


**CONCURRENT MONITORING AND
EVALUATION OF
“SUPPORT TO STATE EXTENSION
PROGRAMMES FOR EXTENSION REFORMS
SCHEMES (ATMA)”
MIZORAM,
2016 - 2017**



Conducted by:
State Agricultural Management & Extension Training Institute (SAMETI)
MIZORAM
2017



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Preface

The Sub-Mission on Agricultural Extension focuses on awareness creation and enhanced use of appropriate technologies in agriculture & allied sectors. Gains made in the past will be consolidated and strengthened through increased penetration of extension functionaries. Use of interactive and innovative methods of information dissemination like pico projectors, low cost films, handheld devices, mobile based services, Kisan Call Centres (KCCs) etc. will be used and convergence brought among extension efforts under different programmes and schemes at village level through the institution of ATMA (Agriculture Technology Management Agency) and Block Technology Teams (BTTs).

The State Nodal Officer, ATMA, Mizoram entrusted SAMETI, Mizoram, the job of Concurrent Monitoring and Evaluation of ATMA activities during 2016-17. A team of Officers including Director and Faculties of SAMETI visited all the Districts within two months and observed the activities of ATMA going through the papers and also visiting field activities, meeting the stakeholders and the farmers on the spot.

I appreciate the cooperation and support of the Farmers, Stakeholders, and, of course the ATMA functionaries led by Project Directors of each 8 District. I am also thankful to the State Nodal Officer & Director of Agriculture, Shri. J.Lalzamlina who entrusted us for this job, and Team members of SAMETI, Mizoram who involved in the job in one way or others.

This is a report compiled on Monitoring and evaluation conducted in each ATMA District of Mizoram which may reflects the performance of ATMA, Mizoram during 2016-17. I hope that every Extension functionaries under this Scheme, after going through this report, realize their Strength, Weakness, Opportunity and threat and learn how to do better in the years to come.

Date 25.9.2017


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A. EXECUTIVE SUMMARY

Agricultural Technology Management Agency (ATMA) is a focal point for integrating research and extension activities and decentralizing day-to-day management of the Agricultural Technology System and aims at bottom-up planning of work plan. A third-party monitoring and evaluation has been changed to yearly concurrent evaluation of all activities undertaken to achieve programme objectives on the implementation of a Centrally Sponsored scheme 'Support to State Extension Programme for Extension Reforms' (ATMA) in Mizoram. The purpose is to conduct a broad based SWOT (Strength, Weaknesses, Opportunities and Threats) analysis so that mid-course correction is initiated at the appropriate point of time. This interim report of Concurrent Monitoring and Evaluation is conducted by SAMETI (State Agricultural Management & Extension Training Institute), Mizoram for the year 2016-2017.

Major activities under ATMA scheme during 2016-17 are:

- a. Farmer Oriented Activities viz. Exposure Visit, Trainings, Demonstrations, Formation of Commodity based Farmer Interest Groups (CIGs/FIGs), setting up of Farm Schools.
- b. FARM Information Dissemination activities through Low-cost publications and printed materials (leaflets)
- c. Research-Extension-Farmer (R-E-F) linkages based activities include organization of opened farmers interactive programme with the extension personnel, technical expert and scientist. viz. Farmers Scientist Interaction, Joint visits by scientist & extension personnel.

Evaluation of the ATMA has been carried out with a view to assess the performance of the various stakeholders and to assess the effectiveness of training, demonstration, exposure trip for capacity building and skill upgradation. The evaluation was done by visiting the project sites and interacting with the nodal department and allied departments, and the farmers. Further, the information and data were obtained from office records. The activities like preparation of SEWP, SREP and participation of local community were evaluated.

The performance of the State Nodal Department, the district level nodal office and the allied departments has been examined and evaluated. This observation has been prepared from the office records, field visit and interactions with the various stakeholders. The functioning and performance of the State Agricultural Management and Extension Training Institute (SAMETI) is found to be satisfactory. A state level Inter Departmental Working Group (IDWG) is formed. The institutional and organizational establishment of Extension reforms in the 8 districts of Mizoram has been done as per the guidelines.

It was observed that various activities viz. Orientation trainings, Exposure visits, Farmer's Training and Field days, Technology demonstration are benefited by the farmers. Further, a number of activities have been conducted to demonstrate improved methods of the different agricultural and allied activities for farmers. Workshops and trainings conducted for the farmers appear to have good impacts. Special trainings on winter vegetables at district level and block level, exposure visit at national, state and district level were conducted for the farmers. It may be stated that the efforts and activities of the government functionaries and the beneficiaries are found satisfactory.



Training on Apprenticeship in ICT for Department Middle Level Officers

B. ABBREVIATIONS USED IN THE REPORT

AMC	-	ATMA Management Committee
ATM	-	Assistant Technology Manager
ATMA	-	Agricultural Technology Management Agency
ATS	-	Agricultural Technology Systems
BTM	-	Block Technology Manager
BTT	-	Block Technology Team
CP	-	Computer Programmer
DPD	-	Deputy Project Director
EEI	-	Extension Education Institute
FAC	-	Farmer Advisory Committee
FIAC	-	Farm Information and Advisory Centre
FIG	-	Farmers Interest Group
FLD	-	Field Level Demonstration
FYM	-	Farm Yard Manure
GB	-	Governing Board
HYV	-	High Yielding Varieties
ICAR	-	Indian Council of Agricultural Research
IDWG	-	Inter Departmental Working Group
IETC	-	Integrated Extension Training Centre
IGNOU	-	Indira Gandhi National Open University
IPM	-	Integrated Pest Management
IT	-	Information Technology
KVK	-	Krishi Vigyan Kendra
M & E	-	Monitoring and Evaluation
MANAGE	-	National Institute of Agriculture Extension Management
MOU	-	Memorandum of Understanding
MZU	-	Mizoram University
NATP	-	National Agricultural Technology Project
NGO	-	Non-Governmental Organization
PHM	-	Post-harvest Management
PIR	-	Project Inception Report
PPP	-	Public Private Partnership
RD	-	Rural Development
REF	-	Research Extension Farmer
SAMETI	-	State Agricultural Management and Extension Training Institute
SAU	-	State Agricultural University
SEWP	-	State Extension Work Plan
SHG	-	Self Help Group
SREP	-	Strategic Research and Extension Plan

1. INTRODUCTION

ATMA is an autonomous institution and a registered society of key stakeholders at the district level to ensure extension services to farmers and involved in project planning and implementation of various farm activities for sustainable agricultural development in the district. ATMA Governing Board is the apex body of ATMA which provides overall policy direction.

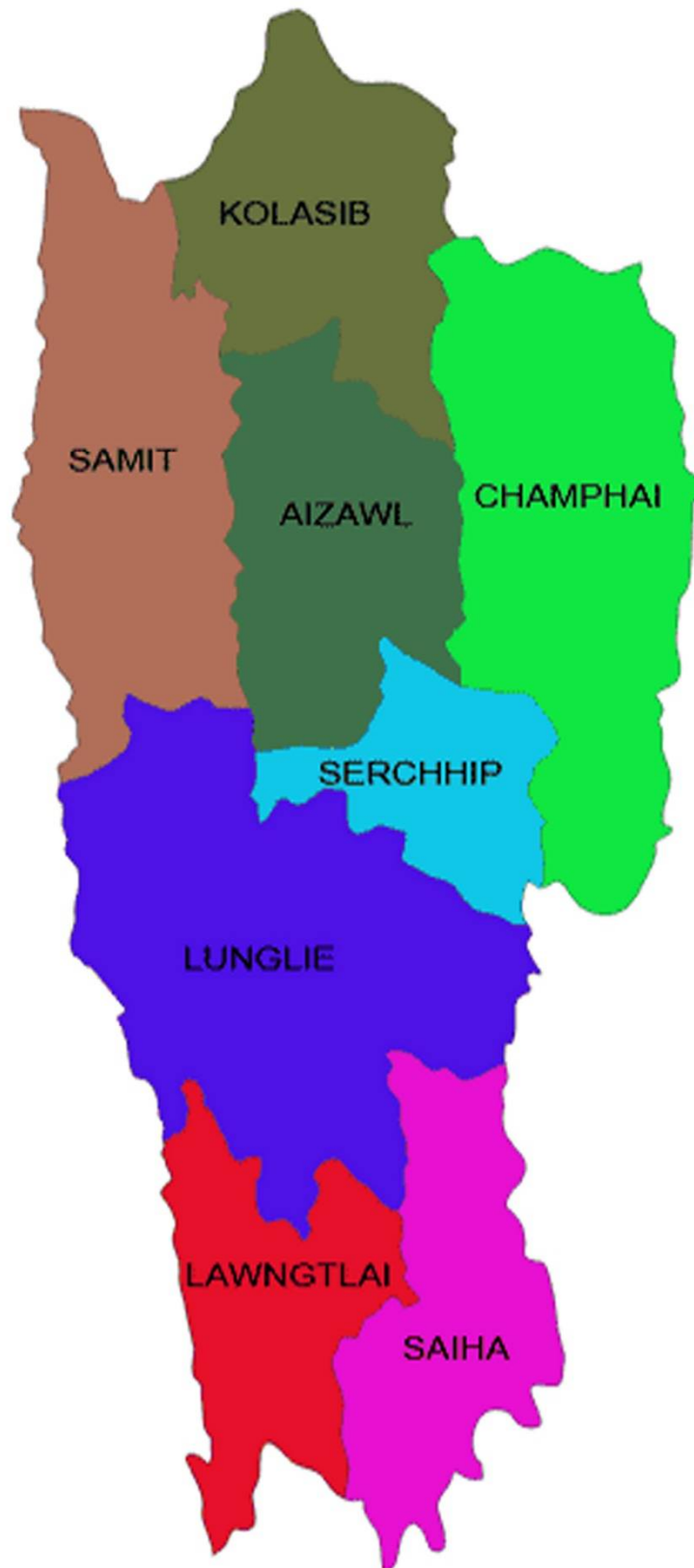
It also has an executive body, Management Committee at the district level headed by the Project Director of ATMA which consists of all the representatives of the line departments concerning agriculture & allied sector, KVK, farmers' organizations and NGOs to look after implementation of the scheme and a District Farmers Advisory Committee (DFAC), to provide farmers' feedback while formulating District Agriculture Action Plans (DAAPs) for district level planning and implementation.

Under each ATMA, FIACs are created at the block level comprising of two bodies namely, Block Technology Team (BTT) (a team headed by BTM, comprising officers of agriculture and other allied departments within the block) and Block Farmer Advisory Committee (BFAC) (a group exclusively consisting of selected farmers of the block represented by various enterprises and socio-economic strata). The two bodies are responsible for preparing the Block Action Plan (BAP) and provide necessary extension support within the Block in its execution.

The overall functionaries of ATMAs are headed by State Nodal Cell (SNC) at the state level and State Agricultural Management and Training Institute (SAMETI). The SNC consisted of the apex body State Level Sanctioning Committee (SLSC) supported by Inter Departmental Working Group (IDWG).

The SLSC will approve State Extension Work Plan (SEWP) formulated by SNC submitted from the DAAPs by each district, duly incorporating farmers' feedback obtained through State Farmer Advisory Committee (SFAC), whereas SAMETIs will give training of the Extension Functionaries in the State. While doing so, the SAMETI will check duplication and overlapping of training content, training schedule, and trainees themselves through BFAC & BTT at Block Level and ATMA GB at District Level. SLSC is also set up in the State to consider and approve SEWP, and IDWG to carry out periodic monitoring under the chairmanship of APC/Principal Secretary (Agriculture).

MAP OF MIZORAM SHOWING ATMA DISTRICTS



Objectives of Concurrent M&E and Impact Assessment of ATMA:

An effective monitoring and evaluation is essential for the success of any programme. It is concerned with how the program is delivered and to ensure that the Extension Reforms are executed in line with the broad policy framework and to attain corrective action, if any to revitalize Agriculture extension system. It deals with things such as when the program activities occur, where they occur, and who delivers them. Thus, it involves the evaluation of all the activities undertaken to achieve programme objectives. The information generated through this evaluation can be used for improving implementation of the programme by focusing on mid-season/ term correction. It is also referred as “formative” or “process” evaluation.

The Government of India has, therefore, devised inbuilt mechanism for monitoring and evaluation of the ATMA programme on a periodic basis. Activities of the scheme is monitored and evaluated at periodic intervals through a specific mechanism generated at different levels – Block, District, State & National Level. M&E will be conducted.

2. METHODOLOGY:

The impact assessment study was carried out by visiting the various ATMAs at districts and block levels. District level officials carried out the on-spot monitoring of the progress of extension work done by ATMAs at Block Level viz. Farm Schools, Demonstration Plots, Trainings, Exposure Visits and Farmer Friends based on the approved work plan/cafeteria. The purpose of on-spot monitoring was to obtain information and impact on the implementation of ATMA activities and to discuss progress and constraints with the stakeholders. Focus was given on the best practices, sharing experiences and the limitation of implementing the scheme. The promising farmers oriented activities and the limitations within the cafeterias were discussed along with suggestions and finding solution in collaboration with respective department. The evaluation team held collective discussions with the government functionaries under the nodal department i.e. Department of Agriculture (CH) and the allied departments viz. Animal Husbandry & Veterinary, Horticulture, Soil & Water Conservation etc. and also with the beneficiaries. The required

information was collected by conducting personal interview/observations, group discussion and interactions etc. with the respective stakeholders.

A report has been prepared based on the information collected on the implementation of the scheme viz. utilization of fund, institutional arrangement and functioning, performance of the project functionaries at the state and district level. The level and mode of farmer's participation in the scheme were also studied. Observations on impact assessment of ATMA activities have been presented below.

3. OBSERVATION AND RESULT

3.1 Functioning of State Nodal Cell and SAMETI

The State Nodal Cell (SNC), Head Quarter of ATMA at the state level is also a registered society, consisting of State Nodal officer, State Coordinator, State Gender Coordinator and supporting staff. It has been smoothly functioning at Aizawl. The SNC will ensure timely receipt of District Agriculture Action Plans (DAAPs), formulation of State Extension Work Plan (SEWP) and its approval by the SLSC. The SNC will then convey the approval and monitor implementation of these work plans by State Agricultural Management & Extension Training Institutes (SAMETIs) and ATMAs.

The State Agriculture Management and Training Institute is an extension functionary training Institute at the state level in parallel to the farmers training of ATMA at the district level. The SAMETI draw-up and executed an Annual Training Calendar each year for capacity building of the Extension Functionaries in the State. While doing so, the SAMETI will check duplication and overlapping of training content, training schedule, and trainees themselves.

Table: 1

Sl. No.	Topics	Venue	No of participants	Expected participants	Remarks
1	Central Sector Schemes of DAC & FW, MoA & FW, Govt. of India	SAMETI, Aizawl	30	Agri. & Allied Deptt. Middle level officers, ATMA & KVKs	On-Campus
2	Key soft skills for extension personal	SAMETI, Aizawl	30		On-Campus
3	ICT enabled Agricultural extension	SAMETI, Aizawl	30		On-Campus
4	Low cost water harvesting methods	SAMETI, Aizawl	30		On-Campus
5	Scientific silkworm rearing & pest, disease management	ATMA, Serchhip	30		Off-Campus
6	Scientific management of pond for effective fish rearing	ATMA, Kolasib	30		Off-Campus
7	Low cost Off seasonal cultivation practices on important Horticulture crops	ATMA, Siahia	30		Off-Campus
8	Livestock production Management and Disease prevention	ATMA, Lawngtlai	30		Off-Campus
9	Farm Journalism and Mass Media Production	ATMA, Lunglei	30		Off-Campus

Based on the available documents it is observed that release of fund to various ATMA districts was properly done. The following are Statement of Expenditure for ATMA scheme in Mizoram during 2016-17.

Table: 2 (FINANCIAL SUMMARY)

Activities	Amount (Rs. In lakh)
Unspent opening balance as on 1st April, 2016	0.00000
Central Share	0.00000
State Share	0.00000
Funds received from DAC during 2016-17	423.08100
Bank interest accrued during the year	0.00000
Released of State Matching's Share	116.21000
Total Expenditure	539.29100
Central Share	423.08100
State Share	116.21000
Unspent or Closing balance as on 31 st March, 2017	0.00000
Central Share	0.00000
State Share	0.00000

3.2 Allocation of fund in district-wise and SAMETI: Fund was allotted based on District Agriculture Action Plan (DAAP) prepared by each district every year. However, it could not be allocated as per DAAP due to limitation of fund received from the Central and State share. The indicative fund allocation for various cafeterias in each district during 2016 -2017 are:

Table 3:

Sl. No.	District	Fund allotted (In lakh)	
		1 st Installment	2 nd Installment
1.	SNC	-	51.62807
2.	SAMETI	9.65332	19.14668
3.	Aizawl	6.46100	11.27810
4.	Champhai	7.59830	12.9996
5.	Kolasib	3.79010	6.87660
6.	Mamit	6.43530	11.19980
7.	Lawngtlai	9.67460	9.66310
8.	Lunglei	7.31030	9.63310
9.	Serchhip	3.88010	3.98660
10.	Siaha	5.63030	5.30656
11.	Emolument of Staff	-	-
TOTAL FUND RELEASE		60.43332	141.71820



SAMETI Off Campus Training on Commercial Silkworm rearing and Pest & Diseases management, SAMETI Off-Campus training at Serchhip

PROGRESS REPORT AIZAWL DISTRICT UNDER ATMA2016-2017

(State matching Share)

Activities	Blocks	Venue	Topic/ FSG	No of participants/ member		Total
				Male	Female	
Exposure Visit (Within District)	Aibawk	Visit of KVK Selesih .	Study of Vermicomposting	13	7	20
Training of Farmers (Within District)	Darlawn	Sesawng	Cultivation of Ginger and Mizo chilli. MOVCD Orientation	60	20	80
Demonstration	Phullen	1)NE Tlangnuam	-Disinfection of rearing house and appliances of silk worm. -Cultivation of Chana -Slaked lime application on fish pond -Cultivation of chana	20	8	28
		2)Phuaibuang 3)Phuaibuang 4) Phullen				
	Thingsulthliah	1)Sesawng 2)Tlungvel	- Compost Preparation - Compost Preparation	9	7	16
	Aibawk	1) Muallungthu 2) Sateek	- Preparation of terrace for soil conservation. -Preparation of Cow dung manure.	14	6	20
	Darlawn	1)Sailutar 2) Darlawn	-Cultivation of mizo chilli -Cultivation of ginger	10	7	17
	Tlangnuam	1)Tuirial 2)Lungleng	-Method of cultivation of chilli -method cultivation of ginger	8	7	15
Mobilization of farmers group a)Capacity building	Phullen	1)Phuaibuang 2) Phullen	-Birds eye chilli cultivation -Birds eye chilli cultivation	20	5	25
	Thingsulthliah	1)Sesawng 2)Sihfa 3)Tlungvel	-Cultivation of mizo chilli - Papaya cultivation -Cultivation of Ginger	40	13	53
Mobilization of farmers group a)Capacity building	Aibawk	1)Melriat 2)Kelsih 3)Hualngohmun	- Cultivation of chilli. - Cultivation of chilli. - Cultivation of chilli.			
	Darlawn	1)Darlawn 2)Darlawn 3)Khawruhlian	-Housing and management of poultry -Management of pig farming - Cultivation of Banana	40	20	60
	Tlangnuam	1)Durtlang 2)Durtlang 3)Durtlang	-Seed treatment technique of ginger -Seed treatment technique of Chilli -Diseases of Chilli and Ginger and its prevention	60	11	71
b) Seed Money & Revolving Fund	Phullen	Phuaibuang	-FMC Buhchangdil project.			
	Thingsulthliah	Sihfa	-SHG 3 Sihfa			
	Aibawk	Muallungthu	Chawnpui SHG VI			
	Darlawn	Darlawn	Sow Rearing			
	Tlangnuam	Tuirial	Huisih Farmers Group			
c) Food security Group	Phullen Thingsulthliah	1)Phuaibuang 2) Phuaibuang	-SHG(Vety) - Women SHG(Agri)			

		1)Sesawng 2)Sihfa	-Mother Teresa Group -Sihlipui SHG			
	Aibawk	1) Muallungthu 2) Thiak	-Tangrual SHG IV -Ruthi Group			
	Darlawn	1)Sailutar 2)Darlawn	- Chuaioi SHG -Jehoajire SHG			
	Tlangnuam	1) Ramhlun 2)Selesih	-Ramhlun North Pig Producer - Joint Woman Group			
Operational expenes for BFAC Meeting	Phullen	YMA Hall, Phullen	BFAC Phullen Block	23	6	29
	Thingsulthliah	Thingsul Tlangnuam	BFAC Thingsulthliah Block	19	7	26
	Aibawk	YMA Hall, Melriat	BFAC Aibawk Block	15	10	25
	Darlawn			19	6	25
	Tlangnuam	Aizawl, DAO's Office	BFAC Tlangnuam Block	12	11	24
Farm School	Thingsulthliah	Pu Zohmingliana Agriculture Farm	Cultivation of Ginger	7	23	40
Farmers Friend	Phullen			9		9
	Thingsulthliah					10
	Aibawk			9		9
	Darlawn			9		9
	Tlangnuam			7	2	9

PROGRESS REPORT AIZAWL DISTRICT UNDER ATMA2016-2017

Activities	Blocks	Venue	Topic/ FSG	No of participants/ member		Total
				Male	Female	
Demonstration	Phullen	1)Phuaibuang 2)Phuaibuang	-Birds eye chilli cultivation - Birds eye chilli cultivation	5	5	10
	Thingsulthliah	1)Sihfa 2)Tlungvel	- Compost Preparation - Compost Preparation	9	7	16
	Aibawk	1)Sialsuk 2)Hualngohmun	- Preparation of terrace for soil conservation. -Preparation of poultry excreta manure	15	5	20
	Darlawn	1)Khawruhlian 2) Darlawn	-Cultivation of Banana -Composting of manure	10	5	15
	Tlangnuam	1)Tuirial 2)Arbai Zau, Durtlang	-Preparation of compost Using Nature Vel SW. - Preparation of compost Using Nature Vel SW.	5	6	11

Mobilization of farmers group a) Capacity building	Phullen	1)N. Khawlek 2) Vanbawng 3) Zawngin 4) Khawlian	-Birds eye chilli cultivation -Birds eye chilli cultivation -Birds eye chilli cultivation -Birds eye chilli cultivation	40	12	52
	Thingsulthliah	1)Sesawng 2)Sihfa 3)Tlungvel 4)Sihfa 5)Thingsulthliah 6) Thingsul, Tlangnuam 7)Saitual 8)Sesawng	-Cultivation of Papaya. - Poultry Rearing - Cultivation of Papaya. -Cultivation of Ginger - Cultivation of Papaya. - Cultivation of Papaya. -Mugga Rearing -Cultivation of Mizo chilli	110	40	150
	Aibawk	1)Melriat 2)Aibawk 3)Hualngohmun 4)Sateek 5) Maubuang 6) Kelsih 7) Thiak 8) Sumsuih 9)Hmuifang 10) Lamchhip 11)muallungthu 12)Sialsuk 13)Tachhip 14) Falkawn	- Preparation of Poultry Excreta manure - Preparation Of Cow Dung manure - Preparation of Poultry Excreta manure - Preparation Of Cow Dung manure - Preparation Of Cow Dung manure - Preparation of Poultry Excreta manure - Preparation Of Cow Dung manure - Preparation Of Cow Dung manure - Preparation Of Cow Dung manure - Preparation Of Cow Dung manure - Preparation of Poutry Excreta manure - Cultivation of chilli. - Preparation Of Cow Dung manure - Preparation of Poutry Excreta manure	120	90	210
	Darlawn	1) Khawruhlian 2) Khawruhlian 3)Khawruhlian 4) Khawruhlian	-Diseases of chilli and ginger and its prevention. -Seed treatment technique of chilli. - Seed treatment technique of chilli. - Management of litters.	60	10	70
	Tlangnuam	1)Samtlang 2)Lungleng 3)Tuirial 4) Lungleng 5)Bengbawng Zau(Durtlang) 6) Lungtatpar Zau (Durtlang)	-Feeding Schedule of poultry -Diseases of Ginger and its prevention -Cultivation of tomato in Green House -Methods of preparation of Compost -Methods of cultivation of chilli and ginger. -Organic Farming	89	22	117
b) Seed Money & Revolving Fund	Phullen	1)Phuaibuang 2)Phullen 3)Phuaibuang 4)Khawlek	-FMC Buhchangdil profect. -Tuiriza Faremer association -Organic chilli producer group,Tuivai Cluster. -Organic chilli producer group Tuivawl Cluster			

	Thingsulthliah	1)Sesawng 2)Thingsulthliah 3)Sihfa 4)Sihfa 5)Tlungvel 6)Tlungvel 7)Saitual 8)Thigsulthliah	-Talan Zau Cluster FIG -Pumpelh Zau FIG -Khelte Zau FIG - Dehlung Zau FIG -Zarte Zau FIG -Zilngai Zau FIG - Mugga SHG -Thingsulthliah FIG			
b) Seed Money & Revolving Fund	Aibawk	1)Melriat 2)Aibawk 3)Hualngohmun 4)Sateek 5) Maubuang 6) Kelsih 7) Thiak 8) Sumsuih 9)Hmuifang 10) Lamchhip 11)Muallungthu 12)Sialsuk 13)Tachhip 14) Falkawn	- Mizo Chilli FIG - Mizo Chilli FIG - Mizo Chilli FIG - Mizo Chilli FIG - Mizo Chilli FIG - Mizo Chilli FIG - Mizo Chilli FIG - Mizo Chilli FIG - Mizo Chilli FIG - Mizo Chilli FIG - Mizo Chilli FIG - Mizo Chilli FIG - Mizo Chilli FIG - Mizo Chilli FIG			
	Darlawn	1)Darlawn 2)Darlawn 3)Darlawn 4)Sailutar	-FIG Mizo Chilli -FIG Ginger -WRC Tuitla Project -Tangrual SHG			
	Tlangnuam	1)Tuirial 2)Durtlang 3)Durtlang 4)Selesih 5)Lungleng 6)Durtlang	-Gilead SHG -FIG Arbai Zau -Lungtatpar Zau -Joint Woman Group, SHG 1 -FIG, Lungleng -Bengbawng FIG			
Operational expenses for BFAC Meeting	Phullen Thingsulthliah	YMA Hall, Phullen	BFAC Phullen Block	23	6	29
		Thingsul Tlangnuam	BFAC Thingsulthliah Block	19	7	26
	Aibawk	YMA Hall, Melriat	BFAC Aibawk Block	15	10	25
	Darlawn	YMA Hall, Darlawn	BFAC Darlawn Block	19	6	25
	Tlangnuam	Aizawl, DAO's Office	BFAC Tlangnuam Block	12	11	24

Farm School	Pullen	1)Phuaibuang Vanneihthanga's Horti Farm 2) Pullen Lalrotluanga's Farm	- Quality food production - Quality food production	50	8	58
	Thingsulthliah	Saitual C.Lalruatkima's Farm	-Muga Rearing			
	Aibawk	1)Muallungthu Lalhmangaiha's Farm 2) Melriat Lalnuntluanga's Farm				
	Darlawn	Khawruhlian Zomawia's Farm	-Banana Cultivation			
	Tlangnuam	1)Ramthar C.Lalramhluna's Pig Farm 2)Samtlang K.Lalramhluna's Poultry Farm	-Diseases of Pig and its prevention. -Care and management of poultry.	33	17	50
Farmers Friend	Pullen			9		9
	Thingsulthliah			10		10
	Aibawk			9		9
	Darlawn			9		9
	Tlangnuam			7	2	9



SAMETI Off Campus Training Field Visit - Scientific management of Fish culture at Kolasib

ACHIEVEMENT REPORT OF ATMA CHAMPHAI DISTRICT DURING 2016-17

(1st Installment)

` in lakh

Sl. No	Component/ Cafeteria	Unit/ Phy	Finance	Physical Achieve	Expendi- ture	Date/Venue/Place of Visit	Methodology/ Strategy
1	Training of Farmers						
	c) Within District	4	0.60	4	0.60	1. 06/03/2017 at Ruantlang	Training on cultivation practices of different vegetable crops.
						2. 04/03/2017 at Farkawn	Train Farmers on the latest technology of Pest and Disease management in Ginger
						3. 16/03/2017 at Dulte	Creating awareness on the advantage of Integrated Farming System (IFS) economically
						4. 25/03/2017 at Pawlrang	Scientific Management of Purple Passion fruit (<i>Passiflora edulis</i>) for higher yield.
Organizing Demonstration							
2	a) Agri	4	0.16	4	0.16	1. 10/03/2017 at Hmunhmeltha	Train the farmers practically the method of handling and the required dose of different Agro - chemicals.
						2. 03/03/2017 Chhawrtui	Scientific method of Pesticide and weedicide application
						3. 21/02/2017 at Tuisen, Khawzawl	Popularized relay cropping system to increase income from the same area
						4. 24/03/2017 at Hliappui	Train the farmers practically the methods & techniques of organic ginger cultivation.

						1. 10/03/2017 at Hmunhmeltha	Training and field demonstration on rearing techniques of Mulberry silk worm
						2. 09/03/2017 at Bethel	Training and field demonstration on rearing techniques of Mulberry silk worm
						3. 08/03/2017 at N.Khawbung	Training and field demonstration on rearing techniques of Mulberry silk worm
						4. 23/02/2017 at Chhawrtui	Scientific method of Mandarin Orchard management
						5. 23/02/2017 at Sazep	Scientific method of Mulberry Plantation Management
	b) Allied	12	0.48	12	0.48	6. 24/02/2017 at Khawbung	Scientific method of Common Carp Breeding
						7. 21/02/2017 at Kawnzar, Khawzawl	Creating awareness on planting of spices locally based on marketing will reduce the rate and import from other places
						8. 22/02/2017 at Tuisen, Khawzawl	
						9. 22/02/2017 at Halsual, Khawzawl	
						10. 25/03/2017 at Saichal	Training and field demonstration on Pitcher Irrigation and mulching.
						11. 26/03/2017 at Ngopa	Training and field demonstration on organic cultivation of Mizo Chillies.
						12. 27/03/2017 at N.E Khawdungsei	Training and demonstration on working principle of Zero Energy Cool Chamber.

Exposure Visit							
3	c) Within State	1	0.80	1	0.80	11-14/04/2017	Visited Aizawl (Buyers & Seller Meet), Thiak (Horticulture Centre of Excellence), Chile (Integrated Training Centre For Horticulture), Mizoram University (Dept. of Horticulture)
	d) Within District	1	0.30	1	0.30	To visit onion cluster under NEDP in Champhai at 28/03/2017	Create awareness to the farmers on Onion cultivation.
Mobilization of Farmers Group							
4	a) Capacity Building	12	0.60	12	0.60	01/03/2017 at DAO Conference Hall, Champhai	Training of FIGs and provide necessary information
						01/03/2017 at DAO Conference Hall, Champhai	
						01/03/2017 at DAO Conference Hall, Champhai	
						01/03/2017 at DAO Conference Hall, Champhai	
						01/03/2017 at DAO Conference Hall, Champhai	
						01/03/2017 at DAO Conference Hall, Champhai	
						21/03/2017 at Khawzawl	
						21/03/2017 at Khawzawl	
						21/03/2017 at Khawzawl	
						24/03/2017 at Hliappui	
						25/03/2017 at Saichal	
						27/03/2017 at Pawlrang	
b) Seed Money/ Revolving Fund	4	0.40	4	0.40	1. 30/03/2017	Seed Money/ Revolving fund of Rs. 10000 transferred to the account of Vengsang Fisheries FIG through DBT	
					2. 28/03/2017	Seed Money/ Revolving fund of Rs. 10000 transferred to the account of Sericulture FIG, Sazep through DBT	

c)						3. 11/04/2017	Seed Money/ Revolving fund of Rs. 10000 transferred to the account of Fish FIG, Khawzawl through DBT
						4. 25/04/2017	Seed Money/ Revolving fund of Rs. 10000 transferred to the account of Saichal FIG through DBT
d) Food Security Group	8	0.80	8	0.80	1. 30/03/2017	Seed Money/ Revolving fund of Rs. 10000 transferred to the account of Bethel Women FSG through DBT	
					2. 30/03/2017	Seed Money/ Revolving fund of Rs. 10000 transferred to the account of Zote Women FSG-II through DBT	
					3. 28/03/2017 at Agriculture Conference Hall, Champhai	Seed Money/ Revolving fund of Rs. 10000 transferred to the account of Samthang FSG through DBT	
					4. 28/03/2017 at Agriculture Conference Hall, Champhai	Seed Money/ Revolving fund of Rs. 10000 transferred to the account of Samthang FSG through DBT	
					5. 11/04/2017 at Khawzawl	Seed Money/ Revolving fund of Rs. 10000 transferred to the account of Poultry FSG, Khawzawl through DBT	

						6. 11/04/2017 at Khawzawl	Seed Money/ Revolving fund of Rs. 10000 transferred to the account of Sericulture\ FSG, Khawzawl through DBT
						7. 25/04/2017	Seed Money/ Revolving fund of Rs. 10000 transferred to to the account of Pawlrang Women FSG through DBT
						8. 25/04/2017	Seed Money/ Revolving fund of Rs. 10000 transferred to to the account of Hliappui Women FSG through DBT
5	Farmer Scientist Interaction	1	0.20	1	0.20	29/03/2017 - 30/03//2017 at Agriculture Conference Hall	
6	Designated Expert Support from KVK/SAU		0.12		0.12		
7	Joint Visit by Scientist & Extension Workers	10	0.140	10	0.140		
8	OE & TA/DA for District	1.5	0.29	1.5	0.290	LS	
9	Hiring of Vehicles & POL	1.5	0.10	1.5	0.10	LS	
10	OE for DFAC Meeting	4	0.20	4	0.20	10/03/2017 at DAO Conference Hall, Champhai 10/04/2017 at DAO Conference Hall, Champhai 22/03/2017 at DAO Conference Hall, Champhai	
						20/04/2017 at DAO Conference Hall, Champhai	
11	OE for BFAC Meeting	12	.30	12	.30	1. 17/03/2017 at PD Office, Champhai 2. 24/03/2017 at PD Office, Champhai 3. 24/03/2017 at PD Office, Champhai	

						4. 23/03/2017 at Zawlbuk, Khawbung	
						5. 16/03/2017 at Zawlbuk, Khawbung	
						6. 17/03/2017 at Zawlbuk, Khawbung	
						7. 17/02/2017 at Khawzawl	
						8. 24/02/2017 at Khawzawl	
						9. 09/03/2017 at Khawzawl	
						10. 4/03/2017 at Hliappui	
						11. 8/03/2017 at Hliappui	
						12. 6/03/2017 at NE Khawdungsei	
12	Farm School	2	.58828	2	0.58828	27/03/2017 at Ngopa 05/04/2017 at Ngopa 10/04/2017 at Ngopa	Farm School on Mulberry Cultivation
						23/02/2017 at Lianpui 06/03/2017 at Lianpui 16/03/2017 at Lianpui	Farm School on Construction of Pond
13	Farmer Friend	50	1.5	50	1.50	30/03/2017 for Champhai of 17 Farmers Friend 06/03/2017 for Khawbung of 11 Farmers Friend 10/04/2017 for Khawzawl of 16 Farmers Friend 26/07/2017 for Ngopa of 6 Farmers Friend	
14	Display Board	1	0.020	1	0.020	1/04/2017	
	TOTAL		7.59828		7.59828		

(2nd Installment)

Sl. No	Component/ Cafeteria	Unit/ Phy	Finance	Physical Achieve	Expenditure	Date/Venue/Place of Visit	Methodology/ Strategy
Training of Farmers							
1	d) Within State	1	1.0	1	1.0	17-21/07/17 at College of Veterinary Sciences, Central Agriculture University & Pu Bawla Piggery, Mission Vengthlang	Train Farmers to the latest scientific technology in AH&Vety sector.
Organizing Demonstration							
2	b) Allied	8	.32	8	.32	1. 13/07/2017 at Ruantlang, Champhai	Demonstration on Preparation of Organic Compost using Naturevel-SW
						2. 13/07/2017 at Tlamsam, Champhai	Demonstration on Preparation of Organic Compost using Naturevel-SW
						3. 06/07/2017 at Farkawn, Khawbung	Demonstration on Preparation of Organic Compost using Composting Agent
						4. 07/07/2017 at Khankawn, Khawbung	Demonstration on Common Carp Breeding
						5. 04/07/2017 at Halsual, Khawzawl	Demonstration on Cultivation of Winter Cabbage
						6. 05/07/2017 at Hermon, Khawzawl	Demonstration on Disinfection of Mulberry Silkworm Rearing House
						7. 5/07/2017 at Hliappui	Practical Use of Tricoderma harzianum for control on disease Infestation in crops
						8. 6/07/2017 at Hliappui (Zo hmun)	Practical Use of Tricoderma harzianum for control on disease Infestation in crops
Mobilization of Farmers Group							
3	a) Capacity Building	41	2.05	41	2.05	1. Organic Ginger FIG, Vaikhawtlang at 04/07/2017	Training of FIG members to increase their Farming Skill in Agriculture and allied sector
						2. Organic Mizo Chilli FIG, Ngur at 04/07/2017	Training of FIG members to increase their Farming Skill in Agriculture and allied sector
						3. Organic Ginger FIG, Ngur at 04/07/2017	Training of FIG members to increase their Farming Skill in Agriculture and allied sector
						4. Organic Mizo	Training of FIG members to

					Chilli FIG, Zote at 04/07/2017	increase their Farming Skill in Agriculture and allied sector
					5. Organic Ginger FIG, Zote at 04/07/2017	Training of FIG members to increase their Farming Skill in Agriculture and allied sector
					6. Organic Ginger FIG, N.Khawbung at 04/07/2017	Training of FIG members to increase their Farming Skill in Agriculture and allied sector
					7. Organic Mizo Chilli FIG, N.Khawbung at 04/07/2017	Training of FIG members to increase their Farming Skill in Agriculture and allied sector
					8. Organic Mizo Chilli FIG, Hmunhmeltha at 04/07/2017	
					9. Organic Ginger FIG, Mualkawi at 04/07/2017	
					10. Organic Ginger FIG, Ruantlang at 04/07/2017	
					11. Organic Mizo Chilli FIG, Vapar at 04/07/2017	
					12. Organic Ginger FIG, Vapar at 04/07/2017	
					13. Organic Mizo Chilli FIG, Hnahlan at 04/07/2017	
					14. Organic Ginger FIG, Khuangphah at 04/07/2017	
					15. Organic Mizo Chilli FIG, Tlangsam at 04/07/2017	
					16. Organic Ginger FIG, Khankawn at 04/07/2017	
					17. Organic Ginger FIG, Farkawn at 04/07/2017	
					18. Organic Ginger FIG, Leisenzo at 04/07/2017	
					19. Organic Ginger FIG, Sesih at 04/07/2017	

					20. Organic Chilli FIG, Lianpui at 04/07/2017	
					21. Organic Chilli FIG, Leisenzo at 04/07/2017	
					22. Dulte Ginger FIG at 27/06/2017	
					23. Kawkulh Ginger FIG at 27/06/2017	
					24. Dulte Chilli FIG at 27/06/2017	
					25. Chalrang Chilli FIG at 28/06/2017	
					26. Khawhai Chilli FIG at 28/06/2017	
					27. Tualte Chilli FIG at 28/06/2017	
					28. Puilo Chilli FIG at 28/06/2017	
					29. Puilo Ginger FIG at 29/06/2017	
					30. Chhawrtui Ginger FIG at 29/06/2017	
					31. Chhawrtui Chilli FIG at 29/06/2017	
					32. 24/03/2017 Hliappui Ginger FIG	
					33. Lamzawl Mizo Chilli FIG	
					34. Saichal Mizo Chilli FIG	
					35. Khawkawn Ginger FIG	
					36. NE Khawdungsei Ginger FIG	
					37. NE Khawdungsei Mizo Chilli FIG	
					38. Ngopa Mizo Chilli FIG	
					39. Ngopa Ginger FIG	
					40. Chiahpui Mizo Chilli FIG	
					41. Chiahpui Ginger FIG	

						Organic Ginger FIG, N.Khawbung at 10/08/2017	Provide FIG with Seed money/revolving fund through DBT.
						Organic Ginger FIG, Ruantlang at 10/08/2017	
						Organic Ginger FIG, Zote at 10/08/2017	
						Organic Ginger FIG, Mualkawi at 10/08/2017	
						Organic Ginger FIG, Ngur at 10/08/2017	
						Organic Ginger FIG, Vapar at 10/08/2017	
						Organic Ginger FIG, Khuangphah at 10/08/2017	
						Organic Ginger FIG, Vaikhawtlang at 10/08/2017	
	b) Seed Money/ Revolving Fund	41	4.1	41	4.1	Organic Mizo Chilli, N.Khawbung at 10/08/2017	
						Organic Mizo Chilli, Hmunhmeltha at 10/08/2017	
						Organic Mizo Chilli, Zote at 10/08/2017	
						Organic Mizo Chilli, Tlangsam at 10/08/2017	
						Organic Mizo Chilli, Ngur at 10/08/2017	
						Organic Mizo Chilli, Vapar at 10/08/2017	
						Organic Mizo Chilli, Hnahlan at 10/08/2017	
						Organic Ginger FIG, Khankawn at 10/08/2017	
						Organic Ginger FIG, Farkawn at 10/08/2017	
						Organic Ginger FIG, Leisenzo at 10/08/2017	

						Organic Ginger FIG, Sesih at 10/08/2017	
						Organic Mizo Chilli FIG, Leisenzo at 10/08/2017	
						Organic Mizo Chilli FIG, Lianpui at 10/08/2017	
						Organic Chilli FIG Khawhai at 1/7/2017	
						Organic Chilli FIG Tualte at 1/7/2017	
						Organic Chilli FIG Dulte at 4/7/2017	
						Organic Ginger FIG Puilo at 4/7/2017	
						Organic Chilli FIG Puilo at 4/7/2017	
						Organic Ginger FIG Kawlkulh at 4/7/2017	
						Organic Ginger FIG Dulte at 4/7/2017	
						Organic Chilli FIG Chhawrtui at 7/7/2017	
						Organic Ginger FIG Chhawrtui at 7/7/2017	
						Organic Chilli FIG Chalrang at 10/7/2017	
4	Low cost publication	4	0.72	4	0.72	1. 01/08/2017	Spontaneous Breeding of Common Carp
						2. 25/07/2017	Foot and Mouth Disease
						3. 02/08/2017	Organic Practices of Ginger Cultivation & Organic Practices of Mizo Chilli Cultivation.
						4. 02/07/2017	Organic Practices of Ginger Cultivation & Organic Practices of Mizo Chilli Cultivation.
5	Designated Expert Support from KVK/SAU		0.12		0.12		
6	TA/DA and OE for District		0.73645		0.73645		
7	OE for BFAC	4	0.1	4	0.1	1. 14/07/2017	
						2. 15/07/2017	
						3. 03/07/2017	
						4. 08/07/2017	

8	Farm School	8	2.3531 2	8	2.35312	28/06/2017 15/07/2017 29/06/2017	Farm School on Rearing of Mulberry Silk Worm at N.Khawbung
						29/06/2017 27/07/2017 07/07/2017	Farm School on Common Carp Breeding at Phaithlang zau, Hmunhmeltha
						03/07/2017 07/07/2017 01/08/2017	Farm School on Improved Package of Practice
						05/07/2017 07/07/2017 17/07/2017	Farm School on Mulberry Silkworm Rearing
						29/06/2017 04/07/2017	Farm School on Scientific Rearing of Mulberry Silkworm
						04/07/2017 27/07/2017	Farm School on Integrated Farming System
						Ngopa	Farm School on Vegetable Production
						N.E.Khawdungsei	Farm School on Plant Protection
9	Farmer Friend	50	1.5	50	1.5	27/06/2017 for Champhai for 6 Farmers Friend	Provide Farmer Friend Their travel and field visit expense through DBT
						14/07/2017 for Khawbung for 6 Farmers Friend	
						26/06/2017 for Khawzawl for 6 Farmers Friend	
						06/04/2017 for Ngopa for 6 Farmers Friend	
TOTAL							

ACHIEVEMENT AND PROGRESS REPORT OF ATMA, KOLASIB DISTRICT

Sl. No	Activities	Topic	Sector	Location
B.2	(b) Training of Farmers (Within State)	a) Paddy-cum-Fish Culture	Agriculture	Champhai
	(c) Training of Farmers (Within District)	a) Fish Pond Management	Fishery	Hortoki
		b) Clean Milk Production	AH & Vety	Bilkhawthlir
B.3	(a) Organising Demonstration (Agriculture)	a) Insect Pest Management	Agriculture	Hortoki
		b) Cultivation Technique of Field Pea	Agriculture	Chhimluangpui zau,BKT
	(b) Organising Demonstration (Allied Sector)	a) Important Management of Muga Food Plant & Rearing Technique (3 units)	Sericulture	Kawnpui
		b) Identification of Various Fish, Control of Aquatic Weeds etc. (2 units)	Fishery	Saihapui 'K'
		c) Rearing of Mulberry Silkworm & Cultivation of Mulberry (2 units)	Sericulture	Rengtekawn, Kolasib
		d) Planting Technique, Plant Management, Harvesting (3 units)	Soil & Water Conservation	Khamrang
		e) Orange Budding (2 units)	Horticulture	Kolasib
B.4	(c) Exposure Visit (Within District)	(a) To study and expose with Oil Palm Mill	Agriculture	Bukvannei
B.5	Mobilization of Farmer Group	(a)Capacity building (21 Units)	Agriculture	Serkhan
		(b)Seed Money Revolving Fund (17 Units)	AH & Vety	Hortoki
		(c) Food Security Group (4 Units)	Sericulture	Kawnpui
			AH & Vety	Kolasib
			Agriculture	Bilkhawthlir
	Horticulture	Kolasib		
B.11	(a) Farmer Scientist Interaction at District Level	Identification & solve the problems of farmers		Kolasib
	(b) Designated expert support from KVK/SAU at District Level			
	(c) Joint visit by Scientist and Extn. Workers			
B.13	Assessment, refinement, validation and adoption of front line technologies and other short term researchable issues through KVKs and other local research centres			
B.14	a) Operational expenses for including TA/DA at District level			
	b) Hiring of vehicle & POL(District level)			
	c) Operational expenses for DFAC meeting			
	d) Operational expenses for BFAC meeting			

B.15	Farm School(5 units)	a) Improved Cultivation Practices of Sugarcane	Agriculture	Thingdawl
		b) Scientific Rearing & Management of Poultry	AH & Vety	Bualpui
		c) Nursery Pond Management & Fish Grow out Pond Management	Fishery	Rengtelui zau, Kolasib
		d) Silk worm rearing and harvesting of Cocoon	Sericulture	Rengtekawn, Kolasib
		e) Utilization of PP Chemical	Agriculture	Kolasib
D.3	Farmer Friend	Total 18 nos of Farmer Friend are provided with sum of Rs 1,08,000/- (6,000/- each) as service charges		
F.1	Display Board	Help Line		



Organic farming and integrated Nutrient management, SAMETI On-Campus training in collaboration with EEI, Jorhat

SECTOR WISE STRATEGIES AS PER SREP FOR DEVELOPMENT OF AGRICULTURE AND ALLIED SECTORS, THRUST AREAS FOR EXTENSION, RESEARCH NEED AND PROPOSED ACTIVITIES FOR ATMA, MAMIT DISTRICT (2016-2017)

SECTOR	STRATEGIES AS PER SREP	ACTIVITIES PROPOSED	NO. OF UNITS PROPOSED	AMOUNT (IN LAKH)
		EXTENSION	EXTENSION	
AGRICULTURE	Popularize WRC, oil palm SRI, Multi Storey	B.2 Training of fanners (a) Inter State	1	0.625
		(h) Within State	1	0.5
		(c) Within District Level	3	0.12
	Oil Palm, Sugarcane, SRI,	B.3 Organizing Demonstrations (a) Agriculture Sector	5	0.2
		(b) Allied Sector		
	Popularize BIO farming techniques , SRI, Oil Palm, Pest management	B.4 Exposure Visit of Farmers (a) Inter State	1	0.4
		(b) Within the State	1	0.8
		(c) Within District	2	0.12
	Capacity building & incentives Food Security groups Publication of pest management techniques	B.5 Formation & Mobilization of FIG (a) Capacity Building	2	0.1
		(b) Seed Money/ Revolving Fund	2	0.2
		(c) Food Security Groups	2	0.2
		B.6 Rewards and Incentives - Farmers Group	1	0.1
		B.7 Farmer Awards	1	0.1
		B.8 Exhibition/ Kisan melas	1	2
		B.9 (a) Information dissemination	1	2
		(b) Low cost publication	1	0.72
		B.12 Organization of Kisan Gosthis	1	0.3
	Oil Palm, Sugarcane, SRI, Terraced Farming	B.15 Farm school	3	0.88242
	Animal Clinic, Block Level Farmer Meet	E.2 Innovative Activities	3	1.5
		TOTAL		10.86742

SECTOR	STRATEGIES AS PER SREP	ACTIVITIES PROPOSED	NO. OF UNITS PROPOSED	AMOUNT (IN LAKH)	
		EXTENSION	EXTENSION		
HORTICULTURE	Popularize Silk rearing, Multi Storey	8.2 Training of farmers (a) Inter State	1	0.625	
		(b) Within State	1	0.5	
		(c) Within District Level	2	0.08	
	Orange, Turmeric, Arecanut Rubber	B.3 Organizing Demonstrations (a) Agriculture Sector			
		(b) Allied Sector	1	0.04	
	Popularize vegetable farming	B.4 Exposure Visit of Farmers (a) Inter State			
		(b) Within the State	1	0.8	
		(c) Within District	2	0.12	
	Capacity building & Incentives Food Security groups Publication of pest management techniques	B.5 Formation & Mobilization of FIG (a) Capacity Building	1	0.05	
		(b) Seed Money/ Revolving Fund	1	0.1	
		(c) Food Security Groups	1	0.1	
		B.6 Rewards and Incentives - Farmers Group	1	0.2	
		B.7 Farmer Awards	1	0.1	
		B.8 Exhibition/ Kisan melas			
		B.9 (a) Information dissemination			
		(b) Low cost publication			
		B.12 Organization of Kisan Gosthis	1	0.3	
	B.15 Farm school	2	4.58828		
	TOTAL		7.60328		

SECTOR	STRATEGIES AS PER SREP	ACTIVITIES PROPOSED	NO. OF UNITS PROPOSED	AMOUNT (IN LAKH)
		EXTENSION	EXTENSION	
AH & VETY	Artificial Insemination, Poultry, animal health training	B.2 Training of farmers (a) Inter State		
		(b) Within State	2	1
		(c) Within District Level	2	0.08
	Pig Rearing	B.3 Organizing Demonstrations (a) Agriculture Sector		
		(b) Allied Sector	1	0.04
	Housing & Management of Piggery	B.4 Exposure Visit of Farmers (a) Inter State	1	0.4
		(b) Within the State	1	0.8
		(c) Within District	2	0.12
	Capacity building & Incentives Food Security groups Publication of pest management techniques	B.5 Formation & Mobilization of FIG (a) Capacity Building	1	0.05
		(b) Seed Money/ Revolving Fund	1	0.1
		(c) Food Security Groups	1	0.1
		B.6 Rewards and Incentives - Farmers	1	0.2
		B.7 Farmer Awards	1	0.1
		B.8 Exhibition/ Kisan melas		
		B.9 (a) Information dissemination		
		(b) Low cost publication		
		B.12 Organization of Kisan Gosthis	1	0.3
	B.15 Farm school	1	0.29414	
Animal Health Clinic	E.2 Innovative Activities			
			TOTAL	3.58414

SECTOR	STRATEGIES AS PER SREP	ACTIVITIES PROPOSED	NO. OF UNITS PROPOSED	AMOUNT (IN LAKH)
		EXTENSION	EXTENSION	
SERICULTURE	Popularize Silk rearing, Multi Storey	B.2 Training of farmers (a) Inter State		
		(b) Within State		
		(c) Within District Level	4	0.24
	Silk rearing	B.3 Organizing Demonstrations (a) Agriculture Sector		
		(b) Allied Sector		
	Popularize silk farming techniques & management	B.4 Exposure Visit of Farmers (a) Inter State		
		(b) Within the State		
		(c) Within District	4	0.24
	Capacity building & Incentives Food Security groups Publication of pest management techniques	B.5 Formation & Mobilization of FIG (a) Capacity Building		
		(b) Seed Money/ Revolving Fund		
		(c) Food Security Groups		
		B.6 Rewards and Incentives - Farmers		
		B.7 Farmer Awards		
		B.8 Exhibition/ Kisan melas		
		B.9 (a) Information dissemination		
(b) Low cost publication				
Silk fanning	B.12 Organization of Kisan Gosthis	1	0.3	
	B.15 Farm school	1	0.29414	
	TOTAL		1.07414	

SECTOR	STRATEGIES AS PER SREP	ACTIVITIES PROPOSED	NO. OF UNITS PROPOSED	AMOUNT (IN LAKH)
		EXTENSION	EXTENSION	
FISHERIES	Popularize fish Farming, Multi Storey	B.2 Training of farmers (a) Inter State		
		(b) Within State	1	0.5
		(c) Within District Level	3	0.12
	Fish Farming	B.3 Organizing Demonstrations (a) Agriculture Sector		
		(b) Allied Sector	2	0.08
	Popularize Fish farming techniques & management	B.4 Exposure Visit of Farmers (a) Inter State		
		(b) Within the State		
		(c) Within District	3	0.18
	Capacity building & Incentives Food Security groups Publication of pest management techniques	B.5 Formation & Mobilization of FIG (a) Capacity Building	1	0.05
		(b) Seed Money/ Revolving Fund	1	0.1
		(c) Food Security Groups	1	0.1
		B.6 Rewards and Incentives -		
		B.7 Farmer Awards		
		B.8 Exhibition/ Kisan melas		
		B.9 (a) Information dissemination		
		(b) Low cost publication		
		B.12 Organization of Kisan Gosthis	1	0.3
Oil Palm, Sugarcane, SRI, Terraced Farming	B.15 Farm school	2	0.58828	
		TOTAL	2.01828	

SECTOR	STRATEGIES AS PER SREP	ACTIVITIES PROPOSED	NO. OF UNITS PROPOSED	AMOUNT (IN LAKH)	
		EXTENSION	EXTENSION		
SOIL & WATER CONSERVATION	Popularize rubber, coffee Multi Storey	B.2 Training of farmers (a) Inter State	1	0.625	
		(b) Within State	1	0.5	
		(c) Within District Level	1	0.04	
	Rubber, Coffee	B.3 Organizing Demonstrations (a) Agriculture Sector			
		(b) Allied Sector	1	0.04	
	Popularize Rubber farming techniques	B.4 Exposure Visit of Farmers (a) Inter State	1	0.4	
		(b) Within the State			
		(c) Within District	1	0.06	
	Capacity building & Incentives Food Security groups Publication of pest management techniques	B.5 Formation & Mobilization of FIG (a) Capacity Building	1	0.05	
		(b) Seed Money/ Revolving Fund	1	0.1	
		(c) Food Security Groups	1	0.1	
		B.6 Rewards and Incentives - Farmers Group			
		B.7 Farmer Awards			
		B.8 Exhibition/ Kisan melas			
		B.9 (a) Information dissemination			
		(b) Low cost publication			
	B.12 Organization of Kisan Gosthis	1	0.3		
Rubber and coffee plantation	B.15 Farm school	1	0.29414		
	TOTAL		2.50914		

SECTOR	STRATEGIES AS PER SREP	ACTIVITIES PROPOSED	NO. OF UNITS PROPOSED	AMOUNT (IN LAKH)
		EXTENSION	EXTENSION	
KVK	Identify and solve farmers problem	B.9 (a) Information dissemination		
	IT network to develop farm technology	B.10 Dev of techno package through It Network	4	0.8
	Identify and solve farmers problem , use of bio fertilizers, and farm management	B.11 (a) Farmer Scientist Interaction	2	0.4
		(b) Designated support from KVK/SAU	12	0.24
		(c) Joint visits by Scientist & Extn. Workers	1	0.08
	Irrigation practices, SRI	B.13 Assessment, Refinement, Validation etc.	4	1.00
		TOTAL		2.52



Soft skills for enhancing interpersonal effectiveness in Agriculture Extension, SAMETI On-Campus training in collaboration with EEI, Jorhat

**INDICATIVES ACTIVITIES TO BE TAKEN AND FUND RELEASED UNDER EXTENSION REFORMS (ATMA)
FOR 2016-17 in Lawngtlai District**

1st Instalment

in Lakh

S N	Name of Office	Training of farmers c. Within district		Organizing Demonstrations Agri..		Organizing Demonstrations Allied sector		Exposure Visit (b) Within State		Exposure Visit (c) Within District		Mobilization of Farmers Group a. Their capacity building		Mobilization of Farmers Group b. Seed money/Revolving fund		c. Food Security Groups.		(i) Farmers Scientists Interaction (ii) Designate expert support.		Jt. Visits by Scientist & Extension Workers	
		B.2		B.3				B.4				B.5				B.11					
		Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Fin.	Fin.	Phy.	Fin.
1	PD, ATMA							1	0.80	1	0.30							0.20		12	0.168
2	KVK, Lawngtlai																		0.12		
3	Lawngtlai Block	1	0.15	1	0.04	4	0.16					3	0.15	1		2	0.20				
4	Sangau Block	1	0.15	1	0.04	5	0.20					3	0.15	1		2	0.20				
5	Bungtlang 'S' Block	2	0.30	2	0.08	3	0.12					3	0.15	1		2	0.20				
6	Chawngte Block	2	0.30	2	0.08	3	0.12					3	0.15	1		2	0.20				
Total of Fund Released		6	0.90	6	0.24	15	0.60	1	0.80	1	0.30	12	0.60	4		8	0.80	0.20	0.12	12	0.17

**INDICATIVES ACTIVITIES TO BE TAKEN AND FUND RELEASED UNDER EXTENSION REFORMS (ATMA)
FOR 2016-17 in Lawngtlai District**

in lakh

Sl. No.	Name of Office	Operational expenses & TA/DA	Hiring of vehicle / POL	OE for DFAC Meeting		OE for BFAC Meeting		Farm School		Farmer Friend		Display Board	Grand total of fund released		
		B.14										B.15	D.3	F	-
		Fin.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Fin.	-
1	PD, ATMA	0.29	0.10	4	0.20							0.02	2.07800		
2	KVK, Lawngtlai												0.12000		
3	Lawngtlai Block					3	0.075	1	0.2941	12	0.36		1.52914		
4	Sangau Block					3	0.075	1	0.2941	10	0.30		1.50914		
5	Bungtlang 'S' Block					3	0.075	1	0.2941	20	0.60		1.91914		
6	Chawngte Block					3	0.075	1	0.2941	40	1.20		2.51914		
Total of Fund Released		0.29	0.10	4	0.20	12	0.300	4	1.1766	82	2.46	0.02	9.67456		

INDICATIVES ACTIVITIES TO BE TAKEN AND FUND RELEASED UNDER EXTENSION REFORMS (ATMA)

FOR 2016-17 in Lawngtlai District

2nd Instalment

in lakh

S N	Name of Office	Training of farmers b. Within state		Organizing Demonstrations Agri.		Organizing Demonstrations Allied sector		Mobilization of Farmers Group a. Their capacity building				Mobilization of Farmers Group b. Seed money/Revolving fund		c. Food Security Groups		Farm information Dissemination b) Low cost Publication		Agriculture Technology Refinement, Validation and Adoption (ii) Designate expert support.		Agriculture Technology Refinement, Validation and Adoption	
		B.2		B.3		B.5				B.9 (b)		B.11		B.13							
		Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.				
1	PD, ATMA													1	0.72						
2	KVK, Lawngtlai															1	0.12	1	1.0		
3	Lawngtlai Block				6	0.24	1	0.05	1	0.10											
4	Sangau Block	1	1.00		6	0.24															
5	Bungtlang 'S' Block				6	0.24	1	0.05	1	0.10											
6	Chawngte Block				6	0.24	1	0.05	1	0.10											
Total of Fund Released		1	1.00		24	0.96	3	0.15	3	0.30			1	0.72	1	0.12	1	1.0			

INDICATIVES ACTIVITIES TO BE TAKEN AND FUND RELEASED UNDER EXTENSION REFORMS (ATMA)

FOR 2016-17 in Lawngtlai District

in lakh

Sl. No.	Name of Office	Operational expenses & TA/DA		Hiring of vehicle / POL		OE for DFAC Meeting		OE for BFAC Meeting		Farm School		Farmer Friend		Display Board	Grand total of fund released
		B.14		B.15		D.3		F	-						
		Fin.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Fin.	-		
1	PD, ATMA	0.50	0.00										0.00	1.22000	
2	KVK, Lawngtlai													1.12000	
3	Lawngtlai Block					1	0.025	2	0.58828	12	0.36			1.36328	
4	Sangau Block					1	0.025	2	0.58828	10	0.30			2.15328	
5	Bungtlang 'S' Block					1	0.025	2	0.58828	20	0.60			1.60328	
6	Chawngte Block					1	0.025	2	0.58828	40	1.20			2.20328	
Total of Fund Released		0.50	0.00			4	0.100	8	2.35312	82	2.46	0.00		9.66312	

AGRICULTURE TECHNOLOGY MANAGEMENT AGENCY LUNGLEI DISTRICT 2016-17

SI No.	Activities	Cost per unit	No. of activities	Received	Expenditure	Balance	Remarks
1	B.2 Training of farmers						
	(c) within district	15,000	4	60,000	30,000	30,000	
2	B.3 Organizing demonstration						
	a) Agri.	4,000	4	16,000	8,000	8,000	
	b) Allied sector	4,000	20	80,000	8,000	72,000	
3	B.4 Exposure visit						
	c) Within district	30,000	1	30,000		30,000	
4	B.5-Mobilization of farmers						
	a) Capacity building	5,000	40	2,00,000	70,000	1,30,000	
	b) Seed money/Revolving fund	10,000	32	3,20,000	1,80,000	1,40,000	
	c) Food security groups	10,000	8	80,000	40,000	40,000	
5	B.11-Agriculture Technology refinement.						
	Validation and adoption						
	a) Farmer Scientist Interaction	20,000	1	20,000		20,000	
	b) Designate expert from	-	2	24,000		24,000	
	c) Joint visits by Scientists & Extn. Workers	1,400	8	11,200		11,200	
6	B.14-Establishment of ATMA Like Institution						
	a) O.E &TA/DA	-	-	79,000	79,000	0	
	b) Hiring of vehicle & POL	-	-	10,000		10,000	
	d) O.E for DFAC Meeting	-	4	20,000		20,000	
	e) O.E for BFAC Meeting	-	16	40,000	20,000	20,000	
7	B.15- Farm School	29,414	10	2,94,140	1,17,656	1,76,48	
8	D.3 - Farmer friend	6,000	68	4,08,000	4,08,000	0	
9	F-Display Board	2,000	1	2,000		2,000	
10	STRY	-	-	42,000.	42,000	0	
11	FCAC	-	-	2,000		2,000	Refunded
	Total (A)			17,38,340	10,02,656	7,35,68	
Staff Salary 2016-17 (including arrears)							
SI No.	Designation			Amount			
1	Deputy Project Director			6,36,465	6,36,465	0	
2	Accountant cum Clerk			4,62,012	4,62,012	0	
3	Computer Programmer			2,11,200	2,11,200	0	
4	Block Technology Manager			13,75,200	13,75,200	0	
5	Assistant Technology Manager			16,61,760	15,61,760	0	
	Total (B)			43,46,637	43,46,637	0	
	Grand total (A-s-B)			60,84,977	53,49,293	7,35,684	

ACHIEVEMENT REPORT OF ATMA SERCHHIP DISTRICT DURING 2016-17

(1st Installment)
in lakhs

Sl.No	Component	Unit/Phy	Finance	Achieve	Balance	Venue/Place of Visit
1	Training of farmers (B.2) c. Within District	2	0.300	0.300	0	1.Oil Palm Cultivation @Thenzawl 2. INM on M-Orange @ Mualcheng
2	Demonstration (B.3) a.Agriculture	2	0.080	0.080	0	Demonstration on Maize @E.Lungdar
3	Demonstration (B.3) b.Allied	6	0.240	0.240	0	1. Demonstration on feeding management of pig @ Serchhip 2. IPM on M-Orange @ Chhiahtlang. 3. Demonstration on Improved Variety of Maize @ N.Vanlaiphai.
4	Exposure Visit (B.4) b. Within State	1	0.300	0.300	0	Mulco based dairy farm @Chhingchhip
5	Mobilization of Farmer Groups (B.5) a. Capacity Building	6	0.300	0.300	0	1.Fish Rearing Group @ N.Vanlaiphai Silkworm Rearing Group @ Chhiahtlang 2.Vegetable Grower Group @ E.Lungdar Vegetable Grower Group @Serchhip 3.Coffee Grower Group @Keitum Pig Rearing Group@ Chhiahtlang
	b. Seed Money	2	0.200	0.200	0	Same as above
	c. Food Security Groups	4	0.400	0.400	0	Same as above

6	Agricultural Technology Refinement, validation & Adoption (B.11) a.Farmer Scientist Interaction	1	0.200	0.200	0	
	b.Designated Support from KVK		0.120	0.120	0	
	c.Joint visits by Scientist & Extension worker	4	0.056	0.056	0	
7	Establishment of ATMA like Institution (B.14) a.Operational Expenses & TA/DA	1	0.28996	0.28996	0	
	b.Hiring of vehicle & POL for district	1	0.100	0.100	0	
	d.Operational Expenses for DFAC meeting	4	0.200	0.200	0	
	e.Operational Expenses for BFAC meeting	6	0.150	0.150	0	
8	Farm School (B.15)	1	0.29414	0.29414	0	1.Composite fish farming @ Zuangleng
9	Farmer Friend (D.3)	21	0.630	0.630	0	
10	Display Board	1	0.020	0.020	0	
	TOTAL			3.88014		

ACHIEVEMENT REPORT OF ATMA SERCHHIP DISTRICT DURING 2016-17

(2nd Installment)

in lakhs

Sl.No	Component	Unit/Phy	Finance	Achieve	Balance	Venue/Place of Visit
1	Demonstration (B.3) b.Allied	4	0.160	0.160	0	1.INM on Rubber Plantation @ Khawlailung 2.Demonstration on Muga Culture @ Chhiahtlang
2	Mobilization of Farmer Groups (B.5)					1.Chilli Growers Group I @ Bungtlang Hmunthlangzau Chilli Grower Group @ Hmawngkawn
	a.Capacity Building	9	0.450	0.450	0	2. Chilli Growers Group II @ Bungtlang Bawngfarm Zau Chilli Grower Group @Baktawng
	b.Seed Money	9	0.900	0.900	0	3.Chilli Growers Group III @ BungtlangSakeilui Zau Chilli Grower Group @ Chhingchhip 4.Chilli Growers Group @ Sialsir Tuisen Zau Chilli Grower group @ Chhingchhip Tuikum Zau Chilli Grower Group @ Chhiahtlang
3	Agricultural Technology Refinement, validation & Adoption (B.11) b.Designated Support from KVK	1	0.120	0.120	0	
4	Establishment of ATMA like Institution (B.14)					
	a.Operational Expenses & TA/DA	1	0.500	0.500	0	
	e.Operational Expenses for BFAC meeting	2	0.050	0.050	0	
5	Farm School (B.15)	4	1.17656	1.17656	0	1.Cereal based cropping system @N.Vanlaiphai 2.Management of Ratoon Sugarcane @ Khawlailung 3.Grafting Technique of Rubber @ Zuangleng 4. Paddy Cultivation @ Zawlpui
6	Farmer Friend (D.3)	21	0.630	0.630	0	
	TOTAL			3.9866		

Activities taken up under extension reforms (ATMA) during 2016 - 2017 Rs.10,93,684/-

State: Mizoram

District: Siaha

No. of Block: 2

(Siaha Block & Tipa Block) Rs.in lakh

SI No.	Name of ATMA District/Agency	No of Participant	No. of unit	Cost/ unit	Total	Block/ Agency	Place/ Village	Sector/ Dept	Strategy
B.2.	Training of Farmers (b) Within State	20	1	1.00	1.00	Siaha	Mampui & Kawlchaw	AH & Vety & Horti	Cattle rearing techniques and usage of dungs Management of mango
	(c). Within District	60	3	0.15	0.45	Siaha	Amobyu Vaithei	Agri	Integrated farming system on Oil Palm cultivation
						Siaha	Naohtla	Horti	Cultivation of strawberry and its procesing
						Tipa	Theiri	Horti	Training on IPM
B.3.	Organizing Demonstration (a). Agri-	20	3	0.04	0.12	Siaha	Kawlchaw	Agri	Irrigation management
						Siaha	Kawlchaw	Agri	Pest and disease management
						Tipa	Kawlchaw	Agri	Promotion of integrated pest management
	(b). Allied Sector	20	3	0.04	0.8	Siaha	College vaih	Agri	Vaccination on Swine & Poultry
						Siaha	College vaih	AH & Vety	Vaccination on Swine & Poultry
						Siaha	Siaha	AH & Vety	Vaccination on Swine & Poultry
						Siaha	Siaha	AH & Vety	Vaccination on Swine & Poultry
						Tipa	Serkawr	Horti	Pruning on Orange
						Tipa	Serkawr	Horti	Practices of Mulching on Orange
						Tipa	Serkawr	Horti	Fertilizer application on Orange
						Tipa	Serkawr	Horti	Plant protection on Orange
						Siaha	Amobyu	Horti	Rejuvenation of Citrus Orchard
						Siaha	Amobyu	Horti	Rejuvenation of Citrus Orchard
Siaha	Amobyu	Horti	Rejuvenation of Citrus Orchard						
					Siaha	Amobyu	Horti	High density cultivation of pineapple	
					Siaha	Amobyu	Horti	High density cultivation of pineapple	

						Tipa	Zyhno	Horti	Improved package of practice for cultivation of Chilli under Jhum
						Tipa	Zyhno	Horti	Improved package of practice for cultivation of Chilli under Jhum
						Tipa	Zyhno	Horti	Improved package of practice for cultivation of Chilli under Jhum
						Tipa	Siatlai	Horti	Improved package of practice for cultivation of Chilli under Jhum
						Tipa	Siatlai	Horti	Improved package of practice for cultivation of Chilli under Jhum
						Tipa	Siatlai	Horti	Improved package of practice for cultivation of Chilli under Jhum
B.4.	Exposure visit of farmer. (b). Within State	25	1	0.8	0.8	Nodal	Thenzawl	Multi-sectors	Exposure visit on Fish farming, Cattle rearing and Foder growing
	(c). Within District	100	1	0.3	0.3	Nodal	Phawng-puitlang	Multi-sectors	Exposure visit of farmers at Phawngpuitlang
B.5.	Mobilization of farmer Groups (a). Capacity Building	25	8	0.05	0.4	Siaha	Maubawk CH	AH & Vety	Broiler farming
						Siaha	Maubawk	AH & Vety	Broiler farming
						Siaha	Theihra	AH & Vety	Broiler farming
						Tipa	Siatlai	Horti	Kitchen gardening
						Tipa	Dairy vaih	AH & Vety	Broiler farming.
						Tipa	Tipa	Horti	Kitchen Gardening for SHG
						Siaha	Siahatla	AH & Vety	Broiler farming
						Tipa	Tipa	AH & Vety	Broiler farming.
	(b). Seed money/Revolving fund	25	4	0.1	0.4	Siaha			Thaikung SHG
						Tipa			Kophe SHG
						Siaha			Joseph Broiler SHG
						Tipa			Women SHG
	(C) Food security Groups	25	4	0.1	0.4	Siaha			Vohbik FSG
						Siaha			Women FSG
						Tipa			Women SHG Dairy -I
						Tipa			Women Tipa Dairy -II

B.9.	Information Dissemination (b). Low cost publication				0.72				
B.11	Agriculture Technology, Refinement, Validation and Adoption (a). Farmer Scientist Interaction		1	0.2	0.2				
	(b). Designated Support from KVK/SAU		12 mnts	0.02	0.12	KVK			
	(c). Joint visit by scientist and Ext. Workers		8	0.014	0.112	Nodal			
B.14.	Establishment of ATMA like institution								
	(a). TA/DA & O.E for District				0.79	Nodal			
	(b). Hiring of Vehicle & POL				0.1				
	(c). O.E for Block level				0.05				
	(d). O.E for DFAC meeting		5	0.04	0.2	Nodal			
	(e). O.E exclusively for BFAC meeting		6	0.025	0.15				

B.15	Farm School	25	6	0.29414	1.76484	Siaha	Thiahra	S&WC	Popularization of Agro-processing in Broom Plantation
						Tipa	Serkawr	AH & Vety	Care and management of Broiler
						Siaha	Amobyu	Agri	Integrated farming in Oil Palm plantation
						Saiha	Siahatla	AH & Vety	Popularize farm mechanization of Poultry farming
						Tipa	Tipa	Fisher y	Integrated fish farming
						Tipa	Theiri	S&WC	Improved packages of practices in cultivation of Coffee.
D.3	Farmer Friend	32	32	0.06	1.92				
F.	(a). Display Board		1	0.02	0.02				
	TOTAL				10.93 684				

3.3 District-wise performance (score) for various interventions:

The implementation of ATMA schemes in different districts are given score based on their performance as observed by the evaluation team. The score is based on the performance of the district level implementing agencies, performance and feedback of farmers. The results showed that the interventions carried out by the various departments are quite satisfactory.

Table: 4

District	Planning & Implementation	Timely released of funds & inputs	Providing Technical know-how/training	Monitoring field functionaries	Physical achievement	Financial achievement	Demonstration plot/ Farm school	Farmers training/ Exposure visit/ Farmers field days	Kisanmelas/ Exhibition	Overall performance
Aizawl	10	9	10	8	9	9	9	10		10
Champhai	10	10	9	9	10	10	9	9		9.5
Kolasib	9	9	10	9	10	8	9	9		9
Mamit	7	8	8	7	7	8	8	8		8
Lawngtlai	9	9	9	9	10	10	10	10		10
Lunglei	8	8	10	9	8	9	9	8		8
Serchhip	9	9	9	9	9	9	8	9		9
Siaha	8	7	8	7	8	8	9	9		8

**** 10 maximum to 0 minimum score

3.4 Man-power deployment in each district:

With the implementation of the ATMA scheme in Mizoram, the technical strength and man-power deployment varies in different district as per the number of RD block. The efficiency and outlook of technical staff intensity to motivate or drive the farmer for the success might also vary in each district. Similarly, the efficiency may also depend upon the strength of manpower deployed in each district in contrast to the insufficiency of staff. The manpower strength of ATMA, Mizoram in the present context are given below:

Table: 5 (a) Deployment of Man-power

District	DPD		BTM		ATM		Accountant cum Clerk		CP	
	Filled	Vacant	Filled	Vacant	Filled	Vacant	Filled	Vacant	Filled	Vacant
Aizawl	2	0	5	0	10	0	1	0	1	0
Champhai	2	0	3	1	8	0	1	0	1	0
Kolasib	2	0	2	0	4	0	1	0	1	0
Mamit	1	1	2	1	6	0	1	0	1	0
Lawngtlai	2	0	2	2	5	3	1	0	-	1
Lunglei	1	1	4	0	8	0	1	0	1	0
Serchhip	2	0	2	0	4	0	1	0	1	0
Siaha	2	0	1	1	4	0	1	0	1	0

Table 5 (b) Deployment of Man-power training in Human Resource Development

District	MANAGE, Hyderabad					EEI, Jorhat					SAMETI, Aizawl				
	DPD	BTM	ATM	CP	Acct. cum Clerk	DPD	BTM	ATM	CP	Acct. cum Clerk	DPD	BTM	ATM	CP	Acct. cum Clerk
Aizawl	0	0	0	0	0	1	0	0	0	0	4	10	3	0	0
Champhai	0	0	0	0	0	3	0	0	0	0	5	1	0	1	0
Kolasib	0	1	0	0	0	2	1	0	0	0	4	3	4	1	1
Mamit	0	0	0	0	0	1	2	0	0	0	3	6	2	0	0
Lawngtlai	0	0	0	0	0	1	1	1	0	0	2	1	1	0	0
Lunglei	0	0	0	0	0	0	2	0	0	0	2	4	2	0	0
Serchhip	1	0	0	0	0	1	2	0	1	0	6	4	4	1	0
Siaha	0	0	0	0	0	2	0	1	0	0	2	1	4	1	1

3.5 Feedback of Functionaries on Cafeteria Wise Distribution of Activities:

Feedback of ATMA Extension functionaries on the successes of implementing the schemes along with the constraints faced while conducting the scheme are studied based on verbal conversation. It was observed that some activities were conducted satisfactorily with a fruitful result whilst some activities need to be revised before implementation, for example, fund allocation for Organizing demonstration in agriculture sector might be reduced with a compensatory increased in allied sector etc.

3.5 (a) Feedback on Farmers Oriented Activities: include mobilization of farmer groups, women food security groups, training/ exposure visit of farmers, arranging demonstrations and setting up of farm school which all aimed at empowering farmers and improving their participation in technology dissemination process.

Table: 6

District	Farmers training	Exposure Visit	Demonstration		Farm School	FIGs/CIGs
			Agri.	Allied		
Aizawl	1	2	2	1	1	1
Champhai	2	1	1	1	2	2
Kolasib	1	1	2	1	1	1
Mamit	2	2	2	2	2	2
Lawngtlai	1	1	1	1	1	1
Lunglei	1	2	2	2	1	1
Serchhip	1	2	1	1	2	2
Siaha	2	2	2	1	2	2

**** 1 - Excellent 2 - Satisfactory
 3 - Good 4 - Acceptable
 5 - Unsatisfactory

3.5 (b) Feedback on Research Extension Farmers (R-E-F) and Information dissemination:

(R-E-F) linkages based activities include organization of Farmer-Scientist Interaction at local level, joint visits by scientist and extension personnel for which substantial financial provision has been made in the cafeteria, organization of Field-days and Kisan Goshties and support for local level researchable issues which emanate from SREP.

Table: 7

District	Farmer Scientist Interaction	Joint visit by scientist & extension personnel	Farmer field days
Aizawl	1	2	NIL
Champhai	1	1	NIL
Kolasib	1	2	NIL
Mamit	2	2	NIL
Lawngtlai	1	1	NIL
Lunglei	2	2	NIL
Serchhip	1	2	NIL
Siaha	1	3	NIL

**** 1 - Excellent 2 - Satisfactory
 3 - Good 4 - Acceptable
 5 - Unsatisfactory

3.5 (c) Feedback on farm information dissemination: it covers local level agricultural exhibitions, low cost publications, information dissemination through printed materials (leaflets), and development of technology packages in electronic form are covered.

Table: 8

District	Kisan-Melas/ Exhibition	Low cost publications	Farm information dissemination & leaflets
Aizawl	NIL	1	1
Champhai	NIL	1	1
Kolasib	NIL	1	1
Mamit	NIL	2	2
Lawngtlai	NIL	1	1
Lunglei	NIL	2	1
Serchhip	NIL	2	1
Siaha	NIL	2	1

****	1	-	Excellent	2	-	Satisfactory
	3	-	Good	4	-	Acceptable
	5	-	Unsatisfactory			

3.6 Farmers Feedback and impact on the implementation of ATMA scheme:

It was observed in the study that 100% of the farmers interviewed from Aizawl and Champhai District stated that the various ATMA are very helpful to them, while 90% of farmers in other 6 districts said that the scheme is helpful to some extent. 90% of the beneficiaries said that they received assistance in the right time / right cropping season except in Saiha District where 80% of the beneficiaries interviewed stated that they received the technical and financial assistance in the right time. All the beneficiaries said that the ATMA scheme have their technical skill and knowledge. 80% of the beneficiaries interviewed in Mamit and Saiha districts opined that the performance of the district nodal agencies is good in implementing the scheme and 20% of them opined that it is satisfactory. In all other districts 90% responded 'Good' while 10% responded 'Satisfactory' on the performance of the district nodal agencies.

Table: 9

Department	Usefulness of various ATMA activities		Whether received the assistance in the right time		Whether the technical skill/ knowledge increase after implementation of the scheme		Performance of the district nodal agencies	
	Very helpful	Helpful to some extent	Yes	No	Yes	No	Good	Satisfactory
Aizawl	100	-	90	10	100		90	10
Champhai	100	-	90	10	100		90	10
Kolasib	90	10	90	10	100		90	10
Mamit	90	10	90	10	100		90	10
Lawngtlai	90	10	90	10	100		90	10
Lunglei	90	10	90	10	100		90	10
Serchhip	90	10	90	10	100		90	10
Siaha	90	10	90	10	100		90	10

3.7 Feedback on convergence with allied Sector/Departmental & KVKs: This observation showed status of the convergence and cooperation of ATMA's with line department or sectors and KVKs in various district.

Table: 10

District	Dept. of Agriculture, GOM	Dept. of Horticulture	Dept. of AH & Veterinary, GOM	Dept. of Sericulture, GOM	Dept. of Fishery, GOM	KVK
Aizawl	1	3	2	2	2	1
Champhai	1	2	2	2	2	2
Kolasib	1	2	2	2	1	1
Mamit	1	3	2	2	2	1
Lawngtlai	1	2	2	1	2	1
Lunglei	1	3	2	1	2	3
Serchhip	1	2	2	1	2	2
Siaha	1	2	2	1	2	1

****	1	-	Excellent	2	-	Satisfactory
	3	-	Good	4	-	Acceptable
	5	-	Unsatisfactory			

4. SUMMARY

The performance of the state level institution *viz.* SAMETI and district nodal agencies are found to be satisfactory in implementing the scheme, although there is scope for improvement. The State Agricultural Management and Extension Training Institute (SAMETI) have been smoothly functioning at Aizawl, Mizoram. At the district level, GB, AMC, FIAC, BTT, FAC and FIGs were formed in all districts. Based on the present observation, the institutional and organizational establishment at different levels during 2016-2017 is quite satisfactory. The financial allocation and utilization for the scheme were also found satisfactory.

- (a) **State level activities:** SAMETI, Mizoram conducted training for middle level officers and extension functionaries based on the training needs on various topics with a fruitful result. The On-Campus trainings were conducted at Aizawl and Off-Campus programmes conducted at different districts.
- (b) **District level activities:** District level activities as per Cafeterias were conducted by ATMA functionaries in each respective district. The ATMA GBs, MCs, BTTs and BFACs meetings were held occasionally or while formulating Block Action Plan (BAPs)/ District Agriculture Action Plan (DAAPs). The BAP prepared in each block were compiled into DAAP with the approval of Chairman GB, ATMA for further submission into SREP. After receiving fund as per the proposed work plan, allocation was made in each block with the approval of Chairman GB, ATMA for fund utilization.
- (c) **Farmer Oriented Activities:** The ATMA extension functionaries of different levels imparted training courses outside the state and within the state of Mizoram. In addition to that farmers or end-users' need based training programme for skill upgradation and capacity building were organized. The ATMA districts have organized trainings for farmers, *viz.* inter-state training, trainings within state and trainings within district. Mobilization of farmers group including FIGs, CIGs etc. were set up in each district which was smoothly functioning at their level best. Skill upgradation and disseminations of technology were organized by utilizing/selecting progressive farmers within block, where the technologies were imparted and outsourcing through farm school.

- (d) Farm Information Dissemination:** As per fund allocation, low cost publication and information dissemination through printed materials (leaflets) were published in local language covering different sectors (Agriculture & allied) which were distributed to the farmers while conducting training, demonstration etc.
- (e) Research-Extension-Farmer (R-E-F):** Farmer linkages with technical expert personnel and scientist (usually from KVKs) and opened interaction programme were being organized at local level by conducting Farmers Scientist Interaction and Joint visit of farm.
- (f) Farmer's participation and feedback:** The farmers have participated in many activities such as District level exhibition, fruit/vegetables show etc. Various stakeholders attended orientation training in different districts; demonstrations have been conducted to show the improved techniques of different agricultural and allied activities. Training on winter vegetables at district level and block level has been conducted for farmers. Exposure visits at national and state level were also conducted for the farmers. Interactions with the farmers indicated that the ATMA programmes were quite beneficial to them and they suggested increasing the seed money and numbers to be increased as subsidized unit from the concerned departments. The farmers' training and demonstration in all the districts were found motivating.
- (g) Performance of Govt. functionaries:** It is observed that there has been improvement in the implementation of various activities by the state and district level nodal agencies although there are still rooms for improvement. A number of posts were filled up which have resulted in the smooth and effective implementation of the scheme. However, it was observed that there are shortages of manpower in some of the allied departments for the implementation of ATMA which causes delay in implementation of various activities and submission of achievement reports. A better coordination between the nodal department and the allied departments would help in a more effective implementation of the scheme.

- (h) Evaluation of demonstration plots:** The crop introduced under demonstration plots includes rice, potato, maize, coriander, tomato, groundnut, soybean and winter vegetables viz. cabbage, cauliflower etc. were mainly cultivated in the demonstration plot. The demonstration plots are found in good condition except in case of some ATMA blocks which were visited during the off-season.
- (i) Effectiveness of training, demonstration, exposure trip for capacity building:** It is observed that farmers training programme, technology demonstration, exposure visit (within and outside state) has positive impacts on the farmers. A number of farmers have been encouraged to switch over into new land use and cropping system.

5. DISCUSSION & RECOMMENDATIONS

On the basis of the present observation, the following recommendations are made to improve the implementation of the scheme:

- It is observed that there have been delays in the release of fund from the funding agency; and also transaction at State level, which hampers the smooth and effective implementation of the activities. It is therefore suggested that fund may be released at the earliest after approval of the work plan.
- The allocation of fund in organizing demonstration for Agriculture & Allied sector may be revised. Based on the feedback given by the field functionaries, the perspective for allied sector is more convenient and suitable. So, it is recommended to keep more stress on allied sectors.
- Mobilization of farmer groups of different types including FIGs, CIGs, Women groups etc. in a market oriented approach of farming is the need of the hour. For this, awareness, sensitization and motivation need to be promoted among the farmers.
- The extension functionaries may also plan to assure that aims and objectives of farmer group are strictly followed up with regular meetings. They should also sensitize the farmers on setting goals and proper planning.
- Majority of the districts have problems and issues regarding Joint visits of farmers by Scientists (KVK) and extension workers (as per guidelines' recommendations) due to: (a) Distant location of KVK center (b) Intra-district ATMA-KVK lack of convergence. Out of which, the second point could be solved easily within district manpower as it is compulsory to make a good relation and convergence for extension workers. In case of the first point, The ATMA functionaries may coordinate and may assign the experts from line departments.
- The fund split of Cafeterias as per ATMA guidelines **B.11** (a) Designate expert support from KVK/SAU at District Level and **B.13** Assessment, Refinement, Validation & adoption of Frontline technologies and other short term researchable issues through KVKs and other local Research Center, may be revised since there is no proper collaborative work plan by KVKs based on this guideline. So, it is suggested to (a) prepare collaborative KVK-ATMA annual work plan to be laid and approved by the GB, ATMA (b) release fund as per need basis and role played in support to the ATMA

activities, since honorarium is always awarded in cash from ATMA, PD-Nodal in respect to the part played for resource person in ATMA activities.

- The concept and guide of Farm School given in ATMA guidelines may be strictly followed, as its main objectives is to learn and disseminate technology and skills by utilizing progressive farmers. The functionaries are suggested to have a clear concept that it is not a task to be completed at once, instead should be revitalized frequently.
- It is suggested to take up more activities on capacity building and skill up-gradation of extension workers. Emphasize should also be given on end-user technologies on various trades. Farmers may be trained on post-harvesting technology for various farm products.
- More attention should be paid on developing market infrastructure at village level, block level and state level.

The implementation of the ATMA scheme in Mizoram during the year 2016 – 2017 is observed to be satisfactory. The performances of the state level and district level agencies as well as that of the non-governmental functionaries are satisfactory.

The implementations of the ATMA scheme have positive impacts on the agriculture system and crop production. With the implementation of this scheme, a number of farmers were found to practice better farming technology and many of them have abandoned their traditional jhumming practices. It is appreciated that documentary films on the various activities under ATMA were broadcasted through printed and electronic media in Mizoram, and it is suggested that this may be continued in order to educate and motivate the farming communities of Mizoram as a whole.

However, it may be added that ATMA activities, at the present scale, are not adequate to change the whole scenario of farming practice in Mizoram, particularly, in the remote villages. Thus, the ATMA scheme may be extended so that more farmers in remote villages may be covered under the scheme.

6. GLIMPSES OF ATMA



Block Farmer Advisory Committee, ATMA



District Farmer Advisory Committee, ATMA



Training on Skill Development for Rural Youth (STRY)



Training of Farmer within District



Demonstration





Exposure Visit of Farmers



Display Board



Farm School



Farmer Scientist Interaction



Mobilization of Farmer Groups