

## **APPROVAL**

The meeting was last held in the Office Chamber of Deputy Commissioner & Chairman, Governing Board-ATMA, Kohima District for approval of District Action Plan (DAP) 2009-10 & 2010-11.

The District Action Plan (DAP) for ATMA-Kohima District is prepared by ATMA Management Committee (AMC) on the basis of SREP 2006-07 in consonance with SEWP is hereby approved.

(SACHOPRA VERO NCS)  
Deputy Commissioner & Chairman  
Governing Board (ATMA)  
Kohima District: Nagaland.

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# **Chapter 1**

## **Introduction**

## **Chapter-1**

### **INTRODUCTION**

Agricultural Extension plays a crucial role in the context of growing population and demands of agricultural production in a sustainable manner. The existing system of Agricultural Extension and Research, working in the state by agriculture and allied developmental departments is largely top-down and centralized in nature. In such faulty system of agricultural extension and research programmes, the farmers who are actors playing a crucial role in the process are considered as receivers of benefits only rather than empowering them as responsible persons who can effectively the production process. The process not only undermines the farmers but also overlooked the farming situation that differs from one village to another. Although agricultural extension and research works by public sector has achieved significantly in spite of having deficiencies at initial stages of agricultural development in the state, the time has come for reformation towards empowerment of farmers.

The need for reforms in Agricultural Extension has been explicitly raised in the National Agricultural Policy. The report of expenditure reforms commission and in the Tenth Plan Approach paper keeping these recommendations in view- a broad policy framework for Agricultural Extension has been developed by the Ministry of Agricultural Extension, Government of India with five major guiding elements of the policy framework as: -

1. Reforming Public Sector extension.

2. Broadening Private sector to effectively complement, supplement and wherever possible to substitute public extension.
3. Augmenting Media and IT support for extension.
4. Mainstreaming gender concern in extension.
5. Capacity building, skill up gradation of farmers and Extension functionaries.

Under these guiding principles the Strategic Research and Extension Plan for Kohima District has been prepared. The objective of ATMA is to bring together framers, researchers, extensionists, private sectors, NGO's and other stake holders to develop District Action Plan on the basis of joint diagnostic studies and strategic plans in a demand driven, situation specific, multi action oriented Strategic Research and Extension Plan(SREP) to accelerate the overall agricultural development in the district. The ATMA is also a platform through which agricultural extension services to the farmers will flow as one window. There is also a convergence of all Agri and line departments having extension activities either of the centrally sponsored schemes or of the state sponsored schemes in a compatible manner as per SREP.

On the basis of SREP guided by modified cafeteria of activities, Government of India, the Block Action Plan (BAP) prepared by BTT at Block Level is further scrutinized and District Action Plan (DAP) was accordingly prepared in consonance with SEWP

## Chapter 2

# Kohima District Profile

### Chapter: 2

#### KOHIMA DISTRICT PROFILE

Sl. No	Particulars	Kohima District		Total
		Male	Female	
1	Population	78850	69924	148774
2	Literacy (%)	70 %	79 %	74.28 %
3	Land Holding	Marginal (%)		47 %
		Small (%)		29 %
		Medium (%)		17 %

	Large (%)	7 %
4	Total Geographical area (Sq. KM) Excluding Peren	1595
5	Irrigated area (Ha)	7040
6	Jhum area (Ha)	9159
7	Forest Area (Ha)	49268
8	Others (Ha) Township/Villages/ Roads/ Wastelands	94033
9	Altitude (MSL)	1444
10	Annual rainfall (mm)	143

### FOOD GRAIN STATUS OF THE DISTRICT

Sl. No.	Status	2006-07	2007-08	2008-09
1	Total food grain production	26509	25782	26287
2	Total food grain requirement	27010	27010	27375
3	Deficit (-)/ Surplus (+)	1919 (-)	1228 (-)	1088 (-)

**Table No. 2A: Spread of AES in the District**

State: 126 (Nagaland)

Sl. No	Name of the ACZ	Area (Ha)	% of the Geographical area of the district	Name of AES
	Mild Tropical Hill Zone (Medziphema)			
1	Kohima	30900	19.37	AES-I
2	Jakhama	21700	13.6	AES-I
3	Chiephobozou	50500	31.66	AES-II
4	Tsemenyu	56400	35.37	AES-II
<b>Total</b>		<b>159500</b>	<b>100</b>	<b>-</b>

**Note:**

\* B1, B2, B3 .....are the blocks

\* % area to agro-climatic zone under AES may be asked.

**Chapter-2 Contd: Table No. 5A**

Sl. No.	Name of the Block	Population (as per 2001 census. Total)	% of literacy	Male (No)	Female (No)
1	Kohima	36621	68.12	19409	17212
2	Jakhama	38768	78	20547	18221
3	Chiephobozou	29601	75	15688	13913
4	Tsemenyu	43784	76	23206	20578
<b>Total</b>		<b>148774</b>	<b>297.1</b>	<b>78850</b>	<b>69924</b>

Sl. No.	Name of the Block	Worker Nos.				Categories No.			
		Agri		Non-agri		SC	ST	OBC	General
		Male	Female	Male	Female				
1	Kohima	15527	15490	3881	1721	Nil	ST	Nil	Nil
2	Jakhama	16437	14576	4110	3645	Nil	ST	Nil	Nil
3	Chiephobozou	12250	12521	3138	1392	Nil	ST	Nil	Nil
4	Tsemenyu	18564	18520	4641	2057	Nil	ST	Nil	Nil
<b>Total</b>		<b>62778</b>	<b>61107</b>	<b>15770</b>	<b>8815</b>	<b>Nil</b>	<b>ST</b>	<b>Nil</b>	<b>Nil</b>

**Table No. 6A: Information on Land use pattern in the KOHIMA District.**

Sl. No.	Name of the block	Geographical Area (Sq. KM)	Cultivable area Ha. (Exclude primary forest)	Cultivated area	Cultivable waste	Current fallow
1	Kohima	309	15627	3037.80	5915.4	1814.97
2	Jakhama	217	11093	2156.30	4199.05	1288.34
3	Chiephobozou	505	25668	4989.50	9716.05	2981.06
4	Tsemenyu	564	28583	5556.20	10819.45	319.61
<b>Total</b>		<b>1595</b>	<b>80971</b>	<b>15739.80</b>	<b>30649.95</b>	<b>6403.98</b>

Sl. No.	Name of the block	Forest (ha)		Pasture (Ha)	Land put to Non-agri use (Ha)	Land under Misc. plantation (Ha)	Barren & unculturable land Ha. (waste land)
		Reserved	Open				
1	Kohima	Nil	7736.40	Nil	3985.45	2452.06	154.40
2	Jakhama	Nil	5491.64	Nil	2829.05	1740.58	109.60
3	Chiephobozou	Nil	12706.94	Nil	6546.05	4027.48	253.60
4	Tsemenyu	Nil	14150.00	Nil	7289.45	4484.86	282.40
<b>Total</b>		<b>Nil</b>	<b>40084.98</b>	<b>Nil</b>	<b>20650.00</b>	<b>12704.98</b>	<b>800.00</b>



## **Chapter 3**

# **AES Map of Kohima District**

## **Chapter-3**

### **AES MAP OF KOHIMA DISTRICT**



## **Chapter 4**

# **Human Resource Development Plan**

## Chapter-4

### HUMAN RESOURCE DEVELOPMENT PLAN

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	<b>Agriculture:</b> District Level	Capacity building	<ol style="list-style-type: none"> <li>1. Understanding of the guidelines</li> <li>2. Effective management &amp; monitoring</li> <li>3. Effective fund support</li> <li>4. More output of the programme</li> </ol>	D.A.O's and equivalent	<ul style="list-style-type: none"> <li>➤ New guidelines</li> <li>➤ Managerial &amp; management</li> <li>➤ Monitoring &amp; evaluation</li> <li>➤ Progress report</li> <li>➤ Fund utilization.</li> <li>➤ Progress report</li> </ul>	10 Nos	SAMETI, Directorate, P.D Office, MANAGE, Hyderabad, IETC, ICAR
2	<b>Horticulture:</b> District level	Capacity building	<ol style="list-style-type: none"> <li>1. Understanding of the guidelines</li> <li>2. Effective management &amp; monitoring</li> <li>3. Effective fund support</li> <li>4. More output of the programme</li> </ol>	D.H.O's and equivalent	<ul style="list-style-type: none"> <li>➤ New guidelines</li> <li>➤ Management &amp; Managerial</li> <li>➤ Monitoring &amp; evaluation                             <ul style="list-style-type: none"> <li>➤ Progress report</li> </ul> </li> <li>➤ Fund utilization.</li> </ul>	10 Nos	SAMETI, MANAGE, Hyderabad, ICAR, Pune, Maharashtra
3	<b>Sericulture :</b> District level	Capacity building	<ol style="list-style-type: none"> <li>1. Skill up gradation</li> <li>2. Effective implementation</li> <li>3. More output of the programme</li> </ol>	S.O's/	<ul style="list-style-type: none"> <li>➤ Management training</li> <li>➤ Extension training</li> <li>➤ Implementation skills</li> <li>➤ Subject matter training</li> </ul>	15 Nos	SAMETI, Directorate, P.D Office, IETC, ICAR, SARS
4	<b>Land Resources:</b> District level	Capacity building	<ol style="list-style-type: none"> <li>1. Understanding of the guidelines</li> <li>2. Effective management &amp; monitoring</li> <li>3. Effective fund support</li> <li>4. More output of the programme</li> </ol>	D.P.O's and equivalent	<ul style="list-style-type: none"> <li>➤ New guidelines</li> <li>➤ Management &amp; Managerial</li> <li>➤ Monitoring &amp; evaluation                             <ul style="list-style-type: none"> <li>➤ Progress report</li> </ul> </li> <li>➤ Fund utilization.</li> </ul>	10 Nos	MANAGE, ICAR

5	<b>Soil &amp; Water Conservation:</b> District level	Capacity building	1. Understanding of the guidelines 2. Effective management & monitoring 3. Effective fund support 4. More output of the programme	D.S..C.O's & equivalent	➤ New guidelines ➤ Management & Managerial  ➤ Monitoring & evaluation  ➤ Progress report ➤ Fund utilization.	10 Nos	NERIWLM, MANAGE
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**Chapter-4, Contd:**

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
6	<b>Fishery:</b> District level	Capacity building	1. Understanding of the guidelines 2. Effective management & monitoring 3. Effective fund support 4. More output of the programme	D.F.O's and equivalent	➤ New guidelines ➤ Management & Managerial  ➤ Monitoring & evaluation ➤ Progress report ➤ Fund utilization.	10 Nos	A.P, West Bengal, Karnataka, ICAR
7	<b>Vet. &amp; Animal Husbandry:</b> District level	Capacity building	1. Understanding of the guidelines 2. Effective management & monitoring 3. Effective fund support 4. More output of the programme	D.V.O's and equivalent	➤ New guidelines ➤ Management & Managerial  ➤ Monitoring & evaluation ➤ Progress report ➤ Fund utilization.	10 Nos	ICAR, SAU's



## **Chapter 5**

### **AMC, BTT & FAC Members**



## Chapter-5

### LIST OF ATMA- MANAGEMENT COMMITTEE, BTT & FAC MEMBERS

Sl. No	Name of the Officer	Designation
1	Shri. G. Ikuto Zhimomi	District Agriculture Officer & Project Director (ATMA)
2	Shri. Jerry Patton	District Horticulture Officer, Kohima
3	Shri. T. K. Rengma	District Veterinary Officer, Kohima
4	Shri. Kevisenyü Ziephrie	Superintendent Sericulture, Kohima
5	Shri. Peter Rengma	District Soil Conservation Officer, Kohima
6	Shri. Punanükshi	District Fishery Officer, Kohima
7	Shri. Keneingulie	District Project Officer (Land Resources), Kohima

### BTT Members

#### KOHIMA BLOCK

Sl. No.	Name & Designation	Department
1	Seyievonuo Convener	Agriculture
2	K. Sanen Member	S & WC
3	Rüdoselie Medom Member	L.R.
4	Vitsülhou Member	Horticulture
5	Kehokhul Yore Member	Sericulture
6	Khrishulie Member	Fishery
7	Vilithou Member	S & WC
8	Dr. Thejanguzo Member	V & A.H.

### JAKHAMA BLOCK

Sl. No.	Name & Designation	Department
1	Wabang Lkr Convener	Fishery
2	Neihovi Member	S & WC
3	Neichükho Member	Agriculture
4	Ketoho Member	Horticulture
5	Neilazonuo Member	L.R.
6	Dr. Chuba Member	V & A.H.
7	Kehokhul Yore Member	Sericulture

### CHIEPHOBOZUO BLOCK

Sl. No.	Name & Designation	Department
1	T. D Chiru Convener	Agriculture
2	Zakieselie Member	Fishery
3	Athong Keppen Member	Sericulture
4	Vizosul Member	S & WC
5	Vizolie Member	Agriculture
6	Dr. Khriekulie Member	V & A.H

### TSEMINYU BLOCK

Sl. No.	Name & Designation	Department
1	Kezhalezuo Zao Convener	Agriculture
2	Visezo Chiesotsu Member	S & WC
3	Yhontilo Member	S & WC
4	Rüshulo Member	Fishery
5	Yazüno Member	Sericulture
6	Ronlo Member	Horticulture
7	Setono Member	L.R.
8	Dr. Rebecca Member	V & A.H.

## FARMERS ADVISORY COMMITTEE MEMBERS

### **ATMA- Kohima Block:**

Sl. No	Name	Village	Remarks
1	Shri. Methahetuo	Khonoma	
2	Smt. Golano	Khonoma	
3	Shri. Vithatso Nakhro	Jotsoma	
4	Shri. Letho	Dzülakiema	
5	Shri. Vilalhou	Sechü (Zubza)	
6	Shri. Neithovilie	Mezoma	
7	Smt. Neichütuo-ü	Kohima	

### **ATMA- Jakhama Block:**

1	Shri. Pelukhwe	Jakhama Village	
2	Shri. Tepuchol	Jakhama village	
3	Shri. Vizosül	Khüzama	
4	Shri. Saselie	Kigwema	
5	Shri. Lhouzo Zhasa	Kigwema	
6	Shri. Viswedo Kor	Phesama	
7	Shri. Yase Chuse	Phesama	

### **ATMA- Chiephobozou Block:**

1	Shri. Razouneio Kerhüo	Chairman CATC	
2	Shri. Vineizo Tsürho	Nerhe Model	
3	Shri. Tseibu Kezeio	Phezha	
4	Shri. Razousilie Rülho	Nerhema	
5	Shri. Neitho-o Sopotsu	Chiechama	
6	Shri. Ba-o Zhadi	Zhadima	
7	Shri. Neisatsü Tuophe	Touphema	

### **ATMA- Tseminyu Block:**

1	Smt. Kedole Kent	Zisenyu	
2	Smt. Mary Semy	Chunlikha	
3	Shri. Zukeya Woch	Chunlikha	
4	Shri. Apenthong	Ziphenyu	
5	Shri. Khashe Nsu	Tseminyu	
6	Shri. Kewasin Keppen	Phensenyu	
7	Shri. Khashi Kath	Tesophenyu	

## **Chapter 6**

### **FIG Target for Kohima district during 2009-2011**

## Chapter-6

### FIG Targets for Kohima District during 2009-10 & 2010-11

<b>Years</b>	<b>Kohima Block</b>	<b>Jakhama Block</b>	<b>Chiephobozuo Block</b>	<b>Tseminyu Block</b>	<b>Total</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
<b>2009-10</b>	5	5	5	6	21
<b>2010-11</b>	5	5	5	6	21
<b>Total:</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>12</b>	<b>42</b>

## **Chapter 7**

# **Proposed Strategies and Activity Plan for Extension**



## Chapter-7:

### PROPOSED STRATEGY AND ACTIVITY PLAN FOR EXTENSION

Name of the enterprise	Strategies proposed for extension	Extension		Relevance to the AES	
		Thrust area	Activity proposed	AES-I	AES-I I
	2	3	4	5	6
<b>1. Agriculture:</b> 1. TRC/ WTRC Paddy (Irrigated)	To increase productive and production of paddy	<ul style="list-style-type: none"> <li>➤ Promotion of Paddy HYV for altitude above 1000 MSL</li> <li>➤ HYV suitable for rain fed condition</li> <li>➤ Introduction of disease, pest resistant variety</li> <li>➤ Adoption of improved technology</li> <li>➤ Adoption of IPM methods</li> <li>➤ Adoption of INM measures and farm mechanization</li> <li>➤ Water management</li> </ul>	<ul style="list-style-type: none"> <li>➤ Procurement of good quality HYV seeds</li> <li>➤ Trials and demonstration</li> <li>➤ Farmers training on package of practices</li> <li>➤ Use of Power Tillers</li> </ul>	✓	✓
2. Paddy (Rainfed) Jhum Paddy	Productivity improvement by intensification and technology adoption under rainfed situation.	<ul style="list-style-type: none"> <li>➤ Promotion of HY local varieties</li> </ul>	<ul style="list-style-type: none"> <li>➤ Farmers training</li> <li>➤ Research trials &amp; demonstration</li> </ul>	-	✓
3. Maize	To enhance the production and productivity of maize	<ul style="list-style-type: none"> <li>➤ Weed management</li> <li>➤ Promotion of HYV maize</li> <li>➤ IPM concept</li> <li>➤ New methods of farming</li> <li>➤ Inter cropping with kholar</li> <li>➤ Production of Yellow maize organically</li> </ul>	<ul style="list-style-type: none"> <li>➤ Farmers field school</li> <li>➤ Application of FYM/ Compost pit</li> <li>➤ Trials &amp; demonstration</li> <li>➤ Market support</li> </ul>	✓	✓
	1. Productivity improvement. Extension technology package 2. To reduce post harvest loses	<ul style="list-style-type: none"> <li>➤ Segregation of varieties in use</li> <li>➤ Curing of potatoes</li> </ul>	<ul style="list-style-type: none"> <li>➤ Research identification</li> <li>➤ Training and demonstration</li> <li>➤ Exposure visit</li> </ul>	✓	✓
3. Oilseeds 4. (Bottleflower, Sesamum, Groundnut)	To increase the production	<ul style="list-style-type: none"> <li>➤ Promotion of HYV sunflower, Sesamum, Groundnut suitable for altitude above 1000 MSL</li> <li>➤ Adoption of IPM</li> <li>➤ IPM &amp; INM</li> <li>➤ Weed control</li> <li>➤ Optimum time of sowing &amp; harvesting</li> </ul>	<ul style="list-style-type: none"> <li>➤ Vermi compost</li> <li>➤ Bio-fertilizer</li> <li>➤ Bio-agents</li> <li>➤ Trials &amp; demonstration</li> <li>➤ Identification</li> </ul>	✓	✓
4. Soyabean	To increase the productivity & production	<ul style="list-style-type: none"> <li>➤ Promotion of HYV</li> <li>➤ Adoption of IPM</li> <li>➤ Adoption of INM</li> <li>➤ Weed management</li> <li>➤ Timely sowing &amp; harvesting</li> </ul>	<ul style="list-style-type: none"> <li>➤ Exposure trips</li> <li>➤ Exhibition</li> </ul>	✓	✓



**Chapter-7: Contd/-**

1	2	3	4	5	6
<b>Other agricultural crops:</b> a) Pulses (Rice bean, Cowpea, Kholar, Arhar)	Improvement of pulses production in the district.	<ul style="list-style-type: none"> <li>➤ To promote HYV</li> <li>➤ To promote organic production</li> <li>➤ To promote IPM/INM</li> <li>➤ To promote inter cropping</li> <li>➤ To promote Bio-fertilizers and Bio-pesticides</li> <li>➤ To promote jhum intensification</li> </ul>	<ul style="list-style-type: none"> <li>➤ Farmers trainings</li> <li>➤ Procurement from registered seed company</li> <li>➤ Adoption of Bio-agents</li> <li>➤ Trials &amp; demonstration</li> <li>➤ Exposure trips</li> </ul>	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓
5. Farm machineries	Use of improved farm mechanized tools and local tools and implements promotion	<ul style="list-style-type: none"> <li>➤ Promotion of use of improved far tools &amp; machineries like Power Tiller, Tractors, Weeder, Seed driller etc.</li> <li>➤ Promotion in production of indigenous tools &amp; implements. To increase efficacy in sowing, hoeing, weeding, intercultural operation, insect pest control tools etc.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Demonstration training at Block level</li> <li>➤ Procurement of tools and machineries at subsidized rate.</li> <li>➤ Production of indigenous tools by FIG's expert</li> <li>➤ Demonstration training on use of tools and implements</li> </ul>	✓ ✓ ✓ ✓	✓ ✓ ✓ ✓
6. Organic farming	To promote organic farming for a selected crops	<ul style="list-style-type: none"> <li>➤ Undertaking organic production for sticky rice, Brown rice</li> <li>➤ Organic farming for pulses</li> <li>➤ Organic certification and adoption of ICS etc.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Farmers trainings</li> <li>➤ Identification of areas</li> <li>➤ Identification of FIG's/ Farmers</li> <li>➤ Demonstration and Trials, farm establishment</li> </ul>	✓ ✓ ✓	✓ ✓ ✓
<b>2. Horticulture:</b> 1) Passion fruit	Productivity improvement by overcoming technology gap	<ul style="list-style-type: none"> <li>➤ Promotion of HYV's</li> <li>➤ Promotion of IPM/ INM</li> <li>➤ Use of trailing system</li> <li>➤ Use of Vermi compost</li> <li>➤ Post harvest technology</li> <li>➤ Value addition</li> <li>➤ Market linkages</li> <li>➤ Promotion of organic production</li> <li>➤ Market survey</li> </ul>	<ul style="list-style-type: none"> <li>➤ Farmers training</li> <li>➤ Input support</li> <li>➤ Market support</li> <li>➤ Trials and demonstration</li> <li>➤ Processing's</li> <li>➤ Market linkages</li> </ul>	✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓
2. Banana	<ol style="list-style-type: none"> <li>1. To increase the productivity</li> <li>2. To reduce post harvest loses</li> </ol>	<ul style="list-style-type: none"> <li>➤ More plant density and correct planting methods</li> <li>➤ De-suckering</li> <li>➤ Harvesting at correct stage</li> <li>➤ Proper loading and transporting</li> </ul>	<ul style="list-style-type: none"> <li>➤ Demonstration</li> <li>➤ Training</li> <li>➤ Exposure visit</li> </ul>	✓ ✓ ✓	✓ ✓ ✓
3) Vegetables (Cabbage, Tomato, Pea, Radish, Carrot, Turnip, Brinjal, Chilly etc)	To increase production by adopting modern technology	<ul style="list-style-type: none"> <li>➤ Promotion of HYV's</li> <li>➤ Promotion of IPM/INM</li> <li>➤ Promotion of Vermi compost</li> <li>➤ Promotion of organic vegetable production</li> <li>➤ Use of Bio-fertilizers</li> <li>➤ Use of Micro-nutrients</li> <li>➤ Promotion of post harvest technology</li> <li>➤ Cold storage</li> </ul>	<ul style="list-style-type: none"> <li>➤ Farmers' trainings</li> <li>➤ Input support</li> <li>➤ Trials and demonstration</li> <li>➤ Market linkages support</li> <li>➤ Release of Bio-agents</li> <li>➤ Exposure trips</li> </ul>	✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓
4. Ginger	<ol style="list-style-type: none"> <li>1. To increase the productivity</li> <li>2. To reduce post harvest loses</li> </ol>	<ul style="list-style-type: none"> <li>➤ Seed treatment</li> <li>➤ Timely and proper harvesting</li> </ul>	<ul style="list-style-type: none"> <li>➤ Training</li> <li>➤ Demonstration</li> </ul>	✓ ✓	✓ ✓

**Chapter-7: Contd/-**

1	2	3	4	5	6
<b>Others</b> <b>Horticultural</b> <b>crops:</b> i) Large cardamom	Organic production of large Cardamom capsule	<ul style="list-style-type: none"> <li>➤ Promotion of organic farming</li> <li>➤ Promotion of IPM</li> <li>➤ Use of Bio-pesticides</li> <li>➤ Improvement of drying processes</li> <li>➤ Undertaking organic certification</li> <li>➤ Promoting a Kisan nursery</li> <li>➤ Research need of Cardamom decline</li> <li>➤ Market survey</li> </ul>	<ul style="list-style-type: none"> <li>➤ Farmers training</li> <li>➤ Input support</li> <li>➤ Procurement of drying machine</li> <li>➤ Establishment of more Kisan nursery</li> <li>➤ Research works for Cardamom decline</li> <li>➤ Exposure trips</li> <li>➤ Market linkages</li> </ul>	✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓ ✓
ii) Orchards (Peach, Plum, Pear)	To increase production of fruits in the district by overcoming technology gaps	<ul style="list-style-type: none"> <li>➤ Promotion of organic farming</li> <li>➤ Promotion of IPM?INM</li> <li>➤ Promotion of hybrid varieties</li> <li>➤ Promotion of processing units</li> <li>➤ Production and marketing</li> <li>➤ Research need for quality of seeds</li> </ul>	<ul style="list-style-type: none"> <li>➤ Farmers training</li> <li>➤ Input/ planting material support</li> <li>➤ Establishment of processing unit</li> <li>➤ Market support</li> <li>➤ Research works</li> </ul>	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓
<b>3. Soil &amp; Water Conservation</b> a) Natural resource development	1. Management of Soil Erosion in shifting cultivation 2. Conservation activities viewed as an additional burden 3. Increasing the knowledge of technical know-how 4. Water resource not harnessed, thereby drought like situation is a common occurrence during dry spell 5. Traditional farming system i.e. jhuming plays a major role in jeopardizing the ecological balance 6. In-situ top soil conservation	<ul style="list-style-type: none"> <li>➤ Awareness in soil conservation method</li> <li>➤ Improved soil conservation measures</li> <li>➤ Promotion of cover crops for soil conservation</li> <li>➤ Promotion of composting of soil fertility replenishment</li> <li>➤ Promotion of hedge crops</li> <li>➤ Fallow land management</li> <li>➤ Knowledge of technical know-how</li> <li>➤ Alder based jhuming- a sustainable agricultural farming approach</li> <li>➤ Harnessing the water resources</li> <li>➤ Discourage jhuming</li> <li>➤ Promote INM/ GM</li> <li>➤ Poor soil fertility</li> </ul>	<ul style="list-style-type: none"> <li>➤ Education campaign by way of interaction, distribution of printed literatures, exposure trips</li> <li>➤ Motivation through Ghostis</li> <li>➤ Extensive workshop and field demonstration</li> <li>➤ Farmers training at project level</li> <li>➤ Contour bunding</li> <li>➤ Trench terracing</li> <li>➤ Trials &amp; demonstration of cover crops/ GM/ Hedges.</li> <li>➤ Discourage jhuming</li> <li>➤ Water harvesting ponds</li> <li>➤ Bank stabilization</li> <li>➤ Awareness/ Trainings/ Exposure trips</li> </ul>	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓
b) Soil test	Testing of NPK & micro nutrients	<ul style="list-style-type: none"> <li>➤ Soil fertility status in Orchard, Cash crops, present TRC paddy</li> <li>➤ Soil map of villages for farmers guide</li> <li>➤ Fertilizer recommendation</li> </ul>	<ul style="list-style-type: none"> <li>➤ Soil sample collection &amp; analysis</li> <li>➤ Mapping</li> <li>➤ Documentation</li> </ul>	✓ ✓ ✓	✓ ✓ ✓

Chapter-7: Contd/-

1	2	3	4	5	6
<p><b>4. Sericulture</b> Mulberry/Eri silk worm</p>	<p>1. Increase in quantity &amp; quality of leaves 2. Production of quality mulberry silkworm eggs suited to local condition 3. Production of quality and quantity of cocoons 4. Control of diseases &amp; pest on plant &amp; silkworms</p>	<p>➤ Introduction of correct method of plantation ➤ Expansion of areas of host plant cultivation ➤ Expansion of women household production of Eri worm ➤ Development of good seed (Egg) production centres ➤ To activate handloom activities in the district. ➤ Proper rearing &amp; spinning ➤ Introduction of motorized spinning machine ➤ Promotion of shuttle handloom ➤ Promotion of IPM/INM in host plant cultivation.</p>	<p>➤ Farmers training ➤ Demonstration ➤ Awareness programme ➤ Exposure trips to advanced areas (Assam/ West Bengal) ➤ Input support</p>	<p>✓ ✓ ✓ ✓</p>	<p>✓ ✓ ✓ ✓</p>
<p><b>5. Land Resources</b> 1. Patchouli &amp; Geranium &amp; Lemon grass</p>	<p>To increase production and productivity of Patchouli, Geranium &amp; Lemon grass</p>	<p>➤ Promotion of Patchouli, Geranium, Lemon grass ➤ Introduction of disease free high yielding varieties ➤ Promotion of IPM methods ➤ Promotion of organic farming ➤ Irrigation, Weed &amp; post harvest management</p>	<p>➤ Procurement of HYV and disease free seedlings ➤ Farmers training on package of practices ➤ Trials and demonstration ➤ Marketing linkages ➤ Exposure trips</p>	<p>✓ ✓ ✓ ✓ ✓</p>	<p>✓ ✓ ✓ ✓ ✓</p>
<p>2. Indigenous medicinal plants</p>	<p>Preservation and promotion of local medicinal plants</p>	<p>➤ Identification &amp; documentation ➤ Establishing forums for practitioners of local medicinal plants ➤ Encourage cultivation of local medicinal plants like Centella asiatica, lemon balm, wild passion fruit etc.</p>	<p>➤ Training on identification, propagation and documentation of indigenous medicinal plants ➤ Training on proper use, experience sharing by local practitioners</p>	<p>✓ ✓</p>	<p>✓ ✓</p>
<p>3. Agro-forestry</p>	<p>Identification &amp; diversification of MAP and species crop</p>	<p>➤ Encourage FIG's &amp; SHG's.</p>	<p>➤ Training on mixed cropping</p>	<p>✓</p>	<p>✓</p>

Chapter-7: Contd/-

1	2	3	4	5	6
<b>6. Fishery</b> a) Intensification of fish production	1. To increase productivity of fish 2. Expansion of composite pesiculture in the available water bodies 3. Oxygen depletion in pond water 4. Disease free finger ling production 5. Paddy cum fish culture- a popular fish production of the district	<ul style="list-style-type: none"> <li>➤ Renovation of available tanks in the village</li> <li>➤ Renovation of ponds in the fields</li> <li>➤ Brooder fish production in irrigated fields.</li> <li>➤ Technology for fish seed production</li> <li>➤ Brooder fish management in TRC/WTRC fields</li> <li>➤ Water management</li> <li>➤ Selection of fish (not grass carp which will eat up paddy plants)</li> <li>➤ Timely supply of fish fingerlings</li> <li>➤ Brooder fish pond management</li> </ul>	<ul style="list-style-type: none"> <li>➤ Farmers training at village &amp; Block level &amp; demonstration</li> <li>➤ Pond renovation</li> <li>➤ Fingerling support</li> <li>➤ Identification of FIG/Rural youth groups for fish seed production</li> <li>➤ Awareness &amp; Exposure trips</li> <li>➤ Brooder fish supply</li> <li>➤ Brooder fish pond improvement/ renovation</li> </ul>	✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓ ✓
<b>7. Veterinary &amp; Animal Husbandry</b> a) Cow	To increase milk production of Cow	<ul style="list-style-type: none"> <li>➤ Breed up gradation through A.I</li> <li>➤ Improving feed and fodder management</li> <li>➤ Improving health care</li> <li>➤ Feeding of minerals &amp; Vitamins as supplements.</li> <li>➤ Improve knowledge about animal health and hygiene</li> <li>➤ Improving general management practices</li> </ul>	<ul style="list-style-type: none"> <li>➤ Training of farmers at village level</li> <li>➤ Organic demonstration</li> <li>➤ Procure vaccines of demand</li> <li>➤ Health care camps &amp; introduce A.I.</li> <li>➤ Exposure trips</li> </ul>	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓
b) Pig	To increase productivity	<ul style="list-style-type: none"> <li>➤ Breed up gradation by cross breed</li> <li>➤ Improving fodder &amp; feed management</li> <li>➤ Improving health care</li> <li>➤ Improving general management practices</li> </ul>	<ul style="list-style-type: none"> <li>➤ Trainings &amp; Demonstrations</li> <li>➤ Awareness</li> <li>➤ Health care camps</li> <li>➤ Exposure visits</li> </ul>	✓ ✓ ✓ ✓	✓ ✓ ✓ ✓
a) Poultry	For increased production of chicken	<ul style="list-style-type: none"> <li>➤ Encouraging commercial poultry farming</li> <li>➤ Improved feed management</li> <li>➤ Improving general management practices</li> </ul>	<ul style="list-style-type: none"> <li>➤ Farmers trainings &amp; demonstration</li> <li>➤ Awareness</li> <li>➤ Exposure visits</li> </ul>	✓ ✓ ✓	✓ ✓ ✓

**Chapter-7: Contd/-**

1	2	3	4	5	6
<p><b>8. Private- Private partnership</b></p>	<p>1. Promotion of private- private partnership in increasing production of livestock &amp; poultry</p>	<p>a) Increase the production of livestock &amp; poultry b) Establishing buy back system</p>	<p>➤ Linkage between farmers &amp; reputed hatcheries/ Livestock ➤ Inviting private companies ➤ Formation of CIG/ FIG ➤ Motivation through exposure ➤ Awareness through media</p>	<p>✓ ✓ ✓ ✓</p>	<p>✓ ✓ ✓ ✓</p>
	<p>2. To promote private- private for marketing of organically grown produce like fruits, Ginger, Mustard Patchouli higher prices</p>	<p>To fetch higher prices</p>	<p>➤ Invite private companies and buyers ➤ Publicity through media like T.V, internet (Website) ➤ Exhibition at metropolitan cities ➤ Trade fairs</p>	<p>✓ ✓ ✓ ✓</p>	<p>✓ ✓ ✓ ✓</p>
	<p>3. Strengthening APMC</p>	<p>Regular monitoring and supervision from Govt. encouraging farmers' involvement, financial support from Govt. etc.</p>	<p>➤ Timely meeting of APMC ➤ Motivating farmers for involvement ➤ Awareness ➤ Constant contact with Govt. agencies ➤ Creation of corpus fund</p>	<p>✓ ✓ ✓ ✓ ✓</p>	<p>✓ ✓ ✓ ✓ ✓</p>
	<p>4. Promotion of private-private partnership in increasing production of cocoon, Yarn, silk fabric</p>	<p>a) Introduction of high yielding variety b) Encourage SHG's</p>	<p>➤ Exhibitions ➤ Linkage between yarn producers and weavers</p>		
<p><b>9. Public private partnership</b></p>	<p>Strengthening the existing dairy federation by formation of more milk unions and increasing their activities</p>	<p>Increasing the membership of milk unions</p>	<p>➤ Motivation ➤ Exposure trips</p>	<p>✓ ✓</p>	<p>✓ ✓</p>
<p><b>10 . Mechanization</b></p>	<p>1. To reduce the cost of labour in paddy and other TRC cropping 2. To encourage double cropping in the TRC to commercialize the agricultural goods to increase the production</p>	<p>➤ Introduction of Power Tillers/ Tractors ➤ Paddy, Vegetable, Maize, possibility of double cropping</p>	<p>➤ Motivation to form CIG's/ FIG's ➤ Demonstration ➤ Training ➤ Demonstration ➤ Training ➤ Exposure trips</p>	<p>✓ ✓ ✓ ✓ ✓</p>	

**Chapter -7: Contd/-**

1	2	3	4	5	6
<p><b>11. Marketing</b></p>	<p>1. Setting up the regulated market through the APMC</p> <p>2. Setting up of information centres</p> <p>3. Encourage the APMC for transport facility</p> <p>4. Introduction of zero energy cold chambers</p> <p>5. Increasing the profitability by decreasing the percentage of post harvest losses</p>	<p>➤ To eliminate middlemen and provide competitive price to the farmers produce</p> <p>➤ Information about prices</p> <p>➤ Demand in different markets</p> <p>➤ To reduce post harvest losses and increase shelf life</p> <p>➤ Harvesting/ handling/ grading and packaging skills</p>	<p>➤ Awareness</p> <p>➤ Formation of CIG's/ FIG's</p> <p>➤ Formation of VMC/ APMC</p> <p>➤ Awareness about information kiosks/ centres among farmers.</p> <p>➤ Promotion of village youth to start information kiosks.</p> <p>➤ Formation of APMC/ VMC</p> <p>➤ Formation of CIGs</p> <p>➤ Awareness campaign</p> <p>➤ Demonstration in method &amp; result</p> <p>➤ Exposure visits</p> <p>➤ Training</p> <p>➤ Demonstration</p> <p>➤ Exposure trips to sabji mandi &amp; regulated markets</p>	<p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p>	<p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p>
<p><b>12. Promotion of FO's and CIG's</b></p>	<p>Procurement of inputs, sale of produce, elimination of middlemen, fetch higher prices, and to increase production and income of farmers</p>	<p>➤ Formation of FIG's to assemble and dispose the crops/ commodities</p>	<p>➤ Awareness campaign</p> <p>➤ Motivation</p> <p>➤ Exposure visits</p> <p>➤ Training for maintaining records and to form federations</p>	<p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p>	<p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p>

## **Chapter 8**

### **District Action Plan 2009-11**

**Chapter-8**  
**DISTRICT ACTION PLAN (DAP)**  
**ATMA-KOHIMA DISTRICT FOR 2009-10 & 2010-11.**

(Rs. In lakhs)

Sl. No.	Activities to be taken up during 2009-11	Unit		Total Unit	Justification	Cost norms (Rate/unit)	2009-10	2010-11	Total amount (Rs)	Remarks
		2009-10	2010-11							
1	2	3	4	5	6	7	8	9	10	11
<b>A</b>	<b>FARMERS ORIENTED ACTIVITIES</b>									
1	Development of DAP & BAP	DAP-1 BAP-4	-	1	Preparation & Development of DAP & BAP as per GOI guidelines	1.00	1.00	-	1.00	DAP & BAP
2	<b>Farmers Training</b>									
	a) At District level	5	5	10	Covering all four Blocks and two crop seasons (Kharif & Rabi)	0.16	0.81	0.81	1.62	During 2009-11
	b) At village level	20	16	36	Farmers training at village level in four Blocks by each BTT in two crop seasons i.e. Kharif & Rabi	0.085	1.71	1.37	3.08	Block level during 2009-11
3	Organizing demonstration	40	40	80	Demonstration to be carried out by each BTT covering 2 crop seasons. Hence cost of demonstration is increased	0.01 (Max)	2.00	2.00	4.00	Rs. 5000/- per demonstration in the Block level
4	<b>Exposure Visits</b>									
	a) Inter-State & Inter- District	4	4	8	In case of Inter-State exposure visit all 4 Block farmers will combine and accordingly unit maybe reduced	0.75 for a group of 20 farmers for 15 days including DA/TA	3.00	3.00	6.00	District & Block level
	b) District level	1	1	2	In case of district exposure visit all 4 blocks will combine	0.50 for a group of 15 farmers for 4 days including DA/TA	0.50	0.50	1.00	District level
	c) Block level	4	4	8	Farmers from each block will visit separately within the blocks	0.25 for a group of 10 farmers including DA/TA	1.00	1.00	2.00	Block level
5	<b>Mobilization of farmers group of different types including Farmer Interest Group, Women Groups, Farmer Organizations, Commodity Organizations &amp; Farmer Co-operatives etc.</b>									
	a) Their Capacity building, Skill Development & Support Services	21Group / FIG's	21 rous/ FIG's	42	To cover FIG's/CIG's, & Women Groups, FO's and Farmers Co-operatives in 4 Blocks as per identification	Rs. 10,000/group	2.10	2.10	4.20	Block level
	b) Seed Money/ Revolving Fund	21groups / FIG's	21groups / FIG's	42			2.10	2.10	4.20	Block level
6	<b>Rewards &amp; incentives:</b>									
	Best organized group representing different Enterprises (5 groups)	5 FIG's	5 FIG's	10 FIG's	To create peer pressure for effective extension services	Rs. 20,000/-	1.00	1.00	2.00	2009-11 at Dist. level



**Chapter-8: Contd.**

1	2	3	4	5	6	7	8	9	10	11
<b>B FARM INFORMATION DISSEMINATION:</b>										
1	District Level exhibitions/Kisan Mela's, Fruits/ Vegetables shows	3	3	6	To organize on Independence Day & Republic day in the district level	1.00	3.00	3.00	6.00	Dist. level
2	Information dissemination through printed leaflets. And Local advertisements	LS	LS	LS	Printing of leaflets in local dialects and advertisements	2.50	2.50	2.50	5.00	District Level & Block level if necessary
3	Development of Technology packages on electronic form to be shared through IT network	2	3	5	To prepare and produce CD's on Technology packages for further dissemination	0.30 (Cost of production of one CD)	0.60	0.90	1.50	District Level
<b>C AGRICULTURAL TECHNOLOGY REFINEMENT, VALIDATION AND ADOPTION:</b>										
1	Farmers Scientist Interactions at district level 25 farmers for 2 days	3	3	6	For Farmers Scientist Interaction	0.10	0.30	0.30	0.60	District level & Block level if necessary
2	Organization of field days and Kisan Ghostis to strengthen research-extension-Farmer linkages (1/block in each season)	8 Ghostis 8 field days	8 Ghostis 8 field days	16 Ghostis 16 field days	To strengthen Research-Extension-Farmers linkages in the Block Level	0.15/ Ghostis 0.10/ field days	2.00	2.00	4.00	Block Level
3	Assessment, Refinement, Validation and adoption of frontline technologies and other short term researchable issues through KVK's and other local research centres	4 frontline demonstration with KVK	4 frontline demonstration with KVK	8 frontline demonstration with KVK	Adoption of frontline technologies and demonstration with KVK's.	1.00	1.00	1.00	2.00	Block Level

Chapter-8: Contd.

1	2	3	4	5	6	7	8	9	10	11
<b>D</b>	<b>ADMINISTRATIVE/ CAPITAL EXPENSES:</b>									
1	<b>Establishment of ATMA like Institutions-</b>									
	<b>RECURRING:</b>									
	* Pay & allowances	-	-	-	To be borne by state govt.	-	-	-	-	-
	* TA/DA	-	-	1 AMC/GB & 4 blocks	To cover TA/DA of GB/AMC members and BTT/ FAC members at block level	1.00	1.00	1.00	2.00	District Level & Block level if necessary
	* Operational expenses for district level	-	-	1 District	To meet operational expenses including Office expenses, stationeries, equipments etc. at district level and block level	2.00	2.00	2.00	4.00	District level
	* Operational expenses exclusively for block level	-	-	4 Blocks		2.00	2.00	2.00	4.00	Block level
	* Hiring of vehicles	-	-	1 district	To meet POL and hiring charges at district level & block level	1.00	1.00	1.00	2.00	District level
	<b>NON-RECURRING:</b>									
	* Equipment	1 LCD	-	1 LCD	-	1.50	1.50	-	1.50	District level
	* Civil works and Re-furnishing of ATMA Office	-	-	-	-	-	-	-	-	-
2	Establishment of block level Farm Information Advisory Centres (FIAC's) -Providing IT applications for effective connectivity	-	-	4 FIAC	To establish 4 FIAC as per guidelines	0.25/block	1.00	1.00	2.00	Block level
<b>E</b>	<b>INNOVATIVE ACTIVITIES - DISTRICT LEVEL:</b>									
1	Support for district level Training Institutions- It may include both "Operational Expenses" and Non-recurring expenditure	1	1	1 district	Support to Training Institutions in the ATMA District as per guidelines to be approved by GB.	2.50	2.50	2.50	5.00	District level
2	Setting up of CRS (Community Radio Station)	1	1	1 district	Dissemination of Agril. Information through CRS by involving KVK's	-	-	-	-	District level
3	Other Innovative programmes	3	3	1 district	Innovative activities not covered and relevant for the district	LS	3	3	6.00	
<b>Total:</b>		-	-	-	-	-	-	-	<b>70.00</b>	-

## **Chapter 9A**

### **Block Action Plan for 2009-2010**

**Chapter-9A**

**BLOCK ACTION PLAN (BAP) ATMA-KOHIMA DISTRICT  
PHYSICAL & FINANCIAL FOR 2009-10**

Rs. in lakhs

Sl. No.	Activities to be carried out	No. of Units	Fund availability	Name of FIAC/ Blocks								Remarks
				Kohima		Jakhama		Chiephob-ozou		Tseminvu		
				Unit	Amount	Unit	Amount	Unit	Amount	Unit	Amount	
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>A</b>	<b>FARMERS ORIENTED ACTIVITIES</b>											
1	Developing DAP & BAP	4 (AP)	1.00	1	0.20	1	0.20	1	0.20	1	0.20	0.20 for DAP & 0.80 for BAP
2	<b>Farmers Training:</b>											
	a) At District level	5 Trgs.	0.81	-	-	-	-	-	-	-	-	@16125/Trg
	b) At village level	20 Trgs	1.71	5	0.420	5	0.430	5	0.430	5	0.430	@ 8550/Trg
3	Organizing demonstration	40 Demos.	2.00	10	0.50	10	0.50	10	0.50	10	0.50	Demos to be decided by BTT for each depts.
4	<b>Exposure Visit</b>											
	a) Inter-state & Inter district	4	3.00	1	0.75	1	0.75	1	0.75	1	0.75	AMC & BTT to decide
	b) District level	1	0.50	-	-	-	-	-	-	-	-	AMC & BTT to decide
	c) Block level	4	1.00	1	0.25	1	0.25	1	0.25	1	0.25	BTT to decide
5	<b>Mobilization of farmers group of different types including Farmer Interest Group, Women Groups, Farmer Organizations, Commodity Organizations &amp; Farmer Co-operatives etc.</b>											
	a) Their Capacity building, Skill Development & Support Services	21 Groups/ FIG's	2.10	5	0.50	5	0.50	5	0.50	6	0.60	FIG's @ 10000/group
	b) Seed Money/ Revolving Fund	21 Groups/ FIG's	2.10	5	0.50	5	0.50	5	0.50	6	0.60	FIG's @ 10000/group
6	<b>Rewards &amp; incentives:</b>											
	Best organized group representing different Enterprises (5 groups)	5 FIG's	1.00	1	0.20	1	0.20	1	0.20	2	0.40	GB & AMC to decide

**Chapter-9A: contd/-**

1	2	3	4	5	6	7	8	9	10	11	12	13
<b>B FARM INFORMATION DISSEMINATION:</b>												
1	District Level exhibitions/Kisan Mela's, Fruits/ Vegetables shows	3 times	3.00	-	-	-	-	-	-	-	-	AMC to decide
2	Information dissemination through printed leaflets and Local advertisements	L.S	2.50	-	-	-	-	-	-	-	-	AMC & BTT to decide
3	Development of Technology packages on electronic form to be shared through IT network	2 units	0.60	-	-	-	-	-	-	-	-	AMC to decide
<b>C AGRICULTURAL TECHNOLOGY REFINEMENT, VALIDATION AND ADOPTION:</b>												
1	Farmers Scientist Interactions at district level 25 farmers for 2 days	3 times	0.30	-	-	-	-	-	-	-	-	AMC & BTT to decide
2	Organization of field days and Kisan Ghostis to strengthen Research-Extension-Farmer linkages (1/block in each season)	8 Ghostis	2.00	2	0.30	2	0.30	2	0.30	2	0.30	@ 15000/ Ghostis
		8 field days		2	0.20	2	0.20	2	0.20	2	0.20	@ 10000/ Field day
3	Assessment, Refinement, Validation and adoption of frontline technologies and other short term researchable issues through KVK's and other local research centres	4 FLDs & research issues with KVK	1.00	1	0.25	1	0.25	1	0.25	1	0.25	BTT to decide
<b>D ADMINISTRATIVE/ CAPITAL EXPENSES:</b>												
1	<b>Establishment of ATMA like Institutions-</b>											
	<b>RECURRING:</b>											
	* Pay & allowances	-	-	-	-	-	-	-	-	-	-	To be borne by state govt. only
	* TA/DA	1 GB/ 1 AMC & 4 blocks	1.00	1	0.15	1	0.15	1	0.15	1	0.15	BTT & FAC 0.60 GB/AMC 0.40
	* Operational expenses for district level	1 unit	2.00	-	-	-	-	-	-	-	-	AMC to decide
	* Operational expenses exclusively for block level	4 blocks	2.00	1	0.50	1	0.50	1	0.50	1	0.50	BTT/FAC to decide
	* Hiring of vehicles	1 GB/AMC & 4 blocks	1.00	1	0.10	1	0.10	1	0.10	1	0.10	0.40 for BTT 0.60 for AMC
	<b>NON-RECURRING:</b>											
	* Equipment	1 LCD	1.50	-	-	-	-	-	-	-	-	District level
	* Civil works and Re-furnishing of ATMA Office	-	-	-	-	-	-	-	-	-	-	
2	Establishment of block level Farm Information Advisory Centres (FIAC's) -Providing IT applications for effective connectivity	4 FIAC	1.00	1	0.25	1	0.25	1	0.25	1	0.25	For FIAC & IT applications
<b>E INNOVATIVE ACTIVITIES - DISTRICT LEVEL:</b>												
1	Support for district level Training Institutions- It may include both "Operational Expenses" and Non-recurring expenditure	1	2.50	-	-	-	-	-	-	-	-	GB & AMC to decide
2	Setting up of CRS (Community Radio Station)	Nil	-	-	-	-	-	-	-	-	-	GB & AMC to decide
<b>Total:</b>		-	-	-	<b>5.07</b>	-	<b>5.08</b>	-	<b>5.08</b>	-	<b>5.48</b>	-

## **Chapter 9B**

### **Block Action Plan for 2010-2011**

## Chapter-9B

### BLOCK ACTION PLAN (BAP) ATMA-KOHIMA DISTRICT PHYSICAL & FINANCIAL FOR 2010-11

Rs. in lakhs

Sl. No.	Activities to be carried out	No. of Units	Fund availability	Name of FIAC/ Blocks								Remarks
				Kohima		Jakhama		Chiephob-ozou		Tseminyu		
				Unit	Amount	Unit	Amount	Unit	Amount	Unit	Amount	
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>A</b>	<b>FARMERS ORIENTED ACTIVITIES</b>											
1	Developing DAP & BAP	-	-	-	-	-	-	-	-	-	-	Bi-annual plan prepared during 2009-10
2	<b>Farmers Training:</b>											
	a) At District level	5 Trgs.	0.81	-	-	-	-	-	-	-	-	@16125/Trg
	b) At village level	16 Trgs	1.37	4	0.342	4	0.342	4	0.342	4	0.343	@ 8550/Trg
3	Organizing demonstration	40 Demos.	2.00	10	0.50	10	0.50	10	0.50	10	0.50	Demos to be decided by BTT for each deptts.
4	<b>Exposure Visit</b>											
	a) Inter-state & Inter district	4	3.00	1	0.75	1	0.75	1	0.75	1	0.75	AMC & BTT to decide
	b) District level	1	0.50	-	-	-	-	-	-	-	-	AMC & BTT to decide
	c) Block level	4	1.00	1	0.25	1	0.25	1	0.25	1	0.25	BTT to decide
5	<b>Mobilization of farmers group of different types including Farmer Interest Group, Women Groups, Farmer Organizations, Commodity Organizations &amp; Farmer Co-operatives etc.</b>											
	a) Their Capacity building, Skill Development & Support Services	21 Groups/ FIG's	2.10	5	0.50	5	0.50	5	0.50	6	0.60	FIG's @ 10000/group
	b) Seed Money/ Revolving Fund	21 Groups/ FIG's	2.10	5	0.50	5	0.50	5	0.50	6	0.60	FIG's @ 10000/group
6	<b>Rewards &amp; incentives:</b>											
	Best organized group representing different Enterprises (5 groups)	5 FIG's	1.00	1	0.20	1	0.20	1	0.20	2	0.40	GB & AMC to decide

**Chapter-9B: contd/-**

1	2	3	4	5	6	7	8	9	10	11	12	13	
<b>B FARM INFORMATION DISSEMINATION:</b>													
1	District Level exhibitions/Kisan Mela's, Fruits/ Vegetables shows	3 times	3.00	-	-	-	-	-	-	-	-	AMC to decide	
2	Information dissemination through printed leaflets and Local advertisements	L.S	2.50	-	-	-	-	-	-	-	-	AMC & BTT to decide	
3	Development of Technology packages on electronic form to be shared through IT network	3 units	0.90	-	-	-	-	-	-	-	-	AMC to decide	
<b>C AGRICULTURAL TECHNOLOGY REFINEMENT, VALIDATION AND ADOPTION:</b>													
1	Farmers Scientist Interactions at district level 25 farmers for 2 days	3 times	0.30	-	-	-	-	-	-	-	-	AMC & BTT to decide	
2	Organization of field days and Kisan Ghostis to strengthen Research-Extension-Farmer linkages (1/block in each season)	8 Ghostis	2.00	2	0.30	2	0.30	2	0.30	2	0.30	@ 15000/ Ghostis	
		8 field days		2	0.20	2	0.20	2	0.20	2	0.20	@ 10000/ Field day	
3	Assessment, Refinement, Validation and adoption of frontline technologies and other short term researchable issues through KVK's and other local research centres	4 FLDs & research issues with KVK	1.00	1	0.25	1	0.25	1	0.25	1	0.25	BTT to decide	
<b>D ADMINISTRATIVE/ CAPITAL EXPENSES:</b>													
1	<b>Establishment of ATMA like Institutions-</b>												
	<b>RECURRING:</b>												
	* Pay & allowances	-	-	-	-	-	-	-	-	-	-	To be borne by state govt. only	
	* TA/DA	1 GB/ 1 AMC & 4 blocks	1.00	1	0.15	1	0.15	1	0.15	1	0.15	BTT & FAC 0.60 GB/AMC 0.40	
	* Operational expenses for district level	1 unit	2.00	-	-	-	-	-	-	-	-	AMC to decide	
	* Operational expenses exclusively for block level	4 blocks	2.00	1	0.50	1	0.50	1	0.50	1	0.50	BTT/FAC to decide	
	* Hiring of vehicles	1 GB/AMC & 4 blocks	1.00	1	0.10	1	0.10	1	0.10	1	0.10	0.40 for BTT 0.60 for AMC	
	<b>NON-RECURRING:</b>												
	* Equipment	Nil	-	-	-	-	-	-	-	-	-	-	District level
	* Civil works and Re-furnishing of ATMA Office	-	-	-	-	-	-	-	-	-	-	-	
2	Establishment of block level Farm Information Advisory Centres (FIAC's) -Providing IT applications for effective connectivity	4 FIAC	1.00	1	0.25	1	0.25	1	0.25	1	0.25	For FIAC & IT applications	
<b>E INNOVATIVE ACTIVITIES - DISTRICT LEVEL:</b>													
1	Support for district level Training Institutions- It may include both "Operational Expenses" and Non-re-curring expenditure	1	2.50	-	-	-	-	-	-	-	-	GB & AMC to decide	
2	Setting up of CRS (Community Radio Station)	Nil	-	-	-	-	-	-	-	-	-	GB & AMC to decide	
<b>Total:</b>		-	-	-	<b>4.79</b>	-	<b>4.79</b>	-	<b>4.79</b>	-	<b>5.19</b>	-	



## **Chapter 10**

### **Block-wise Fund Allocation**

Chapter-10.

**ATMA-KOHIMA DISTRICT  
BLOCK WISE FUND ALLOCATION DURING 2009-10 & 2010-11**

Sl. No.	Name of block	AES	Amount (Rs. in lakhs)		Total	% age.
			2009-10	2010-11		
1	Kohima	I	5.07	4.79	9.86	14.08 %
2	Jakhama	I	5.08	4.79	9.87	14.10 %
3	Chiephobozou	II	5.08	4.79	9.87	14.10 %
4	Tseminyu	II	5.48	5.19	10.67	15.24 %
<b>Total:</b>			<b>20.71</b>	<b>19.56</b>	<b>40.27</b>	<b>57.52 %</b>