

ATMA- KOHIMA DISTRICT

BTT/ BLOCK-WISE PROFILE:

| Sl. No. | Particulars | BTT Kohima | BTT Chieph-o bozou | BTT Jakhama | BTT Tseminyu | Total | |
|---------|----------------------------|--------------|--------------------|-------------|--------------|--------|-------|
| 1 | Geographical area (Sq. KM) | 309 | 505 | 217 | 564 | 1595 | |
| 2 | Total No. of villages | 14 | 28 | 13 | 33 | 88 | |
| 3 | Population (Nos) | 36621 | 29601 | 38768 | 43784 | 148774 | |
| 4 | Total Household (Nos) | 5478 | 5437 | 6404 | 6841 | 24160 | |
| 5 | Literacy (%) | 68 | 75 | 78 | 76 | - | |
| 6 | Land holding | Marginal (%) | 10.52 | 75.72 | 86.58 | 14.59 | 46.88 |
| | | Small (%) | 82.10 | Nil | 12.19 | 22.14 | 29.10 |
| | | Medium (%) | 7.36 | 19.41 | 1.21 | 38.92 | 16.73 |
| | | Large (%) | Nil | 4.85 | Nil | 24.33 | 7.29 |
| 7 | Irrigated (Ha) | 1712 | 1922 | 2065 | 427 | 6126 | |
| 8 | Rainfed (Ha) | 74 | 2939 | 1111 | 4956 | 9747 | |
| 9 | Forest area (Ha) | 17017 | 22890 | 8238 | 1123 | 49268 | |
| 10 | Resource status | RR- 20 % | RR- 10 % | RR- 15 % | RR- 10 % | - | |
| | | RP- 80 % | RP- 90 % | RP- 85 % | RP- 90 % | - | |
| 11 | Spread of AES | I | II | I | II | - | |

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 | |

BTT MEMBERS TSEMINYU BLOCK

| Sl. No. | Name | Designation | Department | Telephone/ Mobile No. |
|----------------|---------------------|--------------------|-------------------|--------------------------------------|
| 1 | Shri. B Imti Tzüdir | SDAO Tsemenyu | Agriculture | 9436071545 (M) 0370-2235059 (O) |
| 2 | Shri. Myansao Lotha | SDA Tsemenyu | Soil & W.C | 9436010035 (M) 0370- 2223349 (O) |
| 3 | Shri. Yhuntilo | SCA | Soil & W.C | - |
| 4 | Shri. Rushulo | AFI | Fishery | 9436042580 (M) |
| 5 | Shri. Yazüno | Seri. Operator | Sericulture | 0370- 2228051 (O) 0370- 2260334 ® |
| 6 | Shri. Ronlo | HEA | Horticulture | 9436400450 (M) |
| 7 | Ms. Setono | WDT | Land Resources | 9856126497 (M) 0370- 2228634 ® |
| 8 | Dr. Mariam | SDVO | Vety. & A.H. | |

TSEMINYU BTT: (Farmers' Interest Group):

| Sl. | Department | Commodity interests group | No. of |
|-----|----------------|---------------------------------|--------|
| 1 | Agriculture | Cereals | 1 |
| | | Pulses (Soyabean/ Ricebean etc) | 1 |
| 2 | Horticulture | Fruits& Vegetables | 1 |
| 3 | Veterinary & | Livestock management | 1 |
| 4 | Fishery | Fishery Pond | 1 |
| 5 | Sericulture | Rearing of cocoons | 1 |
| 6 | Land Resources | Aromatic & Medicinal plant | 1 |

Total:

FAC Members:

- Agriculture : 1
- Horticulture : 1
- Veterinary & A.H : 1
- Fishery : 1
- Sericulture : 1
- Land Resources : 1

**BLOCK ACTION PLAN (BAP)
ATMA-KOHIMA DISTRICT 2006-07.**

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 | |
| A | FARMERS ORIENTED ACTIVITIES | | | | | | | | | | | | |
| 1 | Developing Strategic Research & Extension Plan (SREP) | 1 | 2.50 | - | - | - | - | - | - | - | - | - | - |
| 2 | Farmers Training: | | | | | | | | | | | | |
| | a) At District level | 8 Trgs. | 1.29 | - | - | - | - | - | - | - | - | - | @16125/Trg |
| | b) At village level | 20 Trgs | 1.70 | 5 | 0.425 | 5 | 0.425 | 5 | 0.425 | 5 | 0.425 | | @ 8500/Trg |
| 3 | Organizing demonstration | 60 Demos. | 3.00 | 10 | 0.50 | 10 | 0.50 | 20 | 1.00 | 20 | 1.00 | | Demos to be decided by BTT for each deptts. |
| 4 | Inter-State & Inter-District Exposure visit of farmers- maximum duration 5 days plus travel time | 6 times | 3.00 | 1 | 0.50 | 1 | 0.50 | 2 | 1.00 | 2 | 1.00 | | AMC & BTT to decide |
| 5 | Mobilization of farmers group of different types including Farmer Interest Group, Women Groups, Farmer Organizations, Commodity Organizations & Farmer Co-operatives etc. | - | - | - | - | - | - | - | - | - | - | | - |
| | a) Their Capacity building, Skill Development & Support Services | 50 FIG's | 2.50 | 11 | 0.55 | 12 | 0.60 | 12 | 0.60 | 15 | 0.75 | | FIG's @ 5000/group |
| | b) Seed Money/ Revolving Fund | 25 FIG's | 2.50 | 6 | 0.60 | 6 | 0.60 | 6 | 0.60 | 7 | 0.70 | | FIG's @ 10000/group |
| 6 | Rewards & incentives: | | | | | | | | | | | | |
| | Best organized group representing different Enterprises (5 groups) | 5 FIG's | 1.00 | - | - | - | - | - | - | - | - | | GB & AMC to decide for 2006-07 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
|---|---|---|------|---|------|---|------|---|------|----|------|---------------------|
| B FARM INFORMATION DISSEMINATION: | | | | | | | | | | | | |
| 1 | District Level exhibitions/Kisan Mela's, Fruits/ Vegetables shows | 2 times | 2.00 | - | - | - | - | - | - | - | - | AMC to decide |
| 2 | Information dissemination through printed leaflets and Local advertisements | L.S | 2.00 | - | - | - | - | - | - | - | - | AMC & BTT to decide |
| 3 | Development of Technology packages on electronic form to be shared through IT network | 5 units | 1.00 | - | - | - | - | - | - | - | - | AMC to decide |
| C AGRICULTURAL TECHNOLOGY REFINEMENT, VALIDATION AND ADOPTION: | | | | | | | | | | | | |
| 1 | Farmers Scientist Interactions at district level 25 farmers for 2 days | 2 times | 0.20 | - | - | - | - | - | - | - | - | 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 frontline demonstrations & research issues with KVK | 1.00 | 1 | 0.25 | 1 | 0.25 | 1 | 0.25 | 1 | 0.25 | BTT to decide |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
|----------|--|----------------------|------|---|-------|---|-------|---|-------|----|-------|---|
| D | ADMINISTRATIVE/ CAPITAL EXPENSES: | | | | | | | | | | | |
| 1 | Establishment of ATMA like Institutions- | | | | | | | | | | | |
| | RECURRING: | | | | | | | | | | | |
| | * Pay & allowances | - | - | - | - | - | - | - | - | - | - | To be borne by state govt. only |
| | * TA/DA | 1 GB/ 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 |
| | NON-RECURRING: | | | | | | | | | | | |
| | * Equipment | - | 4.00 | - | - | - | - | - | - | - | - | One time grant for equipments, renovation, re-furnishing of ATMA Office in the district |
| | * Civil works and Re-furnishing of ATMA Office | - | 2.00 | - | - | - | - | - | - | - | - | |
| 2 | Establishment of block level Farm Information Advisory Centres (FIAC's) -Providing IT applications for effective connectivity | 4 FIAC | 1.30 | 1 | 0.325 | 1 | 0.325 | 1 | 0.325 | 1 | 0.325 | For FIAC & IT applications |

| E INNOVATIVE ACTIVITIES - DISTRICT LEVEL: | | | | | | | | | | | | |
|--|--|---|------|---|---|---|---|---|---|---|---|--------------------|
| 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 CRS (Community Radio Station) | 1 | - | - | - | - | - | - | - | - | - | GB & AMC to decide |

BLOCK WISE FUND ALLOCATION DURING 2006-07

| Sl. No. | Name of block | AES | Amount (Rs. in lakhs) | % age. |
|----------------|----------------------|------------|------------------------------|---------------|
| 1 | Kohima | I | 4.30 | 12.11 % |
| 2 | Jakhama | I | 4.45 | 12.53 % |
| 3 | Chiephobozou | II | 5.45 | 15.35 % |
| 4 | Tseminyu | II | 5.70 | 16.06 % |
| Total: | | | 19.90 | 56 % |

**BLOCK WISE ACTIVITIES TO BE TAKEN UP DURING 2006-07 AS PER SREP/SEWP
ATMA-KOHIMA DISTRICT 2006-07.**

| Sl. No. | Indicative activities to be taken up | No. of Units | Name of the Blocks | | | | Remarks |
|----------|--------------------------------------|------------------|--------------------|---------|---------------|----------|---|
| | | | Kohima | Jakhama | Chiephob-ozou | Tseminyu | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| A | FARMERS ORIENTED ACTIVITIES | | | | | | |
| 1 | Farmers training at village level | 20 Trainings | 5 | 5 | 5 | 5 | Type of trainings for each department to be decided by BTT & FAC |
| 2 | Organizing demonstration | 60 demonstration | 10 | 10 | 20 | 20 | Demonstration to be decided by BTT/FAC on the basis of proposed action plan |

| | | | | | | | |
|---|---|----------|----|----|----|----|---|
| 3 | Inter-State & Inter-District Exposure visit of farmers- maximum duration 5 days plus travel time | 6 times | 1 | 1 | 2 | 2 | BTT & FAC to propose & AMC to decide |
| 4 | Mobilization of farmers group of different types including Farmer Interest Group, Women Groups, Farmer Organizations, Commodity Organizations & Farmer Co-operatives etc. | - | - | - | - | - | - |
| | a) Their Capacity building, Skill Development & Support Services | 50 FIG's | 11 | 12 | 12 | 15 | * To mobilize FIG's/CIG's & support to FO's etc. to be decided by BTT/FAC |
| | b) Seed Money/ Revolving Fund | 25 FIG's | 6 | 6 | 6 | 7 | This fund should be given to FIG's as revolving/ seed money |

| B | AGRICULTURAL TECHNOLOGY REFINEMENT, VALIDATION AND ADOPTION: | | | | | | |
|----------|---|---|---|---|---|---|---|
| 1 | Organization of field days and Kisan Ghostis to strengthen Research-Extension-Farmer linkages (1/block in each season) | 8 Ghostis | 2 | 2 | 2 | 2 | * BTT/FAC to decide about Field day & Kisan Ghostis for strengthening R-E-F linkages. |
| | | 8 field days | 2 | 2 | 2 | 2 | |
| 2 | Assessment, Refinement, Validation and adoption of frontline technologies and other short term researchable issues through KVK's and other local research centres | 4 frontline demonstrations & research issues with KVK | 1 | 1 | 1 | 1 | Research & Technology validation programme with KVK & other research centres. |
| C | ADMINISTRATIVE/ CAPITAL EXPENSES: | | | | | | |
| 1 | Establishment of ATMA like Institutions- RECURRING: | | | | | | |

| | | | | | | | |
|---|---|----------|---|---|---|---|---|
| | * TA/DA | 4 blocks | 1 | 1 | 1 | 1 | For BTT members & honorarium for FAC |
| | * Operational expenses exclusively for block level | 4 blocks | 1 | 1 | 1 | 1 | Operational expenses should include innovative activities, consultancies, workshops, library, Telephone & FIAC meetings |
| | * Hiring of vehicles | 4 blocks | 1 | 1 | 1 | 1 | POL for BTT |
| 2 | Establishment of block level Farm Information Advisory Centres (FIAC's) -Providing IT applications for effective connectivity | 4 FIAC | 1 | 1 | 1 | 1 | P.D (ATMA) to initiate for establishment as per guideline |

* **N.B:** For all activities refer Proposed Action Plan prepared by each BTT showing department-wise strategies and thrust areas for interventions. The unit and amount will strictly comply the Ministry guidelines. Each BTT to decide what appropriate activity is to be done by each department.

PROPOSED BLOCK ACTION PLAN:

NAME OF THE DISTRICT: **KOHIMA**

NAME OF THE BLOCK: **TSEMINYU**

AES- II

| Sl. No. | Name of the enterprise | Proposed strategy extension & Research | Thrust area | Activity | Quantity/Unit/No. | Rate | Amount Rs. In lakhs. | Remarks |
|---------|------------------------|--|-------------|----------|-------------------|------|----------------------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

| | | | | | | | | |
|---|---|---|--|--|-----------------------------|------------------------------------|---------------------------|--|
| 1 | Agriculture: (i) TRC/WTRC paddy (Irrigated) | ➤ To increase productivity and production of paddy | ➤ Promotion of paddy HYV for altitude above 1000 MSL ➤ Adoption of INM measures and farm mechanization. ➤ Water management ➤ Adoption of IPM methods. | ➤ Procurement of good quality HNY seeds ➤ Trials and demonstration/use of power tillers ➤ Farmers training | ➤ 2 MT. ➤ 2 nos ➤ L.S | ➤ 15000/MT ➤ 10000/No. ➤ L.S | ➤ 0.3 ➤ 0.20 ➤ 0.20 | |
| | (ii) Paddy (Rainfed) Jhum paddy | ➤ Productivity improvement by intensification and technology adoption under rainfed situation | ➤ Promotion of HY local varieties | ➤ Farmers training ➤ Research trials & demonstration | ➤ 3 nos ➤ L.S | ➤ 15000/No. ➤ L.S | ➤ 0.45 ➤ 0.05 | |
| | (iii) Maize | ➤ To enhance the production and productivity of maize | ➤ Promotion of HY local varieties ➤ Production of yellow maize organically | ➤ Procurement of HY local varieties ➤ Trials and demonstration ➤ Market support | ➤ 2 MT ➤ 2 nos ➤ L.S | ➤ 15000/MT ➤ 10000/No ➤ L.S | ➤ 0.3 ➤ 0.20 ➤ 0.10 | |
| | (iv) Oilseeds (Sesamum, groundnut) | ➤ To increase the production | ➤ Promotion of HYV Sesamum, Groundnut. ➤ Optimum time of sowing and harvesting | ➤ Procurement of HYV ➤ Trials & Demonstration | ➤ L.S ➤ 2 nos | ➤ L.S ➤ 10000/No | ➤ 0.30 ➤ 0.20 | |
| | (v) Soyabean | ➤ To increase the productivity and production | ➤ Promotion of HYV ➤ Timely sowing & Harvesting | ➤ Procurement of HYV ➤ Training | ➤ 1-16 MT ➤ 1 no | ➤ 30000/MT ➤ 15000/- | ➤ 0.35 ➤ 0.15 | |
| | (vi) Farm Mechanism | ➤ Use of improved locals tools and implements promotion | ➤ Promotion in production of indigenous tools implements. | ➤ Production of indigenous tool by FIG's expert | ➤ L.S | ➤ L.S | ➤ 0.80 | |
| | (vii) Organic farming. | ➤ To promote organic farming | ➤ Organic farming | ➤ Farmers training ➤ Trails and demonstration | ➤ 2 nos ➤ 1 no | ➤ 0.15 ➤ 0.10 | ➤ 0.30 ➤ 0.10 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|--|--|---|-------------------------------|------------------|------------------------|------------------|---|
| 2 | Horticulture (i) Passion fruit | ➤ Productivity improvement by overcoming technology gap | ➤ Use of trailing system ➤ Post harvest technology | ➤ Input support ➤ Training | ➤ L.S ➤ 3 nos | ➤ L.S ➤ 15000/no | ➤ 0.10 ➤ 0.45 | |
| | (ii) Banana | ➤ To increase the productivity ➤ To reduce post harvest loses | ➤ Proper package of practice | ➤ Demonstration ➤ Training | 1 no 1 no | ➤ 10000/- ➤ 15000/- | ➤ 0.10 ➤ 0.15 | |

| | | | | | | | |
|--|--|--|---|---|---|--|--|
| (iii) Vegetable (a) King chilly | ➤ To increase the productivity and production | ➤ To promote organic production | ➤ Procurement of quality seeds ➤ Training | ➤ L.S ➤ 2 nos | ➤ L.S ➤ 15000/No | ➤ 0.20 ➤ 0.30 | |
| (b) Colocassia | ➤ To increase the productivity and production | ➤ Organic farming for Colocassia ➤ Timely sowing and harvesting | ➤ Training ➤ Market support | ➤ 1 no ➤ L.S | ➤ 15000/- ➤ L.S | ➤ 0.15 ➤ 0.15 | |
| (iv) Ginger | ➤ To increase the productivity ➤ To reduce post harvest loses | ➤ Quality seeds ➤ Timely and proper harvesting | ➤ Procurement of quality seeds ➤ Training | ➤ 3.5 MT. ➤ 2 nos | ➤ 20000/MT ➤ 15000/No | ➤ 0.70 ➤ 0.30 | |
| Other Horticulture crop (a) Large Cardamom | ➤ Organic production of large cardamom capsule | ➤ Improvement of drying processes ➤ Market support. | ➤ Procurement of drying machine. ➤ Farmers training ➤ Market linkages | ➤ L.S ➤ 1 no ➤ L.S | ➤ L.S ➤ 15000/- ➤ L.S | ➤ 0.50 ➤ 0.15 ➤ 0.15 | |
| (b) Orange | ➤ To increase production of fruits in the block by overcoming technology gap | ➤ Production and market ➤ Research need for quality of seeds. | ➤ Market support ➤ Research works | ➤ L.S ➤ L.S | ➤ L.S ➤ L.S | ➤ 0.20 ➤ 0.40 | |
| 3 Soil & Water conservation (a) Natural Resource Development | ➤ Management of soil erosion in shifting cultivation ➤ Conservation activities viewed as an additional burden ➤ Increasing the knowledge of technical know- how ➤ Water resources not harnessed, thereby drought like situation is a common occurrence during dry spell ➤ Traditional farming system i.e. jhuming plays a major role in jeopardizing the ecological balance. ➤ In- situ top soil conservation | ➤ 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 ➤ Fallows land management ➤ Knowledge of technical know- how ➤ Alder based jhuming a sustainable agricultural farming approach. ➤ Harnessing the water resources ➤ Discourage jhuming ➤ Promote INM/GM ➤ Poor soil fertility | ➤ Extension workshop and field demonstration ➤ Contour bunding ➤ Trench terracing ➤ Trails and demonstration of cover crops/GM/Hedges ➤ Water harvesting ponds ➤ Exposure trips. | ➤ 2 nos ➤ L.S ➤ 4 Units ➤ 4 nos ➤ 5 Units ➤ 1 no | ➤ 2000/No ➤ L.S 15000/unit ➤ 10000/NO ➤ 15000/unit ➤ 50000/- | ➤ 0.40 ➤ 0.60 ➤ 0.60 ➤ 0.40 ➤ 0.75 ➤ 0.50 | |
| (b) Soil Test | ➤ Testing of NPK and micro nutrients | ➤ Soil fertility status ➤ Soil map of villages for farmers guide | ➤ Soil sample collection and analysis ➤ Mapping ➤ Documentation | ➤ L.S | ➤ L.S | ➤ 0.70 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|--|---|--|---|--|---|--|---|
| 4 | Sericulture: Mulberry/Eri silk worm | <ul style="list-style-type: none"> ➤ Increase in quantity and quality of leaves ➤ Production of quality mulberry, silk worm eggs suited to local condition ➤ Production of quality and quantity of cocoons. ➤ Control of diseases and pest on plant and silk worm | <ul style="list-style-type: none"> ➤ Introduction of correct method of plantation ➤ Development of good seed (egg) production centres | <ul style="list-style-type: none"> ➤ Farmers training and awareness ➤ Establishment of Eri farm ➤ Exposure trips to outside State | <ul style="list-style-type: none"> ➤ 2 nos ➤ 1 Unit ➤ 1 no | <ul style="list-style-type: none"> ➤ 20000/no ➤ 60000/unit ➤ 100000/- | <ul style="list-style-type: none"> ➤ 0.40 ➤ 0.60 ➤ 1.00 | |
| 5 | Land Resource: 1. Patchouli and lemon grass | <ul style="list-style-type: none"> ➤ To increase production and productivity of Patchouli and lemon grass | <ul style="list-style-type: none"> ➤ Promotion of Patchouli and lemon grass ➤ Introduction of disease free high yielding varieties ➤ Weed and post harvest management | <ul style="list-style-type: none"> ➤ Production of HYV and disease free seedlings ➤ Farmers training on package of practices ➤ Trials and demonstration ➤ Market linkages ➤ Exposure trips | <ul style="list-style-type: none"> ➤ L.S ➤ 2 nos ➤ 3 nos ➤ L.S ➤ 1 no | <ul style="list-style-type: none"> ➤ L.S ➤ 15000/no ➤ 10000/No ➤ L.S ➤ 50000/- | <ul style="list-style-type: none"> ➤ 1.00 ➤ 0.30 ➤ 0.30 ➤ 0.45 ➤ 0.50 | |
| | 2. Indigenous medicinal plants | <ul style="list-style-type: none"> ➤ Presentation and promotion of local medicinal plants | <ul style="list-style-type: none"> ➤ Encourage cultivation of local medicinal plants like centella asiatica, lemon balm, wild passion fruit etc | <ul style="list-style-type: none"> ➤ Training on identification propagation of indigenous medicinal plants, proper use, experience sharing by local practitioners. | <ul style="list-style-type: none"> ➤ 3 nos | <ul style="list-style-type: none"> ➤ 15000/No | <ul style="list-style-type: none"> ➤ 0.45 | |
| 6 | Fishery (a) Intensification of fish production | <ul style="list-style-type: none"> ➤ To increase productivity of fish ➤ Expansion of composite pesiculture in the available water bodies ➤ Disease free fingerling production ➤ Paddy cum fish culture – a popular fish production of the block | <ul style="list-style-type: none"> ➤ Renovation of available ponds in the village and fields ➤ Brooder fish production and management in ponds and TRC/WTRC fields ➤ Water management ➤ Selection of fish (not grass corp which will eat up paddy plants) ➤ Timely supply of fish fingerlings ➤ Brooder fish pond management | <ul style="list-style-type: none"> ➤ Ponds renovation ➤ Farmers training ➤ Demonstration ➤ Fingerling support ➤ Brooder fish supply | <ul style="list-style-type: none"> ➤ L.S ➤ 2 nos ➤ 1 no ➤ 40000 nos ➤ L.S | <ul style="list-style-type: none"> ➤ L.S ➤ 15000/ No ➤ 10000/- ➤ Re.1/fingerling ➤ L.S | <ul style="list-style-type: none"> ➤ 0.90 ➤ 0.30 ➤ 0.10 ➤ 0.40 ➤ 0.30 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|------------------------------------|--|--|--|---|--|--|---|
| 7 | Animal Husbandry (a) Cow | ➤ To increase milk production of cow | <ul style="list-style-type: none"> ➤ Breed up gradation through A.I ➤ Improving feed and fodder management ➤ Improving health care ➤ Feeding of minerals and vitamins as supplements ➤ Improve knowledge about animal health and hygiene ➤ Improving general management practices. | <ul style="list-style-type: none"> ➤ Training of farmers at village level ➤ Procure vaccines on demand | <ul style="list-style-type: none"> ➤ 2 nos ➤ L.S | <ul style="list-style-type: none"> ➤ 15000/ No ➤ L.S | <ul style="list-style-type: none"> ➤ 0.30 ➤ 0.30 | |
| | (b) Pig | ➤ To increase productivity | <ul style="list-style-type: none"> ➤ Breed up gradation by cross breed ➤ Improving fodder and feed management ➤ Improving health care ➤ Improving general management practices | <ul style="list-style-type: none"> ➤ Training and demonstration ➤ Health care camps | <ul style="list-style-type: none"> ➤ 2 nos ➤ L.S | <ul style="list-style-type: none"> ➤ 15000/No ➤ L.S | <ul style="list-style-type: none"> ➤ 0.30 ➤ 0.30 | |
| | (c) Poultry | ➤ For increase production of chicken | <ul style="list-style-type: none"> ➤ Encouraging commercial poultry farming ➤ Improved feed management ➤ Improving general management practices. | <ul style="list-style-type: none"> ➤ Farmers training ➤ Exposure visits | <ul style="list-style-type: none"> ➤ 2 nos ➤ 1 no | <ul style="list-style-type: none"> ➤ 15000/- ➤ 50000/- | <ul style="list-style-type: none"> ➤ 0.30 ➤ 0.50 | |
| 8 | Private-Private partnership | 1. Promotion of private-private partnership in increasing production of livestock & poultry | <ul style="list-style-type: none"> ➤ Increase the production of livestock and poultry ➤ Establishing buy back system | <ul style="list-style-type: none"> ➤ Linkage between farmers & reputed hatchers/ livestock ➤ Motivation through exposure | <ul style="list-style-type: none"> ➤ L.S | <ul style="list-style-type: none"> ➤ L.S | <ul style="list-style-type: none"> ➤ 0.15 | |
| | | 2. To promote private-private for marketing of organically grown produce like fruits, ginger, vegetables etc at higher price | <ul style="list-style-type: none"> ➤ To fetch higher prices | <ul style="list-style-type: none"> ➤ Invite private companies and buyers ➤ Publicity through media ➤ Organize trade fairs | <ul style="list-style-type: none"> ➤ L.S | <ul style="list-style-type: none"> ➤ L.S. | <ul style="list-style-type: none"> ➤ 0.15 | |

| | | | | | | | |
|--|---|--|--|-------|-------|--------|--|
| | 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 | ➤ L.S | ➤ L.S | ➤ 0.15 | |
| | 4. Promotion of private-private partnership in increasing production of cocoon, yarn, silk fabric | a) Introduction of high yielding variety b) Encourage SHG's | ➤ Linkage between yarn producers and weavers | ➤ L.S | ➤ L.S | ➤ 0.15 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|----|------------------------------------|--|---|--|------------------------------------|---|------------------------------------|---|
| 9 | Public- Private partnership | ➤ Strengthening the existing dairy federation by formation of more milk union and increasing their activities | ➤ Increasing the membership of milk unions | ➤ Motivation | ➤ L.S | ➤ L.S | ➤ 0.15 | |
| 10 | Mechanization | ➤ To encourage double cropping in the TRC to commercialize the agricultural goods to increase the production | ➤ Paddy, vegetables, maize, possibility of double cropping | ➤ Demonstration ➤ Training | ➤ 1 no ➤ 2 nos | ➤ 10000/- ➤ 15000/- | ➤ 0.10 ➤ 0.30 | |
| 11 | Marketing | 1) Setting up the regulated market through the APMC 2) Setting up of information centres 3) Increasing the profitability of post harvest loses | ➤ To eliminate middlemen and provide competitive price to the farmers produce ➤ Information about prices ➤ Harvesting/handling/grading and packaging skills | ➤ Awareness ➤ Awareness about information centres ➤ Training and demonstration | ➤ L.S ➤ L.S ➤ 1 no ➤ 1 no | ➤ L.S ➤ 15000/- ➤ 15000/- ➤ 10/- | ➤ 0.10 ➤ 0.15 ➤ .15 ➤ .10 | |
| 12 | Promotion of FOs and CIG's | ➤ Procurement of inputs, sale of produce, elimination of middlemen, fetch higher prices and to increase production and income of farmers | ➤ Formation of FIG's to assemble and dispose the crops/ commodities | ➤ Awareness campaign ➤ Training for maintaining records & to form federation | ➤ L.S ➤ 1 no | ➤ L.S ➤ 15/- | ➤ 0.25 ➤ 0.15 | |

PROPOSED STRATEGIES TO BE TAKEN UP YEARWISE

Name of the block: **TSEMENYU**

Rupees in lakh

| Sl. No. | Name of enterprise | Proposed strategy (Extension + Research) | 2005-06 | | 2006-07 | | 2007-08 | | 2008-09 | | 2009-10 | | Total | |
|---------|------------------------------|--|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|
| | | | Physical | Financial | Physical | Financial | Physical | Financial | Physical | Financial | Physical | Financial | Physical | Financial |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 1 | Agriculture | | | | | | | | | | | | | |
| | 1. RC/WTRC Paddy (Irrigated) | ➤ To increase production & productivity of paddy | 1 | 0.10 | 2 MT | 0.30 | 2 | 0.20 | 1 | 0.10 | - | - | 6 | 0.70 |
| | 2. Rain fed Paddy (Jhum) | ➤ Productivity improvement by intensification & technology adoption under rain fed situation | - | - | 1 | 0.15 | L.S | 1.05 | 1 | 0.10 | 1 | 0.15 | - | 1.50 |
| | 3. Maize | ➤ To enhance production & productivity of maize | 1 | 0.10 | 1 MT | 0.15 | 1 | 0.10 | 1 MT | 0.10 | L.S | 0.10 | - | 0.60 |

| | | | | | | | | | | | | | |
|---------------------------------|--|---|-------------|-----|-------------|---------|-------------|-----|-------------|---|-------------|---|-------------|
| 4. Oilseeds (Sesamum/groundnut) | ➤ To increase the production | 1 | 0.10 | L.S | 0.15 | 1 | 0.10 | L.S | 0.15 | - | - | - | 0.50 |
| 5. Soyabean | ➤ To increase the production & productivity | - | - | 1 | 0.15 | 1.16 MT | 0.35 | - | - | - | - | - | 0.50 |
| 6. Farm machineri es | ➤ Use of improved local tools & implements promotion | - | - | L.S | 0.40 | L.S | 0.40 | - | - | - | - | - | 0.80 |
| 7. Organic farming | ➤ To promote organic farming | - | - | 1 | 0.15 | 1 | 0.10 | 1 | 0.15 | - | - | - | 0.40 |
| Sub-Total: | | - | 0.30 | - | 1.45 | - | 2.30 | - | 0.60 | - | 0.30 | - | 5.00 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|-------------------|---|---|------|-------------|------|-------------|------|-------------|------|-------------|-----|-------------|------|--------------|
| 2 | Horticulture | ➤ Productivity improvement by overcoming technology gap | 1 | 0.15 | L.S | 0.50 | 2 | 0.30 | L.S | 0.60 | - | - | - | 1.55 |
| | 1. Passion fruit | | | | | | | | | | | | | |
| | 2. Banana | ➤ To increase productivity & reduce post harvest losses | - | - | 1 | 0.15 | 1 | 0.10 | - | - | - | - | 2 | 0.25 |
| | 3. Vegetables | ➤ To increase the productivity & production | 1 | 0.15 | L.S | 0.10 | 1 | 0.15 | L.S | 0.10 | - | - | - | 0.50 |
| | i) King chilly | | | | | | | | | | | | | |
| | ii) Colocassia | ➤ To increase the productivity & production | - | - | 1 | 0.15 | - | - | L.S | 0.15 | - | - | - | 0.30 |
| 4. Ginger | ➤ To increase the productivity. To reduce post harvest losses | 1 | 0.15 | 1 MT | 0.20 | 2.5 MT | 0.50 | 1 | 0.15 | - | - | - | 1.00 | |
| | 5. Other horticultural crop: | ➤ Organic production of large cardamom | - | - | 1 | 0.15 | - | - | L.S | 0.50 | L.S | 0.15 | - | 0.80 |
| | i) Large cardamom | | | | | | | | | | | | | |
| | ii) Orange | ➤ To increase production of fruits in the block by overcoming technology gaps | - | - | L.S | 0.40 | - | - | - | - | L.S | 0.20 | - | 0.60 |
| Sub-Total: | | | - | 0.45 | - | 1.65 | - | 1.05 | - | 1.50 | - | 0.35 | - | 4.752 |

| | | | | | | | | | | | | | | |
|-------------------|--|---|---|-------------|-----|-------------|-----|-------------|---------|-------------|---|-------------|---|-------------|
| 3 | <u>Soil & Water Conservation</u> 1. Natural Resource Development | <ul style="list-style-type: none"> ➤ Management of soil erosion in jhum ➤ Conservation activities viewed as an additional burden ➤ Increasing the knowledge of technical know-how ➤ Water resources not harnessed – thereby drought like situation is a common occurrence during dry spell ➤ Traditional farming system ➤ In-setu top soil conservation | 2 | 0.40 | 4 | 0.40 | L.S | 1.20 | 5 units | 0.75 | 1 | 0.50 | - | 3.25 |
| | 2. Soil Testing | <ul style="list-style-type: none"> ➤ Testing of NPK & micro-nutrients | - | - | L.S | 0.20 | L.S | 0.30 | L.S | 0.20 | - | - | - | 0.70 |
| Sub-Total: | | | - | 0.40 | - | 0.60 | - | 1.50 | - | 0.95 | - | 0.50 | - | 3.95 |
| 4 | <u>Sericulture</u> | <ul style="list-style-type: none"> ➤ Increase in production of silk worm eggs suited to local condition ➤ Production of quality & quantity of cocoons ➤ Control of diseases & pest on plants & silkworms | 1 | 0.20 | 1 | 0.60 | - | - | 1 | 1.00 | 1 | 0.20 | - | 2.00 |
| Sub-Total: | | | - | 0.20 | - | 0.60 | - | - | - | 1.00 | - | 0.20 | - | 2.00 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|-------------------|--|--|---|-------------|---|-------------|-----|-------------|-----|-------------|----|-------------|----|-------------|
| 5 | <u>Land Resources Development</u> 1. Patchouli & Lemon grass | <ul style="list-style-type: none"> ➤ To increase production & productivity of Patchouli & Lemon grass | 1 | 0.15 | 4 | 0.45 | L.S | 1.00 | L.S | 0.45 | 1 | 0.50 | - | 2.55 |
| | 2. Indigenous medicinal plants | <ul style="list-style-type: none"> ➤ Preservation & promotion of local medicinal plants | 1 | 0.15 | 1 | 0.15 | - | - | 1 | 0.15 | - | - | - | 0.45 |
| Sub-Total: | | | - | 0.30 | - | 0.60 | - | 1.00 | - | 0.60 | - | 0.50 | - | 3.00 |

| | | | | | | | | | | | | | | |
|-------------------|--|---|---|-------------|-----|-------------|-----|-------------|-----|-------------|-----------|-------------|---|-------------|
| 6 | Fishery Intensification of fish production | <ul style="list-style-type: none"> ➤ To increase productivity of fish ➤ Expansion of composite pesiculture ➤ Disease free fingerling production ➤ Paddy-cum- fish culture_ a popular fish production of the block | 2 | 0.30 | L.S | 0.90 | 1 | 0.10 | L.S | 0.30 | 40000 Nos | 0.40 | - | 2.00 |
| Sub-Total: | | | - | 0.30 | - | 0.90 | - | 0.10 | - | 0.30 | - | 0.40 | - | 2.00 |
| 7 | Veterinary & A.H. | | | | | | | | | | | | | |
| | 1. Cow | ➤ To increase milk production | 1 | 0.15 | L.S | 0.30 | - | - | 1 | 0.15 | - | - | - | 0.60 |
| | 2. Pig | ➤ To increase productivity | - | - | 1 | 0.15 | L.S | 0.30 | - | - | 1 | 0.15 | - | 0.60 |
| | 3. Poultry | ➤ For increase production of chicken | 1 | 0.15 | - | - | 1 | 0.15 | 1 | 0.50 | - | - | - | 0.80 |
| Sub-Total: | | | - | 0.30 | - | 0.45 | - | 0.45 | - | 0.65 | - | 0.15 | - | 2.00 |
| 8 | Private-Private Partnership | | | | | | | | | | | | | |
| | | ➤ Promotion of Private-Private Partnership in increasing production of livestock & poultry | - | - | - | - | L.S | 0.15 | - | - | - | - | - | 0.15 |
| | | ➤ To promote Private-Private Partnership for marketing of organically grown produce like fruits, Ginger, Vegetables etc. at higher prices | - | - | L.S | 0.15 | - | - | - | - | - | - | - | 0.15 |
| | | ➤ Strengthening APMC | - | - | - | - | - | - | L.S | 0.15 | - | - | - | 0.15 |
| | | ➤ Promotion of Private-Private Partnership in increasing production of cocoon, Yarn, Silk fabric. | - | - | L.S | 0.15 | - | - | - | - | - | - | - | 0.15 |
| Sub-Total: | | | - | - | - | 0.30 | - | 0.15 | - | 0.15 | - | - | - | 0.60 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|---|----------------------------------|--|---|---|---|---|-----|------|----|----|----|----|----|------|
| 9 | Public Private Enterprise | ➤ Strengthening the existing dairy federation by | - | - | - | - | L.S | 0.15 | - | - | - | - | - | 0.15 |

formation of more milk unions and increasing their activities

| | | | | | | | | | | | | | | |
|-------------------|--------------------------------------|--|---|-------------|-----|-------------|---|-------------|-----|-------------|---|---|-------------|-------------|
| Sub-Total: | | | - | - | - | - | - | 0.15 | - | - | - | - | 0.15 | |
| 10 | Mechanization | ➤ To encourage double cropping in the TRC to commercialize the agricultural goods to increase the production | 1 | 0.15 | 1 | 0.10 | - | - | 1 | 0.15 | - | - | - | 0.40 |
| Sub-Total: | | | - | 0.15 | - | 0.10 | - | - | - | 0.15 | - | - | - | 0.40 |
| 11 | Marketing | ➤ Setting up of the regulated markets through the APMC ➤ Setting up of information centres ➤ Increasing the profitability of post harvest losses | 1 | 0.15 | L.S | 0.15 | 1 | 0.10 | L.S | 0.10 | - | - | - | 0.40 |
| Sub-Total: | | | - | 0.15 | - | 0.15 | - | 0.10 | - | 0.10 | - | - | - | 0.40 |
| 12 | Promotion of FO's & CIG's | ➤ Procurement of inputs, sale of produce, elimination of middle men, fetch higher prices & to increase production & income of farmers | - | - | 1 | 0.15 | - | - | 1.S | 0.25 | - | - | - | 0.40 |
| Sub-Total: | | | - | - | - | 0.15 | - | - | - | 0.25 | - | - | - | 0.40 |