

Prasad
28/2/20

LOCAL FUND AUDIT DEPARTMENT

From

Thiru. N. Gunasekaran, M.Sc., B.Ed.,
Deputy Director of Local Fund Audit,
TANUVAS Audit,
MVC Campus, Chennai - 7.

To

The Director,
Directorate of Sustainable
Aquaculture,
Soorakkottai,
Thanjavur District.

R.C.No. 165 /A1/2020, dated: 04 .03.2020.

Sir,

Sub: Audit-Audit on the accounts of the **TN IAMP**
IAMWARM Phase-I DSA, Thanjavur - for the year 2018-19
- Audit Notes Sent - Reg.
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The Audit notes on the accounts of the **TN IAMP IAMWARM Phase-I** @
Directorate of Sustainable Aquaculture, Thanjavur for the year 2018-19 are sent
herewith. The replies to the audit notes may kindly be sent to this office within one
month from the date of the receipt.

The receipt of the audit notes may be acknowledged early.


Deputy Director,
Local Fund Audit,
TANUVAS, Chennai-7.

Copy to: The Finance Officer, TNFU, Nagapattinam - 611001.

ANNUAL AUDIT NOTES ON THE ACCOUNTS OF THE
TN IAMP IAMWARM Phase-I at
DIRECTORATE OF SUSTAINABLE AQUACULTURE, THANJAVUR
FOR THE YEAR 2018 - 19

1. **Name of the Auditor** : **M. RAMESH BABU,**
Inspector.
2. **Duration of the Audit** : 02 Mandays.
3. **Reviewing Officer & Review Date** : Thiru. N.Gunaskearan
Deputy Director.
04-03-2020.

4. The office of the Head was held by the following officials during the period under report.

Sl. No.	NAME	DESIGNATION	PERIOD OF OFFICE
1.	Dr.J. Stephen Sampath Kumar	Director	01.04.2018 to 31.03.2019

On the time of audit Dr.J. Stephen Sampath Kumar is holding the post of Director.

5) CERTIFICATE OF AGREEMENT OF BALANCES:

The opening balance as per the various cash book of the under mentioned accounts as on 01.04.2018 were in agreement with the closing balance of the previous year. The closing balance as per the various cashbook as on 31.03.2019 were in agreement with the closing balance as per the abstract of annual accounts and with the closing balance of the Bank pass book as on 31.03.2019 subject to the reconciliation as shown against each.

TN IAMP IAMWARM Scheme

A/c No.4521101009188, Indian Bank, Thanjavur.

Closing balance as per cash book	51,39,962.00
ADD: Uncashed Cheques	76,844.00
Total	52,16,806.00
LESS: Bank charges	48.00
Closing balance as per bank pass book	52,16,758.00

*** Details of uncashed cheques**

Sl. No.	Cheque No. & Date	Amount (Rs.)	Encashment Date
1	833891/31.03.2019	35000.00	11.04.19
2	833892/31.03.2019	11844.00	25.04.19
3	833893/31.03.2019	10000.00	06.05.19
4	833894/31.03.2019	20000.00	26.06.19
	Total	76844.00	

6) Tamil Nadu Irrigated Agriculture Modernization Project (TN IAMP) (IAMWARM-II) Phase-I with World Bank Assistance – Implementation and Scheme review.

Administrative sanction ..	G.O.(Ms)No.26, Animal Husbandry, Dairying and Fisheries (FS.4) Department, 22.02.2018. U.S.O.No.263/R1/TNJFU/2018 R.C.No.959/R1/TNJFU/2018, 10.05.18
Scheme ..	Tamil Nadu Irrigated Agriculture Modernization Project (TN IAMP) (IAMWARM-II) Phase-I with World Bank Assistance
Total Budget ..	Rs.250.00 Lakhs Rs.51.45 Lakhs for 2017-18 (I Phase)
Locations ..	Thanjavur, Baur, Trichy, Bhavanisagar, Parakkai, FCRI-Thoothukudi & Muttukadu.
Funding Agency ..	Tamil Nadu Government under TN-IAMP.
Scheme duration ..	1 year. (2017-18)
Administration ..	Director, CeSA, Thanjavur.

In the first year of Scheme implementation, Rs.51,45,000/- received as grant on September 2018 and expenditure made for the following heads.

	Allotment	Expenditure	Balance
Recurring ..	07.25	0.42	06.83
Non-Recurring ..	13.00	--	13.00
Cost of Personnel ..	31.20	0.35	30.85
Total ..	51.45	0.77	50.68

Observations:

- This scheme was approved by the State Government for one year only i.e., Phase-I for 2017-18 and administrative sanction was accorded on 22.02.2018 vide G.O. ibid. Allotment made for this scheme on 2018-19, hence the scheme started with delay.
- On 2018-19 expenditure made for Rs.0.77 Lakhs only in the month of March 2019. Hence the delay in start and poor performance of the scheme to be got ratified by the respective authorities.

7) RESULT OF AUDIT:

The Result of Audit is considered as satisfactory.

8) RECEIPTS AND CHARGES:

The Receipts and Charges in respect for the period under main account for the period under report and furnished below.

Sl. No.	Account Name	Receipts Rs.	Charges Rs.
1.	TN IAMP IAMWARM Phase-I	52,16,806.00	76,844.00

9) OBJECTION PENDING SETTLEMENT:

A total number of **01** objections involving a sum of **Rs.NIL/-** were pending to settlement at the close of audit. Necessary action may be taken to settle these objections early.

Sl. No.	Year	Para No.	Total paras	Amount Rs.
1.	2018-19	6.	01	0.00
		TOTAL	01	0.00


**Deputy Director,
Local Fund Audit,
TANUVAS, Chennai-7.**

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13/200