



सत्यमेव जयते

Bi-Annual State Extension Work Plan 2009-10 & 2010-11



Government of Nagaland
State Nodal Office
Department of Agriculture
Nagaland : Kohima.

Bi-Annual

State Extension Work Plan

2009-10 & 2010-11

Government of Nagaland
State Nodal Office
Department of Agriculture
Nagaland : Kohima.

AGRICULTURE: BASIC FACTS

1. Population Census (2001)

1. Total Population	19,88,636
2. Rural Population	16,35,815
3. Total Farming Household	1,49,171

2. Total Geographical Area

1. Total Cultivable Area	16,579 Sq Km.
2. Gross Cropped Area	7,21,924 ha
3. Double Cropped Area	3,85,060 ha
4. Net Cropped Area	84,500 ha
5. Gross Irrigated Area	3,00,560 ha
6. Net Irrigated Area	82,150 ha
7. Total Food Grain Production (2008-09)	75,800 ha
8. Oilseeds Production (2008-09)	5,15,300 MT (Anticipated)
9. Commercial Crop Production (2008-09)	75,860 MT (Anticipated)
	4,24,510 MT (Anticipated)

ADMINISTRATIVE SET - UP

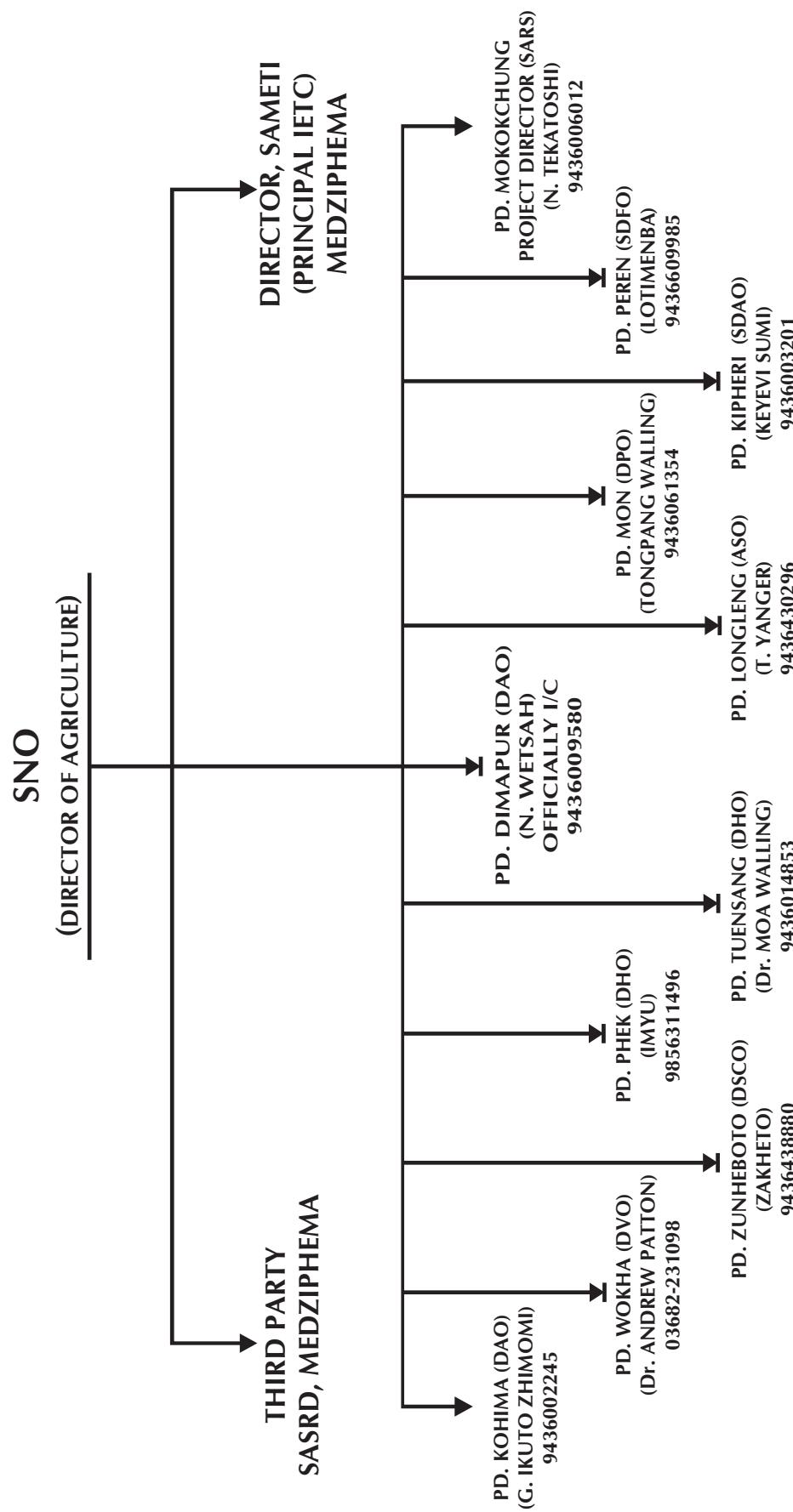
The Department is headed by a Cabinet Minister in the Ministerial level and Commissioner & Secretary, Addl. Secretary, Deputy Secretary and Under Secretary in the Administrative level and a Director in the executive level.

STATUS OF MAN POWER

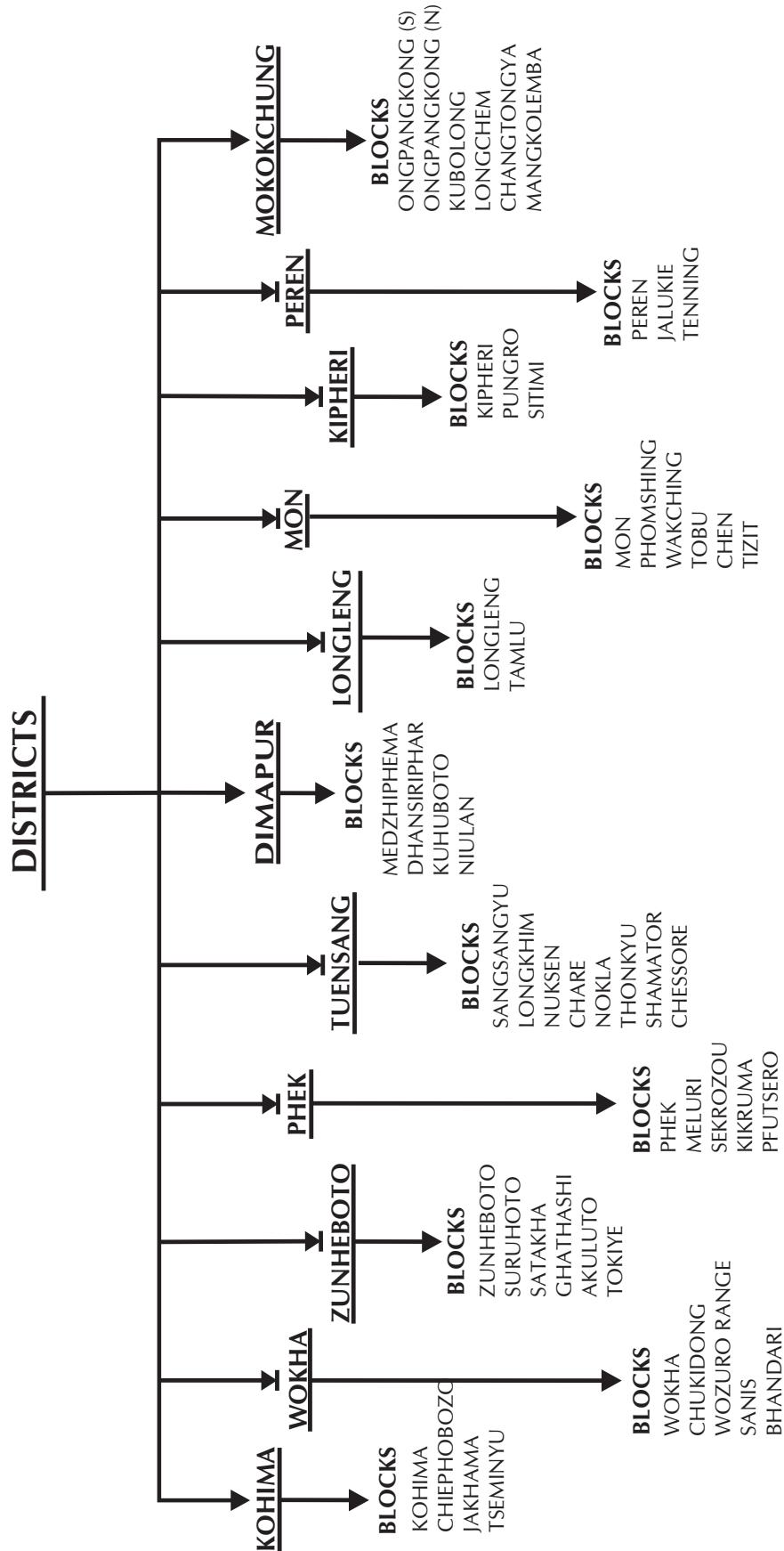
<u>GRADE</u>	<u>MAN POWER IN AGRICULTURE</u>
1. Special Grade	1
2. Higher Selection Grade	1
3. Selection Grade	8
4. Senior Grade	26
5. Class - I Junior	75
6. Class - II	13
7. Technical	706
8. Ministerial	211
9. Grade - IV	365
TOTAL:	1406

Source: Annual Administrative Report 2008-09

NAGALAND ATMA ORGANISATIONAL SETUP



BLOCK IN NAGALAND ATMA ORGANISATIONAL SETUP



BI-ANNUAL STATE EXTENSION WORK PLAN (SEWP)

PLAN PERIOD 2009-11

**State Nodal Office
Government Of Nagaland.**

INTRODUCTION

The New Extension Reforms was initially taken up in three districts namely Mokokchung, Dimapur and Kohima and notified as ATMA districts in 2005-06. The new programme was implemented in a convergence manner by Agriculture as State Nodal Agency and line departments viz; Horticulture, Sericulture, Fisheries, Soil & S.C, Vet. & A.H and Land Resources.

Remaining 08 districts namely Mon, Tuensang, Wokha, Zunheboto, Phek, Kipheri, Longleng and Peren were subsequently notified as new ATMA districts during 2007-08 and become operational from 2008-09.

Significant impact of the extension programmes and notable changes in the working system in the manner of coordinated approach has been brought about in the last four years of implementation in old ATMA. This can be attributed to the fact that the BAP and DAP are being formulated through "bottom up approach" taking into consideration the block and district requirements through participation of all the stakeholders.

However, the Agri & Allied Departments still need to devote in a mission mode in order to allow the farmers to realize the objective of the programme and to fully utilize the component of activities for their benefit.

2. STATUS OF EXTENSION REFORMS IN 08 NEW DISTRICTS

Monthly Progress Report of the Project Directors of the New 8 (eight) ATMA districts are quite satisfactory that have positive indication of the new programme being appreciated by the farming communities.

However, short term and day long courses/trainings on ATMA & SREP are still required to be organized at suitable locations for the farmers and Agri & Allied officers at blocks, districts and State levels in order to orient the new district stakeholders to the Cafeteria of activities and the guidelines.

During 2008-09, orientations, demonstrations, field days, exposure trips and study tours of officers/functionaries within districts, interstate visits, within district exposures were prioritized and conducted. A three days state level Exhibition was organized at Kohima besides District Melas at Mon, Tuensang, Mokokchung and Dimapur respectively to coincide with the Republic Day 2009.

3. PROCESS FOLLOWED FOR PREPARATION OF SEWP

Biannual District Action Plan (DAP) were developed by PD, ATMA from the BAP's. The Plans were studied, edited and finalized by the SAMETI & SNO to develop bi-annual action plan 2009-11 taking into consideration the tentative allocation made by GOI, Ministry of Agriculture, Directorate of Extension for Nagaland for 2009-10.

The finalized SEWP 2009-10 printed and forwarded to Chairman, IDWG for approval and further submission to Government of India ,Ministry of Agriculture, Directorate of Extension.

4. CONSTRAINT

- Appointed PD, ATMA, Chairman GB, AMC, BTT conveners & members from Agri & Allied departments are frequently transferred out from the districts and new members require orientations which hamper ATMA activities.
- PD, ATMA /GB/AMC/BTT's are all part time workers, each official requires to implement departments' project first, which is another constraint to execute District Level Activities in time.
- Transportation and mobility to blocks and village areas are time consuming and expensive due to the poor infrastructure.
- Co-ordination weak at bureaucratic level and without firm directives the districts are affected.
- Frequent transferring PD, ATMA and Chairman of GB and also the Conveners & members of AMC and BTT creates some inconveniences in the districts, which hampers ATMA activities besides, new members require orientations and familiarization of the system.

In spite of the above constraints, I am quite pleased with all the district heads of Vet & A. Husbandry, Horticulture, Sericulture, Fisheries, Land Resources and Soil & W.C departments for their sincere effort to achieve and implement the ATMA programmes without fail. Finally, I would like to record my appreciation to Shri. T.V. Holo, Joint Director of Agriculture and Dr. (Mrs.) I. Amenla, Lady Training Officer for their excellent job of compilation.



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**BI-ANNUAL
STATE EXTENSION WORK PLAN
(SEWP)**

PLAN PERIOD 2009-10

**DISTRICT: KOHIMA ATMA
PROPOSED DISTRICT ACTION PLAN, STRATEGY, THRUST AREA AND ACTIVITY FOR EXTENSION 2009-10**

Name of the enterprise	Strategies proposed for extension	Extension			Relevance to the AES	
		1	2	3	4	AES-I
1. Agriculture: 1. TRC/ WTRC Paddy (Irrigated)	To increase production and productivity of paddy	- Promotion of Paddy HYV for altitude above 1000 MSL - Introduction of disease, pest resistant variety - Water management	- Procurement of good quality HYV seeds - Trials and demonstration - Farmers training on package of practices	- Procurement of good quality HYV seeds - Trials and demonstration - Farmers training on package of practices	- Farmers training - Research trials & demonstration	5 Y Y
2. Paddy (Rainfed) Jhum Paddy	Productivity improvement by intensification	- Promotion of HY local varieties	-	-	-	6 Y Y
3. Maize	To enhance the production and productivity of maize	- Weed management - Promotion of HYV maize - IPM concept	- Farmers field school - Application of FYM/ Compost pit - Trials & demonstration	- Farmers field school - Application of FYM/ Compost pit - Trials & demonstration	-	Y Y Y
4. Potato	1. Productivity improvement. Extension technology package 2. To reduce post harvest losses	- Segregation of varieties in use - Curing of potatoes	- Research identification - Training and demonstration - Exposure visit	- Research identification - Training and demonstration - Exposure visit	-	Y Y Y
5. Other agricultural crops: a) Pulses & Oilseeds	Improvement of pulses production in the district.	- To promote organic production - To promote IPM/NM - To promote inter cropping - To promote Bio-fertilizers and Bio-pesticides	- Farmers trainings - Procurement from registered seed company - Adoption of Bio-agents - Trials & demonstration	- Farmers trainings - Procurement from registered seed company - Adoption of Bio-agents - Trials & demonstration	Y Y Y	Y Y Y
6. Organic farming	To promote organic farming for a selected crops	- Undertaking organic production for sticky rice, Brown rice - Organic farming for pulses - Organic certification and adoption of ICS etc.	- Farmers trainings - Identification of areas - Identification of FIC's/ Farmers - Demonstration and Trials, farm establishment	- Farmers trainings - Identification of areas - Identification of FIC's/ Farmers - Demonstration and Trials, farm establishment	Y Y Y	Y Y Y

2. Horticulture: 1) Passion fruit	Productivity improvement by overcoming technology gap	- Promotion of HYV's - Promotion of IPM/ INM - Use of tralling system - Use of Vermi compost - Post harvest technology - Value addition - Market linkages - Promotion of organic production - Market survey	- Farmers training - Input support - Market support - Trials and demonstration - Processings - Market linkages	Y Y Y Y Y Y Y Y Y
2. Banana	1. To increase the productivity 2. To reduce post harvest loses	- More plant density and correct planting methods - De-suckering - Harvesting at correct stage - Proper loading and transporting	- Demonstration - Training - Exposure visit	Y Y Y Y
3) Vegetables (Cabbage, Tomato, Pea, Radish, Carrot, Turnip, Brinjal, Chilly etc)	To increase production by adopting modern technology	- Promotion of HYV's - Promotion of IPM/INM - Promotion of Vermi compost - Promotion of organic vegetable production - Use of Bio-fertilizers - Use of Micro-nutrients - Promotion of post harvest technology - Cold storage	- Farmers' trainings - Input support - Trials and demonstration - Market linkages support - Release of Bio-agents - Exposure trips	Y Y Y Y Y Y Y Y Y
3. Soil & Water Conservation a) Natural resource development b) Soil test	1. Management of Soil Erosion in shifting cultivation 2. Conservation activities viewed as an additional burden 3. Increasing the knowledge of technical know-how Testing of NPK & micro nutrients	- Awareness in soil conservation method - Improved soil conservation measures - Promotion of cover crops for soil conservation - Promotion of composting of soil fertility replenishment - Promotion of hedge crops - Fallow land management - Soil fertility status - Soil map of villages for farmers guide - Fertilizer recommendation	- Education campaign by way of interaction, distribution of printed literatures, exposure trips - Motivation through Ghostis - Extensive workshop and field demonstration - Farmers training at project level - Awareness/ Trainings/ Exposure trips - Soil sample collection & analysis - Mapping - Documentation	Y Y Y Y Y Y Y Y Y

6. Fishery	1. To increase productivity of fish 2. Expansion of composite pisciculture in the available water bodies 3. Paddy cum fish culture-a popular fish Production of the district	- Renovation of available tanks in the village - Renovation of ponds in the fields - Brooder fish production in irrigated fields. - Technology for fish seed production - Brooder fish management - Water management	- Farmers training at village & Block level & demonstration - Pond renovation - Fingerling support - Identification of FIC/Rural youth groups for fish seed production - Awareness & Exposure trips	Y Y Y Y Y Y	
7. Veterinary & Animal Husbandry	a) Cow b) Pig c) Poultry	a) To increase milk production. Health care for Farm animals b) To increase productivity c) For increased production of chicken	- Breed up gradation through A.I - Improving feed and fodder management - Improve knowledge about animal health and hygiene - Improving general management practices - Breed up gradation by cross breed - Improving fodder & feed management - Improving health care - Encouraging commercial poultry farming - Encouraging commercial poultry farming	- Training of farmers at village level - Procure vaccines of demand - Health care camps & introduce A.I. - Exposure trips - Trainings & Demonstrations - Health care camps - Exposure visits - Farmers trainings & demonstration - Awareness	Y Y Y Y Y Y
8. Marketing	1. Setting up the regulated market through the APMC 2. Setting up of information centres 3. Encourage the APMC for transport facility 4. Increasing profitability by decreasing the percentage of post harvest losses	- To eliminate middlemen and provide competitive price to the farmers produce - Information about prices - To reduce post harvest losses and increase shelf life - Harvesting/ handling/ grading and packaging skills	- Formation of CIGs/ FIGs - Awareness about information kiosks/ centres among farmers. - Promotion of village youth to start information kiosks. - Awareness campaign - Demonstration in method & result Exposure trips to sabji mandi & regulated markets	Y Y Y Y Y Y	
9. Promotion of FOs and CIGs	Procurement of inputs, sale of produce and to increase production and income of farmers	- Formation of FICs to assemble and dispose the crops/ commodities	- Awareness campaign - Motivation - Training for maintaining records and to form federations	Y Y Y Y	

DISTRICT: MOKOKCHUNG ATMA

TABLE -2.A.

NUMBER OF BLOCKS= 6(SIX)

PROPOSED BLOCKWISE DISTRICT ACTION PLAN, STRATEGY, THRUST AREA AND ACTIVITY FOR EXTENSION 2009-10

Sl No	Enterprise	Thrust Area	Activity	Unit (Training in mandays; Demonstration in no) * Block Level					Total
				Ctn	Kblg	Lgcm	Mba	Ongp (North)	
1	2	3	4	5	6	7	8	9	10
1. AGRICULTURE									11
1	Jhum Paddy	- Promotion of HYV - Production of quality seeds - Adoption of improved technology - Adoption of IPM & INM - Adoption of soil conservation methods	Training Demonstration	50 5	50 4	25 2	25 4	150 6	- -
2	TRC Paddy	- Promotion of HYV - Adoption of improved technology - Adoption of IPM & INM - Farm mechanization - Water management	Training Demonstration	100 8	- -	25 2	50 8	75 6	300 31
3	Maize	- Promotion of HYV - Adoption of improved technology - Adoption of IPM & INM	Training Demonstration	25 4	- -	25 4	- -	25 2	50 5
4	Pulses	- Adoption of improved technology - Adoption of IPM - Adoption of INM	Training Demonstration	25 4	25 2	50 2	25 2	75 -	175 -
5	Oilseeds	- Promotion of HYV - Adoption of IPM & INM	Training Demonstration	50 5	25 2	50 2	25 4	75 2	200 15
6	Tapioca	- Promotion of HYV - Adoption of improved technology - Adoption of IPM & INM - Post harvest management	Training Demonstration	25 4	25 4	25 4	25 2	75 5	200 23
7	Potato	- Promotion of HYV - Adoption of improved technology - Adoption of IPM & INM	Training Demonstration	50 5	50 4	25 5	25 4	75 2	225 22

8	Ginger	- Adoption of improved technology - Post harvest technology	Training Demonstration	- 2	25 2	25 4	50 1	25 75	- 75	- -	125 9
9	Tea	- Promotion of HYV - Adoption of improved technology - Adoption of IPM & INM	Training Demonstration	50 6	- -	50 2	25 4	75 3	- -	- -	200 15
2. HORTICULTURE											
1	Passion fruit	- Proper seed selection and planting - Package of practices - Organic cultivation	Training Demonstration	- 4	25 2	25 -	- -	- -	- -	50 5	100 11
2	Banana	- Proper sucker selection and treatment - Maintain plant density per unit area. - Proper cultural practices - Post harvest management - Adoption of IPM & INM methods	Training Demonstration	125 8	25 2	25 2	25 2	25 7	50 7	275 23	
3	Pineapple	- Correct planting techniques - Adoption of proper package of practices - Adoption of IPM including rodents - Adoption of INM practices - Post harvest management	Training Demonstration	25 5	25 2	50 4	25 2	- -	- -	- -	125 13
4	Orange	- Different types of nursery raising & management - Use of good planting material - Proper cultural practices - Promotion of IPM	Training Demonstration	50 4	25 2	25 2	50 2	50 4	- -	- -	175 14
7	Litchi /Mango/ Jackfruit	- Popularize different methods of propagation - Package of practices - Post harvest management	Training Demonstration	- -	25 2	25 2	- -	25 1	- -	- -	75 5
8	* Areca nut Betel vine	- Adoption of high I pact production technology - Adoption of IPM	Training Demonstration	- -	25 1	25 1	- -	25 -	- -	- -	50 2
9	Chilli	- Proper package of practices - Post harvest management	Training Demonstration	- -	25 2	25 -	- -	50 2	25 2	25 3	100 7
10	* Cole & leafy vegetables	- Adoption of improved package of practices - Importance of compact farming	Training Demonstration	50 10	50 2	50 2	25 4	25 1	25 1	25 1	250 20

11	* Rubber	- Adoption of improved package of practices - Post harvest technology	Training Demonstration	- -	25 -	- -	- -	- -	25
12	Floriculture	- Proper package of practices - Post harvest management	Training Demonstration	25 2	- -	- -	25 2	25 2	75 6

3. VETY & ANIMAL HUSBANDRY

1	Cattle	Breed up gradation through AI - Improving feed & fodder management - Improving health care - Improving general management	Training Demonstration	25 7	50 6	25 2	- -	125 5	25 3
2	Piggery	Improving feed & fodder management - Improving health care & management Breed up gradation through graded boar Identifying of suitable breeds of up gradation of non-descriptive local strain	Training Demonstration	25 50	25 50	25 4	- -	25 3	200 3
3	Poultry	Improving feed management - Improving health care Improving backyard poultry farming - Commercial farming Identifying virus strains	Training Demonstration	25 50	25 50	25 4	- -	50 4	200 20
4	Goatery	Breed up gradation Emphasis on importance of goat rearing Identification of suitable breeds.	Training Demonstration	- -	25 4	- -	- -	- -	25 4

4. LAND RESOURCES

1	Patchouli , Lemongrass & iatropha*	Introduction of pest/disease resistant varieties - Weed management - Adoption of IPM - Irrigation management - Post harvest management	Training Demonstration	50 6	- -	25 2	25 3	- -	50 7
2	Indigenous medicinal plants	- Identification & documentation - Establishment of forum for practitioner of local MAP - Encourage cultivation of economically viable local varieties	Training Demonstration	- -	25 2	- 2	25 2	100 -	175 11

5. SERICULTURE		
2	Sericulture	- Promotion of sericulture enterprise - Development of good seeds production centre - Awareness on the prospects and potential of sericulture
		Demonstration 5 2 2 4 2 3 18
6. SOIL & WATER CONSERVATION		
1	Natural resource management	- Low cost technology on erosion control and water harvesting structure. - Land development in rolling & undulating terrain - Soil reclamation. - Cover crop - Water harvesting
2	Vermicompost	- Use of efficient species of worm - Proper preparation & management of composting
7. FISHERY		
1	Fishery	- Improving general management - Hatchery management and breeding - Preparation and management of ponds - Generating awareness on technology of producing quality commercial fish seeds - Awareness
2	Others	- Encourage riverine fish farming - Adoption of carp culture
8. OTHERS		
1	Apiculture	- adoption of improved technology & post harvest management
		Demonstration 2 1 1 1 - 2 - 2 - 4

*{Ctn = Changtongya; Klbg = Kobulong ; Lgcm = Longchem; Mba = Mangkolemba; Ongp (North) =Ongpangkong (North); Ongp (South) = Ongpangkong (South)}

DISTRICT: DIMAPUR ATMA

TABLE 3.A

NUMBER OF BLOCKS = 04 (FOUR)

Sl. No	Strategies proposed	Thrust Area for extension	Short term research need	Activities proposed		Number of units		Amount (Rs. in Lakhs)	
				Extension Research		2009- 10			
				Extension	Research	2009- 10	02		
1.	AGRICULTURE a) Productivity improvement by intensification & technology adoption in Paddy	- Promotion of HYV - Adoption of IPM & INM methods - Promotion of irrigation facility - Farm mechanization - Use of <i>Azotobacter</i> / <i>Azospirillum</i>	- Post harvest technology - Varietal selection - Training/ Demonstration Through FFS - Training/ - Shallow tube well - Exposure trips - Use of power tillers	- Awareness campaign for more usage of HYV - Training/ Demonstration Through FFS - Training/ - Shallow tube well - Exposure trips - Use of power tillers	On field trials	10	02	2.00	
	b) To enhance production & productivity of maize	- Intercropping -Seed treatment -Pest/disease management -Adoption of improved technology	FLD & trials	-Creating awareness -Organize demonstration -farmers training programme -Exposure trips	FLD & trials	05	01	1.00	
	c).To promote Mustard cultivation	- Promotion of HYV Mustard - Adoption of IPM/ INM	On farm trials	- Awareness campaign & exposure trips - Demonstrations	- Farm trials practices through FFS	06	01	1.6	

2.	HORTICULTURE a) To promote pineapple production	1.To increase the productivity 2. To reduce post-harvest losses	-Ideal time of planting & harvesting Developing local packaging materials	- Correct planting methods and system - Timely desuckering - Harvesting at correct stage with stalk along with the fruit.	Ideal time of planting & harvesting Value addition	04	01	1.20
b).Banana	1. To increase the productivity 2. To reduce post-harvest losses	More plant density & correct planting methods Harvesting at correct stage	- Demonstration and farmers training - Desuckering - IPM & INM practice - exposure trip	Processing & value addition	06	02	2.60	
c)Promotion of Vegetable cultivation	1. To increase the productivity 2. To reduce post-harvest losses	- Harvesting stage for market - proper sorting, grading & packaging	- timely sowing/planting - Biological control of insects and pest - Vermi composting - INM practice - Training - Demonstration - Exposure visit	On farm trials & selection of suitable varieties for recommendation	06	03	3.00	
3	LAND RESOURCES To promote Medicinal & Aromatic Plants	Establishing a forum for local medicinal plants practitioners Encourage cultivation of economically viable local varieties	Identify high yielder & GAP for local situation.	Farmers training on package of practices Farm Demonstration Exposure Trips Facilitating market linkages for farmers	Identify high yielder & GAP for local situation	04	01	1.60

4	SOIL AND WATER CONSERVATION. a) To promote Natural Resources Development	-Management of soil erosion -Water harvesting structure. -in-situ top soil cultivation.	Develop soil conservation methods using local techniques	- Awareness campaign, motivational workshops, trainings	Low cost indigenous conservation techniques	03	01	1.80
	b) Soil test	Encourage farmers to soil sampling	Develop soil map, Fertilizer recommendation.	Sample collection methods & soil kit use Training & demonstration	Develop soil map, Fertilizer recommendation.	02	01	0.80
5	FISHERIES a).Intensification of fish production	Paddy cum fish culture. Expansion of composite pisciculture. Promote disease free fingerling production	Technology for fish seed production management.	Farmers training & demonstration. Health care management	Technology for fish seed production & management.	02	01	0.80
	b) Introduction of prawn culture & production technology	Farmers training & demonstration	Transfer of technology	Awareness campaigns Demonstration Training Exposure visit	Transfer of technology	03	-	1.20
6.	SERICULTURE	Introduction of correct methods of planting host Plants Introducing High yielding variety for Silk worm.	Selection of high yielder.	- Training - Demonstration - Exposure visit to advance area (Assam/W.Bengal). - Awareness programme	Selection of high yielder. Developing technologies for local conditions	03	01	1.00

7	VET. & A.H a).Production of milk and meat	To increase meat productivity in cow, poultry & pig.	Selection of breeds for meat production. Developing technology for local conditions	- Health care and management. - Breed upgradation through AI - Demonstration - Training - Exposure visit	Selection of breeds for meat production. Developing technology for local conditions	04 02	01 1.80
	Promotion of Poultry farming	To increase egg production To increase meat production	Selection of breeds for meat & egg production. Developing technology for local conditions	- Encourage improvement of backyard poultry with Kuroiler etc. - Encouraging commercial poultry farming - Improving Feed management - Improving General management practices	Selection of breeds for meat & egg production. Developing technology for local conditions	04 02	2.00

Total = Rs 22.40 lakh
(Rupees twenty two lakh fourty thousand only)

DISTRICT: MON ATMA

TABLE 4.A**NUMBER OF BLOCKS = 06 (SIX)****DISTRICT ACTION PLAN FOR STRATEGIES/THRUST AREAS FOR EXTENSION, RESEARCH 2009-10**

Sl. No	Strategies proposed	Thrust Area for extension	Short term research need	Activities proposed Extension Research	Number of units		Amount (Rs. In Lakhs)
					Extensi on n	Researc h h	
					2009- 10	2009- 10	
1.	AGRICULTURE a)Productivity improvement by intensification & technology adoption under rainfed situation/ Jhum farming	Promotion of improved local varieties	-Identification of good quality seeds. -Promotion of indigenous technologies	Farmers training Awareness campaign Exposure tour	On field trials	04	01
	b)To increase productivity & production of WTRC(wet terrace Rice Cultivation)	-Promotion of HYV for higher altitude. -Adoption of IPM/INM water management	-GAP for improving production.	Demonstration Training	Trials	02	01
	c)To enhance production & productivity of maize	-Promote HYV -Intercropping	-Introduce good quality & location specific varieties	FFS/demonstra tion & Exposure visits	FLD & trials	02	01
2.	HORTICULTURE a)To promote vegetable cultivation	To increase production by adoption of good package of practices	To identify suitable & good quality seeds	Training, Exposure trips & Exhibition	-To identify high yielding/good quality seeds	03	1.20

b)To promote passion fruit cultivation	Productivity improvement by overcoming technology gap	Processing & value addition	Demonstration, farmers training & exposure trip	Processing & value addition	02	01	0.60
LAND RESOURCES To promote Medicinal & Aromatic Plants	Promotion of MAP	-Identify high yielder & GAP for local situation.	- Training & demonstration - Exposure trip	Identify high yielder & GAP for local situation	03	01	1.20
SOIL AND WATER CONSERVATION. a)To promote Natural Resources Development	Management of soil erosion in shifting cultivation -Water harvesting structure. -in-situ top soil cultivation.	Develop soil conservation methods using local techniques	Awareness campaign, motivational workshops, trainings	-Low cost indigenous conservation techniques	02	01	0.80
b)Soil test	Promote soil sampling methods	Develop soil map, Fertilizer recommendation.	Sample collection methods, Mapping, Documentation.	Develop soil map, Fertilizer recommendation.	01	01	0.60
FISHERIES Intensification of fish production	Paddy cum fish culture. Expansion of composite pisciculture. Promote disease free fingerling production	Technology for fish seed production and management. Brooder fish pond management & technology for fish seed production	Farmers training & demonstration. Health care management	Technology for fish seed production & management. Brooder fish pond management. Technology for fish seed production	02	01	0.80

6	SERICULTURE To increase silk production	To promote production of quality & quantity of cocoons. Control of diseases, pest on plant & silkworms.	Selection of high yielder. Developing technologies for local conditions	Farmers training & demonstration . Awareness programme. Health care and management	Selection of high yielder. Developing technologies for local conditions	03 01	01 0.80	
7	VET. & A.H Production of milk and meat	To increase meat productivity in cow, poultry & pig. To increase egg production	Selection of good breed for meat & egg production. Developing technology for local conditions	Health care and management. Breed upgradation through AI	Selection of good breed for meat & egg production. Developing technology for local conditions	02 01	01 0.80	
Total = Rs 10.00 lakh (Rupees Ten lakh only)								

DISTRICT: PHEK ATMA**TABLE 5.A****NUMBER OF BLOCKS = 05 (FIVE)****DISTRICT ACTION PLAN FOR STRATEGIES THRUST AREAS FOR EXTENSION, RESEARCH 2009-10:**

Sl. No	Strategies proposed	Thrust area for Extension	Short term Research need	Activities proposed		Number of units Extension	Number of units Research	Amount (Rs. In lakhs)
				Extension	Research			
1.	1.AGRICULTURE 1.Paddy To increase Production & Productivity of paddy	-Promotion of HYV & Hybrid -Adoption of IPM /INN/seed treatment Farm Mechanization	-Short duration, & resistance varieties	-Awareness campaign -Training -Exposure tours -Exhibition Bio-fertilizers	Location specific trails, demonstration	03	3	1.20
2.	2.Maize To increase & productivity of Maize and value addition	-Promote HYV & Hybrid Maize -PHM	-Introduce good quality and suitable varieties -To study cost-benefit ratio for higher economic return	-Training & capacity building	FLD Trials & demonstration	03	03	1.20
2.	2.HORTICULTURE Vegetables (Cabbage, tomato, pea, Raddish, carrot, turnip, brinjal, chilli, cucumber, Bhindi & exotic crop)	-To increase production by adoption of good package of practices	-To identify suitable and good quality seeds for organic production & lowland areas.	Training, exposure visits, exhibition & melas	-To identify suitable and good quality seeds for organic production & lowland areas.	03	03	1.20

3.	3.SOIL & WATER CONSERVATION Natural Resource Development	-Management of soil fertility in-situ top soil conservation, -FYM and production of organic manure (vermi-compost)	- Soil fertility test - Harnessing water resources	Awareness campaign, exposure trips, workshops, trainings documentation	-Soil fertility test -Low cost indigenous conservation	03	03	1.20
4.	4.SERICULTURE Mulberry/Eri silk worm-Increase in production of quality leaves -Control of insect pest in plants and silkworms	Create awareness quality leaves and cocoon	-Develop technologies for local conditions for increasing production and quality cocoons -Introduce good agronomic practices and quality culturing	-Promote use of Motorized spinning machine and shuttle loom Training & exposure visits	-Suitable varieties of mulberry and other plants	03	03	1.20
5.	5.LAND RESOURCE 1.patchouli, geranium, &lemon grass Increase production, productivity	Create awareness on patchouli, geranium & lemon grass cultivation	Identification & documentation and development of suitable P& P/technology	T/D/exposure tours	Identification & documentation and development of suitable P& P/technology	03	03	1.20
	2.Indigenous Medicinal Plant-Preservation & promotion of indigenous plant varieties	-Awareness campaign	-Identify high value low volume medicinal plants for commercialization -Documentation	Training & demonstration Exposure visits	-Identify high value low volume medicinal plants for commercialization	03	03	1.20

6.	6.FISHERIES 1.Fish -To increase productivity of fish To overcome oxygen depletion in pond water	Create awareness on fish production & management	Technology for fish seed production and management	Manuring of ponds Feeding rate & schedule	Develop local Technology for fish seed production and management	03	03	03	1.20	
7.	7.VETINERARY & ANIMAL HUSBANDRY 1.Cow & Buffalo-To increase milk meat production	Create awareness on Management Feed and fodder Vaccination	-Breed up gradation -Quality feed development	-Develop awareness on management aspects and health care -Promote hygienic production process	-Training of farmers -Vaccine & Animal health Introduction of AI	03	03	03	1.20	
	2.Pig-To increase production	Create awareness on meat production Breed type Vaccination schedule	Develop management aspects and health care	-Breed upgradation by cross breeding -Improving feeds & fodder -Improving Health care	-Training of farmers -Vaccine & Animal health	03	03	03	1.20	Rs12.00 lakh

(Rupees twelve lakh only)

TABLE 6.A

NUMBER OF BLOCKS = 08 (EIGHT)

DISTRICT ACTION PLAN FOR STRATEGIES, THRUST AREAS FOR EXTENSION, & RESEARCH (PLAN PERIOD: 2009-10)

Sl. No	Strategies proposed	Thrust Area for extension	Short term research need	Activities proposed	Number of units	Amount (Rs. In Lakhs)
				Extension	Research	Extension
1.	AGRICULTURE					
	To increase Production & Productivity of Paddy	Promotion of HYV seeds	Location specific trials on HYV	Demonstration	On Farm Trials	Block level = 08
		Adoption of Improved technology	Development of Suitable Agro Technique	Training	FLD	Dist Level = 01 Village level = 08
		Control of pest and diseases through IPM	-	Demonstration	-	Block level = 08
				Training		Dist Level = 01 Village level = 08
				Linkage to input-suppliers		Dist Level = 01
		Adoption of INM for production technologies		Training		Dist Level = 01 Village level = 08
				Linkage to input-suppliers		Dist Level = 01
		Refinement of Local storage systems		Training		Dist Level = 01 Village level = 08
		Promotion of Hybrid Maize	Location specific varieties trials	Training	FLD	Dist Level = 01 Village level = 08
	To increase productivity & production of Maize	Adoption of improved cultivation practices		Training		Dist Level = 01 Village level = 08
		Organic farming &IPM		Training		Dist Level = 01 Village level = 08

To promote organic Kholar (French Bean)	Awareness on organic management practices.	Varietal selection from local germplasm	Training	FLD	Dist Level = 01 Village level = 08	08	0.92
	Post Harvest management		Training		Village level = 08		0.08
To enhance the production and productivity of Colocasia	Adoption of improved cultivation practices		Demonstration		Block level = 08		0.92
			Training		Dist Level = 01 Village level = 08		
To increase the production and productivity of Soyabean	Adoption of recommended package of practices	Optimum sowing time	Training	FLD	Dist Level = 01 Village level = 08	08	0.92
	Adoption of IPM & INM		Training		Dist Level = 01 Village level = 08		0.84
HORTICULTURE	Location specific varietal trials	Training	FLD	Dist Level = 01 Village level = 08	08	0.92	
To promote vegetable cultivation with special reference to Potato, Cabbage, Chilli & Tomato	To impart improved cultivation techniques		Training		Dist Level = 01 Village level = 08		0.84
	To reduce post harvest losses		Training		Dist Level = 01 Village level = 08		
Promote production & productivity of Large Cardamom	Adoption of improved technology. Maintenance of proper shade trees PHM practices	To produce Quality Planting materials	Training	FLD	Dist Level = 01 Village level = 08	08	0.92
	Market linkage awareness		Training		Dist Level = 01 Village level = 08		0.84
			Training		Dist Level = 01		0.16

To increase productivity of Banana	Adoption of recommended techniques	Adoption of half moon terracing	Training	FLD	Dist Level = 01 Village level = 08	08	0.92
Post harvest management practices & IPM		Training		Dist Level = 01 Village level = 08			0.84
Orange	Training, Pruning &IPM	Adaptation of HYV in High altitude	Demonstration		Block level = 08		0.08
LAND RESOURCES To promote production & productivity of Lemon Grass	Create awareness on cultivation technologies, IPM & HYV	Training	FLD	Dist Level = 01 Village level = 08	08)	0.92	
Preservation & promotion of Indigenous MAP	Economic importance & Marketing linkage	Training		Dist Level = 01 Village level = 08			0.84
SOIL AND WATER CONSERVATION To promote awareness in Natural Resources Development & Soil test	Management of soil erosion in shifting cultivation	Develop soil conservation methods using local techniques	Training	On farm trials	Dist Level = 01 Village level = 08	08	0.92
	Harness water potentials through Water harvesting structure		Training		Dist Level = 01 Village level = 08		0.84
	Reclamation of degraded land		Training		Dist Level = 01 Village level = 08		0.84
	Promote soil sampling methods	Demonstration		Block level = 08			0.08

5.	FISHERIES Intensification of fish production	stocking size and number of fingerlings and Disease Management	To over come oxygen depletion in local ponds	Training Demonstration	FLD	Dist Level = 01 Village level = 08 Block level = 08	08	1.00					
6	SERICULTURE To increase quantity & improve quality of silk worm food	Promote manuring of ponds, netting & Aeration Introduce improved method of cultivation of HYV	Selection of high yielding food crops Improve quality, quantity of cocoons & yarn	Training Demonstration	FLD	Dist Level = 01 Village level = 08 Block level = 08	08)	1.00					
7	VET. & A.H To increase productivity of Cow	Feed & fodder management Health care & general management practices	Training	On farm trials	Dist Level = 01 Village level = 08	08	0.84						
	Pig Farming	Breed improvement through graded boar	Demonstration		Block level = 08		0.08						
		Improving feed & fodder management	Training		Dist Level = 01 Village level = 08		0.84						
	Poultry Farming	Encourage backyard poultry with Kuroiler	Training		Dist Level = 01 Village level = 08		0.84						
													Rs. 27.28 lakh (Rupees twenty seven lakh twenty eight thousand only)

DISTRICT: LONGLENG ATMA

TABLE 7.A

DISTRICT ACTION PLAN FOR STRATEGIES, THRUST AREAS FOR EXTENSION & RESEARCH PLAN PERIOD: 2009-10

NUMBER OF BLOCKS = 02(TWO)

Sl. No	Strategies proposed	Thrust Area for extension	Short term research need	Activities proposed Extension Research	Number of units		Amount (Rs. in Lakhs)
					Extension	Research	
					2009-10	2009-10	2009-10
1.	AGRICULTURE Productivity improvement by intensification & technology adoption under rain-fed situation.	Promotion of improved local varieties	-Identification of good quality seeds. -Promotion of indigenous technologies	Farmers training On field trials	02 01 01	01	1.80
	To increase productivity & production of TRC/WRC paddy	-Promotion of HYV for higher altitude. -Adoption of IPM/INM water management	-GAP for improving production.	Demonstration Trials	01 01	01	0.80
	To enhance production & productivity of maize	-Promote HYV -Intercropping	- Introduce good quality & location specific varieties	FFS/demonstrati on & Exposure visits	FLD & trials	01 01	0.60
2.	HORTICULTURE To promote vegetable cultivation	To increase production by adoption of good package of practices	To identify suitable & good quality seeds	Training, Exposure trips & Exhibition	-To identify high yielding/good quality seeds	02 01	1.20

	To promote passion fruit cultivation	Productivity improvement by overcoming technology gap	Processing & value addition	Demonstration, farmers training & exposure trip	Processing & value addition	01 01	01	0.60
3	LAND RESOURCES To promote Medicinal & Aromatic Plants	Promotion of MAP	-Identify high yielder & GAP for local situation.	Training & demonstration Exposure trip	Identify high yielder & GAP for local situation	02 01	01	1.20
4	SOIL AND WATER CONSERVATION. To promote Natural Resources Development	-Management of soil erosion in shifting cultivation -Water harvesting structure. -in-situ top soil cultivation.	Develop soil conservation methods using local techniques	Awareness campaign, motivational workshops, trainings	-Low cost indigenous conservation techniques	01 01	01	0.80
	Soil test	Promote soil sampling methods	Develop soil map, Fertilizer recommendation.	Sample collection methods, Mapping, Documentation.	Develop soil map, Fertilizer recommendation.	01	01	0.60

5.	FISHERIES Intensification of fish production	Paddy cum fish culture. Expansion of composite pisciculture. Promote disease free fingerling production	Technology for fish seed production and management. Brooder fish pond management & technology for fish seed production	Farmers training & demonstration. Health care management	Technology for fish seed production and management. Brooder fish pond management. Technology for fish seed production	01 01	01 01	0
6	SERICULTURE To increase silk production	To promote production of quality & quantity of cocoons. Control of diseases, pest on plant & silkworms.	Selection of high yielders. Developing technologies for local conditions	Farmers training & demonstration. Awareness programme. Health care and management	Selection of high yielder. Developing technologies for local conditions	01 01	01 01	0.80
7	VET. & A.H Production of milk and meat	To increase meat productivity in cow, poultry & pig. To increase egg production	Selection of good breed for meat & egg production. Developing technology for local conditions	Health care and management. Breed upgradation through AI	Selection of good breed for meat & egg production. Developing technology for local conditions	01 01	01 01	0.80
							Total = Rs .10.00lakh (Rupees ten lakh only)	

DISTRICT: KIPHERI ATMA**TABLE 8.A****NUMBER OF BLOCKS = 03 (THREE)**

Sl. No	Strategies proposed	Thrust Area for extension	Short term research need	Activities proposed			Number of units	Amount (Rs. In Lakhs)		
				Extension Research		2009-10				
				Extension	Research					
1.	AGRICULTURE Productivity improvement by intensification & technology adoption under rainfed situation.	Promotion of improved local varieties	-Identification of good quality seeds. -Promotion of indigenous technologies	Farmers training Exposure visits	On field trials	02 01	01	1.80		
	To increase productivity & production of TRC/WRC paddy	-Promotion of HYV for higher altitude. -Adoption of IPM/INM water management	-GAP for improving production.	Demonstration	Trials	01	01	0.80		
2.	HORTICULTURE To promote vegetable cultivation	-Promote HYV -Intercropping	- Introduce good quality & location specific varieties	FFS/demonstrati on & Exposure visits	FLD & trials	01 01	01	0.80 0.50		
		To increase production by adoption of good package of practices	To identify suitable & good quality seeds	Training, Exposure trips & Exhibition	-To identify high yielding/ good quality seeds	02 01	01	1.20 0.50		

	To promote passion fruit cultivation	Productivity improvement by overcoming technology gap	Processing & value addition	Demonstration, farmers training exposure trip	Processing & value addition	01	01	0.60
3	LAND RESOURCES To promote Medicinal & Aromatic Plants	Promotion of MAP	-Identify high yielder & GAP for local situation.	Training & demonstration. Exposure trip	Identify high yielder & GAP for local situation	02	01	0.50
4	SOIL AND WATER CONSERVATION. To promote Natural Resources Development	-Management of soil erosion in shifting cultivation -Water harvesting structure. -in-situ top soil cultivation.	Develop soil conservation methods using local techniques	Awareness campaign, motivational workshops, trainings	-Low cost indigenous conservation techniques	01	01	1.20
	Soil test	Promote soil sampling methods	Develop soil map, Fertilizer recommendation.	Sample collection methods, Mapping, Documentation.	Develop soil map, Fertilizer recommendation.	01	01	0.50
5.	FISHERIES	Paddy cum fish culture. Expansion of composite pisciculture. Promote disease free fingerling production	Technology for fish seed production and management. Brooder fish pond management & technology for fish seed production	Farmers training & demonstration. Health care management	Technology for fish seed production and management. Brooder fish pond management. Technology for fish seed production	01	01	0.80

6	SERICULTURE To increase silk production	To promote production of quality & quantity of cocoons. Control of diseases, pest on plant & silkworms.	Selection of high yielders. Developing technologies for local conditions	Farmers training & demonstration. Awareness programme. Health care and management	Selection of high yielder. Developing technologies for local conditions	01 01	01 01	0.80 0.40
7	VET. & A.H Production of milk and meat	To increase meat productivity in cow, poultry & pig. To increase egg production	Selection of good breed for meat & egg production. Developing technology for local conditions	Health care and management. Breed upgradation through AI	Selection of good breed for meat & egg production. Developing technology for local conditions	01 01	01 01	0.80 0.20

**Total Rs. 15.40 lakhs
(Rupees fifteen lakh forty thousand only)**

**DISTRICT ACTION PLAN FOR STRATEGIES THRUST AREAS FOR EXTENSION &RESEARCH
PLAN PERIOD -2009-10**

Sl. No	Thrust Area for Extension	Strategies proposed	Activities proposed	Area coverage	Unit /rate/no	Amount (Rs in lakh)
1	Agriculture	<ul style="list-style-type: none"> (a) Paddy cultivation by promotion of HYV for rainfed condition. (b) Promotion of HYV for pulse production. (c) To use of information technology and irr media for extension services (d) Prepare documentation of all success story and innovative ideas and technology related to Agriculture and its activities. (e) To procure 1 telephones each to all 5 FIAS and to provide mobiles for extension functionaries for extension delivery. (f) Preparation of Low cost indigenous farm tools by the farmers experts through FIG/CIGS 	<ul style="list-style-type: none"> -Increase in production by adoption of technology suitable for rainfed situation. To increase in production by adoption of HYV intercropping To provide I.T.V to all 5 FIASCS in the block level for information through T.V related activities. Procurement of I.T.V and orientation in all blocks Prepare pamphlets, leaflets and booklets both in local dialects related To enhance efficiency in field preparation and for cost effective Production 	<ul style="list-style-type: none"> -Procurement of good quality HYV seed -Training -Trails and demonstration -Procurement of seeds from registered company -Trails and demonstration -Exposure visit 	<ul style="list-style-type: none"> 5 5 2 1 5 nos. 2 units 	<ul style="list-style-type: none"> Lump Sum 8,500 Lump Sum 10,000 Lump Sum 8,500 Lump Sum 50,000 Lump Sum 10,000
2	Horticulture	a) Promotion of modern technology package of practices for increase in production of commercial crops.	Productivity and quality improvement by overcoming technology gap	<ul style="list-style-type: none"> Demonstration Market linkages Farmers training Input supply 	<ul style="list-style-type: none"> 2 	<ul style="list-style-type: none"> 8,500 10,000 Lump Sum
Total						3.895

b) Introduction of improved varieties of vegetables	To increase in production to meet the market demand	Exposure visit	2 nos. 3 nos. 1	8,500 10,000 50,000	0.17 0.30 0.50
			Total	1.84	
3 Soil and Water Conservation					
1) Promotion of composting and fallow land management	To increase the soil fertility status to increase the production and for soil conservation	Training Demonstration of cover crop	4 nos 2 nos		0.17 0.08
2) Promotion of sustainable agricultural approach and control by planting vegetations	Sustainable agricultural like alder based Jhuming & Agroforestry	Distribution of printed literature Exposure visits	2 L.S 1		0.17 0.10 0.50
4 Sericulture					
(i) Promotion of Eri worm production.	To increase in production of Eri Silk worm and development of good seeds.	Training Demonstration Input Support Exposure trip.	5m 5 Lump Sum 1	8500 10,000 Lump Sum 30,000	0.425 0.50 0.30 0.30
			Lump Sum		
5 Land Resources					
i) Land resources promotion of, geranium and lemon gases.	To increase in production and productivity through organic farming.	Input Supply Training on package of practices	2 5	Lump Sum 8500 10,000	0.20 0.17 0.50
(ii) Promoting MAP and spices crop.	To encourage the cultivation of economic local medicinal plants through CIGS and FIGS.	Demonstration Training on proper use Research and documentation	1 2 1 no	8500 8500 .50,000	0.085 0.17 0.50
			Total	3.65	

6	Fishery.							
	i)Intensification of fish production. ii)Promotion of a paddy-cum fish culture	To increase in the production and productivity.	Timely supply of fingerling for increase in production	Training on identification of fingerlings suitable in the area. Exposure visits. Dissemination of technical knowledge through leaflets and media.	Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum	2 5 1 2 2 1 no 5 no	8500 10,000 8500 8500 50,000 20,000	0.17 0.50 0.30 0.085 0.20 0.17 0.50 0.20
7	Other activities proposed					Total	2.125	
	i) Setting of FlAC office in five blocks. ii).Private Public partnership. Promotion of PPP for marketing organic produce like fruits, vegetables etc. iii).Strengthening the existing dairy federation by formations of milk unions iv).Promotion of Poultry union or federation. v).Promotion of CIGS and FOs by giving revolving fund.	To provide farm information and act as an advisory and provide it applications for effective connectivity For effective functioning by BTT, farmers and functionaries. For higher economic return To have a good marketing linkage in members of the union. To strengthen their confidence and for better market linkage.	To provide farm information and act as an advisory and provide it applications for effective connectivity For effective functioning by BTT, farmers and functionaries. For higher economic return To have a good marketing linkage in members of the union. To strengthen their confidence and for better market linkage.	Office set up Stationeries IT networking. Facilitating in linkage with companies and buyers. Motivational training & Exposure visit. Capacity building/ development support service Within and outside state	5 15 4 2 3 gr 8	1.30 10,000/unit 5000/unit 50,000 20,000/unit As per unit	6.5 1.50 0.20 1.00 0.50 1.60 3.50	

	To enable CIGS members to activate their activities.	Rewards Production of CD	7 2	15000/no	0.30
	To enable the farmers to have complete knowledge on package of practices and to facilitate farmers to farmers extension.	LCD Projector (1 time)	1	L.S	2.0
	Assessment of production and market survey and linkage activities	As per potential	Within the block	L.S	2.00
				Total	19.10
				Grand Total = Rs 27.73	(Rupees twenty seven lakh seventy three thousand) only

TABLE 10.A

**DISTRICT ACTION PLAN FOR STRATEGIES, THRUST AREAS FOR EXTENSION & RESEARCH
PLAN PERIOD: 2009-10:**

Sl. No.	Strategies proposed	Thrust area for Extension	Short term Research need	Activities proposed			Number of units	Amount (Rs. In lakhs)
				Extension	Research	Extension		
1.	1 AGRICULTURE 1 Paddy Identification of suitable rain fed paddy in both TRC & Jhum paddy,	-Promotion of improved seeds and HYV -Adoption of IPM methods -Efficient Water Management -PHM	-Identification of Good quality seeds, -Short duration, & resistance varieties -Optimum time for sowing/harvesting, - -Promotion of indigenous technologies	-Training -Exposure tours -Exhibition	6	5	7	1.20
	2 Maize To increase & productivity of Maize and value addition	-Promote HYV & Hybrid Maize -PHM	-Introduce good quality and location specific varieties -To study cost-benefit ratio for higher economic return	-Training & capacity building	FLD & demonstration	03	03	1.20
	3 Ginger- To produce quality ginger -Value addition Adopt IPM/INM	Create awareness on PHM and value addition Diseases & Pest and biological control measures	-PHM -Low cost storage	Exposure visit for value addition Exhibition Seed money FIG/SHG	PHM -Low cost storage	03	03	1.20

2.	HORTICULTURE 1.Banana.Passion Fruit, Pineapple, Orange, Tomato, Chilli, Cardamom	-Productivity improvement -To reduce post harvest losses -PHM -Value addition -Market linkage	-Correct planting methods and system -Proper seed selection & treatment -Suitable Processing methodologies Biological control of insect pest -Vermicomposting PHM	T/D/Exposure trips Good sees selection and awareness training for Farmers & functionaries	FLD and on-farm trials	03	03	1.20
3.	SOIL & WATER CONSERVATION Vermicomposting To increase production	-Use of efficient species of earthworm -Development of local low cost vermicomposting technology	-Identify local materials for vermicomposting	Awareness campaign, exposure trips, trainings	-Low cost techniques	03	03	1.20
4.	SERICULTURE Mulberry /Eri silk worm-Increase in quantity & quantity of leaves -	Create awareness on quality leaves and cocoon Awareness on insect pest & diseases and control measures	-Develop technologies for local conditions for increasing production and quality cocoons -Introduce good agronomic practices and quality culturing	-Promote use of Motorized shuttle loom -Training & exposure visits Demonstration	-Location specific varieties of mulberry and other plants	03	03	1.20
5	LAND RESOURCE Patchouli, geranium, & lemon grass - Increase production, productivity	Create awareness on cultivation and economic aspect of patchouli, geranium & lemon grass .	Identification & documentation and development of suitable P& P/technology	T/D/exposure tours	Identification & documentation and development of suitable P& technology	03	03	1.20

6	FISHERIES Fish To increase productivity of fish	Promote methods to increase productivity of fish Management of ponds	Technology for fish seed production and management	Manuring of ponds Feeding rate & schedule	Develop local Technology for fish seed production and management	03	03	1.20
7	VETERINARY & ANIMAL HUSBANDRY 1.Cattle Milch Pig & Poultry -To increase milk production -To increase meat production	-Develop management aspects and health care Breed upgradation -Improving feed and fodder	Develop management aspects and health care Breed upgradation	- Demonstration & training -Study visits	-Adaptive Research in collaboration -Training of farmers -Vaccine & Animal health AI	04	04	1.60

Rs 11.20 lakh

(Rupees Eleven lakh twenty thousand only)

TABLE 11.A
DISTRICT ACTION PLAN FOR STRATEGIES, THRUST AREAS FOR EXTENSION & RESEARCH PLAN PERIOD: 2009-10:

Sl No	Strategies proposed	Thrust Area for extension	Short term research need	Activities proposed (Units)		Cost norms (Rate/ unit)	2009 - 2010 unit	Total Amount (Rs. In lakhs)
				Extension	Research			
1	2	3	4	5	6	7	8	9
1	AGRICULTURE Productivity improvement by intensification & technology adoption under rain fed situation	- Promotion of improved local varieties To increase productivity & production of broadcasted /transplanted paddy	- Identification of good quality seeds - Promotion of indigenous technologies - Promotion of HYV for higher altitude. - Adoption of IPM/ INM, water management - To increase production by adoption of good package of practices	Farmers training 5 Nos Demonstration 6 Nos	On Farm trials 6 Nos Field Trials 9 Nos	Training 7	8	10
2	HORTICULTURE To promote vegetable cultivation	- To identify suitable & good quality seeds	Training 6 nos Exposure trips 2 Nos Exhibition 2 Nos	- Trials to identify high yielding/go od quality seeds= 4 Nos	Training 6 nos Exposure trip (Inter-district) Exhibition 2 Nos	0.10 0.50 0.50	0.60 1.00 1.00	0.48 0.54 0.54
	To promote pineapple cultivation	- Productivity improvement by overcoming technology gap	Demonstration 6 Farmers training 6 Exposure trip 4 No.	- Processing & value addition	Demos. Farmers training Exposure trip (Block level)	0.085 0.08 0.30	0.34 0.48 1.20	0.34 0.48 1.20

3	LAND RESOURCES To promote Medicinal & Aromatic Plants	- Promotion of MAP - Identify high yielder & GAP for local situation	Training 10 Nos Demonstration 6 Nos Exposure trip 2 Nos (Block level)	- Identify high yielder & GAP for local situation	Training 10 Nos Demos	0.08 0.54	0.80 0.54
4	SOIL & WATER CONSERVATION. To promote Natural Resources Development	- Management of soil erosion in shifting cultivation - Water harvesting structure. - In-situ top soil cultivation	Develop soil conservation methods using local techniques	Awareness campaign, motivational workshop, 3 Nos	- Low cost indigenous conservation techniques & trials 6 Nos	Training 0.08 Demos 0.15	0.24 0.30
5	FISHERIES Intensification of fish production	Paddy cum fish culture. Expansion of composite pisciculture. Promote disease free fingerling production	Technology for fish seed production and management. Brooder fish pond management & technology for fish seed production	Farmers training 10 Nos Demonstration 10 Nos Health care management 4 Nos (District level)	- Technology for fish seed production and management - Brooder fish pond management & technology for fish seed production	Farmers Training 0.08 Demos 0.09 Management Training 0.40	0.80 0.90 1.60

6	SERICULTURE To increase silk production To popularize Mulberry Cultivation	- To promote production of quality & quantity of cocoons. - Control of diseases, pest on plant & silkworms.	- Selection of high yielders. - Developing technologies for local conditions	Farmers training 6 Nos (Both Kharif & Rabi) Demonstration 6 Nos	- Selection of high yielder. - Developing technologies for local conditions	Training 0.09 Demos	0.08 0.54 0.54	0.48 0.48
7	VET. & A.H Production of milk and meat	- To increase meat productivity in cow, poultry & pig. - To increase egg production	- Selection of good breed for meat & egg production. - Developing technology for local conditions	Health care and management. 2 Nos	- Selection of good breed for meat & egg production. - Developing technology for local conditions	Manage- ment training (District level)	0.40 0.40	0.80 0.80

Total: - **Rs 18.61 lakh**

(Rupees Eighteen lakh sixty one thousand only)

TABLE 12.A

HUMAN RESOURCE DEVELOPMENT (HRD) PLAN FOR KOHIMA ATMA DISTRICT DURING 2009-10

Sl. No	Department	Strategy for development	Training need	Cadre of participation	Topic of Trg.	No. of trainings	Name of Inst. For training
1	2 Agriculture: District Level	Capacity building	1. Understanding of the guidelines 2. Effective management &monitoring	D.A.O's and equivalent	- Managerial & management - Monitoring & evaluation - Progress report - Fund utilization. - Progress report	10	SAMETI, Directorate, P.D Office, MANAGE
2	Horticulture: District level	Capacity building	1. Understanding of the guidelines 2. Effective management &monitoring	D.H.O's and equivalent	- Management & Managerial - Monitoring & evaluation - Progress report - Fund utilization.	10	SAMETI, MANAGE, Pune
3	Sericulture : District level	Capacity building	1. Skill up gradation 2. Effective implementation 3. More output of the programme	S.O's/ and equivalent	- Management training - Extension training - Implementation skills - Subject matter training	10	SAMETI, Directorate, P.D Office, SARS
4	Land Resources: District level	Capacity building	1. Understanding of the guidelines 2. Effective management &monitoring 3. More output of the programme	D.P.O's and equivalent	- Management & Managerial - Monitoring &evaluation - Progress report - Fund utilization.	10	MANAGE, ICAR

5	Soil & Water Conservation: District level	Capacity building	1. Effective management &monitoring	D.S.C.O's & equivalent	- Management & Managerial - Monitoring &evaluation - Progress report - Fund utilization.	10	NERIWLM, MANAGE
6	Fishery: District level	Capacity building	1. Understanding of the guidelines 2. Effective management &monitoring	D.F.O's and equivalent	- Management & Managerial - Monitoring &evaluation - Progress report - Fund utilization.	10	A.P, West Bengal, Karnataka, ICAR
7	Vet. & Animal Husbandry: District level	Capacity building	1. Effective management &monitoring	D.V.O's and equivalent	- Management & Managerial - Monitoring &evaluation - Progress report - Fund utilization.	10	ICAR, SAU's,SAMETi

TABLE 13.A

HUMAN RESOURCE DEVELOPMENT (HRD) PLAN FOR ATMA MOKOKCHUNG DISTRICT DURING 2009-11

Department	Strategy for development	Training Need	Cadre of participants	Topics of Training	No. of trainings/ Trip	Name of the Inst/State for training/Visit
AGRICULTURE <u>District level</u>	Capacity building	To upgrade adminn, managerial, technological KSA	D.A.O and equivalent S.D.A.O level BTT, VEWs, FO, NGOs/Farmers/ FIGs/FOs/SHGs	-Administrative and managerial course -Trainers training courses on IPM/ INM - Technology of major crops for cereals, pulses, oilseeds, INM IPM-	10	PD Office, MANAGE, NPPTI, SASRD SAMETI, SARS, EEI
	Awareness	Exposure trip outside the state			04	Karnataka, Sikkim, Kerala
ANIMAL HUSBANDRY <u>District level</u>	Capacity building	To upgrade adminn, managerial, technological KSA	D.V.O and equivalent S.D.V.O level BTT, Para- Vet, FO, NGOs Farmers/FIGs/ FOs/SHGs	-Administrative and managerial course Up gradation of knowledge in latest technology and management of livestock, poultry, fodder production, pasteurization plant, etc.	10	PD Office, IVRI, SASRD, SAMETI, ICAR, SAR S, EEI
	Awareness	Exposure Trip outside the state		Breed upgradation in livestock & poultry.	04	MANAGE, Karnal, Anand
HORTICULTURE <u>District level</u>	Capacity building	To upgrade adminn, managerial, technological KSA	D.H.O and equivalent H.O level BTT, FO, NGOs Farmers/FIGs/ FOs/SHGs Farmers/FIGs/ FOs/SHGs	-Administrative and managerial course -Trainers training courses on IPM/ INM Technology of major horticulture crops for INM IPM	10	PD Office, SAMETI, ICAR, EEI, SHF
	Awareness	Exposure trip outside the state			04	Karnataka, Sikkim, Mizoram, Kerala

SERICULTURE District level	Capacity building	To upgrade adminn, managerial, technological KSA	A.D.S and equivalent A.S.O. level and BTI, Extension workers, FO, NGOs/Farmers/ FICGs/FOs/SHGs	-Administrative and managerial course Improved technology on cultivation practices of sericulture crops and management of silk worms	10	PD Office, MANAGE, SAMETI, CSBRC, Jorhat
	Awareness	Exposure trip outside the state	-	-	04	Assam, W. Bengal
FISHERY District level	Capacity building	To upgrade adminn, managerial, technological KSA	D.F.O and equivalent FI & AF1 level FICGs, SHGs and farmers	-Administrative and managerial course Technologies on composite fish culture, Fish seed production & .Integrated fish culture	10	PD Office MANAGE, CIFE, SAMETI, KVK, SARS, State Fishery Farm AP/ Assam
	Awareness	Exposure trip outside the state	-	-	04	PD Office, MANAGE, CRIMAP, NERIWLM,
LAND RESOURCES District level	Capacity building	To upgrade adminn, managerial, technological KSA	D.P.Os and equivalent A.P.O, A.I. level FICGs, SHGs and farmers	-Administrative and managerial course Management of MAP & Agro-forestry	10	PD office, SAMETI, MANAGE CRIMAP, NERIWLM, UP
	Awareness	Exposure trip outside the state	-	-	04	MANAGE CRIMAP, NERIWLM, UP
Soil & water Conservation District level	Capacity building	To upgrade adminn, managerial, technological KSA	DSCO s and equivalent SDS CO,JACO level FICGs/Farmers/ SHGs	-Administrative and managerial course Low cost tech on erosion control. Land dev in rolling & undulating terrain. Vermi-technology	10	PD Office SAMETI,ICAR,SAR S, State Training Institute MANAGE
	Awareness	Exposure trip outside the state	-	-	04	MANAGE NERIWALM, Uttaranchal

TABLE 14.A

HUMAN RESOURCE DEVELOPMENT (HRD) PLAN FOR DIMAPUR ATMA DISTRICT DURING 2009-11

Sl. No.	Name of Department	Strategy for HRD	Type of Participants	Topic for Training based on Training need	No of Trainings		Name of Institute for Training
					2009-10	2009-10	
1.	AGRICULTURE	a)Capacity building & awareness b)Exposure trip within & outside the state	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups. -do-	Production technology on major crops & PHM Marketing & value addition	02	02	SAMETI, ICAR, SARS. KVK/MANAGE, Karnataka/Sikkim,/ Kerala
2	VET. & A.H	a) Capacity building & awareness b)Exposure trip within & outside the state	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups. -do-	Administrative & Managerial course. Animal & Milk production technology.	02	02	SAMETI/District PD/ICAR/SARS Directorate/KVK, DIMUL/MANAGE, Karnal, Anand.
3	HORTICULTURE	a) Capacity building & awareness b) Exposure trip within & outside the state	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups. -do-	P & P of fruits & vegetables and PHM.	02	02	SAMETI/District PD/ICAR/SARS, State Horticulture Nursery, KVK Karnataka, /Sikkim, Mizoram, Kerala
4	SERICULTURE	a) Capacity building & awareness b) Field days c)Exposure trip within & outside the state	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups. -do-	Management trainings Production technology of Eri, Muga & silk worm. Silk processing technology.	02	02	PD office, SAMETI ICAR,SARS,State farm, KVK Assam, West Bengal

5	FISHERIES	a) Skill upgradation b) Exposure trip within & outside the state.	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups. -do-	Administrative & managerial course. Technology on composite fish culture. Integrated Fish culture	02 02	SAMETI/District PD/ICAR/SARS, State Fishery Demonstration Farm MANAGE, CIFE, A.P., Assam
6	LAND RESOURCES	a) Capacity building & skill upgradation b) Exposure trip within & outside the state	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups. -do-	P & P and management of MAP. Agro forestry.	02 02	SAMETI/District PD/ICAR/SARS, State Research Farm. MANAGE, NERIWALM, U.P.
7	SOIL & WATER CONSERVATION	a) Capacity building & awareness b) Exposure trip within & outside the state	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups. -do-	Administrative & managerial course. Low cost technology on erosion control. Land development in rolling & undulating terrain.	02 01 02	SAMETI/District PD/ICAR/SARS, State Training Institute, Zubza. MANAGE, NERIWALM, Uttaranchal.

DISTRICT: MON ATMA

TABLE 15.A

GOVERNMENT OF NAGALAND

NUMBER OF BLOCKS = 06 (SIX)

HUMAN RESOURCES DEVELOPMENT (HRD) PLAN FOR MON DISTRICT-2009-10					
Sl. No.	Name of Department	Strategy for HRD	Type of Participants	Topic for Training based on Training need	No of Trainings
					2009-10
1.	AGRICULTURE	a)Capacity building & awareness	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	Production technology on major crops & PHM	02
		b)Exposure trip within & outside the state	-do-	Marketing & value addition	02
2	VET. & A.H	a) Capacity building & awareness	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	Administrative & Managerial course.	02
		b)Exposure trip within & outside the state	-do-	Animal & Milk production technology.	02
3	HORTICULTURE	a) Capacity building & awareness	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	P & P of fruits & vegetables and PHM.	02
		b) Exposure trip within & outside the state.	-do-		02
4	SERICULTURE	a) Capacity building & awareness	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	Management trainings	02
		b) Field days	-do-	Production technology of Eri, Muga & silk worm.	02
		c)Exposure trip within & outside the state	-do-	Silk processing technology.	02

5	FISHERIES	a) Skill upgradation b) Exposure trip within & outside the state.	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups. -do-	Administrative & managerial course. Technology on composite fish culture. Integrated Fish culture	02 02	SAMETI/District PD/ICAR/SARS, State Fishery Demonstration Farm MANAGE, CIFE, A.P, Assam
6	LAND RESOURCES	a) Capacity building & skill upgradation b) Exposure trip within & outside the state.	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups. -do-	P & P and management of MAP. Agro forestry.	02 02	SAMETI/District PD/ICAR/SARS, State Research Farm. MANAGE, NERIWALM, U.P.
7	SOIL & WATER CONSERVATION	a) Capacity building & awareness b) Exposure trip within & outside the state	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups. -do-	Administrative & managerial course. Low cost technology on erosion control. Land development in rolling & undulating terrain.	02 01 02	SAMETI/District PD/ICAR/SARS, State Training Institute, Zubza. MANAGE, NERIWALM, Uttarakhand.

TABLE 16.A

HUMAN RESOURCE DEVELOPMENT (HRD) PLAN FOR PHEK ATMA DISTRICT DURING 2009-11

Sl. No	Name of Department	Strategy for HRD as per SREP	Type of participants	Topic for training based on Training need	No. of trainings	Name of Institute for training
1	2	3	4	5	6	7
1.	Agriculture	a. Organize crop production technologies to increase production & productivity b. Exposure trip outside the state	Farmers, Extension workers, officers & NGOs -do-	- P & P of viable crops - Capacity building	02	P.D Office, SAMETI, ICAR, SARS, DIRECTORATE KVK
2.	Vet. & Animal Husbandry	a. Impart training in Breed upgradation, Skill upgradation, capacity building of staff b. Exposure trip outside the state	Farmers, functionaries, officers	- Rural Animal Husbandry augmentation through breed upgradation - Poultry bird management - Skill upgradation - Capacity building	01	Dept. Farms, VFATI, ICAR Institute, KVK
3.	Horticulture	a. Upgradation of skills at all levels b. Exposure trip	Farmers, Extension functionaries, officers	- Training on fruit & Vegetables, IPM, PHM - Capacity building	01	Anand, Gujarat, KOMUL, Dimapur.
4.	Sericulture	a. Cultivation of food plant & Rearing of silk worm b. Value addition on silk technology c. Exposure trip	Farmers, functionaries, officers	- Cost benefit analysis - Production technologies in Mulberry, Eri, Muga - Capacity building	02 01	Dept. Farm, ICAR, KVK, SAMETI W.Bengal

5.	Fisheries	a. Awareness on generation of additional income b. Capacity building of fish farmers	Farmers, functionaries, officers .FIG,& Women SHGs	- Composite fish culture - Fish seed production & integrated fish culture - Capacity building	02 01	Dept. Farm, ICAR, KVK, Assam, W.Bengal
6.	Land Resources	a. Cultivation of MAP as additional source of income b. Training of field functionaries c. Exposure trip	Farmers, functionaries, officers .FIG,& Women SHGs	- P & P of MAP - PHM - Agro-forestry management & marketing	02 01	Dept. Farm, KV SAMETI, Maharashtra
7.	Soil & W.C.	a. Jhum control b. Vermi technology c. Soil & Water erosion control d. Exposure trip	Farmers, functionaries, officers	- Benefit of alternative farming - Vermicomposting - Low cost technology on erosion control	02 02	State Training Institute, Zubza Meghalaya, Uttaranchal

**TABLE 17.A
HUMAN RESOURCE DEVELOPMENT (HRD) PLAN FOR ATMA TUENSANG DISTRICT DURING 2009-11**

Sl. No.	Name of Department	Strategy for HRD	Type of Participants	Topic for Training based on Training need	No of Training	Name of Institute for Training
1.	AGRICULTURE	a) Capacity building, Skill up-gradation & awareness	Farmers, Extension workers, Officers, NGOs/SHGs/FOS/ Women groups.	Production technology on major crops & PHM	14	PD office, SAMETI, KVK MANAGE
		b) Exposure trip within & outside the state	-do-	Marketing & value addition	02	Karnataka/ Kerala/ SARS
2	VET. & A.H	a) Capacity building, Skill up-gradation & awareness	Farmers, Extension workers, Officers, NGOs/SHGs/FOS/ Women groups.	Breed up-gradation Management	10	PD office, SAMETI, VFATI, KVK MANAGE
		b) Exposure trip within & outside the state	-do-	Animal & Milk production technology.	02	DIMUL, Dimapur AMUL, Ahmedabad
3	HORTICULTURE	a) Capacity building, Skill up-gradation & awareness	Farmers, Extension workers, Officers, NGOs/SHGs/FOS/ Women groups.	P & P of fruits & vegetables and PHM.	10	PD office, SHN, SAMETI, ICAR, KV MANAGE
		b) Exposure trip within & outside the state	-do-	PHM & Market Linkage	02	Mokokchung NRC for Citrus; Sikkim & ICAR, Barapani
4	SERICULTURE	a) Capacity building, Skill up-gradation & awareness	Farmers, Extension workers, Officers, NGOs/SHGs/FOS/ Women groups.	Production technology of Eri, Muga & silk worm.	06	PD office, KV K SAMETI, ICAR, State Farm
		b) Exposure trip within & outside the state	-do-	Silk processing technology.	02	Mysore/ Assam/ W. Bengal

5	FISHERIES	a) Capacity building, Skill upgradation & awareness b) Exposure trip within & outside the state.	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups. -do-	Technology on composite fish culture & Integrated Fish culture Fish Seed production	06 02 PD office SAMETI State Fishery Demonstration Farm MANAGE CIFE
6	LAND RESOURCES	a) Capacity building, Skill upgradation & awareness b) Exposure trip within & outside the state.	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups. -do-	P & P and management of MAP. PHM. Agro Forestry Market linkage Management	06 02 PD office MANAGE CRI, Lucknow MANAGE, Maharashtra, Lucknow
7	SOIL & WATER CONSERVATION	a) Capacity building, Skill upgradation & awareness b) Exposure trip within & outside the state	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups. -do-	Land development in rolling & undulating terrain. Vermicomposting	05 02 PD office, KVK SAMETI State Training Institute, Zubza MANAGE, NERIWALM

TABLE 18.A
HUMAN RESOURCE DEVELOPMENT (HRD) PLAN FOR ATMA LONGLENG DISTRICT DURING 2009-10

Sl. No.	Name of Department	Strategy for HRD	Type of Participants	Topic for Training based on Training need	No of Trainings	Name of Institute for Training
1.	AGRICULTURE	a)Capacity building & awareness	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	Production technology on major crops & PHM	02	SAMETI, ICAR, SARS.
		b)Exposure trip within & outside the state	-do-	Marketing & value addition	02	KVK/MANAGE, Karnataka/Sikkim, Kerala
2	VET. & A.H	a) Capacity building & awareness	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	Administrative & Managerial course.	02	SAMETI/District PD/ICAR/SARS
		b)Exposure trip within & outside the state	-do-	Animal & Milk production technology.	02	Directorate/KVK, DIMUL/MANAGE , Karnal, Anand.
3	HORTICULTURE	a) Capacity building & awareness	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	P & P of fruits & vegetables and PHM.	02	SAMETI/District PD/ICAR/SARS, State Horticulture Nursery, KVK Karnataka, Sikkim, Mizoram, Kerala
		b) Exposure trip within & outside the state	-do-		02	
4	SERICULTURE	a) Capacity building & awareness	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	Management trainings	02	PD office, SAMETI
		b) Field days	-do-	Production technology of Eri, Muga & silk worm.	02	ICAR,SARS,State farm, KVK
		c)Exposure trip within & outside the state	-do-	Silk processing technology.	02	Assam, West Bengal

5	FISHERIES	a) Skill upgradation b) Exposure trip within & outside the state.	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups. -do-	Administrative & managerial course. Technology on composite fish culture. Integrated Fish culture	02	SAMETI/District PD/ICARS/SARS, State Fishery Demonstration Farm MANAGE, CIFE, A.P, Assam
6	LAND RESOURCES	a) Capacity building & skill upgradation b) Exposure trip within & outside the state	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups. -do-	P & P and management of MAP. Agroforestry.	02	SAMETI/District PD/ICARS/SARS, State Research Farm. MANAGE, NERIWALM, U.P.
7	SOIL & WATER CONSERVATION	a) Capacity building & awareness b) Exposure trip within & outside the state	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups. -do-	Administrative & managerial course. Low cost technology on erosion control. Land development in rolling & undulating terrain.	02 01 02	SAMETI/District PD/ICARS/SARS, State Training Institute, Zubza. MANAGE, NERIWALM, Uttranchal.

TABLE 19.A
HUMAN RESOURCE DEVELOPMENT (HRD) PLAN FOR KIPHERI ATMA DISTRICT DURING
PLAN PERIOD: 2009-10

Sl. No.	Name of Department	Strategy for HRD	Type of Participants	Topic for Training based on Training need	No of Trainings	Name of Institute for Training
1.	AGRICULTURE	a) Capacity building & awareness b) Exposure trip within & outside the state	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups. -do-	Production technology on major crops & PHM Marketing & value addition Administrative & Managerial course.	02	SAMETI, ICAR, SARS.
2	VET. & A.H	a) Capacity building & awareness b) Exposure trip within & outside the state	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups. -do-	Animal & Milk production technology. P & P of fruits & vegetables and PHM.	02	KVK/MANAGE, Karnataka/Sikkim, Kerala Directorate/KVK, DIMUL/MANAGE, Karnal, Anand.
3	HORTICULTURE	a) Capacity building & awareness b) Exposure trip within & outside the state	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups. -do-		02	SAMETI/District PD/ICAR/SARS, State Horticulture Nursery, KVK Karnataka, Sikkim, Mizoram, Kerala
4	SERICULTURE	a) Capacity building & awareness b) Field days c) Exposure trip within & outside the state	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups. -do-	Management trainings Production technology of Eri, Muga & silk worm. Silk processing technology.	02 02 02	PD office, SAMETI ICAR,SARS,State farm, KVK Assam, West Bengal

5	FISHERIES	a) Skill upgradation	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	Administrative & managerial course.	02	SAMETI/District PD/ICAR/SARS, State Fishery Demonstration Farm MANAGE, CIFE, A.P, Assam
		b) Exposure trip within & outside the state.	-do-	Technology on composite fish culture.	02	
6	LAND RESOURCES	a) Capacity building & skill upgradation	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	Integrated Fish culture	02	SAMETI/District PD/ICAR/SARS, State Research Farm. MANAGE, NERIWALM, U.P.
		b) Exposure trip within & outside the state	-do-	P & P and management of MAP. Agroforestry.	02	SAMETI/District PD/ICAR/SARS, State Research Farm. MANAGE, NERIWALM, U.P.
7	SOIL & WATER CONSERVATION	a) Capacity building & awareness	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	Administrative & managerial course.	02	SAMETI/District PD/ICAR/SARS, State Training Institute, Zubza.
		b) Exposure trip within & outside the state	-do-	Low cost technology on erosion control. Land development in rolling & undulating terrain.	01 02	MANAGE, NERIWALM, Uttranchal.

TABLE 20.A

HUMAN RESOURCE DEVELOPMENT (HRD) PLAN FOR WOKHA ATMA DISTRICT DURING 2009-11

Sl.No	Name of Department	Strategy for HRD as per SREP	Type of participants	Topic for training based on Training need	No. of trainings	Name of Institute for training
1.	Agriculture	a.Orientation/Capacity building b.Programme for technology transfer lab to land c. Exposure trip outside the state	Officers & Extension workers,KVKs & Farmers group -do--	- Extension Reforms - M & E - P & P - Administrative & managerial course	5 03 -do--	6 03 P.D Office, SAMETI/MANAGE /KVK/ICAR, SARS/Blocks
2.	Veterinary Animal Husbandry	a. Capacity building & awareness b. Exposure trip outside the state	Farmers, Extension workers, officers & NGOs/SHGs/FOs/ Women Groups -do--	- Administrative & managerial course - Animal & milk Production technology - Fodder Production & pasteurization plant - Capacity building	02 01	P.D Office, SAMETI, KVK, KOMUL, Dimapur MANAGE, Karnal, Anand
3.	Horticulture	a. Capacity building & awareness b. Exposure trip outside the state	Farmers, Extension workers, officers & NGOs/SHGs/ Women Groups -do--	- Training & management of Tea ,Areca nut,guava, - jackfruit and pineapple - IPM, IMN, PHM	02 01	PD Office, SAMETI, State Horticulture Farm, Karnataka, Sikkim,

4.	Sericulture	a. Capacity building & skill upgradation b. Exposure trip outside the state	Farmers, Extension workers, officers & NGOs/SHGs/ Women Groups	- Production technologies of Eri, Muga & silk worm - Silk processing technology	02	SAMETI, ICAR, SARS. State Farm, Assam, W.Bengal
5.	Fisheries	a. Capacity building & skill upgradation b. Exposure trip outside the state	Fish Farmers, Extension workers, officers & NGOs/SHGs	- Fish seed production - Disease management - Training on Indian carps	02	SAMETI, KVK ICAR, State Fishery demonstration farm MANAGE, CIFE, A.P, Assam
6.	Land Resources	a. Capacity building & skill up gradation b. Exposure trip outside the state	Farmers group, Extension workers, officers & NGOs/SHGs	- Administrative & managerial course - P & P and Management of MAP - Agro forestry	02	PD Office, SAMETI, KVK State Research farm MANAGE, NERIWALM,
7.	Soil & W.C	a. Capacity building & skill up gradation b. Exposure trip outside the state	Farmers group, Extension workers, officers & NGOs/SHGs	- Low cost technology on erosion control - Land development in rolling & undulating terrain - Vermi-technology	03	PD Office, SAMETI, KVK State Training Institute, Zubza MANAGE, NERIWALM, Uttarakhand

TABLE 21.A

HUMAN RESOURCE DEVELOPMENT (HRD) PLAN FOR ZUNHEBOTO ATMA DISTRICT DURING 2009-11

Sl.No	Name of Department	Strategy for HRD as per SREP	Type of participants	Topic for training based on Training need	No. of trainings	Name of Institute for training
1	2	3	4	5	6	7
1.	Agriculture	a. Capacity building & awareness b. Exposure trip outside the state	Farmers, Extension workers, officers & NGOs/SHGs/FOs/ Women Groups —do—	- Administrative & managerial course - IPM, INM - Production technology on major crops - Capacity building	02 02	P.D Office, SAMETI, ICAR, SARS, KVK MANAGE, Karnataka Sikkim, Kerala
2.	Veterinary Animal Husbandry	a. Capacity building & awareness b. Exposure trip outside the state	Farmers, Extension workers, officers & NGOs/SHGs/FOs/ Women Groups —do—	- Administrative & managerial course - Animal & milk Production technology - Fodder Production & pasteurization plant	02 02	P.D Office, SAMETI, ICAR, KVK, KOMUL, Dimapur MANAGE, Karnal, Anand
3.	Horticulture	a. Capacity building & awareness b. Exposure trip outside the state	Farmers, Extension workers, officers & NGOs/SHGs/ Women Groups —do—	- Administrative & managerial course - IPM, IMN, PHM - P & P of Fruit & vegetables	02 02	P.D Office, SAMETI, State Horticulture Farm, Karnataka, Sikkim, Mizoram, Kerala

4.	Sericulture	a. Capacity building & skill upgradation	Farmers, Extension workers, officers & NGOs/SHGs/ Women Groups	- Administrative & managerial course - Production technologies of Eri,Muga & silk worm	02	PD Office, SAMETI, ICAR, SARS. State Farm, KVK Assam,W.Bengal
		c. Exposure trip outside the state			01	
5.	Fisheries	a. Capacity building & skill upgradation	Fish Farmers, Extension workers, officers & NGOs/SHGs	- Administrative & managerial course - Technology on composite fish culture - Fish seed production - Integrated fish culture	02	PD Office, SAMETI, KVK ICAR, SARS, State Fishery demonstration farm MANAGE, CIFE, A.P, Assam
		b. Exposure trip outside the state			02	
6.	Land Resources	a. Capacity building & skill up gradation	Farmers group, Extension workers, officers & NGOs/SHGs	- Administrative & managerial course - P & P and Management of MAP - Agro forestry	02	PD Office, SAMETI, KVK ICAR, SARS, State Research farm MANAGE, NERIWALM, U.P
		b. Exposure trip outside the state			02	
7.	Soil & W.C	a. Capacity building & skill up gradation	Farmers group, Extension workers, officers & NGOs/SHGs	- Low cost technology on erosion control - Vermi-technology	03	PD Office, SAMETI, KVK State Training Institute, Zubza MANAGE, NERIWALM, Uttaranchal
		b. Exposure trip outside the state			01	

TABLE 21.A
HUMAN RESOURCE DEVELOPMENT (HRD) PLAN FOR PEREN ATMA DISTRICT DURING 2009-11

Sl No	Department	Strategy for development	Type of Participants	Need-Based Training	No. of trainings (Nos)	Training Institute
1	2	3	4	5	6	7
1	AGRICULTURE District level	Capacity building	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	<ul style="list-style-type: none"> - Production technology on major crops & PHM - Marketing & value addition 	5	SAMETI, ICAR,SARS MANAGE, Karnataka/Sikkim,
2	VET. & A.H District level	Capacity building	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	<ul style="list-style-type: none"> - Administrative & Managerial course. - Animal & Milk production technology. 	5	SAMETI/District PD/ICAR/ DIMUL/MANAGE, Karnal, Anand.
3	HORTICULTURE District level	Capacity building	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	<ul style="list-style-type: none"> - P & P of fruits & vegetables and PHM. 	5	SAMETI/District PD/ICARSARS, State Horticulture Nursery, Sikkim, Mizoram,
4	SERICULTURE District level	Capacity building	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	<ul style="list-style-type: none"> - Management trainings - Production technology of Eri, Muga & silk worm. - Silk processing technology 	5	SAMETI ICAR,SARS, Assam, West Bengal

5	FISHERIES District level	Capacity building	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	- Administrative & managerial course. - Technology on composite fish culture/integrated Fish culture	5	SAMETI/PD/ICAR/SARS , State Fishery Demonstration Farm, , CIFE, A.P, Assam
6	LAND RESOURCES District level	Capacity building	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	- P & P and management of MAP. - Agro-forestry	5	SAMETI/District PD/ICAR/SARS, State Research Farm. NERIWALM, U.P.
7	SOIL & WATER CONSERVATION District level	Capacity building	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	- Administrative & managerial course. - Low cost technology on erosion control. - Land development in rolling & undulating terrain	5	SAMETI/District PD/ICAR/SARS, State Training Institute, MANAGE, Uttarakhand.

TABLE 23: A
Budget proposed under Extension Reforms for the State Level Activities for 2009-10

A. State Nodal Cell
Name of the State: Nagaland
Number of ATMA districts: 11 (Eleven) **Number of blocks: 52 (Fifty two)**

Total Sr.No.	Activities	Total number of beneficiaries to be covered			No of Unit	Cost per Unit	Total fund required	Contribution from the Scheme	Benefici ary contribu tion	Contribute on from any other Scheme	SEWP 2008-09	Rs in Lakh
		Male	Female	Total								
A-1	Support to M&E Unit State Unit	-	-	11	-	2.10	Nil	-	2.10	Nil	Nil	Nil
	i) Six-monthly Review Workshop	60	40	100	2	0.50	2.00	1.00	-	1.40	1.00	1.00
	ii) RE interfaces (interfaces at training institutes/research stations)	100	50	150	6	0.50	-	Nil	-	3.00	Nil	1.00
	Third party M&E	-	-	-	11	-	10.00	4.00	-	-	4.00	2.00
	Expenses for IDWG & SNO contingencies/ developing SEWP/ biannual plan	-	-	-	2	-	4.00	1.00	-	3.10	1.00	4.10
A-2	Training Courses											
	i) National /Within State	150	100	250	-	National @650/day + TA/DA /State 500/day	6.00	3.00	-	0.736	3.00	3.736

A3	Exposure Visit of Extension Functionaries						
	I) Inter State		70	40	110	11	0.543/group
A-4	State Exhibitions						
	State level exhibition/Kisan mela/ Fruit/Veg Shows, etc.	10000	5000	15000	3	-	5.00
A-5	Krishi Expo and Regional Fares-						
	Participation in Krishi Expo organized by DAC	-	-	1	1.00	1.00	1.00
	Participation in Regional Fares supported by DAC	-	-	1	0.50	0.50	0.50
Total		-	-	-	-	-	-
A-6	Reward and Incentives Award for best performing ATMA	Annually - per district	2	-	2.00	1.00 per ATMA	-
A-7	Farmers Award	Per yr/farmer					
	a) State level	6	4	10	10	5.00 per state	5.00
	b) District level	70	40	110	110	2.50 per district	27.50
	Grand Total					71.10	24.75

(Rupees Seventy one lakh and ten thousand only)

Note : Beneficiary may be farm family/extension functionaries/private sector/NGOs

Dr. Supong Keitzar
State Nodal Officer
& Director of Agriculture

TABLE-24:A
SAMETI (2009-10)
Number of ATMA Districts: 11

Total Number of Blocks: 52 (Rs. 20 lakhs)									
Sl. No.	Activities	Total number of beneficiaries to be covered	No of Unit/activity	Cost per Unit/activity	Total fund required	Contribution from the GOI scheme	Beneficiary contribution from any other scheme	Contribution from any other scheme	SEWP 2008-09
		Male	Female	Total		As of 2008-09	State share 2008-09	Allocation 31/3/2008	Exp upto 31/3/2009
A.8 Recurring									
1	Operational Expenses and technical assistance consultancies, telephone and other contingencies. Office maintenance & honorariums	-	-	-	Per year	9.00	9.00	3.60	1.50
2	Documentation of Success Stories	-	-	-	annual	-	3.00	1.50	Nil
3	Hiring of Vehicle				Annually	-	3.00	1.50	1.50
B. Non-Recurring									
3	Maintenance and Furnishing of training Hall				One time	For repairing & replacement of furnishings	5.00	-	2.00
4	Equipments (one time)				One time	-	-	-	Nil
	Total:					-	20.00	6.60	**6.60
									10.10

** GOI funds spend was **6.60 lakh only. *State spend 3.50 lakh from state share

**TABLE 25: A
PROPOSED BUDGET FOR DISTRICT LEVEL ACTIVITIES (ATMAs) 2009-10**

Name of the State: NAGALAND

Number of ATMAs Districts: 11

**Total Number of Blocks -52
Proposed Budget = Rs 481.96 lakh
(Rs in lakh)**

B. District Level Activities	Sl. No.	Activity	Number of beneficiaries covered	Cost per Unit/ activity	Total Fund required	Contri- buti- on from the Scheme	Benefi- ciary contri- buti- on	Contribut- ion from any other scheme	SEWP 2008-09		
						Men	Women	Total	As of 2008-09 funding	Allocati- on	Exp upto 31/3/09
A. Farmer Oriented Activities											
B.1.		Developing SREP/DAPs/BAPs/ Biannual Plan	-	-	-	11	2.50	-	20.00	-	2.52
B.2.		Training of Farmers									20.00
a)		Interstate			11 dist	3.00 /dist	33.00	9.50	-	-	9.50
b)		Within State			52 block	0.75 /block	39.00	2.10	-	-	2.10
c)		Village Level/within district			-	4.00/bloc k or @Rs 0.085/ 25nos/3 days	-	12.00	-	-	12.00
		Total (approx)	3021	1929	4950	11 dist	72.00	23.60	-	-	23.60
											23.60

B.3.	Organizing Demonstrations (approx)	21000	11000	32000	52 blocks	3.00/dist /0.04/de mons	33.00	17.00	-	-	17.00	17.00
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B.4. Exposure visits of farmers

a)	Inter-State				3.00/dist	33.00	2.88	-	1.65	2.88	4.53
b)	Inter-District				52 blks	.075/bl	39.00	9.00	-	9.00	9.00
c)	Within district				11 dists	0.25/bl@ 100nos/tour	-	12.00		12.00	12.00
	Total (approx)	820	470	1320	11 dist		105.00	23.88	-	23.88	-

B.5. Mobilization of Farmers Groups

a)	Their Capacity building, skill development and support services	1363	2487	3850	550	0.05/group	27.50	10.625		10.625	10.625
b)	Seed money/ revolving funds	2000	3500	5500	0.10	revolving fund/group	27.50	10.625		10.625	10.625
B.6.	Rewards/ incentives to best organized groups representing different enterprises (5 groups)	-	-	-	55 groups	0.20 Per unit	11.00	10.25		10.25	Under process

B.7.	Farmers Award-5 farmers/ Block / year	-	-	280	52 blocks	0.10 /farmer	26.00	9.40	-	-	9.40	Under process
	Total						92.00					
	G.T of B- to B7						269.00					

II. Farm Information Dissemination

B-8	District level exhibition/ kisan melas/ fruit/vegetable shows	-	-	50000 (approx)	11	2.00	22.00	14.00	-	14.00	6.00
B.9	Farm Information Dissemination through printed leaflets, etc. and advertisement	-	-	-	11	2.00	22.00	7.20	-	7.20	7.20
B-10.	Development of technology package on electronic form to be shared through IT network	-	-	-	11	1.00	11.00	4.00	-	4.00	4.00
	Total						55.00	-			

B.III. Agricultural Technology Refinement, Validation and Adoption

B-11	Farmer- Scientist Interaction at District level (25 farmers for two days)	400	300	700	28	0.20/dist	5.60	2.80	-	1.10	2.80	2.80
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B-12	Organization Field Days and Kisan Gosties to strengthen R-E-Linkages (1 / block / season)	1700	1470	3170	11 dist	2.00/dist	22.00	7.00	-	7.00	7.00
B-13	Assessment, Refinement, Validation and Adoption of Frontline Technologies & Researchable issues through KV/Ks and other local Research Centers	-	-	-As per assessment of KV/K -	11 dist	2.00	22.00	10.50	-	10.50	10.50
Total											
B.IV. Administrative/Capital Expenses											
B-14. Establishment of ATMA like Institutions											
a)	Recurring										
(i)	TA/DA	-	-	-	11	1.00/dist	11.00	16.32	-	16.32	16.32
	Other operational Expenses including Workshops	-	-	-	11	2.00	22.00	2.25	2.40	2.25	2.25
	Other operational Expenses exclusively for block level	-	-	-	-	-	-	-	-	2.10	2.10
(ii)	Hiring of vehicles	-	-	-	11	1.00	11.00	2.25	-	-	0.121

b)	Non-Recurring				-			
	Equipment*	-	-	8(N)	4.00	-	32.00	-
	Civil works and refurnishing of ATMA office*	-	-	8(N)	2.00	-	16.00	-
B-15	Establishment of Block level Farm Information and Advisory Centres	-	-	11	1.30	-	9.10	-
B-16	FARM SCHOOL			14	0.49	6.86	6.34	0.60
	Total of B-14 to B-16				50.86			
C.	Innovative activities							
C.1.	State Level Activities							
C.2	Implementation of Extension activities through Agri Entrepreneurs trained under Agri-clinic schemes	To be approved by IDWG		0.25/unit		-	Nil	Nil
D.	Innovative activities-District level							
D.1	Support for District level training institutions (operational and non-recurring expenses)	-	-	-	11	2.50 per dist	27.50	7.50
							7.50	7.50

D.2.	Setting up CRS	To be decided	Per state 54.00	Nil	Nil	-	-	Nil	Nil
E. Other innovative activities									
E.I.	Innovative activity-state component	To be approved by IDWG	25.00/sta te	20.00	Nil	-	-	Nil	Nil
E.2.	Innovative activity-district component	To be recommended by ATMA & approved by IDWG	52 blk @0.50 i.e 28.00	10.00	Nil	-	-	Nil	Nil
	Total of C to E			37.50	7.50			7.50	7.50
	Total of ATMA funds released 2008-09					-	7.12	Rs 292.86 lakh	
	Actual released by GOI during 2008-09							Rs 270.36 lakh	
	Grand Total for 2009-10 proposed Budget (SNO/SAMETI/ATMA)			Rs 481.96 lakh					

(Rupees four hundred, eighty one lakh and ninety six thousand only)

N.B: 1.Rs 27.00 lakh State share 2008-09 of 10% contribution already released to Rs 270.36 lakh GOI funding actually provided from the Rs 292.86 lakh approved during 2008-09.

Dr. Supong Keitzar
State Nodal Officer
& Director of Agriculture

State Nodal Office
Nagaland, Kohima
E:mail: nasno_atma@sifys.com, agrilan@rediffmail.com

Table No. 26:A
Summary of budget proposed under Extension Reforms (ATMA) Scheme for the year 2009-10

Sl. No.	Proposed budget & Activity under component of	Total Fund required For 2009-10	Contribution from the Scheme (Tentative allocation 2009-10)	Beneficiary contribution	Contribution from any other scheme/State share (Rs. In lakhs)
1.	State Nodal Cell (Total of A1 toA7)	71.10	30.00		15.00
2.	SAMETI (Total A 8)	20.00	8.49	-	5.00
3.	ATMA at District Level (Total B1-B16)	(481.96)	(236.07)		10.00
3.1.	Farmer oriented activities	269.00	145.07	-	
3.2.	Farm Information Dissemination	55.00	77.00	-	
3.3.	Agricultural Technology, Refinement & Validation	49.60	-do-	-	
3.4.	Administrative expenses	50.86	14.00	-	
3.5.	Innovative activities (C1-E2)	57.50	-	-	
	T O T A L	573.06	274.56	Nil	30.00

(Rupees five hundred seventy three and six lakhs only)

Dr. Supong Keitzar
State Nodal Officer
& Director of Agriculture

PHOTO SECTION

STATE LEVEL ACTIVITIES



Rice Festival Dec. 2007



Rice Festival Dec. 2007



State Level Exhibition Jan. 2009



State Level Exhibition Jan. 2009



Agriculture Stall



Inaugural by. Hon'ble CM Nagaland



State Level Exhibition Jan. 2009



Agricultural Officer's Conference 2009



ATMA Orientation SAMETI



SREP Orientation Green Park



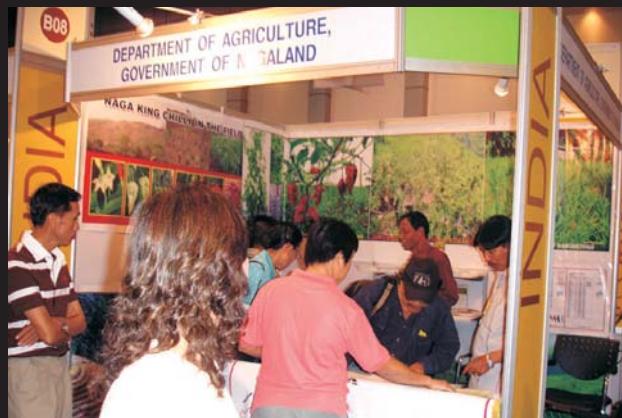
IDWG & Interface, SASRD, Medz.



Review Workshop SAMETI.



Singapore Expo 2007



Bangkok Expo 2008



Kerala Agri Business Feb. 2009



Singapore Expo Aug. 2008

KOHIMA ATMA



Rabies Vaccination, Nov. 2008



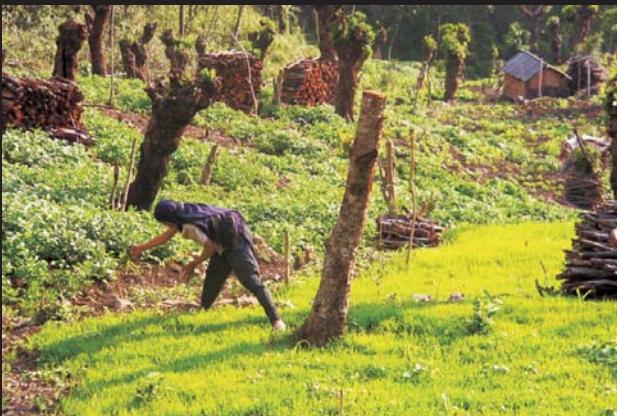
PD, ATMA PPP. With DPB.



Rabies Vaccination, Jakhama



Rabies Vaccination, Jakhama



Demonstration Plot



Year of Potato Khuzama Oct. 2008



Orientation & ATMA Review Meet



Southern Angami Potato Farmers Seminar

DIMAPUR ATMA



Independence Day 2008



Republic Day VIP Visit 2009



Cabbage Demonstration



Mustard Demonstration



Power Tiller Demonstration



Expo Stall 2008

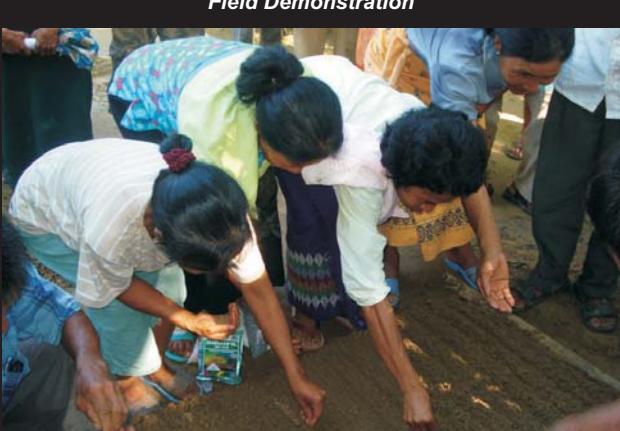
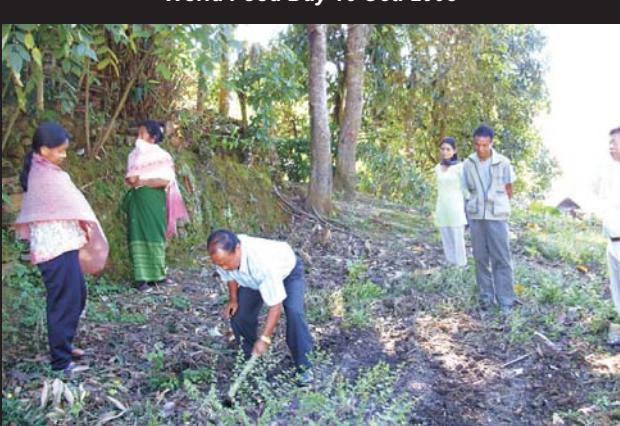


BTT Training on Bamboo

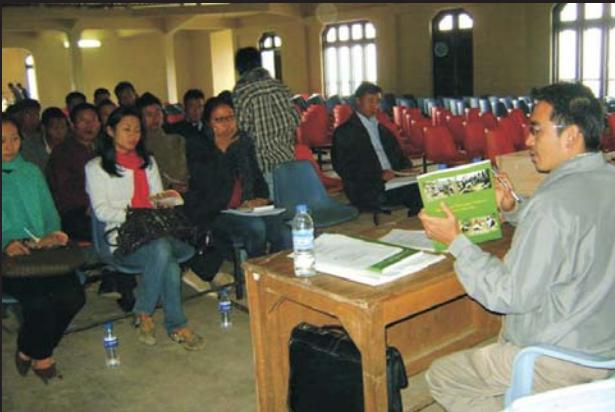


Expo Stall 2008

MOKOKCHUNG ATMA



TUENSANG ATMA



ATMA Sensitisation Programme



Farmer-Scientist Interaction



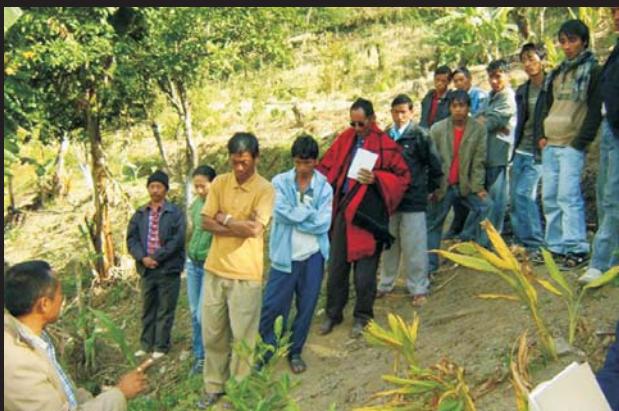
Farms School



Soil Demonstration



Fishery Demonstration



Horti. Demonstration



Land Resources Demonstration



Sericulture Demonstration

MON ATMA



SREP Release



Republic Day VIP Visit



ATMA Stall Republic 2009



Farmers Mela Dec. 2008



Farmers Scientist Interface



Tea Demonstration



BTT & Farmers Meeting



BTT Meeting

KIPHIRE & LONGLENG ATMA



ATMA Meeting (Kipheri)



ATMA Sensitization (Kipheri)



Banana Demonstration (Kipheri)



Fishery Demonstration (Kipheri)



ATMA Office (Longleng)



ATMA Farmers Field Day (Longleng)



Rice Cum Paddy Cunture (Longleng)



Farmers Scientist Interaction (Longleng)

ZUNHEBOTO & PHEK ATMA



BTT Demonstration (Zunheboto)



Soil Conservation Jhum (Zunheboto)



Paddy Threshing Demo. (Zunheboto)



Induced Breeding Demo. (Zunheboto)



Field Day (Phek)



Line Sowing Demonstration (Phek)



Cabbage Demonstration (Phek)

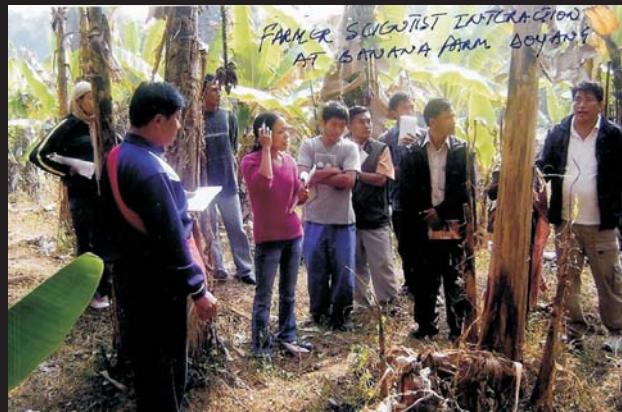


Potato Demonstration (Phek)

WOKHA & PEREN ATMA



Farm School (Wokha)



Farmers Scientist Interaction (Wokha)



Soil Conservation Measure (Wokha)



PD Office(Wokha)



Power Tiller Demonstration (Peren)



Naga Chilli Exhibit (Peren)



Sericulture Demonstration (Peren)



Republic Day ATMA Stall (Peren)

**BI-ANNUAL
STATE EXTENSION WORK PLAN
(SEWP)**

PLAN PERIOD 20010-11

NUMBER OF BLOCKS = 4(FOUR)

TABLE-1.B

PROPOSED DISTRICT ACTION PLAN, STRATEGY, THRUST AREA AND EXTENSION ACTIVITY PLAN PERIOD: 2010-2011

Name of the enterprise	Strategies proposed for extension	Extension			Relevance to the AES	
		Thrust area	Activity proposed		AES-I	AES-II
1	2	3	4		5	6
1. Agriculture						
a) Paddy (Irrigated)	To increase production & productivity of paddy	- Adoption of improved technology - Adoption of IPM methods - Adoption of INM measures and farm mechanization - Water management - Promotion of HYV local varieties	- Procurement of good quality HYV seeds - Trials and demonstration - Use of Power Tillers - Research trials & demonstration		Y	Y
b) Jhum Paddy	Intensification and technology adoption under rainfed situation.				-	Y
c) Potato	1. Productivity improvement. 2. To reduce post harvest loses	- Segregation of varieties in use - Curing of potatoes	- Research identification - Training and demonstration		Y	Y
d) Oilseeds (Sunflower, Sesamum, Groundnut)	To increase the production	- Promotion of HYV sunflower, Sesamum, Groundnut suitable for altitude above 1000 MSL - Adoption of IPM - IPM & INM - Weed control - Optimum time of sowing & harvesting	- Vermi compost - Bio-fertilizer - Bio-agents - Trials & demonstration - Identification		Y	Y

f) Soyabean	To increase the productivity & production	<ul style="list-style-type: none"> - Promotion of HYV - Adoption of IPM - Adoption of INM - Weed management - Timely sowing & harvesting 	<ul style="list-style-type: none"> - Exposure trips - Exhibition 	Y	Y
g) Farm machineries	Use of improved farm mechanized tools and local tools and implements promotion	<ul style="list-style-type: none"> - Promotion of use of improved far tools & machineries like Power Tiller, Tractors, Weeder, Seed driller etc. - Promotion in production of indigenous tools & implements. - To increase efficacy in sowing, hoeing, weeding, intercultural operation, insect pest control tools etc. 	<ul style="list-style-type: none"> - Demonstration training at Block level - Production of indigenous tools by FIG's expert - Demonstration training on use of tools and implements 	Y	Y
h) Organic farming	To promote organic farming for a selected crops	<ul style="list-style-type: none"> - Undertaking organic production for sticky rice, Brown rice - Organic farming for pulses - Organic certification and adoption of ICS etc. 	<ul style="list-style-type: none"> - Farmers trainings - Identification of areas - Identification of FIG's Farmers - Demonstration and Trials, farm establishment 	Y	Y
2. Horticulture					
i). Ginger	1.To increase the productivity 2.To reduce post harvest losses	<ul style="list-style-type: none"> - Seed treatment - Timely and proper harvesting 	<ul style="list-style-type: none"> - Training - Demonstration 	Y	Y
ii) Large cardamom	Organic production of large Cardamom capsule	<ul style="list-style-type: none"> - Promotion of organic farming - Promotion of IPM - Improvement of drying processes - Undertaking organic certification - Promoting a Kisan nursery - Research need of Cardamom decline - Market survey 	<ul style="list-style-type: none"> - Farmers training - Establishment of more Kisan nursery - Research works for Cardamom decline - Exposure trips - Market linkages 	Y	Y

iii) Orchards	To increase production of temperate fruits in the district by overcoming technology gaps	- Promotion of organic farming - Promotion of hybrid varieties - Promotion of processing units - Production and marketing - Identify quality planting materials	- Farmers training - Market support - Research works	Y Y Y
3. Soil & Water Conservation				
a) Natural resource development	1. Water resource not harnessed, thereby drought like situation is a common occurrence during dry spell 2. Traditional farming system i.e. Jhuming plays a major role in jeopardizing the ecological balance 3. In-situ top soil conservation	- Improved soil conservation measures - Promotion of cover crops for soil conservation - Promotion of composting of soil fertility replenishment - Promotion of hedge crops - Fallow land management - Alder based Jhuming- a sustainable agricultural farming approach - Harnessing the water resource	- Education campaign by way of interaction, distribution of printed literatures, exposure trips - Motivation through Ghostis - Extensive workshop and field demonstration - Farmers training at project level - Trials & demonstration of cover crops/ GM/ Hedges. - Awareness/ Trainings/ Exposure trips	Y Y Y Y Y Y Y
b) Soil test	Testing of NPK & micro nutrients	- Soil fertility status - Soil map of villages for farmers guide - Fertilizer recommendation	- Soil sample collection & analysis - Mapping - Documentation	Y Y Y
4. Sericulture				
Mulberry/Eri silk worm	1. Production of quality and quantity of cocoons 2. Control of diseases & pest on plant & silkworms	- Development of good seed (Egg) production centres - To activate handloom activities in the district. - Proper rearing & spinning - Introduction of motorized spinning machine - Promotion of IPM/INM in host plant cultivation.	- Farmers training - Demonstration - Awareness programme - Exposure trips to advanced areas (Assam/ West Bengal)	Y Y Y Y Y

5. Land Resources Development	Indigenous medicinal plants Preservation and promotion of local medicinal plants of commercial value	- Establishing forums for practitioners of local medicinal plants - Encourage cultivation of local medicinal plants for market	- Training on identification, propagation and of indigenous medicinal plants - Training on proper use, experience sharing by local practitioners	Y Y
3. Agro-forestry	Identification & diversification of MAP and species crop	- Encourage FIGs & SHGs.	- Training on mixed cropping	Y Y
6. Fishery				
a) Intensification	1. To increase productivity of fish production 2. Disease free finger ling production 3. Paddy cum fish culture- a popular fish production of the district	- Renovation of available tanks in the village - Water management - Selection of suitable species - Brooder fish pond management	- Farmers training at village & Block level & demonstration - Awareness & Exposure trips - Brooder fish pond improvement/ renovation	Y Y Y
7. Veterinary & Animal Husbandry				
a) Cow	i).To increase milk production of Cow ii).Health care & management	- Breed up gradation through A.I. - Improve knowledge about animal health and hygiene - Improving general management practices	- Training of farmers at village level - Health care camps & introduce A.I. - Exposure trips	Y Y Y
b) Pig	To increase productivity	- Breed up gradation by cross breed - Improving fodder & feed management - Improving general management practices	- Trainings & Demonstrations - Health care camps - Exposure visits	Y Y Y

a) Poultry	For increased production of eggs and meat	- Encouraging commercial poultry farming - Improving general management practices	- Farmers trainings & demonstration - Exposure visits	Y Y	Y Y
8. Private-Private partnership					
	1. Promotion of private-private partnership in increasing production of livestock & poultry	- Increase the production of livestock & poultry - Establishing buy back system	- Linkage between farmers & reputed hatcheries/ Livestock - Inviting private companies - Formation of CIG/ FIG - Motivation through exposure - Awareness through media	Y Y Y Y Y	Y Y Y Y Y
	2. To promote private-private for marketing of organically grown products of market demand	- To fetch higher economic return for farmers	- Invite private companies and buyers - Publicity through media like T.V, internet (Website) - Participate in Exhibitions & - Trade fairs	Y Y Y Y	Y Y Y Y
	3. Strengthening APMC	- Regular monitoring and supervision from Govt. encouraging farmers involvement, financial support from Govt. etc.	- Timely meeting of APMC - Motivating farmers for involvement - Constant contact with Govt. agencies - Creation of corpus fund	Y Y Y Y	Y Y Y Y

	4. Promotion of private-private partnership in increasing production of cocoon, Yarn, silk fabric	- Introduction of high yielding variety - Encourage SHGs	- Exhibitions - Linkage between yarn producers and weavers	Y Y
9. Public private partnership				
	Strengthening the existing dairy federation by formation of more milk unions and increasing their activities	- Increasing the membership of milk unions	- Motivation - Exposure trips	Y Y

TABLE-2.B
NUMBER OF BLOCKS = 6(SIX)

PROPOSED DISTRICT ACTION PLAN, STRATEGY, THRUST AREA AND EXTENSION ACTIVITY PLAN PERIOD: 2010-2011

I. TRAINING AND DEMONSTRATIONS

SI No	Enterprise	Thrust Area	Activity	Unit (Training in mandays; Demonstration in no)					Total
				Ctn	Kblg	Lgcm	Mba	Ongp (North)	
1	2	3	4	6	7	8	9	10	11
A	AGRICULTURE								12
1	Jhum Paddy	- Promotion of HYV - Production of quality seeds - Adoption of improved technology - Adoption of IPM - Adoption of INM	Training	50	50	25	25	25	- 200
2	TRC Paddy	- Promotion of HYV - Adoption of improved technology - Adoption of IPM - Adoption of INM - Farm mechanization - Water management	Training	100	-	50	75	25	75 350
3	Maize	- Promotion of HYV - Adoption of improved technology - Adoption of IPM - Adoption of INM	Training	25	25	25	25	50	50 200
		Demonstration		5	4	3	4	4	5 25

4	Pulses	- Adoption of improved technology - Adoption of IPM - Adoption of INM	Training Demonstration	25 5	25 2	50 2	50 2	25 4	- -	200 15
5	Oilseeds	- Promotion of HYV - Adoption of improved technology - Adoption of IPM - Adoption of INM	Training Demonstration	50 6	25 2	50 4	75 6	50 4	- -	250 22
6	Tapioca	- Promotion of HYV - Adoption of improved technology - Adoption of IPM - Adoption of INM - Post harvest management	Training Demonstration	50 6	25 3	25 4	50 6	100 6	75 5	325 30
7	Potato	- Promotion of HYV - Adoption of improved technology - Adoption of IPM - Adoption of INM	Training Demonstration	- -	50 2	25 2	25 4	- -	- -	100 8
8	Ginger	- Adoption of improved technology - Post harvest technology	Training Demonstration	- -	25 2	25 2	50 4	- -	- -	100 8
9	Tea	- Promotion of HYV - Adoption of improved technology - Adoption of IPM - Adoption of INM	Training Demonstration	50 5	- -	50 2	25 2	25 4	- -	150 9

B HORTICULTURE								
1	Passion fruit	- Proper seed selection and planting - Package of practices - Organic cultivation	Training	-	25	50	-	25
2	Banana	- Proper sucker selection and treatment - Maintain plant density per unit area. - Proper cultural practices - Post harvest management - Adoption of IPM & INM methods	Demonstration Training	- 50	2 25	25 50	- 75	5 75
C	VETY & ANIMAL HUSBANDRY							
1	Cattle	- Breed up gradation through AI - Improving feed & fodder management - Improving health care - Improving general management	Training	25	25	50	-	25
2	Piggery	- Improving feed & fodder management - Improving health care & management - Breed up gradation through graded boar - identifying of suitable breeds of up gradation of non-descriptive local strain	Demonstration Training	5 100	2 25	50 50	150 25	12 3 400

D	LAND RESOURCES									
	1	Patchouli , Lemongrass & Jatropha*	- Introduction of pest/disease resistant varieties	Training	75	25	50	25	100	25
3	Poultry	- Improving feed management - Improving health care - Improving backyard poultry farming - Commercial farming - Identifying virus strains	Training							
1	Indigenous medicinal plants	- Identification & documentation - Establishment of forum for practitioner of local MAP - Encourage cultivation of economically viable local varieties	Demonstration	5	2	2	3	4	4	20
E SOIL & WATER CONSERVATION										
1	Natural resource management	- Low cost technology on erosion control and water harvesting structure. - Land development in rolling & undulating terrain - Soil reclamation. - Cover crop - Water harvesting	Training	25	25	25	25	50	75	225
1	Demonstration									

F SERICULTURE									
1 Sericulture		<ul style="list-style-type: none"> - Promotion of sericulture enterprise - Development of good seeds production centre - Awareness on the prospects and potential of sericulture 		Training	25	25	25	25	150
		<ul style="list-style-type: none"> - Awareness on the prospects and potential of sericulture 		Demonstration	5	1	1	2	14
G FISHERY									
1 Fishery		<ul style="list-style-type: none"> - Improving general management - Hatchery management and breeding - Preparation and management of ponds - Generating awareness on technology of producing commercial fish seeds - Awareness 		Training	50	25	25	50	75
		<ul style="list-style-type: none"> - Generating awareness on technology of producing commercial fish seeds - Awareness 		Demonstration	7	1	1	2	250
2 Others		<ul style="list-style-type: none"> - Proper hatchery management - Encourage riverine fish farming - Ornamental fish farming 		Training	-	25	-	-	18
		<ul style="list-style-type: none"> - Encourage riverine fish farming - Ornamental fish farming 		Demonstration	-	2	-	-	7
H OTHERS		<ul style="list-style-type: none"> - Adoption of improved technology & post harvest management 		Training	25	25	25	25	125
H 1 Apiculture									

DISTRICT: DIMAPUR ATMA**PROPOSED DISTRICT ACTION PLAN, STRATEGY, THRUST AREA AND ACTIVITY FOR EXTENSION 2010-11****TABLE 3: B****NUMBER OF BLOCKS = 04 (FOUR)**

Sl. No	Strategies proposed	Thrust Area for extension	Short term research need	Activities proposed Extension Research	Number of units		Amount (Rs. In Lakhs)
					2010-11	2010-11	
1.	AGRICULTURE a) Productivity improvement by intensification & technology adoption in Paddy	- Promotion of HYV - Adoption of IPM & INM methods - Promotion of irrigation facility - Farm mechanization	- Post harvest technology - Varietal selection	- Awareness campaign for more usage of HYV - Training/ Demonstration & Training/ - Shallow tube well - Exposure trips	On field trials Selection of suitable varieties	10 02	2.50
	b) To enhance production & productivity of maize	- Intercropping - Seed treatment - Pest/disease management - Adoption of improved technology	FLD & trials	- Creating awareness - Organize demonstration - farmers training programme - Exposure trips	FLD & trials	05 01	1.00
	c) To promote Mustard cultivation	- Promotion of HYV Mustard - Adoption of IPM/ INM	On farm trials	- Awareness campaign & exposure trips - Demonstrations	- Farm trials practices through FFS	06 01	1.6

2.	HORTICULTURE a) To promote pineapple production	1. To increase the productivity 2. To reduce post-harvest losses	- Ideal time of planting & harvesting Developing local packaging materials - Timely desuckering	- Correct planting methods and system - Demonstration and farmers training - Desuckering - IPM & INM practice - Exposure trip	Ideal time of planting & harvesting Value addition	04	01
	b) Banana	1. To increase the productivity 2. To reduce post-harvest losses	More plant density & correct planting methods Harvesting at correct stage	- Demonstration and farmers training - Desuckering - IPM & INM practice - Exposure trip	Processing & value addition	06	02
	c) Promotion of Vegetable cultivation	1. To increase the productivity 2. To reduce post-harvest losses	Harvesting stage for market proper sorting, grading & packaging	- Timely sowing/planting - Biological control of insects and pest - Vermi composting - INM practice - Training - Demonstration - Exposure visit	On farm trials & selection of suitable varieties for recommendation	07	03
	LAND RESOURCES To promote Medicinal & Aromatic Plants	- Establishing a forum for local medicinal plants practitioners - Encourage cultivation of economically viable local varieties	Identify high yielder & GAP for local situation.	- Farmers training on package of practices - Farm Demonstration - Exposure Trips - Facilitating market linkages for farmers	Identify high yielder & GAP for local situation	04	01

3	SOIL AND WATER CONSERVATION. a)To promote Natural Resources Development	- Management of soil erosion - Water harvesting structure. - in-situ top soil cultivation.	Develop soil conservation methods using local techniques	- Awareness campaign, motivational workshops, trainings	Low cost indigenous conservation techniques	03 01	01 0.80
	b)Soil test	- Encourage farmers to soil sampling	Develop soil map, Fertilizer recommendation.	- Sample collection methods & soil kit use - Training & demonstration	Develop soil map, Fertilizer recommendation.	02 01	01 0.80
	FISHERIES a) Intensification of fish production	- Paddy cum fish culture. - Expansion of composite pesciculture. - Promote disease free fingerling production	Technology for fish seed production management	- Farmers training & demonstration. - Health care management	Technology for fish seed production & management.	04 01	01 1.00
	b)Introduction of prawn culture & production technology	- Farmers training & demonstration	Transfer of technology	- Awareness campaigns - Demonstration - Training - Exposure visit	Transfer of technology	03 -	1.20
5.	SERICULTURE a) To increase cocoon production b)To promote quality silk	- Introduction of correct methods of planting host plants - Introducing High yielding variety	Selection of high yielder. Developing technologies for local conditions	- Training - Demonstration - Exposure visit to advance area (Assam/ W.Bengal). - Awareness programme	Selection of high yielder. Developing technologies for local conditions	04 01	1.20

6	VET. & A.H a) Production of milk and meat	- To increase meat productivity in cow, poultry & pig.	Selection of breeds for meat production. Developing technology for local conditions	- Health care and management. - Breed upgradation through AI - Demonstration - Training - Exposure visit	Selection of breeds for meat production. Developing technology for local conditions	04 01	1.80
	Promotion of Poultry farming	- To increase egg production - To increase meat production	Selection of breeds for meat & egg production. Developing technology for local conditions	- Encourage improvement of backyard poultry with Kuroiler etc. - Encouraging commercial poultry farming - Improving Feed management - Improving General management practices	Selection of breeds for meat & egg production. Developing technology for local conditions	06 02	2.50

Total = Rs 25.90 lakh
(Rupees twenty five lakh ninety thousand only)

TABLE 4.B
NUMBER OF BLOCK = 6(SIX)

DISTRICT ACTION PLAN FOR STRATEGIES/THRUST AREAS FOR EXTENSION & RESEARCH PLAN PERIOD: 2010-11

Sl. No	Strategies proposed	Thrust Area for extension	Short term research need	Activities proposed Extension Research	Number of units		Amount (Rs. In Lakhs)
					Extension	Research	
					2010-11	2010-11	2010-11
1.	AGRICULTURE a) Productivity improvement by intensification & technology adoption under rainfed situation.	- Promotion of improved local varieties	- Identification of good quality seeds. - Promotion of indigenous technologies	- Farmers training - Awareness campaign - Exposure tour	03	01	1.20
	b) To increase productivity & production of TRC/WRC paddy	- Promotion of HYV for higher altitude. - Adoption of IPM/INM water management	- GAP for improving production.	- Demonstration - Training	02	01	0.80
	c) To enhance production & productivity of maize	- Promote HYV - Intercropping	- Introduce good quality & location specific varieties	- FFS/demonstration & Exposure visits	02	01	0.60

2.	HORTICULTURE a) To promote vegetable cultivation	- To increase production by adoption of good package of practices	- To identify suitable & good quality seeds	- Training, Exposure trips & Exhibition	- To identify high yielding/good quality seeds	02	01 0.80
	b) To promote passion fruit cultivation	- Productivity improvement by overcoming technology gap	- Processing & value addition	- Demonstration, farmers training & exposure trip	- Processing & value addition	02	01 0.60
3	LAND RESOURCES a) To promote Medicinal & Aromatic Plants	- Promotion of MAP	- Identify high yielder & GAP for local situation.	- Training & demonstration. Exposure trip	- Identify high yielder & GAP for local situation	03	01 0.80
4	SOIL AND WATER CONSERVATION. a) To promote Natural Resources Development	- Management of soil erosion in shifting cultivation - Water harvesting structure. - in-situ top soil cultivation.	- Develop soil conservation methods using local techniques	- Awareness campaign, motivational workshops, trainings	- Low cost indigenous conservation techniques	02	01 0.80

	b) Soil test	- Promote soil sampling methods - Fertilizer recommendation	- Develop soil map, - Fertilizer recommendation	- Sample collection methods, - Mapping, - Documentation.	- Develop soil map, - Fertilizer recommendation.	01	01	0.60
5.	FISHERIES a) Intensification of fish production	- Paddy cum fish culture. - Expansion of composite pisciculture. - Promote disease free fingerling production	- Technology for fish seed production and management. - Brooder fish pond management & technology for fish seed production	- Farmers training & demonstration. - Health care management	- Technology for fish seed production & management. - Brooder fish pond management. - Technology for fish seed production	02	01	0.80
6	SERICULTURE a) To promote silkworm cultivation for higher economic returns	- To promote production of quality & quantity of cocoons. - Control of diseases, pest on plant & silkworms.	- Selection of high yielders. - Developing technologies for local conditions	- Farmers training & demonstration. - Awareness programme. - Health care and management	- Selection of high yielder. - Developing technologies for local conditions	03	01	0.80

7	VET. & A.H a) Production of milk and meat	<ul style="list-style-type: none"> - To increase meat productivity in cow, poultry & pig. - To increase egg production 	<ul style="list-style-type: none"> - Selection of good breed for meat & egg production. - Developing technology for local conditions 	<ul style="list-style-type: none"> - Health care and management. - Breed upgradation through AI 	<ul style="list-style-type: none"> - Selection of good breed for meat & egg production. - Developing technology for local conditions 	02	01	0.80
Total = Rs 8.60 lakh <i>(Rupees eight lakh sixty thousand only)</i>								

TABLE 5.B**NUMBER OF BLOCK=5(FIVE)**

DISTRICT ACTION PLAN FOR STRATEGIES THRUST AREAS FOR EXTENSION & RESEARCH
PLAN: 2010-11

Sl. No	Strategies proposed	Thrust area for Extension	Short term Research need	Activities proposed		Number of units Extensi on	Resear ch	Amount (Rs. In lakhs)
				Extension	Research			
1.	AGRICULTURE	3	4	5	6	7	8	9
1.	1. Paddy: To increase Production & Productivity of paddy	- Promotion of HYV & Hybrid - Adoption of IPM /INM/seed treatment - Farm Mechanization	- Short duration, & resistance varieties	- Awareness campaign - Training - Exposure tours - Exhibition - Bio-fertilizers	- Location specific trails, demonstration	06	3	2.20
2.	Maize: To increase & productivity of Maize and value addition	- Promote HYV & Hybrid Maize - PHM	- Introduce good quality and suitable varieties - To study cost-benefit ratio for higher economic return	- Training & capacity building - Trials & demonstration		03	03	1.20
2.	HORTICULTURE	- To increase production by adoption of good package of practices	- To identify suitable and good quality seeds for organic production & lowland areas.	- Training, exposure visits, exhibition & melas		03	03	1.20

3. SOIL & WATER CONSERVATION Natural Resource Development	- Management of soil fertility - in-situ top soil conservation, - FYM and production of organic manure (vermi-compost)	- Soil fertility test - Harnessing water resources	- Awareness campaign, exposure trips, workshops, trails, trainings documentation	- Soil fertility test - Low cost indigenous conservation	04	03	1.50	
4. SERICULTURE Mulberry /Eri silk worm- Increase in production of quality leaves Control of insect pest in plants and silkworms	- Create awareness quality leaves and cocoon	- Develop technologies for local conditions for increasing production and quality cocoons - Introduce good agronomic practices and quality culturing	- Promote use of Motorized spinning machine and shuttle loom - Training & exposure visits - Demonstration	- Suitable varieties of mulberry and other plants	06	03	1.40	
5. LAND RESOURCE 1. Patchouli, Geranium & Lemon grass: Increase production, productivity 2. Indigenous medicinal plant: Preservation & promotion of indigenous plant varieties	- Create awareness on patchouli, geranium & lemon grass cultivation - Awareness campaign	- Identification & documentation and development of suitable P& P/technology - Identify high value low volume medicinal plants for commercialization - Documentation	- T/D/exposure tours - Training & demonstration - Exposure visits	- Identification & documentation and development of suitable P& P/technology - Identify high value low volume medicinal plants for commercialization	06	03	1.30	

6. FISHERIES 1. Fish: To increase productivity of fish To overcome oxygen depletion in pond water	- Create awareness on fish production & management	- Technology for fish seed production and management	- Manuring of ponds - Feeding rate & schedule	- Develop local Technology for fish seed production and management	04	03	1.40
7. VETERINARY & ANIMAL HUSBANDRY 1. Cow & Buffalo To increase milk meat production	- Create awareness on Management - Feed and fodder - Vaccination	- Breed up gradation - Quality feed development	- Develop awareness on management aspects and health care - Promote hygienic production process	- Training of farmers - Vaccine & Animal health - Introduction of AI	06	03	1.50
2. Pig To increase production	- Create awareness on meat production - Breed type - Vaccination schedule	- Develop management aspects and health care	- Breed upgradation by cross breeding - Improving feeds & fodder - Improving Health care	- Training of farmers - Vaccine & Animal health	06	03	1.50

Rs 15.00 lakh
(Rupees fifteen lakh only)

**DISTRICT: TUENSANG ATMA
DISTRICT ACTION PLAN FOR STRATEGIES, THRUST AREAS FOR EXTENSION RESEARCH** NUMBER OF BLOCK = 8(EIGHT)
2010-11

Sl. No.	Strategies proposed	Thrust area for Extension	Short term Research need	Activities proposed		Number of units Extension	Number of units Research	Amount (Rs. In lakhs)
				Extension	Research			
1	2	3	4	5	6	7	8	9
A. AGRICULTURE								
1.	To increase Production & Productivity paddy	Promotion of HYV seeds Adoption of improved technology	Identification of Good quality seeds, Selection of Pest & disease resistant varieties	Training Exposure tour Awareness campaign Linkage with input agents	Farm trails, demonstration Location specific trials	06	03	1.00
2.	To increase production & productivity of Maize	Promote HYV & Hybrid Maize Adoption of improved cultivation practice Pest & disease management	location specific varieties selection	Training & Exposure visits Awareness campaign	FLD Trials & demonstration Selection for higher yield	05	03	0.90
3.	To promote cultivation of organic Kholar (French bean)	Create awareness on scientific bookkeeping and management of organic farms IPM/INM PHM	Planting time for seed and green vegetable Selection of suitable varieties with higher yield for marketing	Exposure visit On PHM, packaging & Organic management Trainings	PHM Storage & keeping quality	03	03	0.70

B. HORTICULTURE	1. To promote Vegetable (cabbage & potato)	- Technologies to increase production - To reduce harvest losses - Marketing linkage	- To identify suitable and good quality seeds for hilly areas - Develop biological control, measures - Proper storage methods	- Training, exposure visits, exhibition - Formation of FOs	- To identify suitable and quality planting materials - Develop technologies using local knowledge	04	03	1.00
2. To promote orange cultivation	To reduce post harvest losses	- Correct planting methods - Training & pruning - PHM	- Low cost technologies for small & marginal farms - Indigenous technologies for storage	- Demonstration, Training, exposure visits, Linkage with input agents & market accessibility	- To identify suitable variety for increasing production - Disease & pest documentation	03	03	1.20
3. To increase Banana productivity	To reduce post harvest losses	- Develop GAP for hilly region	- High density planting system - Contour & half moon terrace adoption - De-suckering practices - Correct state of harvesting for market	- Exposure visits - Training - Linkage with input dealers	- Control measures - Storage systems & proper management aspects	04	04	1.20

C. SOIL & WATER CONSERVATION							
1. To promote awareness in Natural Resource conservation	- soil conservation measures - Reclamation of degraded land	- Develop soil conservation methods using local techniques - Harness potential water resources	- Awareness campaign, motivational workshops, trainings - Maintenance of WHP/Farm ponds to arrest run-offs	- Low cost indigenous conservation techniques	03	03	1.20
D. SERICULTURE							
1. To increase quantity & improve quality of silk worm food(leaves)	Introduce correct planting methods, HYV	Introduce good agro-techniques	- Training & exposure visits - Demonstration Awareness	- Develop suitable hybrids for host plant & worms	02	02	0.80
E. LAND RESOURCES DEVELOPMENT							
1. To increase production & productivity of lemon grass	- Adoption of IPM, HYV, Weed management & PHM	- Develop suitable P & P for local conditions	- Training & demonstration on agro-techniques,	- Identification & documentation of Indigenous Species & culture techniques	02	02	0.80
2. To promote Apiculture	- Introduction of Modern Bee Keeping	- Exposure visits					

F. FISHERIES						
1. To promote Fish production	<ul style="list-style-type: none"> - Stocking size & numbers - Disease management practices - Netting - Manuring management 	<ul style="list-style-type: none"> - Feeding /Manuring for various fish species 	<ul style="list-style-type: none"> - and Feeding rate & schedule 	<ul style="list-style-type: none"> - To overcome oxygen depletion in ponds - Local management of feeding rate & schedule 	03	02
					0.90	
G. VETERINARY & ANIMAL HUSBANDRY						
1. <u>Mithun:</u> Promote productivity	<ul style="list-style-type: none"> - Feed & fodder management - Health care - Improve general management practices 	<ul style="list-style-type: none"> - Develop management aspects and health care 	<ul style="list-style-type: none"> - Training of farmers 	<ul style="list-style-type: none"> - Health care campaigns - Exposure visits 	<ul style="list-style-type: none"> - Feed & fodder management - Develop general management practices 	03 02 1.00
2. <u>Pig:</u> To increase productivity	<ul style="list-style-type: none"> - Training of farmers - Vaccine & health care camps 	<ul style="list-style-type: none"> - Breed improvement through graded boar 	<ul style="list-style-type: none"> - Awareness campaigns - Demonstrations - Health care 	<ul style="list-style-type: none"> - Breed up gradation by cross breeding - Improving feeds & fodder 	03 02 1.00	

Rs 11.70 lakh
(Rupees Eleven lakh seventy thousand)

**DISTRICT: LONGLENG ATMA
DISTRICT ACTION PLAN FOR STRATEGIES THRUST AREAS FOR EXTENSION & RESEARCH PLAN PERIOD: 2010-11
NUMBER OF BLOCK= 2(TWO)**

Sl. No	Strategies proposed	Thrust area for Extension	Short term Research need	Activities proposed		Number of units Extension	Research	Amount (Rs. In lakhs)
				Extension	Research			
1	2	3	4	5	6	7	8	9
1. AGRICULTURE								
1.	To adopt improved technologies & promote technical practices	Orientation Courses on ATMA policy programmes Dissemination of technologies	Identification of Good quality seeds and location specific varieties	Training Orientation & Exposure tour Management, M & E courses	Farm trials, demonstration	03	01	0.70
2. HORTICULTURE								
1.	To promote Vegetable cultivation	Orientation on new extension programme Adoption of GAP Impart improved farming practices	To identify suitable and good quality seeds and planting materials Correct planting method & optimum sowing season	Training, exposure visits, exhibition	To identify suitable and quality planting materials	02	01	0.60
3. SOIL & WATER CONSERVATION								
1.	To promote Natural Resource Development	Orientation at all levels on new policy Promote conservation measures	Develop soil conservation methods using local techniques	Capacity building, campaign, trainings	Identify local conservation measures for adoption	03	01	0.60

4. SERICULTURE	1. To promote Mulberry /Eri silk worm cultivation	Create awareness on sericulture farming	- Identify suitable cocoon species and plant for local conditions	- Awareness campaign, trainings, Exposure visits	- Low cost indigenous techniques	03	03	1.20
5. LAND RESOURCE DEVELOPMENT								
1. To promote - Preservation of indigenous MAP varieties of high economic value Agro forestry management	- Create awareness Medicinal plants - Promote effective farm management methods	- Documentation of local MAP & identification - To identify local economically viable trees	- Orientation & capacity building trainings & Exposure visits	- Develop production technologies for high value medicinal plants - Disease & pest management module	03	02	0.80	
6. FISHERIES								
1. To promote Fish farming	- Create awareness on good fishlings and management	- Technology for fish seed production and management	- Manuring and Feeding rate & schedule	- Study for low cost fish culture	03	03	1.20	
7. VETINERARY & ANIMAL HUSBANDRY								
1. Pig: To promote pig management and commercial piggy unit	- Create awareness on hygienic management	- Develop management aspects and health care	- Breed up gradation by cross breeding	- Training of farmers - Exposure tour	03	03	1.20	
								Rs 9.30 lakh <i>(Rupees Nine lakh thirty thousand only)</i>

DISTRICT: KIPHIKE ATMA**TABLE 8:B**

NUMBER OF BLOCK = 3(THREE)

DISTRICT ACTION PLAN FOR STRATEGIES THRUST AREAS FOR EXTENSION, & RESEARCH SCHEME

PLAN PERIOD: 2010-11

Sl. No	Strategies proposed	Thrust area for Extension	Short term Research need	Activities proposed			Number of units Extension	Research	Amount (Rs. In lakhs)
				Extension	Research	6			
1	2	3	4	5	6	7	8	9	
1. AGRICULTURE									
1.	To increase Production & Productivity for rain fed paddy cultivation (Jhum)	- Promotion of improved seeds - Efficient Water Management	- Identification of Good quality seeds, - Promotion of indigenous technologies	- Training - Exposure tour - Rewards	- Farm trails, demonstration	03	03	1.20	
2.	To increase production productivity of Maize and value addition	- Promote HYV & Hybrid Maize - PHM	- Introduce good quality and location specific varieties	- Training & - Exposure visits	- FLD - Trials & demonstration	03	03	1.20	
2. HORTICULTURE									
1	To promote Vegetable cultivation	- Adoption of good package of practices	- To identify suitable and good quality seeds.	- Training, exposure visits, exhibition	- To identify suitable and quality planting materials	03	03	1.20	
3. SOIL & WATER CONSERVATION									
1	To promote Natural Resource Development	- Management of soil erosion - in-situ top soil conservation,	- Develop soil conservation methods using local techniques	- Awareness campaign, trainings	- Identify local conservation measures for adoption	03	03	1.20	

4. SERICULTURE	
1 To promote Mulberry /Eri silk worm cultivation	- Create awareness on sericulture farming - Identify suitable cocoon species and plant for local conditions
	- Awareness campaign, trainings, Exposure visits - Low cost indigenous techniques
5. LAND RESOURCE	
1 To promote - Preservation of indigenous MAP varieties of high economic value	- Create awareness on Biodiversity and Medicinal plants - Documentation of local MAP & identification
	- Awareness campaign, trainings, Exposure visits - Identify MAO for commercial cultivation
6. FISHERIES	
1 To promote Fish farming	- Create awareness on good fishlings and management - Technology for fish seed production and management
	- Awareness campaign, trainings, Exposure visits - Study low cost fish culturing
7. VETINERARY & ANIMAL HUSBANDRY	
1 Pig-To promote pig management and commercial piggery unit	- Create awareness on hygienic management - Develop management aspects and health care
	- Training of farmers - Exposure tour - Breed up gradation by cross breeding
2 To promote poultry production & management	- Identify local management and good local breed for up-gradation - Training of farmers - Exposure tour - Identify local management and good local breed for up-gradation
Rs 9.30 lakh <i>(Rupees nine lakh thirty thousand only)</i>	

DISTRICT: WOKHA ATMA**TABLE 9.B**

DISTRICT ACTION PLAN FOR STRATEGIES THRUST AREAS FOR EXTENSION & RESEARCH
PLAN PERIOD: 2010-11

Sl. no	Thrust Area	Strategies	Activities	Qty/ Unit	Rate	Amount (Rs in lakh)
						NUMBER OF BLOCK=5(FIVE)
1. AGRICULTURE						
1	To increase rice production of winter TRC in foothill areas.	a) To motivate the farmers through FICGs for adoption of HYV and double cropping in rice. b) Technical input on package of practices. c) To generate better farm income	1. Adoption of village for cultivation 2. Training and awareness programme 3. Season long training on package of practices 4. Procurement of HYV seeds for demonstration	2 2 4 2	10,000 8,500 8,500 20,000	0.20 0.17 0.36 0.40
2	Promotion of chilly cultivation to increase the production	i) To motivate the farmers to practice the recommended package of practices ii) Use of HYV, disease and pest resistant	1. Training and awareness programme through FICGs/CICGs. 2. Demonstration 3. Training on package of practices 4. Facilitating in market linkage	1 1 2	7,500 10,000 8,500	0.40 0.10 0.17
3	To promote organic farming for a selected crops	1) To impart training through FICGs/CICGs 2) Demonstration	a) Training, orientation b) Training on organics farming through FICGs/CICGs, FO etc.	3 1	8,500 8,500	0.25 0.085

4	Promotion of vermicompost	1) Adoption of vermiculture through FICGs/CIGs	1) Training on vermiculture	1	8,500	0.085
			2) Setting up of vermicompost unit	5	20,000	1.00
			3) Exposure trip		50,000	0.50
			4) Documentation and distribution of leaflet and literature	30	20,000	0.20
					Total	3.92
2. HORTICULTURE						
a.	Reduction in post harvest losses of fruits and vegetables	i) Training on post harvest management of fruits and vegetables	i) Demonstration ii) Training iii) Exposure visit to juice processing unit	1	10,000 8,500	0.10 0.085 0.50
b.	Mushroom cultivation	i) Income generation for rural youths and women through CIGs	1. Procurement of mushroom 2. Training 3. Demonstration	1000 pks 2 nos. 2 units	20 17,000 20,000	0.20
c.	Production of banana on commercial still by using HYV	i) To promote TC banana for increase in productivity and income generation	1. Procurement of TC banana for trial and demonstration. 2. Training on package of practices 3. Exposure visit	2000 unit 2 1	25/- 8500 1	0.30 0.17 0.50
					Total	1.855
3. SOIL & WATER CONSERVATION						
1	Water resources are not harvested properly thereby drought like situation is a common occurrence during dry spell.	1. The strategy is to disseminate technical knowledge in harnessing the nature resource by constructing WHP	a. Awareness campaign b. Construction of WHP c. Training	2 2 2	15,000 15,000	0.30 0.30

2	Soil conservation method through agro forestry and horticulture	1. The strategy is to make the farming system sustainable and horticulture system of farming	1. Training 2. Exposure visit	1 1	8500 50,000	0.085 0.50
3	Soil testing	1. Testing of NPK and micro nutrients in orchard and fields to the soil fertility status and sustainability of corps.	1. Soil sample collection and analysis 2. Procurement of soil testing kit	Lump Sum	Lump Sum	0.50
				Total	1.685	
4. LAND RESOURCES DEVELOPMENT						
1	Reduction in post harvest loss of chilly and turmeric	1. Training and demonstration on home scale preservation and value addition	1. Training 2. Demonstration	5 5	8500 10,000	0.425 0.50
2	Preservation and promotion of indigenous medicinal plant	1. To encourage cultivation of local medicinal plants through CIGs 2. Identification & documentation of medicinal & aromatic plant to avoid exploitation	1. Training and awareness 2. Documentation 3. Exposure visit	2 2 1	8500 8500 50,000	0.17 0.17 0.50
				Total	2.265	
5. SERICULTURE						
1	Promotion and establishment of kesew and payam nursery	1. To impart training on package and practices 2. To identify CIGs for setting up of nursery	1. Demonstration 2 Training on nursery management	2 2	10,000 8,500	0.20 0.17
2	Promotion of handloom activities through locally produced silk or yarn	1. Training on rearing and spinning 2. Promotion of shuttle handloom	1. Training 2. Demonstration 3. Exposure trip to Assam or west Bengal	1 1 1	8,500 10,000	0.085 0.10 0.50
				Total	1.225	

6. FISHERY							
1	Identification of fish production	1. To increase productivity of fish	1. Farmers training 2. Fingerling support 3. Training on seed production	1 1 1	8,500 8,500 20,000	0.085 0.085 0.20	
2	Promotion of good market and storage facilities	1. The production of Doyang fish is increasing but the marketing channel and facilities is not good	1. Facilitating in market linkage 2. Training on storage facilities 3. Exposure visit	LumpSum 1 1	20,000 8,500 50,000	0.20 0.085 0.50	
						Total	1.155
7. VETERINARY & ANIMAL HUSBANDRY							
1	Upgradation of breed and health care of cattle	1. To increase milk production and awareness about the health of the cattle	1. Training 2. Demonstration 3. Health care camp	3 4 2	8,500 10,000 20,000	0.255 0.40 0.40	
2.	Selection of adaptable local breeds	2. To increase meat production	a) Training	2	8,500	0.17	
		3. To encourage and motivate the farmers showing interest	b) Identification and documentation	1	50,000	0.50	
		4. To motivate and encourage the farmer	c) Exposure visits	1	50,000	0.50	
		5. To help and facilitate the farmers to adopt modern package of practices.	- Within the state	2	0.50/unit	1.00	
		6. To know the merits and demerits and to assess the economic sustainability.	- Within the block	7	15,000	1.05.	
		7. To increase milk production and awareness about the health of the cattle.	- Within the district	2	10,000	0.20.	
		8. To increase meat production	- Short term research	1	1,00.	1.00.	
			1. Training	3	8,500	0.255	
			2. Demonstration	4	10,000	0.40	
			3. Health care camp	2	20,000	0.40	
			i) Training	2	8,500	0.17	
			ii) Identification and document	1	50,000	0.50	
			iii) Exposure visits	1	50,000	0.50	
						Total	7.7
						Grand Total	19.805
(Rupees nineteen lakh eighty thousand and five) only							

DISTRICT: ZUNHEBOTO ATMA**TABLE 10.B**

NUMBER OF BLOCK = 6(SIX)

DISTRICT ACTION PLAN FOR STRATEGIES THRUST AREAS FOR EXTENSION & RESEARCH EXTENSIONREFORM

PLAN PERIOD: 2010-11:

Sl. No.	Strategies proposed	Thrust area for Extension	Short term Research need	Activities proposed		Number of units	Amount (Rs. In lakhs)	
				Extension	Research			
1	2	3	4	5	6	7	8	9
1. AGRICULTURE								
1.	Paddy - Identification of suitable rain fed paddy in both TRC & Jhum paddy,	- Promotion of improved seeds and HYV - Adoption of IPM methods - Efficient Water Management - PHM	- Identification of Good quality seeds, Short duration,& resistance varieties - Optimum time for sowing/harvesting, - - Promotion of indigenous technologies	- Training - Exposure tours - Exhibition	- Farm trails, demonstration	05	03	1.50
2.	Maize - To increase & productivity of Maize and value addition	- Promote HYV & Hybrid Maize - PHM	- Introduce good quality and location specific varieties - To study cost-benefit ratio for higher economic return	- Training & capacity building	- FLD - Trials & demonstration	03	03	1.40
3.	Ginger - To produce quality ginger - Value addition Adopt IPM/INM	- Create awareness on PHM and value addition - Diseases & Pest and biological control measures	- PHM - Low cost storage	- Exposure visit for value addition - Exhibition - Seed money - FIG/SHG	- Low cost storage	10	03	1.70

2. HORTICULTURE									
1.	Banana, Passion Fruit, Pineapple, Orange, Tomato, Chilli, Cardamom	- Productivity improvement - To reduce post harvest losses - PHM - Value addition - Market linkage	- Correct planting methods and system - Proper seed selection & treatment - Suitable Processing methodologies - Biological control of insect pest - Vermicomposting PHM	- T/D/Exposure trips - Good sees selection and awareness training for Farmers & functionaries	- FLD and on-farm trails	06	03	03	1.70
3. SOIL & WATER CONSERVATION									
1. Vermicomposting - To increase production									
- Use of efficient species of earthworm - Development of local low cost vermicomposting technology									
- Identify local materials for vermicomposting									
- Awareness campaign, exposure trips, trainings									
- Low cost techniques									
10									
03									
1.70									
4. SERICULTURE									
1.	Mulberry /Eri silk worm - Increase in quantity & quantity of leaves	- Create awareness on quality leaves and cocoon - Awareness on insect pest & diseases and control measures	- Develop technologies for local conditions for increasing production and quality cocoons - Introduce good agronomic practices and quality culturing	- Promote use of Motorized shuttle loom - Training & exposure visits - Demonstration	- Location specific varieties of mulberry and other plants	08	03	03	1.50

5. LAND RESOURCE					
1. Patchouli, Geranium, & Lemon grass -Increase production, productivity	Create awareness on cultivation and economic aspect of patchouli, geranium & lemon grass	- Identification & documentation and development of suitable P& P/technology	- T/D/exposure tours	- Identification & documentation and development of suitable P& P/technology	07 03 1.70
6. FISHERIES					
1 Fish - To increase productivity of fish	- Promote methods to increase productivity of fish Management of ponds	- Technology for fish seed production and management	- Manuring of ponds - Feeding rate & schedule	- Develop local Technology for fish seed production and management	07 03 1.40
7. VETERINARY & ANIMAL HUSBANDRY					
1. Cattle Milch Pig & Poultry -To increase milk production -To increase meat production	- Develop management aspects and health care - Breed upgradation - Improving feed and fodder	- Develop management aspects and health care - Breed upgradation	- Demonstration & training - Study visits	- Adaptive Research in collaboration - Training of farmers - Vaccine & Animal health - AI	04 04 1.60

Rs 15.20 lakh
(*Rupes fifteen lakh and twenty thousand only*)

TABLE 11.B

NUMBER OF BLOCK=6(SIX)

**DISTRICT ACTION PLAN FOR STRATEGIES THRUST AREAS FOR EXTENSION & RESEARCH EXTENSION REFORM
PLAN PERIOD: 2010-11**

Sl No	Strategies proposed	Thrust Area for extension	Short term research need	Activities proposed (Units)		Activity	Cost norms (Rate)	2010 - 2011	Total Amount (Rs)
				Extension	Research				
1	2	3	4	5	6	7	8	10	11
1	AGRICULTURE Productivity improvement by intensification & technology adoption under rain fed situation	- Promotion of improved local varieties	- Identification of good quality seeds - Promotion of indigenous technologies	Farmers training 10 Nos	On field trials 6 Nos	Training	0.10	1.00	1.00
	To increase productivity & production of broadcasted /transplanted paddy	- Promotion of HYV for higher altitude. - Adoption of IPM/ INM, water management	- GAP for improving production	Demonstration n 6 Nos	Field Trials 6 Nos	Demos.	0.08	0.48	0.48
2	HORTICULTURE To promote vegetable cultivation	- To increase production by adoption of good package of practices	- To identify suitable & good quality seeds	Training, 6 Nos	Trials to identify high yielding/good quality seeds 4 Nos	Training	0.10	0.60	0.60
			- Exposure trips 2 Nos (Inter-district)		Exposure trip (Inter-district)		0.50	1.00	1.00
			- Exhibition 2 Nos		Exhibition		0.40	0.80	0.80
					Trials		0.085	0.34	0.34

	To promote pineapple cultivation	- Productivity improvement by overcoming technology gap	- Processing & value addition	Demonstration n 6 Nos	Processing & value addition	Demos.	0.08	0.48	0.48
			Farmers training 6 Nos	Farmers training	0.08	0.48	0.48		
			Exposure trip 4 No. (All blocks combined)	Exposure trip (Block level)	0.30	1.20	1.20		
3	LAND RESOURCES To promote Medicinal & Aromatic Plants	- Promotion of MAP	- Identify high yielder & GAP for local situation	Training 10 Nos	Identify high yielder & GAP for local situation	Training	0.08	0.80	0.80
			Demonstration n 6 Nos	Demonstration n 6 Nos	Demos	0.09	0.54	0.54	
			Exposure trip 2 Nos (Block level)	Exposure trip	0.30	0.60	0.60		
4	SOIL & WATER CONSERVATION. To promote Natural Resources Development	- Management of soil erosion in shifting cultivation - Water harvesting structure. - In-situ top soil cultivation	- Develop soil conservation methods using local techniques	Awareness campaign, motivational workshop, 3 Nos	Low cost indigenous conservation techniques & trials 6 Nos	Training	0.08	0.48	0.48
			Trainings 6 Nos	Trainings 6 Nos	Trials	0.10	0.60	0.60	

5	FISHERIES Intensification of fish production	- Paddy cum fish culture. - Expansion of composite pisciculture. - Promote disease free fingerling production	- Technology for fish seed production and management. - Brooder fish pond management & technology for fish seed production	Farmers training 10 Nos	- Technology for fish seed production and management.	Farmers Training	0.08	0.80	0.80
6	SERICULTURE	- To promote production of quality & quantity of cocoons. - Control of diseases, pest on plant & silkworms. i).To increase silk production ii).To popularize mulberry cultivation iii).Value addition and market linkages	- Selection of high yielders. - Developing technologies for local conditions	Farmers training 6 Nos	- Selection of high yielder. - Developing technologies for local conditions	Training	0.08	0.48	0.48
			- Demonstration 6 Nos	Demonstration 6 Nos	- Awareness programme. Health care & Management 2 Nos (District Level)	Management- ment training (District level)	0.40	0.80	0.80

7	VET. & A.H Production of milk and meat	- To increase meat productivity in cow, poultry & pig. - To increase egg production	- Selection of good breed for meat & egg production. - Developing technology for local conditions	Health care and management. 2 Nos	- Selection of good breed for meat & egg production. - Developing technology for local conditions	Management training (District level)	0.50 1.00 1.00

(Rupees Eighteen lakh sixty one thousand only)

HUMAN RESOURCE DEVELOPMENT PLAN 2010-11

NUMBER OF BLOCK = 4(FOUR)

Sl. No	Department	Strategy for development	Training need	Cadre of participation	Topic of Trg.	No. of trainings	Name of Inst. For training
1	2	3	4	5	6	7	8
1	Agriculture: District Level	Capacity building	1. Understanding of the guidelines 2. Effective management & monitoring	BTT/AMC & District officers/ functionaries	New guidelines Managerial & management Monitoring & evaluation Progress report Fund utilization.	10	SAMETI, Directorate, P.D Office, MANAGE, Hyderabad, IETC, ICAR
2	Horticulture: District level	Capacity building	1. Understanding of the guidelines 2. Effective management & monitoring	BTT/AMC & District officers/ functionaries	New guidelines Management & Managerial Monitoring & evaluation	10	SAMETI, MANAGE, ICAR, Pune,
3	Sericulture : District level	Capacity building	1. Skill up gradation 2. Effective implementation 3. More output of the programme	BTT/AMC & District officers/ functionaries	Management training Extension training Subject matter training	15	SAMETI, Directorate, P.D Office, IETC, ICAR, SARS
4	Land Resources: District level	Capacity building	1. Understanding of the guidelines 2. Effective management & monitoring	BTT/AMC & District officers/ functionaries	New guidelines Management & Managerial Monitoring & evaluation	10	MANAGE, ICAR/SAMETI

5	Soil & Water Conservation: District level	Capacity building	1. Understanding of the guidelines 2. Effective management &monitoring	BTT/AMC & District officers/ functionaries	New guidelines Management & Managerial Monitoring &evaluation	10	NERIWLM, MANAGE/SA METI
6	Fishery: District level	Capacity building	1. Understanding of the guidelines 2. Effective management &monitoring	BTT/AMC & District officers /functionaries	New guidelines Management & Managerial Monitoring &evaluation	10	A.P., West Bengal, Karnataka, ICAR
7	Vet. & Animal Husbandry: District level	Capacity building	1. Understanding of the guidelines 2. Effective management &monitoring	BTT/AMC & District officers /functionaries	New guidelines Management & Managerial Monitoring &evaluation	10	ICAR, SAU's/SAMETI

TABLE 13.B

HUMAN RESOURCE DEVELOPMENT PLAN 2010-11

NUMBER OF BLOCK= 6(SIX)

Department	Strategy for development	Training Need	Cadre of participants	Topics of Training	No. of trainings/ Trip	Name of the Inst/State for training/Visit
AGRICULTURE <u>District level</u>	Capacity building	To upgrade adminn, managerial, technological skills	BTT, VEWs, FO, NGOs/Farmers/ FIGs/ FOs/SHGs	- Administrative and managerial course - Trainers training courses & production technology of major crops for cereals, pulses, oilseeds, INM IPM	6	PD Office, MANAGE, NPPTI, SAMETI, SARS, EEI
	Awareness	Exposure trip outside the state			04	Karnataka, Sikkim, Kerala
ANIMAL HUSBANDRY <u>District level</u>	Capacity building	To upgrade adminn, managerial, technological skills	BTT, Para- Vet, FO, NGOs Farmers/FIGs/ FOs/SHGs	- Administrative and managerial course - Up gradation of knowledge in latest technology and management of livestock, poultry, fodder production, pasteurization plant, etc.	6	PD Office, IVRI, SAMETI, ICAR, EEI
	Awareness	Exposure Trip outside the state			04	MANAGE, Karnal, Anand
HORTICULTURE <u>District level</u>	Capacity building	To upgrade adminn, managerial, technological skills	BTT , FO, NGOs Farmers/FIGs/ FOs/SHGs Farmers/FIGs/ FOs/SHGs	- Administrative and managerial course - Technology of major horticulture crops & INM IPM	6	PD Office, SAMETI, ICAR, EEI, SHF
	Awareness	Exposure trip outside the state			04	Karnataka, Sikkim, Mizoram, Kerala

SERICULTURE <u>District level</u>	Capacity building	To upgrade adminn, managerial, technological skills	BTT, Extension workers, FO, NGOs/Farmers/ FIGs/ FOs/SHGs	Administrative and managerial course Improved technology on cultivation practices of sericulture crops and management of silk worms	04	PD Office, MANAGE, SAMETI, CSBRC, Jorhat
	Awareness	Exposure trip outside the state			04	Assam, W. Bengal
FISHERY <u>District level</u>	Capacity building	To upgrade adminn, managerial, technological skills	BTT/FI & AFI level FIGs, SHGs and farmers	Administrative and managerial course Technologies on composite fish culture, Fish seed production & Integrated fish culture	04	PD Office MANAGE, CIFE, SAMETI, KVK, State Fishery Farm
	Awareness	Exposure trip outside the state			04	AP/ Assam
LAND RESOURCES <u>District level</u>	Capacity building	To upgrade adminn, managerial, technological skills	BTT/A.P.O, A.I. level FIGs, SHGs / farmers	Administrative and managerial course Management of MAP & Agro-forestry	04	PD office, SAMETI, MANAGE CRIMAP, NERIWALM,
	Awareness	Exposure trip outside the state			04	MANAGE CRIMAP, UP
Soil & water Conservation <u>District level</u>	Capacity building	To upgrade adminn, managerial, technological Skills	BTT/SDSCO,JACO /FIGs/ Farmers/ SHGs	-Administrative and managerial course Low cost tech on erosion control. Land dev in rolling & undulating terrain. Vermi-technology	06	PD Office SAMETI,ICAR, State Training Institute MANAGE
	Awareness	Exposure trip outside the state			04	MANAGE Uttaranchal

TABLE 14.B
DISTRICT: DIMPAUR ATMA

NUMBER OF BLOCK = 4(FOUR)

Sl. No.	Name of Department	Strategy for HRD	Type of Participants	Topic for Training based on Training need	No of Trainings	Name of Institute for Training
					2010-11	2010-11
1.	AGRICULTURE	a) Capacity building & awareness	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	Production technology on major crops & PHM	02	SAMETI, ICAR, SARS.
		b) Exposure trip within & outside the state	-do-	Marketing & value addition	01	Karnataka/Sikkim,/Kerala
2	VET. & A.H	a) Capacity building & awareness	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	Administrative & Managerial course.	02	SAMETI/District PD/ICAR/SARS
		b) Exposure trip within & outside the state	-do-	Animal & Milk production technology.	01	DIMUL/ Karnal, Anand.
3	HORTICULTURE	a) Capacity building & awareness	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	P & P of fruits & vegetables and PHM.	02	SAMETI//ICAR/SARS, State Horticulture Nursery, KV/K Karnataka/Sikkim, Mizoram
		b) Exposure trip within & outside the state	-do-		01	
4	SERICULTURE	a) Capacity building & awareness	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	Management trainings	02	SAMETI ICAR,SARS,State farm, KV/K
		b) Filed days	-do-	Production technology of Eri, Muga & silk worm.	02	Assam, West Bengal
		c) Exposure trip within & outside the state	-do-	Silk processing technology.	01	

5	FISHERIES	a) Skill up gradation b) Exposure trip within & outside the state.	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups. -do-	Administrative & managerial course. Integrated Fish culture	02 01	SAMETI/ICAR/SARS, State Fishery Demonstration Farm CIFE, A.P, Assam
6	LAND RESOURCES	a) Capacity building & skill up gradation b) Exposure trip within & outside the state.	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups. -do-	P & P and management of MAP. Aromatic Plant production technology & value addition	02 01	SAMETI/PD/ICAR/SARS, State Research Farm. MANAGE, NERIWALM, U.P.
7	SOIL & WATER CONSERVATION	a) Capacity building & awareness b) Exposure trip within & outside the state	Farmers, Extension workers, NGOs/SHGs/FOs/ Women groups. -do-	Administrative & managerial course. Low cost technology on erosion control. Vermicomposting	02 01	SAMETI/ICAR/SARS, State Training Institute, Zubza. MANAGE, NERIWALM, Uttaranchal.

TABLE 15.B
DISTRICT: MON ATMA
HUMAN RESOURCES DEVELOPMENT (HRD) PLAN FOR MON DISTRICT 2010-2011
NUMBER OF BLOCK=6(SIX)

Sl. No.	Name of Department	Strategy for HRD	Type of Participants	Topic for Training based on Training need	No of Trainings	Name of Institute for Training
1.	AGRICULTURE	a)Capacity building & awareness b)Exposure trip within & outside the state	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups. -do-	Production technology on major crops & PHM Marketing & value addition	02 01	SAMETI, ICAR, SARS. KV/K/MANAGE, Karnataka/Sikkim, Kerala
2	VET. & A.H	a) Capacity building & awareness b)Exposure trip within & outside the state	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups. -do-	Administrative & Managerial course. Animal & Milk production technology.	02 01	SAMETI/District PD/ICAR/SARS Directorate/KVK, DIMUL/MANAGE, Karnal, Anand.
3	HORTICULTURE	a) Capacity building & awareness b) Exposure trip within & outside the state	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups. -do-	P & P of fruits & vegetables and PHM.	02 01	SAMETI/District PD/ICAR/SARS, State Horticulture Nursery, KVK Karnataka/Sikkim,/ Mizoram,/Kerala

4	SERICULTURE	a) Capacity building & awareness b) Filed days c) Exposure trip within & outside the state	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups. -do- -do-	Management trainings Production technology of Eri, Muga & silk worm. Silk processing technology.	02 02 01	PD office, SAMETI ICAR,SARS,State farm, KV/K Assam, West Bengal
5	FISHERIES	a) Skill upgradation b) Exposure trip within & outside the state.	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups. -do-	Administrative & managerial course. Technology on composite fish culture. Integrated Fish culture	02 01 01	SAMETI/District PD/ICAR/SARS, State Fishery Demonstration Farm MANAGE, CIFE, A.P., Assam
6	LAND RESOURCES	a) Capacity building & skill upgradation b) Exposure trip within & outside the state	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups. -do-	P & P and management of MAP. Agroforestry.	02 01	SAMETI/District PD/ICAR/SARS, State Research Farm. MANAGE, NERIWALM, U.P.
7	SOIL & WATER CONSERVATION	a) Capacity building & awareness b) Exposure trip within & outside the state	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups. -do-	Administrative & managerial course. Low cost technology on erosion control. Land development in rolling & undulating terrain.	02 01	SAMETI/District PD/ICAR/SARS, State Training Institute, Zubza. MANAGE, NERIWALM, Uttaranchal.

TABLE 16.B**DISTRICT WISE HUMAN RESOURCE DEVELOPMENT (HRD) PLAN 2010-11**

Sl. No	Name of Department	Strategy for HRD as per SREP	Type of participants	Topic for training based on Training need	No. of trainings	Name of Institute for training
1.	Agriculture	a. crop production technologies to increase production & productivity b. PPP mode by other ATMAS b. Exposure trip outside the state	Extension workers, officers & Farmers, NGOs —do— Capacity building	P & P & PHM technologies Market scenarios Capacity building	6 04 02	P.D Office, SAMETI, ICAR, SARS, MANAGE, AP UTTARANCHAL KARNATAKA
2.	Vet. & Animal Husbandry	a. Impart training in breed upgradation, Skill upgradation, capacity building of staff b. Exposure trip outside the state	functionaries, officers Farmers,	Rural Animal Husbandry & Poultry bird management -do- Capacity building	02 01	Dept. Farms, VFATI, ICAR Institute, KVK Anand, Gujarat, KOMUL, Dimapur
3.	Horticulture	a. Upgradation of skills at all levels b. Exposure trip	Farmers, Extension functionaries, officers -do-	Training on fruit & off season Vegetable cultivation IPM, PHM technologies Capacity building	02 01	SAMETI, ICAR, State Horti Nursery Sikkim & Meghalaya,

4.	Sericulture	a. Cultivation of food plant & Rearing of silk worm b. Value addition on silk technology c. Exposure trip	Farmers, functionaries, officers -do-	Production technologies in Mulberry, Eri, Muga Mechanized technologies	02	Dept. Farm, ICAR, SAMETI W.Bengal/Assam/ South India
5.	Fisheries	a. Awareness on generation of additional income b. Capacity building of fish farmers	Farmers, functionaries, officers .FIG,& Women SHGs	Composite fish culture Fish seed production & Integrated fish culture	02	Dept. Farm, ICAR, KVK, Assam/W.Bengal
6.	Land Resources	a. Cultivation of MAP /Agroforestry as additional source of income b. Training of field functionaries c. Exposure trip	Farmers, functionaries, officers .FIG,& Women SHGs -do-	P & P of MAP PHM Agro-forestry management & marketing	02	Dept. Farm, ICAR, K SAMETI, Maharashtra/Assam
7.	Soil & W.C.	a.Soil & Water erosion control measures b.Trainings d. Exposure trip	Farmers, functionaries, officers	Benefit of alternative farming Low cost technology on erosion control	02	State Training Institute, Zubza ,SAMETI/SASRS Meghalaya,Uttaranchal

NUMBER OF BLOCK = 8(EIGHT)

DISTRICT WISE HUMAN RESOURCE DEVELOPMENT (HRD) PLAN 2010-11

TABLE 17.B

DISTRICT: TUENSANG ATMA

Sl. No.	Name of Department	Strategy for HRD	Type of Participants	Topic for Training based on Training need	No of Training	Name of Institute for Training
						1
1.	AGRICULTURE	a) Capacity building, Skill up-gradation & awareness	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	Production technology on major crops & PHM	14	PD office, SAMETI, KV/K MANAGE
		b) Exposure trip within & outside the state	-do-	Marketing & value addition	02	Karnataka/ Kerala/ SARS
2	VET. & A.H	a) Capacity building, Skill up-gradation & awareness	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	Breed up-gradation Management	10	PD office, SAMETI, VFATI, KV/K MANAGE
		b) Exposure trip within & outside the state	-do-	Animal & Milk production technology.	02	DIMUL, Dimapur AMUL, Ahmedabad
3	HORTICULTURE	a) Capacity building, Skill up-gradation & awareness	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	P & P of fruits & vegetables and PHM.	10	PD office, SHN, SAMETI, ICAR, KV/K MANAGE
		b) Exposure trip within & outside the state	-do-	PHM & Market Linkage	02	Mokokchung NRC for Citrus, Sikkim ICAR, Barapani

4	SERICULTURE	a) Capacity building, Skill up-gradation & awareness b) Exposure trip within & outside the state	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups. -do-	Production technology of Eri, Muga & silk worm. Silk processing technology.	06 02	PD office, KVK SAMETI, ICAR, State Farm Mysore/ Assam/ W. Bengal
5	FISHERIES	a) Capacity building, Skill up-gradation & awareness b) Exposure trip within & outside the state.	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups. -do-	Technology on composite fish culture & Integrated Fish culture Fish Seed production	06 02	PD office SAMETI State Fishery Demonstration Farm MANAGE CIFE
6	LAND RESOURCES	a) Capacity building, Skill up-gradation & awareness b) Exposure trip within & outside the state.	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups. -do-	P & P and management of MAP. PHM. Agro Forestry Market linkage Management	06 02	PD office MANAGE CRI, Lucknow MANAGE, Maharashtra, Lucknow
7	SOIL & WATER CONSERVATION	a) Capacity building, Skill up-gradation & awareness b) Exposure trip within & outside the state	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups. -do-	Land development in rolling & undulating terrain. Vermi composting	05 02	PD office, KVK SAMETI State Training Institute, Zubza MANAGE, NERIWALM

NUMBER OF BLOCK=5(FIVE)

DISTRICT: LONGLENG ATMA

DISTRICT WISE HUMAN RESOURCE DEVELOPMENT (HRD) PLAN 2010-11

TABLE 18.B

Sl. No.	Name of Department	Strategy for HRD	Type of Participants	Topic for Training based on Training need	No of Trainings		Name of Institute for Training
					2010-11	2010-11	
1.	AGRICULTURE	a)Capacity building & awareness	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	Production technology on major crops & PHM	02	02	SAMETI, ICAR, SARS.
		b)Exposure trip within & outside the state	-do-	Marketing & value addition	02	02	KVK/MANAGE, Karnataka/Sikkim, Kerala
2	VET. & A.H	a) Capacity building & awareness	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	Administrative & Managerial course.	02	02	SAMETI/District PD/ICAR/SARS
		b)Exposure trip within & outside the state	-do-	Animal & Milk production technology.	02	02	DIRECTORATE/KVK, DIMUL/MANAGE, Karnal, Anand.
3	HORTICULTURE	a) Capacity building & awareness	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	P & P of fruits & vegetables and PHM.	02	02	SAMETI/District PD/ICAR/SARS, State Horticulture Nursery, KVK
		b) Exposure trip within & outside the state	-do-		02	02	Karnataka, Sikkim, Mizoram, Kerala

4	SERICULTURE	a) Capacity building & awareness	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	Management trainings	02	02	PD office, SAMETI ICAR,SARS,State farm, KVK
		b) Filed days	-do-	Production technology of Eri, Muga & silk worm.	02	02	Assam, West Bengal
		c) Exposure trip within & outside the state	-do-	Silk processing technology.	02	02	
5	FISHERIES	a) Skill upgradation	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	Administrative & managerial course.	02	02	SAMETI/District PD/ICAR/SARS, State Fishery Demonstration Farm
		b) Exposure trip within & outside the state.	-do-	Technology on composite fish culture.	02	02	MANAGE, CIFE, A.P, Assam
6	LAND RESOURCES	a) Capacity building & skill upgradation	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	Integrated Fish culture	02	02	MANAGE, NERIWALM, U.P.
		b) Exposure trip within & outside the state	-do-	P & P and management of MAP.	02	02	SAMETI/District PD/ICAR/SARS, State Research Farm.
7	SOIL & WATER CONSERVATION	a) Capacity building & awareness	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	Agroforestry.	02	02	MANAGE, NERIWALM, U.P.
		b) Exposure trip within & outside the state	-do-				

TABLE 19.B

NUMBER OF BLOCK = 3(THREE)

DISTRICT WISE HUMAN RESOURCE DEVELOPMENT (HRD) PLAN: 2010-11

Sl. No	Name of Department	Strategy for HRD as per SREP	Type of participants	Topic for training based on Training need	No. of trainings	Name of Institute for training
1.	AGRICULTURE	a. Capacity building & awareness	Farmers, Extension workers, officers & NGOs/SHGs/FOs/ Women Groups	- IPM, INM	02	P.D Office, ICAR, SAMETI, SARS,
		b. Exposure trip	-do-	- Production technology on major crops	02	KVK/MANAGE, Karnataka/Sikkim Kerala
2.	VETERINARY ANIMAL HUSBANDRY	a. Capacity building & awareness	Farmers, Extension workers, officers & NGOs/SHGs/FOs/ Women Groups	- Administrative & managerial course	02	P.D Office, SAMETI, KVK, ICAR, KOMUL, Dimapur
		b. Exposure trip	-do-	- Animal & milk Production technology	02	MANAGE, Karnal, Anand
3.	HORTICULTURE	a. Capacity building & awareness	Farmers, Extension workers, officers & NGOs/SHGs/ Women Groups	- Administrative & managerial course	02	.PD Office, KVVK, SAMETI, ICAR, State Horticulture Farm,
		b. Exposure trip	-do-	- P & P of Fruit & vegetables/Value addition	02	Karnataka, Sikkim, Mizoram, Kerala
4.	SERICULTURE	a. Capacity building & skill upgradation	Farmers, Extension workers, officers & NGOs/SHGs/ Women Groups	- Production technologies of Eri,Muga & silk worm	02	PD Office, SAMETI, ICAR, State Farm, KVK
		b. Exposure trip the state				Assam,W.Bengal

5.	FISHERIES	a. Capacity building & skill upgradation b. Exposure trip	Fish Farmers, Extension workers, officers & NGOs/SHGs	- Fish seed production - Integrated fish culture	02	PD Office, ICAR, SAMETI, KVK State Fishery demonstration farm CIFE, A.P, Assam
6.	LAND RESOURCES	a. Capacity building & skill up gradation b. Exposure trip	Farmers group, Extension workers, officers & NGOs/SHGs	- P & P and Management of MAP	02	PD Office, SAMETI, State Research farm Uttaranchal NERIWALM, Maharashtra/Uttaranchal
7.	SOIL & W.C	a. Capacity building & skill up gradation b. Exposure trip outside the state	Farmers group, Extension workers, officers & NGOs/SHGs	- Low cost technology on erosion control - Land development in rolling & undulating terrain	04	PD Office, SAMETI, ICAR, State Training Institute, Zubza MANAGE, Karnataka

TABLE 20.B

DISTRICT: WOKHA ATMA
DISTRICT WISE HUMAN RESOURCE DEVELOPMENT (HRD) PLAN: 2010-11

NUMBER OF BLOCK=5(FIVE)

Sl. No	Name of Department	Strategy for HRD as per SREP	Type of participants	Topic for training based on Training need	No. of trainings	Name of Institute for training
1	2	3	4	5	6	7
1.	AGRICULTURE	a. Orientation/Capacity building b. Programme for technology transfer lab to land c. Exposure trip outside the state	Officers & Extension workers,KVVs & Farmers group -do-	- Extension Reforms - M & E - P & P - Administrative & managerial course		P.D Office, SAMETI/MANAGE /KVK/JCAR, SARS/Blocks
2.	VETERINARY ANIMAL HUSBANDRY	a. Capacity building & awareness b. Exposure trip outside the state	Farmers, Extension workers, officers & NGOs/SHGs/FOs/ Women Groups -do-	- Administrative & managerial course - Animal & milk Production technology - Fodder Production & pasteurization plant - Capacity building	02	P.D Office, SAMETI, KVK, KOMUL, Dimapur
3.	HORTICULTURE	a. Capacity building & awareness b. Exposure trip outside the state	Farmers, Extension workers, officers & NGOs/SHGs/ Women Groups -do-	- Training & management of Tea ,Arecaut,guava, - jackfruit and pineapple - IPM, IMN, PHM	02 01	PD Office, SAMETI, State Horticulture Farm, Karnataka, Sikkim,

4.	SERICULTURE	a. Capacity building & skill upgradation c. Exposure trip outside the state	Farmers, Extension workers, officers & NGOs/SHGs/ Women Groups	- Production technologies of Eri, Muga & silk worm - Silk processing technology	02 01	SAMETI, ICAR, SARS. State Farm, Assam, W.Bengal
5.	FISHERIES	a. Capacity building & skill upgradation b. Exposure trip outside the state	Fish Farmers, Extension workers, officers & NGOs/SHGs	- Fish seed production - Disease management - Training on Indian carps	02 01	SAMETI, KVK ICAR, State Fishery demonstration farm MANAGE, CIFFE, A.P, Assam
6.	LAND RESOURCES	a. Capacity building & skill up gradation b. Exposure trip outside the state	Farmers group, Extension workers, officers & NGOs/SHGs	- Administrative & managerial course - P & P and Management of MAP - Agro forestry	02 01	PD Office, SAMETI, KV State Research farm MANAGE, NERIWALM,
7.	SOIL & W.C	a. Capacity building & skill up gradation b. Exposure trip outside the state	Farmers group, Extension workers, officers & NGOs/SHGs	- Low cost technology on erosion control - Land development in rolling & undulating terrain - Vermi-technology	03 02	PD Office, SAMETI, KV State Training Institute, Zubza MANAGE, NERIWALM, Uttaranchal

DISTRICT: ZUNHEBOTO ATMA**TABLE 21.B****DISTRICT WISE HUMAN RESOURCE DEVELOPMENT (HRD) PLAN: 2010-11****NUMBER OF BLOCK = 8 (EIGHT)**

Sl. No	Name of Department	Strategy for HRD as per SREP	Type of participants	Topic for training based on Training need	No. of trainings	Name of Institute for training
1.	AGRICULTURE	a. Capacity building & awareness	Farmers, Extension workers, officers & NGOs/SHGs/FOs/ Women Groups	- Administrative & managerial course - IPM, INM	5	
		b. Exposure trip outside the state		- Production technology on major crops - Capacity building	02	MANAGE, Karnataka Sikkim, Kerala
2.	VETERINARY ANIMAL HUSBANDRY	a. Capacity building & awareness	Farmers, Extension workers, officers & NGOs/SHGs/FOs/ Women Groups	- Administrative & managerial course - Animal & milk Production technology	02	P.D Office, SAMETI, ICAR, KVK, KOMUL, Dimapur
		b. Exposure trip outside the state		- Fodder Production & pasteurization plant	02	MANAGE, Karnal, Anand
3.	HORTICULTURE	a. Capacity building & awareness	Farmers, Extension workers, officers & NGOs/SHGs/ Women Groups	- Administrative & managerial course - IPM, IMN, PHM	02	PD Office, SAMETI, State Horticulture Farm, Mizoram, Kerala
		b. Exposure trip outside the state		- P & P of Fruit & vegetables	02	Karnataka, Sikkim, Assam, W.Bengal
4.	SERICULTURE	a. Capacity building & skill upgradation	Farmers, Extension workers, officers & NGOs/SHGs/ Women Groups	- Administrative & managerial course - Production technologies of Eri,Muga & silk worm	02	PD Office, SAMETI, ICAR, SARS, State Farm, KVK
		c. Exposure trip outside the state			01	

5. FISHERIES	a. Capacity building & skill upgradation	Fish Farmers, Extension workers, officers & NGO s/SHGs	- Administrative & managerial course - Technology on composite fish culture - Fish seed production - Integrated fish culture	02	PD Office, SAMETI, KVK, ICAR, SARS, State Fishery demonstration farm
	b. Exposure trip outside the state			02	MANAGE, CIFE, A.P, Assam
6. LAND RESOURCES	a. Capacity building & skill up gradation	Farmers group, Extension workers, officers & NGOs/SHGs	- Administrative & managerial course - P & P and Management of MAP - Agro forestry	02	PD Office, SAMETI, KVK ICAR, SARS, State Research farm
	b. Exposure trip outside the state			02	MANAGE, NERIWALM, U.P
7. SOIL & W.C	a. Capacity building & skill up gradation	Farmers group, Extension workers, officers & NGOs/SHGs	- Low cost technology on erosion control	03	PD Office, SAMETI, KVK, State Training Institute, Zubza
	b. Exposure trip outside the state		- Vermi-technology	01	MANAGE, NERIWALM, Uttaranchal

HUMAN RESOURCE DEVELOPMENT PLAN 2010-11

NUMBER OF BLOCK=6(SIX)

Sl. No	Department	Strategy for development	Type of Participants	Need-Based Training	No. of trainings (Nos)	Training Institute
1	2	3	4	5	6	7
1	AGRICULTURE District level	Capacity building	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	- Production technology on major crops & PHM - Marketing & value addition	6	MANAGE, Karnataka/Sikkim, Kerala
2	VET. & A.H District level	Capacity building	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	- Administrative & Managerial course. - Animal & Milk production technology.	5	DIMUL/MANAGE, Karnal, Anand.
3	HORTICULTURE District level	Capacity building	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	- P & P of fruits & vegetables and PHM.	5	State Horticulture Nursery, Karnataka, Sikkim, Mizoram, Kerala
4	SERICULTURE District level	Capacity building	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	- Management trainings - Production technology of Eri, Muga & silk worm. - Silk processing technology	4	State farm, KVK Assam, West Bengal

5	FISHERIES District level	Capacity building	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	- Administrative & managerial course. - Technology on composite fish culture/Integrated Fish culture	4	State Fishery Demonstration Farm, MANAGE, CIFE, A.P, Assam
6	LAND RESOURCES District level	Capacity building	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	- P & P and management of MAP. - Agro-forestry	4	State Research Farm, MANAGE, NERIWALM, U.P.
7	SOIL & WATER CONSERVATION District level	Capacity building	Farmers, Extension workers, Officers, NGOs/SHGs/FOs/ Women groups.	- Administrative & managerial course. - Low cost technology on erosion control. - Land development in rolling & undulating terrain	4	State Training Institute, Zubza, MANAGE, NERIWALM, Uttarakhand.

TABLE -23; B
BUDGET PROPOSED UNDER EXTENSION REFORMS FOR THE STATE LEVEL ACTIVITIES FOR 2010-11

A. State Nodal Cell
Name of the State: Nagaland
Number of ATMA districts: 11 (Eleven)

Number of blocks: 52 (Fifty two)

Sr. No.	Activities	Total number of beneficiaries to be covered			Cost per Unit	Total fund required	Contribution from the Scheme	Beneficiary contribution	Contribution from any other Scheme	SEWP 2009-10 Yet to implement	Rs in lakh
		Male	Female	Total							
A-1	Support to M&E Unit State Unit	-	-	-	1	Annually 0.10/dist	2.10	Nil	-	1.00	Nil
	-Six-monthly Review Workshop	70	30	100	2	0.50	2.00	1.00	-	-	Nil
	-RE interfaces (interfaces at training institutes/research stations)	100	50	150	6	0.50	-	Nil	-	1.00	Nil
	Third party M&E	-	-	-	11	-	10.00	4.00	-	-	-
	Expenses for IDWG & SNO contingencies/developing SEWP/biannual plan	-	-	-	2	-	4.00	1.00	-	1.00	-
A-2	Training Courses										
	i) National /Within State	150	100	250	11	650/day + TA/DA /500/day	6.00	3.00	-	1.00	-
	ii) Total										
A3	Exposure Visit of Extension Functionaries										
	i) Inter State	70	40	110	11	200+TA /DA	6.00	3.00	-	2.00	

A-4 State Exhibitions	
State level exhibition/Kisan mela/Fruit/Veg Shows, etc.	14000 6000 20000 2 5.00 5.00 3.50 - 4.00
A-5 Krishi Expo and Regional Fares	
Participation in Krishi Expo organized by DAC	- - 1 1.00 1.00 1.00 - -
Participation in Regional Fares supported by DAC	- - 1 0.50 0.50 0.50 - -
Total	- - - - - - - -
A-6 Reward and Incentives Award for best performing ATMA	Annualy per district
Rewards	2 1.00 2.00 1.00 - -
A-7 Farmers Award	
Per yr/farmer	
a) State level	8 2 10 10 5.00 5.00 - -
b) District level	70 40 110 110 27.50 27.50 - -
Total	- - - - - - - -
Grand Total	71.10 lakh 24.75 - 10.00

(Rupees Seventy one lakh ten thousand only)

Note: Beneficiary may be farm family/extension functionaries/private sector/N/COs

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TABLE-24: B

Name of the state: Nagaland

SAMETI (2010-11)
Number of ATMA Districts: = 11

Total Number of Blocks: 52

(Rs in lakh)

Sr. No.	Activities	Total number of beneficiaries to be covered		No of Unit/ activity	Cost per Unit/ activity	Total fund required	Contribution from the scheme as of 2008-09	Beneficiary contribution	Contribution from any other scheme	Total Number of Blocks: 52	
		Male	Femal							Proposed State share 2010-11	Allocation
A.8 Recurring											
1	Operational Expenses and technical assistance consultancies, special studies, workshops, Library, internet, telephone and other contingencies. Office maintenance & honorariums			Per year	9.00	9.00	3.60	-	6.00		
2	Documentation of Success Stories				3.00	3.00	-				
3	Hiring of Vehicle			Annually	3.00	3.00	3.00	-	1.00		
B. Non-Recurring											
3	Maintenance and Furnishing of training Hall			One time	-	5.00-			2.00		
4	Equipments (one time)			One time	-	-	-	-			
	Total:				15.00	20.00	6.60	-	10.00		

(Rupees twenty lakh only)

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**TABLE-25: B
PROPOSED BUDGET FOR DISTRICT LEVEL ACTIVITIES (ATMAs) 2010-11**

Name of the state: Nagaland

Number of ATMA Districts: = 11

Total Number of Blocks: 52
Proposed Budget = Rs 544.50 lakh
(Rs in lakh)

Sl. No.	Activity	Number of beneficiaries covered		Number of Units/ activity	Cost per Unit/ activity	Total Fund required	Contri- bution from the Scheme	Benefi- ciary contri- bution	Contribu- tion from any other scheme	SEWP 2009-10 (to be reflected after undertaking the plan period)	
		Men	Women							State proposed share 2010-11	Allocations Allocation
I. Farmer Oriented Activities											
B.1.	Developing DAPs/BAPs/ Biannual Plan (2011-13) & SREP for 03 old ATMAs (2012 - 2017)	-	-	-	11 districts	-	-	20.00	-	4.00	-
B.2.	Training of Farmers										
a)	Interstate			11 dist	3.00/ dist	33.00	9.50	-	2.00	-	-
b)	Within State & Village Level/within district			52 block	4.00/ block	44.00	2.10	-	-	-	-
	Total (approx projection)	3021	2929	5950	11 dist	3.00/ district	12.00	-	-	-	-

B.3.	Organizing Demonstrations (approx projection)	22000	12000	35000	52 blocks	3.00/ dist 0.04/ demons	33.00	17.00	-	-	-
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B.4. **Exposure visits of farmers**

a)	Inter-State				52 bls	3.00/ dist	33.00	2.88	-	4.00	-
b)	Inter-District					0.75/ block	39.00	9.00	-	-	-
c)	Within district					0.25/ bl@100 nos/tour	-	12.00	-	-	-

Total (approx projection)) **820** **510** **1330** **11 dist**

182.00 23.88 -

B.5.Mobilization of Farmers Groups

a)	Their Capacity building, skill development and support services	1363	2487	3850	550	0.05/group	27.50	10.625	2.00	-	-
b)	Seed money/ revolving funds	2000	3500	5500	550	0.10 revolving fund/group	27.50	10.625	-	-	-
B.6.	Rewards/ incentives to best organized groups representing different enterprises (5 groups)	-	-	-	55 groups	0.20 Per unit	11.00	10.25	-	-	-
B.7.	Farmers Award 5 farmers/ Block / year	-	280	52 blocks	0.10 /farmer	Total	26.00	9.40	-	-	-

II. Farm Information Dissemination									
B-8	District level exhibition/ kisan melas/ fruit/vegetable shows	-	-	50000 (approx)	11	2.00	22.00	14.00	-
B.9	Farm Information Dissemination through printed leaflets, etc. and advertisement	-	-	11	2.00	22.00	7.20	-	-
B. 10	Development of technology package on electronic form to be shared through IT network	-	-	11	21.00	22.00	4.00	-	-
						Total	66.00	-	

III. Agricultural Technology Refinement, Validation and Adoption									
B. 11	Farmer- Scientist Interaction at District level (25 farmers for two days)	690	610	1300	52	0.20/bt	10.40	2.80	-
B. 12	Organization Field Days and Kisan Goshitis to strengthen RE-Linkages (1 / block / season)	1742	1448	3190	11 dist	2.00/ dist	22.00	7.00	-

B-13	Assessment, Refinement, Validation & Adoption of Frontline Technologies & Researchable issues through KVVs and other local Research Centers	-	-	-As per assessment of KVK -	11 dist	2.00	22.00	10.50	-	-	-	-
IV. Administrative/Capital Expenses												
B. Establishment of ATMA like Institutions												
14	a) Recurring											
(i)	TA/DA	-	-	-	11	1.00/ dist	11.00	16.32	-	-	-	-
	Other operational Expenses including Workshops	-	-	-	11	2.00	22.00	2.25	2.00	-	-	-
	Other operational Expenses exclusively for block level	-	-	-	-	-	-	-	-	-	-	-
(ii)	Hiring of vehicles	-	-	-	11	1.00	11.00	2.25	-	-	-	-
b) Non-Recurring								-				
	a) Equipment*	-	-	-	-	-	-	32.00	-	-	-	-
	Civil works and refurnishing of ATMA office*	-	-	-	-	2.00	33.00	16.00	-	-	-	-
	b) Upgradation of Equipments & replacement/maintenance (New)											3.00

B-15	Establishment of Block level Farm Information and Advisory Centres	-	-	-	11	-	-	9.10	-	1.00	-	-
	Total							-				
B-16	FARM SCHOOL			14	0.49	5.45	6.34		1.00	-	-	
C.	Innovative activities				Total	82.45						
C.1.	State Level Activities											
	Implementation of Extension activities through Agri Entrepreneurs trained under Agri-clinic schemes	To be approved by IDWG			0.25/unit	-	-			Nil	Nil	
C.2	P.G.Diploma in AEM (MANAGE)	-	-	-	3	3.75 / dist	-	-		Nil	Nil	
D.	Innovative activities-District level											
D.1	Support for District level training institutions (operational and non-recurring expenses)	-	-	-	11	2.50 per dist	27.50	27.50		-	-	
	Total								-			
D.2.	Setting up CRS	To be decided			Per state	Nil	Nil	-	-	Nil	Nil	
E.	Other innovative activities				54.00							

E.I.	Innovative activity-state component	To be approved by IDWG	25.00/ state	25.00	Nil	-	-	Nil	Nil
E.2.	Innovative activity-district component	To be recommended by ATMA & approved by IDWG	52 blk @0.50 i.e 28.00	15.00	Nil	-	-	Nil	Nil
	Total of C to E			67.65	7.50	50.00	-		
	Grand Total for 2010-11 proposed Budget (SNO/SAMETI/ATMA)		Rs 544.50 lakh		-			Rs 292.86 lakh	

(Rupees five hundred forty four and fifty lakh only)

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**TABLE NO. 26: B
SUMMARY OF BUDGET PROPOSED UNDER EXTENSION REFORMS (ATMA) SCHEME FOR THE YEAR 2010-11**

Sl. No.	Proposed budget & Activity under component of	Total Fund required For 2010-11	Contribution from the GOI scheme (Tentative allocation 2010-11	Beneficiary contribution	Contribution from any other scheme/State share (Proposed for 2010-11
1.	State Nodal Cell (Total of A1 to A7)	71.10	Yet to allot	-	20.00
2.	SAMETI (Total A 8)	20.00	-	-	10.00
3.	ATMA at District Level (Total B1-B16)	(544.50)			20.00
3.1	Farmer oriented activities	274.00	-	-	
3.2	Farm Information Dissemination	66.00	-	-	
3.3	Agricultural Technology, Refinement & Validation	54.40	-	-	
3.4	Administrative expenses	82.45	-	-	
3.5	Innovative activities (C1-E2)	67.65	-	-	
	T O T A L	635.65			50 .00

(Rupees Six hundred thirty five and sixty five lakh only)

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**TABLE NO. 27: A & B
SUMMARY OF BUDGET PROPOSED UNDER EXTENSION REFORMS (ATMA) SCHEME FOR THE YEAR 2009-10 & 2010-11**

(Rs. In lakhs)

Sl. No	Proposed budget & Activity under component of	Total Fund required For	Contribution from the GOI Scheme (Tentative allocation)	Beneficiary contribution	Contribution from any other scheme/State share
		2009-10	2010-11	2009-10	2010-11 (proposed)
1	State Nodal Cell(A1-A7)	71.10	71.10	30.00	-
2	SAMETI(A8)	20.00	20.00	8.49	-
3	ATMA(B1-B16)	(481.96)	(544.50)	(236.07)	-
	3.1.FOA(B1-B7)	269.00	274.00	145.07	-
	3.2(B8-B10)	55.00	66.00	77.00	-
	3.3(B11-B13)	49.60	54.40	-d-	-
	3.4(B14-B16)	50.86	82.45	14.00	-
4	Innovative activities(C1-E2)	57.50	67.65	-	-
	Grand Total	573.06	635.65	274.56	-
	Combined biannual projection	1208.71 lakh			

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Dimapur ATMA
Mokokchung ATMA
Wokha ATMA
Phek ATMA
Zunheboto ATMA
Tuensang ATMA
Mon ATMA
Longleng ATMA
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