

REVISED PROFORMA FOR ANNUAL REPORT

1. GENERAL INFORMATION ABOUT THE KVK

1.1 Name and address of KV K with phone, fax and e-mail

| Address | Telephone | | e-mail |
|--|--------------|--------------|-------------------|
| | Office | Fax | |
| KVK Yisemyong Post Box No-23 Mokokchung Nagaland | 0369-2226537 | 0369-2227627 | kvk_y@yahoo.co.in |

1.2 Name and address of host organization with phone, fax and e-mail

| Address | Telephone | | e-mail |
|---|--------------|--------------|------------------------|
| | Office | Fax | |
| Directorate of Agriculture Nagaland Kohima | 0370-2243116 | 0370-2243970 | agrilan@rediffmail.com |

1.3 Name of the Programme Coordinator with phone & mobile No

| Name | Telephone/contact | | |
|-----------------|-------------------|------------|-------------------|
| | Residence | Mobile | e-mail |
| S. SOSANG JAMIR | 0369/2228567 | 9436006351 | kvk_y@yahoo.co.in |

1.4 Year of sanction

: 2003

1.5 Staff position (as on 30th September 2007)

| Sl. no | Sanctioned post | Name of the incumbent | Designation | Discipline | Pay scale with present basic | Date of joining | Permanent/ Temporary | Category (SC/ST/OBC/others) |
|--------|-----------------------------|-----------------------|--|--------------|------------------------------|-----------------|----------------------|-----------------------------|
| 1 | Programme Coordinator | S. Sosang Jamir | I/C Programme Coordinator | Agronomy | Rs. 12,700 | 18.06.03 | Temporary | ST |
| 2 | Subject Matter Specialist | Renbomo Ngullie | SMS (Horticulture) | Horticulture | Rs. 8,275 | 24.05.06 | Temporary | ST |
| 3 | Subject Matter Specialist | Akangtemjen | SMS (Entomology) | Entomology | Rs. 8,275 | 24.05.06 | Temporary | ST |
| 4 | Subject Matter Specialist | Dr. Rongsensusang | SMS (Vety. &AH) | Vety & AH | Rs. 8,275 | 24.05.06 | Temporary | ST |
| 5 | Subject Matter Specialist | Samuel Sangtam | SMS (Agronomy) | Agronomy | Rs. 8,275 | 24.05.06 | Temporary | ST |
| 6 | Subject Matter Specialist | Bendangjungla | SMS (PB &G) | PB &G | Rs. 8,275 | 24.05.06 | Temporary | ST |
| 7 | Subject Matter Specialist | - | - | - | - | - | - | - |
| 8 | Programme Asstt | Moainla | Programme Asstt | | Rs. 5,675 | 24.05.06 | Temporary | ST |
| 9 | Computer Programmer | I.Tangitla | Programme Asstt (Computer) | | Rs.5,675 | 24.05.06 | Temporary | ST |
| 10 | Farm Manager | - | - | - | - | - | - | - |
| 11 | Accountant / Superintendent | Meyatula | Office Supt- cum- Accountant | | Rs.5,500 | 01.06.03 | Temporary | ST |
| 12 | Stenographer | Imosangla | Jr. Steno-cum- Computer Operator | | Rs.4,100 | 01.06.03 | Temporary | ST |
| 13 | Driver | Supongmeren | Driver-cum- Mechanic | | Rs. 3,285 | 01.01.05 | Temporary | ST |
| 14 | Driver | Benjamin Rai | Driver-cum- Mechanic | | Rs. 3,285 | 01.01.05 | Temporary | SC |
| 15 | Supporting staff | Imkonglemla | Supporting staff | | Rs.2,720 | 01.04.04 | Temporary | ST |
| 16 | Supporting staff | Wati Ao | Supporting staff | | Rs.2,780 | 01.06.03 | Temporary | ST |

1.6. Total land with KV K (in ha)

| Sl. no | Item | Area (ha) |
|--------|------------------------------|--------------------------|
| 1 | a. Under building | 0.2 |
| 2 | b. Under Demonstration Units | NIL |
| 3 | c. Under crops | 0.2 (Instructional Farm) |
| 4 | d. Orchard/Agro-forestry | 1 ha |
| 5 | e. Others (Fallow Land) | 22 |

1.7 Infrastructural Development**A) Building**

| Sl. no | Name of building | Source of funding | Stage | | | | | |
|--------|------------------------------|-------------------|-----------------|--------------------|------------------|---------------|--------------------|------------------------|
| | | | Complete | | | Incomplete | | |
| | | | Completion date | Plinth area (Sq.m) | Expenditure (Rs) | Starting date | Plinth area (Sq.m) | Status of construction |
| 1 | Administrative building | ICAR | | | | 28.09.07 | 400 | Under construction |
| 2 | Farmers hostel | - do - | | | | NIL | 200 | Not started |
| 3 | Staff quarters | - do - | | | | NIL | 100 | Not started |
| 4 | Demonstration Unit (ha) | - do - | | | | NIL | 20 | Not started |
| 5 | Fencing | | | | | NIL | 177 m | Not started |
| 6 | Rain water harvesting system | | | | | NIL | | |
| 7 | Threshing floor | | | | | NIL | | |
| 8 | Farm godown | | | | | NIL | | |

B) Vehicles

| Type of vehicle | Year of purchase | Cost (Rs) | Total kms run | Present status |
|-------------------|------------------|-----------|---------------|----------------|
| Mahindra Marshall | 2004 | 4,70,000 | 43,000 | Good |

C) Equipments &AV aids

| Name of equipment | Year of purchase | Cost (Rs) | Present status |
|-------------------|------------------|-----------|----------------|
| 1. Computer | 2004 | 70000 | Good |
| 2. Sound system | 2005 | 60000 | Good |
| 3. Photocopier | 2005 | 200000 | Good |
| 4. Digital camera | 2004 | 70000 | Good |
| 5. OHP | 2004 | 5000 | Good |

1.8 Details SAC meeting* conducted in the year

| Sl. No | Date | Number of participants | Salient Recommendations | Action taken |
|--------|----------|------------------------|---|--|
| | 17.08.07 | 12 | <ol style="list-style-type: none"> 1. The Annual action plan 2007- 08 was approved unanimously by the Committee after thorough discussion. 2. Trust area identified was categorized on priority basis and approved 3. Marketing of Agricultural products should be taken as on top priority for which post harvest technology training be imparted immediately. 4. Soil and water conservation component should be a regular feature in KVK activities. 5. Emphasis should also be given on Landscape and floriculture 6. To tie over the financial constrain KVK should proposed viable scheme and approach Host Institute and the State Government for necessary funding. | Implementation of programme will be taken up considering the SAC recommendations |

*Attach a copy of SAC proceedings along with list of participants

2. DETAILS OF DISTRICT (2006-07)

2.1 Major farming systems/enterprises (based on the analysis made by the KVK)

| Sl. no | Farming system/enterprise |
|--------|--|
| 1 | The major farming system comprise of Agriculture, Horticulture and Animal Husbandry. However, in terms of overall contribution, agriculture is the primary source followed by horticulture, animal husbandry and other enterprises. Whereas, 86% of the people are engaged in various agricultural activities of which 70.8% of the total cultivated area is under Jhum, which produce only their subsistence. |

2.2 Description of Agro-climatic zone & major agro ecological situation (based on soil and topography)

| Sl. No | Agro Climatic Zone | Characteristic |
|--------|---|---|
| 1 | Mid- Tropical Hill Zone (Medziphema) | <ul style="list-style-type: none"> ➤ Foot hills with warm sub-tropical climate ➤ Mid altitude and lower ranges have moderate sub-Montane climate ➤ Higher altitude is cool during winter and occurrence of frost |

| Sl. No | Agro Ecological Situation (AES) | Characteristic |
|--------|---------------------------------|--|
| 1 | AES – I | Below 500 metres msl, Tropical Climate (Humid), Foot-hills and Rain forest. Major Crops include Paddy, Maize, Mustard, Sesamum, French Bean, Tapioca, Colocassia, Ginger, Orange, Pineapple, Banana, Mango, Betal vine, Arecanut, Cashew, Piggery, goater, fishery, duckery etc. |
| 2 | AES – II | 500-1000 metres msl, Sub-Tropical Climate, Sub-Montane Lower Ranges with Rain forest type. Popular crops are Paddy, Millets, cowpea, Groundnut, Tapioca, ginger, chillies, Tea, Castor, Bee-keeping, Piggery, Poultry, dairy etc. |
| 3 | AES – III | 1000-1500 metres msl, Sub-Temperate Climate, Sub-Montane Higher Ranges and Mixed forest. Major crops are Paddy, maize, French bean, Rice bean, Soybean, Faba Bean, field Pea, Potato, Tapioca, Sweet |

| | | |
|---|----------|--|
| | | potato, Banana, Passion fruit, Cucumber, Citrus, Tea, Coffee, Cardamom, Mulberry, Citronella, Piggery, Poultry, Dairy |
| 4 | AES – IV | Above 1500 metres msl, Temperate Climate, High Hills and Mountains with Coniferous forests. Paddy, maize, Rice bean, Cole crops, tomato, Potato, Green leafy vegetables, ginger, Tapioca, Sweet potato, Chow chow, passion fruit, Plum, Pears, Peach, Kewi, Cardamom, Dairy, Piggery, Goatery, Mulberry etc. |

2.3 Soil types

| Sl. No. | Soil Type | Characteristic | Area in ha. |
|---------|-----------------|--|-------------|
| 1 | Sandy clay loam | 20-35% clay 28% silt 45% more sand P ^H 4-5 | 120000 |
| 2 | Clay Loam | 27-40% clay 20-45% sand Medium organic matter P ^H 4-5 | 40000 |
| 3 | Forest Soil | Broad leaves rain forest, evergreen, temperate climate, high organic matter, dark brown soil with P ^H 4 | 50 |

2.4. Area, production and productivity of major crops cultivated in the district

| Sl.No. | Crop | Area (Ha.) | Production (quintal) | Productivity (q/ha.) |
|--------|----------------------|------------|----------------------|----------------------|
| 1 | Jhum Paddy | 12,045.00 | 23,5276 | 19.5 |
| 2 | TRC Paddy | 4,696.00 | 12,4307 | 26.5 |
| 3 | Maize | 1,028.00 | 1,6219 | 15.9 |
| 4 | Millets | 7.86 | 100.1 | 12.7 |
| 5 | Rice Bean (Naga Dal) | 93.34 | 1602.3 | 17.2 |
| 6 | Beans | 90.50 | 1820 | 20.1 |
| 7 | French Bean (Kolar) | 41.12 | 705.6 | 17.2 |
| 8 | Ground Nut | 18.00 | 235 | 1.31 |
| 9 | Sesamum | 24.00 | 120 | 05.0 |

| | | | | |
|----|---------------|----------|---------|-------|
| 10 | Soybean | 161.00 | 2470 | 15.3 |
| 11 | Sunflower | 10.80 | 104 | 09.6 |
| 12 | Mustard | 795.00 | 5000 | 06.3 |
| 13 | Sugarcane | 54.00 | 2290 | 42.4 |
| 14 | Potato | 125.00 | 8700 | 69.6 |
| 15 | Sweet Potato | 170.00 | 1,0200 | 60.0 |
| 16 | Tea | 520.00 | 1600 | 03.1 |
| 17 | Coffee | 5.00 | 160 | 32.0 |
| 18 | Tapioca | 1,050.00 | 30,8860 | 294.2 |
| 19 | Colocassia | 1500 | 20,067 | 16.8 |
| 20 | Yam | 120.00 | 1,2300 | 102.5 |
| 21 | Orange | 460 | 7650 | 16.6 |
| 22 | Banana | 270 | 39000 | 144.4 |
| 23 | Pineapple | 340 | 3300 | 9.7 |
| 24 | Passion Fruit | 908 | 1500 | 1.6 |
| 25 | Pears | 16 | 3500 | 218.7 |
| 26 | Litchi | 80 | 180 | 2.2 |
| 27 | Areca nut | 44 | 600 | 15 |
| 28 | Coconut | 70 | - | - |
| 29 | Papaya | 21 | 3100 | 147.6 |
| 30 | Guava | 9 | 320 | 35.5 |
| 31 | Mango | 8 | 220 | 27.5 |
| 32 | Peach | 2 | 40 | 20 |
| 33 | Tomato | 28 | 7600 | 271.4 |
| 34 | Ginger | 80 | 5000 | 62.5 |
| 35 | Chili | 42 | 1800 | 42.8 |

2.5 Weather data

| Months | Rainfall (mm) | Temperature °C | | Relative Humidity (%) |
|----------------|---------------|----------------|---------|-----------------------|
| | | Maximum | Minimum | |
| October 2006 | 101.4 | 26.7 | 17 | 76 |
| November 2006 | 20.5 | 22.3 | 13.6 | 73 |
| December 2006 | 3.0 | 19.5 | 9.7 | 72 |
| January 2007 | 2.5 | 18.3 | 8.5 | 69 |
| February 2007 | 63.7 | 18.8 | 9.6 | 73 |
| March 2007 | 31.7 | 23.9 | 13 | 62 |
| April 2007 | 115 | 24.8 | 15.6 | 74 |
| May 2007 | 171.1 | 28.2 | 19.2 | 75 |
| Jun 2007 | 287.6 | 28.3 | 19.7 | 82 |
| July 2007 | 292.4 | 27.8 | 20.4 | 82 |
| August 2007 | 324 | 28.1 | 20.4 | 85 |
| September 2007 | 306.3 | 27.7 | 19.4 | 80 |

2.6 Production and productivity of livestock, poultry, fisheries etc in the district

| Category | Population | Production | Productivity |
|-------------------|------------|-------------------------|-------------------|
| Cattle | | | |
| Crossbred | 20500 | 300 MT (Milk) | 8 litres/day |
| Indigenous | 10655 | 50 MT (Milk) | 2 litres/day |
| Buffalo | 1165 | Use for drought purpose | |
| Sheep | | | |
| Crossbred | - | - | - |
| Indigenous | - | - | - |
| Goats | 7626 | - | - |
| Pigs | | | |
| Crossbred | 61980 | 6000 M.T. (Meat) | 100 kg/annum |
| Indigenous | 1094 | - | - |
| Rabbits | 1980 | - | - |
| Poultry | | | |
| Hens | 315887 | | |
| Desi | 225628 | 451 M.T. (Meat) | 61 kg in 6 months |
| Improved | 90259 | 250 M.T (Meat) | 1 kg in one month |
| Ducks | 8171 | - | |
| Turkey and others | - | | |

| Category | Area | Production | Productivity |
|----------|-----------|------------|-----------------|
| Fish | 159.22 ha | - | 800 kg/ha/annum |
| Marine | - | - | - |
| Inland | - | - | - |
| Prawn | - | - | - |
| Scampi | - | - | - |
| Shrimp | - | - | - |

2.7 Details of Operational area/Villages (2006-07)

| Sl. no | Taluk | Name of the block | Name of the village | Major crops & enterprises | Major problems identified | Identified thrust area |
|--------|------------|-------------------|---------------------|---|--|---|
| 1 | Mokokchung | Kobulong | Mopungchuket | Paddy, tapioca, maize, vegetables | Productivity is low in all the major crops due to non adoption of new technology | Production of oilseeds and pulses on commercial scale |
| 2. | Mokokchung | Ongpangkong(N) | Chungtia | Paddy, tapioca, maize, vegetables, orange etc | 1. Productivity is low in all the major crops due to non adoption of new technology 2. Citrus decline | 1. Production of oilseeds and pulses on commercial scale 2. Rejuvenation of citrus plantation. |

2.8 Priority thrust areas

| Sl. no | Thrust areas |
|--------|---|
| 1 | ➤ Popularization of SARS Series Paddy Cultivation |
| 2 | ➤ Dissemination of Jhum Identification and Fallow Management Technology |
| 3 | ➤ Production of Organic Manures |
| 4 | ➤ Goat Rearing and Fodder Production |
| 5 | ➤ IPM |
| 6 | ➤ Land Development and Farm Mechanization |
| 7 | ➤ Agriculture Marketing |
| 8 | ➤ Pulses and Oilseed Production |
| 9 | ➤ Production and Processing of Tapioca |
| 10 | ➤ Production of Winter Vegetables |

3. TECHNICAL ACHIEVEMENTS

3.1.A Abstracts of interventions undertaken

| Sl. no | Thrust area | Crop/enterprise | Identified problem | Interventions | | | | | |
|--------|------------------------------|-----------------------|--|---------------|--|--|--|---------------------------|---|
| | | | | Title of OFT | Title of FLD | Title of training if any | Title of training for extension personnel if any | Extension activities | Supply of seeds, planting materials etc |
| 1 | Production of Organic Manure | Compost, vermicompost | Non availability of compost and vermicompost | - | Production of compost and vermicompost | Technique of vermin culture and composting | - | Leaflets & demonstrations | - |
| 2 | Oilseed & Pulses Production | Rapeseed & Pea | Lack of suitable varieties | - | Demonstration on TS-38 & Azad | - | - | Leaflets & demonstrations | - |

3.1.B Details of each On Farm trial to be furnished in the following format

- 1) Title of On Farm trials
- 2) Problem diagnose
- 3) Details of technologies selected for assessment/refinement
- 4) Source of technology
- 5) Production system and thematic area
- 6) Performance of technology with reference with performance indicator
- 7) Final recommendation for micro level situation
- 8) Constraints identified and feedback for research
- 9) Process of farmers participation and their reaction

3.1.C Results of On Farm Trials

| Crop/enterprise | Farmin situation | Problem diagnosed | Title of OFT | No. of trials | Technology assessed | Parameters of assessment | Data on the parameter | Results of assessment | Feedback from the farmers | Any refinement done | Justification for refinement |
|-----------------|------------------|-------------------|--------------|---------------|---------------------|--------------------------|-----------------------|-----------------------|---------------------------|---------------------|------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

*No. of farmers

| Technology assessed/refined | *Production per unit | Net return (profit) in Rs/unit | BC ratio |
|-----------------------------|----------------------|--------------------------------|----------|
| 13 | 14 | 15 | 16 |
| | | | |
| | | | |
| | | | |

* Field crops – kg/ha, * for horticultural crops – kg or t/ha, * milk and meat – litres or kg/animal,

* for mushroom and vermi compost – kg/unit area

** Give details of the technology assessed or refined and farmers practice

3.2 Achievements of Frontline Demonstrations

a. Follow-up for results of FLDs implemented during the previous years

List of technologies demonstrated during previous year and popularized during 2006-07 and recommended for large scale adoption in the district

| Sl. No | Thematic Area* | Technology demonstrated | Details of Popularization methods suggested to the Extension system | Horizontal spread of technology | | |
|--------|----------------|---|---|---------------------------------|----------------|-------------|
| | | | | No. of villages | No. of farmers | Area in ha. |
| 1 | Oilseed TS-38 | Moisture stress tolerant & late sowing of rapeseed. | Trainings & Demonstrations | 2 | 4 | 2 |
| 2 | Pulses Azad | High yielding & resistance to powdery mildew. | Trainings & Demonstrations | 2 | 4 | 2 |

* Thematic areas as given in table 3.1 (A1 and A2)

b. Details of FLDs implemented during 2006-07 (information is to be furnished in the following three tables for each category i.e cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops)

| Sl. no | Crop | Thematic area | Technology demonstrated | Season and year | Area (ha) | | No. of farmers/ demonstration | | | Reasons for shortfall in achievement |
|--------|----------|--|-------------------------|-----------------|-----------|--------|-------------------------------|--------|-------|--------------------------------------|
| | | | | | Proposed | Actual | SC/ST | Others | Total | |
| 1. | Rapeseed | Increased production through double cropping | Late and line sowing | Rabi 2006 | 3 | 2 | 4 | | 4 | Time constraint |

| Sl. no | Crop | Thematic area | Technology demonstrated | Season and year | Area (ha) | | No. of farmers/ demonstration | | | Reasons for shortfall in achievement |
|--------|------|--|------------------------------|-----------------|-----------|--------|-------------------------------|--------|-------|--------------------------------------|
| | | | | | Proposed | Actual | SC/ST | Others | Total | |
| 1 | Pea | Increased production through double cropping | Use of high yielding variety | Rabi 2006 | 3 | 2 | 4 | | 4 | Shortage of required inputs |

| Sl. no | Crop | Thematic area | Technology demonstrated | Season and year | Area (ha) | | No. of farmers/ demonstration | | | Reasons for shortfall in achievement |
|--------|-------|--------------------------|---|-----------------|-----------|--------|-------------------------------|--------|-------|--------------------------------------|
| | | | | | Proposed | Actual | SC/ST | Others | Total | |
| 1 | Arhar | Intercropping with paddy | Use of dwarf and short duration variety | Kharif 2006 | 3 | 2 | 4 | | 4 | Shortage of inputs |

Details of farming situation

| Crop | Season | Farming situation (RF/Irrigated) | Soil type | Status of Soil | | | Previous Crop | Sowing date | Harvest date | Seasonal rainfall (mm) | No. of rainy days |
|-------|--------|----------------------------------|-----------|----------------|-----------|------------|---------------|-------------|--------------|------------------------|-------------------|
| | | | | N/OC | P | K | | | | | |
| Raped | Rabi | Rainfed | Silt loam | 2.4% | 5.5 kg/ha | 62.3 kg/ha | Paddy | 31.10.06 | 25.02.07 | 38.22 | 24 |
| Arhar | Kharif | Raibfed | Silt loam | 2.2% | 5.2 kg/ha | 61.2kg /ha | Paddy | 18.04.06 | 15.11.06 | 203.6 | 97 |
| Pea | Rabi | Rainfed | Silt loam | 2.4% | 5.6 kg/ha | 62.8 kg/ha | Paddy | 31.10.06 | 25.02.07 | 38.22 | 24 |

Performance of FLD

| Sl. no | Crop | Technology demonstrated | Variety | No. of farmers | Area (ha) | Demo. Yield (q/ha) | | | Yield of local check (q/ha) | Increase in yield (%) | Data on parameter in relation to technology demonstrated | |
|--------|-----------|---|---------|----------------|-----------|---------------------|---------------------|----------------------|-----------------------------|-----------------------|--|-------|
| | | | | | | H | L | A | | | Demo | Local |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 1 | Pea | Use of high yielding variety | Azad | 4 | 2 | 75.3 (green pod) | 71.4 (green pod) | 73.35 (green pod) | 62.5 | 17.36 | | |
| 2 | Rape seed | Late and line sowing | TS 38 | 4 | 2 | 5.63 | 4.1 | 4.86 | 3.96 | 22.7 | | |
| 3 | Arhar | Use of dwarf and short duration variety | Manak | 4 | 2 | 14.77 | 11.3 | 13.03 | 10.9 | 19.51 | | |

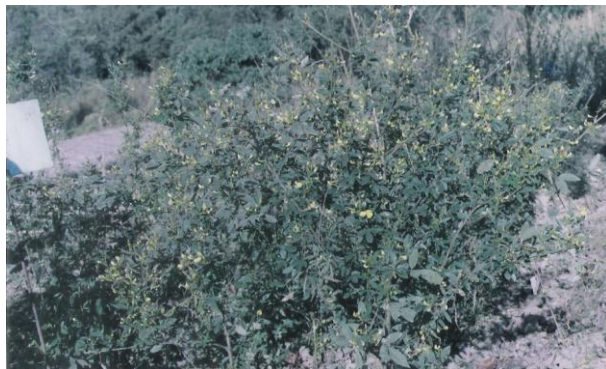
NB : Attach few good action photographs with title at the back with pencil



FLD on Oilseed at Chungtia



FLD on Oilseed at Mopungchuket



FLD on Pulses (Ahar-Variety Manak)



FLD on Pulses (Pea-Variety Azad)

Economic impact (continuation of previous table)

| Average cost of cultivation (Rs/ha) | | Average gross return (Rs/ha) | | Average Net return (profit) (Rs/ha) | | Benefit-cost ratio (gross return/gross cost) |
|-------------------------------------|-------------|------------------------------|-------------|-------------------------------------|-------------|--|
| Demonstration | Local check | Demonstration | Local check | Demonstration | Local check | |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 3000 | 2000 | 73350 | 62500 | 70350 | 60500 | |
| 2500 | 1500 | 4860 | 3960 | 2360 | 860 | |
| 2500 | 1500 | 13030 | 10900 | 10530 | 9030 | |

Analytical review of component demonstrations (details of each component for rainfed/irrigated situations to be given separately for each season)

| Crop | Season | Component | Farming situation | Average yield (q/ha) | Local check (q/ha) | Percentage increase in productivity over local check |
|----------|--------|--|-------------------|----------------------|--------------------|--|
| Rapeseed | Rabi | 1. Seed/variety : TS - 38 | Rainfed | 4.86 q/ha | 3.96 q/ha | 22.7 % |
| | | 2. Bio-fertilizer | | | | |
| | | 3. Fertilizer management | | | | |
| | | 4. Plant protection | Fenvelerate | | | |
| | | 5. Combination of components (pl. specify) | | | | |

Technical fed back on the demonstrated technologies

| Sl. no | Feed Back |
|--------|--|
| 1 | TS – 38 is more moisture stress tolerant than local check (M-27) |
| 2 | Branching is compact and hence resistant to lodging problem |
| 3 | Pest and disease resistant as compared to local check |
| 4 | It gives higher yield than the local check |
| 5 | It is late sown variety and suitably fits into cropping season |

Farmers reactions on specific technologies

| Sl. no | Feed Back |
|--------|---|
| 1 | Farmers prefer TS-38 as it is tolerant to moisture stress as the crop is mainly grown under rainfed condition |
| 2 | Since it has compact branching more plants per unit area can be grown which leads to higher yield |
| 3 | If there is a buy back policy, farmers are willing to cultivate in commercial scale |
| 4 | It can withstand lodging and resistant to leaf rust and powdery mildew. |

| Crop | Season | Component | Farming situation | Average yield (q/ha) | Local check (q/ha) | Percentage increase in productivity over local check |
|------|--------|--|-------------------|----------------------|--------------------|--|
| Pea | Rabi | 1. Seed/variety : Azad | Rainfed | 73.35 | 62.5 | 17.36% |
| | | 2. Bio-fertilizer | | | | |
| | | 3. Fertilizer management | 20:40 (N:P kg/ha) | | | |
| | | 4. Plant protection | Bavistin | | | |
| | | 5. Combination of components (pl. specify) | | | | |

Technical fed back on the demonstrated technologies

| Sl. no | Feed Back |
|--------|---|
| 1 | Sowing should be completed by early part of October to avoid powdery mildew infestation |
| 2 | It is a dwarf variety and hence do not require support for the vines. |
| 3 | Plant growth and yield are better than the local check |

Farmers reactions on specific technologies

| Sl. no | Feed Back |
|--------|--|
| 1 | Since market for pea is good the farmers are willing to cultivate in large scale |
| 2 | Department officials should give technical guidance in plant protection measures |
| 3 | Critical inputs like seeds, fertilizers and PP chemicals should be subsidized. |

| Crop | Season | Component | Farming situation | Average yield (q/ha) | Local check (q/ha) | Percentage increase in productivity over local check |
|-------|--------|--|-------------------|----------------------|--------------------|--|
| Arhar | Kharif | 1. Seed/variety : Manak | Rainfed | 13.03 | 10.9 | 19.54% |
| | | 2. Bio-fertilizer | | | | |
| | | 3. Fertilizer management | 20:30 (N:P kg/ha) | | | |
| | | 4. Plant protection | Fenvelerate | | | |
| | | 5. Combination of components (pl. specify) | | | | |

Technical fed back on the demonstrated technologies

| Sl. no | Feed Back |
|--------|--|
| 1 | Manak is a dwarf variety and short duration than the local check (T-9x) |
| 2 | Since it is dwarf in nature this variety can be comfortable used as strip cropping in jhum fields. |
| 3 | It gives higher yield than the local check. |

Farmers reactions on specific technologies

| Sl. no | Feed Back |
|--------|--|
| 1 | Farmers prefer manak as it takes shorter time for harvesting than the local check. |

Extension and training activities under FLD

| Sl.No. | Activity | No. of activities organized | Date | No. of Participants | Remarks |
|--------|--------------------------------------|-----------------------------|------|---------------------|---------|
| 1 | Field days | 08 | | 311 | |
| 2 | Farmers Training | 30 | | 725 | |
| 3 | Media coverage | 10 | | | |
| 4 | Training for extension functionaries | 10 | | 250 | |

| | | | | | | | | |
|--|--|--|--|--|--|--|--|--|
| Export potential fruits | | | | | | | | |
| Micro irrigation system of orchards | | | | | | | | |
| Plant propagation techniques | | | | | | | | |
| c. Ornamental plants. | | | | | | | | |
| Nursery management | | | | | | | | |
| Management of potted plants | | | | | | | | |
| Export potential of ornamental plants | | | | | | | | |
| Propagation techniques of ornamental plants | | | | | | | | |
| d. Plantation crops. | | | | | | | | |
| Production and management technology | | | | | | | | |
| Processing and value addition | | | | | | | | |
| e. Tuber crops | | | | | | | | |
| Production and management technology | | | | | | | | |
| Processing and value addition | | | | | | | | |
| f. Spices | | | | | | | | |
| Production and management technology | | | | | | | | |
| Processing and value addition | | | | | | | | |
| g. Medicinal and Aromatic plants | | | | | | | | |
| Nursery management | | | | | | | | |
| Production and management technology | | | | | | | | |
| Post harvest technology and value addition | | | | | | | | |
| III. Soil Health and Fertility Management | | | | | | | | |
| Soil fertility management | | | | | | | | |
| Soil and water conservation | | | | | | | | |
| Integrated nutrient management | | | | | | | | |
| Production and use of organic inputs | | | | | | | | |
| Management of problematic soils. | | | | | | | | |
| Micro nutrient deficiency in crops | | | | | | | | |
| Nutrient use efficiency | | | | | | | | |
| Soil and water testing | | | | | | | | |

| | | | | | | | | |
|---|-----------|--|--|--|------------|------------|------------|------------|
| Sheep and goat rearing | 1 | | | | 12 | 13 | 25 | 25 |
| Quail farming | | | | | | | | |
| Piggery | | | | | | | | |
| Rabbit farming | 1 | | | | 11 | 14 | 25 | 25 |
| Poultry production | | | | | | | | |
| Ornamental fisheries | | | | | | | | |
| Para vets | | | | | | | | |
| Para extension workers | | | | | | | | |
| Composite fish culture | 1 | | | | 14 | 11 | 25 | 25 |
| Freshwater prawn culture | | | | | | | | |
| Shrimp farming | | | | | | | | |
| Pearl culture | | | | | | | | |
| Cold water fisheries | | | | | | | | |
| Fish harvest and processing technology | | | | | | | | |
| Fry and fingerling rearing | 1 | | | | 14 | 11 | 25 | 25 |
| Small scale processing | | | | | | | | |
| Post Harvest Technology | 1 | | | | 10 | 15 | 25 | 25 |
| Tailoring and Stitching | 1 | | | | - | 20 | 20 | 20 |
| Rural crafts | 1 | | | | 13 | 12 | 25 | 25 |
| TOTAL | 13 | | | | 142 | 172 | 314 | 314 |
| (C) Extension Personnel | | | | | | | | |
| Productivity enhancement in field crops | 1 | | | | 13 | 12 | 25 | 25 |
| Integrated Pest Management | 1 | | | | 14 | 11 | 25 | 25 |
| Integrated Nutrient management | | | | | | | | |
| Rejuvenation of old orchards | 1 | | | | 11 | 14 | 25 | 25 |
| Protected cultivation technology | | | | | | | | |
| Formation and Management of SHGs | 1 | | | | 10 | 15 | 25 | 25 |
| Group Dynamics and farmers organization | | | | | | | | |
| Information networking among farmers | | | | | | | | |
| Capacity building for ICT application | | | | | | | | |
| Care and maintenance of farm machinery and implements | | | | | | | | |
| WTO and IPR issues | | | | | | | | |
| Management of farm animals | 1 | | | | 12 | 13 | 25 | 25 |

| | | | | | | | | |
|---|-----------|--|--|--|------------|------------|------------|------------|
| Sheep and goat rearing | 2 | | | | 25 | 25 | 50 | 50 |
| Quail farming | | | | | | | | |
| Piggery | | | | | | | | |
| Rabbit farming | 2 | | | | 26 | 24 | 50 | 50 |
| Poultry production | | | | | | | | |
| Ornamental fisheries | | | | | | | | |
| Para vets | | | | | | | | |
| Para extension workers | | | | | | | | |
| Composite fish culture | 1 | | | | 14 | 11 | 25 | 25 |
| Freshwater prawn culture | | | | | | | | |
| Shrimp farming | | | | | | | | |
| Pearl culture | | | | | | | | |
| Cold water fisheries | | | | | | | | |
| Fish harvest and processing technology | | | | | | | | |
| Fry and fingerling rearing | 1 | | | | 14 | 11 | 25 | 25 |
| Small scale processing | | | | | | | | |
| Post Harvest Technology | 2 | | | | 22 | 28 | 50 | 50 |
| Tailoring and Stitching | 1 | | | | - | 20 | 20 | 20 |
| Rural crafts | 1 | | | | 13 | 12 | 25 | 25 |
| TOTAL | 20 | | | | 232 | 257 | 489 | 489 |
| (C) Extension Personnel | | | | | | | | |
| Productivity enhancement in field crops | 1 | | | | 13 | 12 | 25 | 25 |
| Integrated Pest Management | 2 | | | | 29 | 21 | 50 | 50 |
| Integrated Nutrient management | | | | | | | | |
| Rejuvenation of old orchards | 2 | | | | 23 | 27 | 50 | 50 |
| Protected cultivation technology | | | | | | | | |
| Formation and Management of SHGs | | | | | | | | |
| Group Dynamics and farmers organization | | | | | | | | |
| Information networking among farmers | | | | | | | | |
| Capacity building for ICT application | | | | | | | | |
| Care and maintenance of farm machinery and implements | | | | | | | | |
| WTO and IPR issues | | | | | | | | |
| Management of farm animals | 1 | | | | 12 | 13 | 25 | 25 |
| Livestock feed and fodder production | 1 | | | | 14 | 11 | 25 | 25 |
| Household food security | | | | | | | | |
| Women and child care | 1 | | | | - | 21 | 21 | 21 |
| Low cost and nutrient efficient diet designing | | | | | | | | |
| Production and use of organic inputs | 1 | | | | 15 | 10 | 25 | 25 |
| Gender mainstreaming through SHGs | | | | | | | | |
| Any other (PI. Specify) | | | | | | | | |
| TOTAL | 10 | | | | 116 | 130 | 246 | 246 |

Note : Please furnish the details of training programmes as **Annexure in the proforma** given below

| Date | Clientele | Title of the training programme | Duration in days | Venue (Off/On campus) | Number of participants | | | Self employed after training | | |
|------|-----------|---------------------------------|------------------|-----------------------|------------------------|--------|-------|------------------------------|--------|-------|
| | | | | | Male | Female | Total | Male | Female | Total |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

(D) Vocational training programmes for Rural Youth

| Crop/enterprise | Identified Thrust area | Training title* | Duration (days) | No. of participants | | | Self employed after training | | | Number of person employed elsewhere |
|-----------------|------------------------|-----------------|-----------------|---------------------|--------|-------|------------------------------|-----------------|------------------------|-------------------------------------|
| | | | | Male | Female | Total | Type of unit | Number of units | Number of per employed | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

* Training title should specify the major technology/skill transferred

(E) Sponsored Training Programmes

| Sl. no | Title | Them atic area | Month | Dura tion (days) | Clien t PF/R Y/ EF | No. of courses | No. of participants | | | | | | Spon so ring agenc y | |
|--------------|-------------------------|----------------|-------|-------------------|--------------------|----------------|---------------------|------------|----------|------------|----------|------------|----------------------|---------------|
| | | | | | | | Male | | Female | | Total | | | |
| | | | | | | | Ot her s | SC/ ST | Ot her s | SC/ ST | Ot her s | SC/ ST | | Tot al |
| 1 | Goat rearing | | June | 3 | PF | 2 | | 27 | | 23 | | 50 | 50 | Vety. Deptt. |
| 2 | Organic farming | | March | 3 | PF | 2 | | 20 | | 25 | | 45 | 45 | SARS |
| 3 | Orchard management | | May | 2 | EF | 1 | | 22 | | 18 | | 40 | 40 | Horti. Deptt. |
| 4 | Post harvest technology | | Sept. | 4 | EF | 2 | | 24 | | 21 | | 45 | 45 | Agri. Deptt |
| 5 | Kharif crop production | | April | 3 | RY | 2 | | 23 | | 27 | | 50 | 50 | Agri. Deptt |
| 6 | Tea technology | | July | 5 | RY | 3 | | 21 | | 29 | | 50 | 50 | Agri. Deptt |
| Total | | | | 20 | | 12 | | 137 | | 143 | | 280 | 280 | |

3.4 Extension Activities (including activities of FLD programmes)

| Nature of extension activities | No. of activities | Farmers. | | | Extension Officials | | | Total | | |
|---|-------------------|------------|------------|------------|---------------------|-----------|-----------|------------|------------|------------|
| | | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| Field day | 3 | 50 | 45 | 95 | 9 | 6 | 15 | 59 | 54 | 113 |
| Kisan mela | | | | | | | | | | |
| Kisan Ghosthi | 8 | | | | | | | | | |
| Exhibition | 1 | | | | | | | | | |
| Film Show | 5 | 45 | 40 | 85 | 15 | 10 | 25 | 60 | 50 | 110 |
| Method demonstration | | | | | | | | | | |
| Farmers Seminar | 2 | 28 | 30 | 58 | | | | 28 | 30 | 58 |
| Workshop | | | | | | | | | | |
| Group meetings | 3 | 35 | 30 | 65 | | | | 35 | 30 | 65 |
| Lectures delivered as resource person | 3 | 30 | 45 | 75 | | | | 30 | 45 | 75 |
| Newspaper coverage | 2 | | | | | | | | | |
| Radio talk | 3 | | | | | | | | | |
| TV talk | | | | | | | | | | |
| Popular articles | | | | | | | | | | |
| Extension Literatures | 16 | | | | | | | | | |
| Advisory services | 3 | 35 | 25 | 60 | | | | 35 | 25 | 60 |
| Scientific visit to farmers field | 8 | | | | | | | | | |
| Farmers visit to KVK | 6 | 36 | 33 | 69 | | | | 36 | 33 | 69 |
| Diagnostic visit | | | | | | | | | | |
| Exposure visits | | | | | | | | | | |
| Ex-trainees Sammelan | | | | | | | | | | |
| Soil health camp | | | | | | | | | | |
| Animal health camp | 4 | 55 | 40 | 95 | 20 | 15 | 35 | 75 | 55 | 130 |
| Agri mobile clinic | | | | | | | | | | |
| Soil test campaign | | | | | | | | | | |
| Farm science club | | | | | | | | | | |
| Conveners meetings | | | | | | | | | | |
| Self Help Group | 2 | 11 | 20 | 31 | | | | 11 | 20 | 31 |
| Conveners meetings | | | | | | | | | | |
| Mahila Mandals | | | | | | | | | | |
| Conveners meetings | | | | | | | | | | |
| Celebration of important days (specify) | | | | | | | | | | |
| Any other (specify) | | | | | | | | | | |
| Total | | 325 | 308 | 633 | 44 | 31 | 75 | 369 | 342 | 711 |

3.5 Production and supply of Technological products

SEED MATERIALS

| Sl. No | Crop | Variety | Quantity (Qtl) | Value (Rs) | Provided to No. of farmers |
|------------------|-----------|---------------|----------------|------------|----------------------------|
| CEREALS | | | | | |
| OILSEEDS | Rapeseed | TS 38 | 3.2 | 4800/- | 26 |
| PULSES | Rice bean | Dwarf (Local) | 3.5 | 7000/- | 32 |
| | Pea | Azad | 3.0 | 4500/- | 23 |
| VEGETABLES | | | | | |
| FLOWER CROPS | | | | | |
| OTHERS (specify) | | | | | |

SUMMARY

| Sl. No | Crop | Quantity (Nos) | Value (Rs) | Provided to no. of farmers |
|----------------|----------------|----------------|----------------|----------------------------|
| 1. CEREALS | | | | |
| 2. OILSEEDS | Rapeseed | 3.2 | 4800/- | 26 |
| 3. PULSES | Rice bean, Pea | 6.5 | 11500/- | 55 |
| 4. VEGETABLES | | | | |
| 5. FLOER CROPS | | | | |
| 6. OTHERS | | | | |
| TOTAL | | 9.7 | 16300/- | 81 |

PLANTING MATERIALS

| Sl. no | Crop | Variety | Quantity (nos) | Value (Rs) | Provided to No. of farmers |
|------------------|----------|---------|----------------|------------|----------------------------|
| FRUITS | | | | | |
| SPICES | | | | | |
| VEGETABLES | | | | | |
| FOREST SPECIES | Alder | Local | 2500 | 12500/- | 32 |
| ORNAMENTAL CROPS | | | | | |
| PLANTATION CROPS | | | | | |
| OTHERS (specify) | Jatropha | - | 15,000 | 75,000/- | 22 |

SUMMARY

| Sl. no | Crop | Quantity (nos) | Value (Rs) | Provided to No. of farmers |
|--------------|-----------------|----------------|---------------|----------------------------|
| 1 | FRUITS | | | |
| 2 | VEGETABLES | | | |
| 3 | SPICES | | | |
| 4 | FOREST SPECIES | 2500 | 12500 | 32 |
| 5 | ORNAMENTAL CROP | | | |
| 6 | PLANTATION CROP | | | |
| 7 | OTHERS | 15,000 | 75,000 | 22 |
| TOTAL | | 17,500 | 87,500 | 54 |

BIOPRODUCTS

| Sl. No | Product name | Species | Quantity | | Value (Rs) | Provided to No. of farmers |
|--------|----------------|---------|----------|----|------------|----------------------------|
| | | | No. | Kg | | |
| | BIOAGENTS | | | | | |
| 1 | | | | | | |
| | BIOFERTILIZERS | | | | | |
| 1 | | | | | | |
| | BIOPESTICIDES | | | | | |
| 1 | | | | | | |

SUMMARY

| Sl. no | Product name | Species | Quantity | | Value (Rs) | Provided to no. of farmers |
|--------------|---------------|---------|----------|----|------------|----------------------------|
| | | | No. | Kg | | |
| 1 | BIOAGENTS | | | | | |
| 2 | BIOFERTILIZER | | | | | |
| 3 | BIOPESTICIDE | | | | | |
| TOTAL | | | | | | |

LIVESTOCK

| Sl. No | Type | Breed | Quantity | | Value (Rs) | Provided to No. of farmers |
|--------|-----------------|-------|----------|-----|------------|----------------------------|
| | | | Nos | Kgs | | |
| | CATTLE | | | | | |
| | SHEEP AND GOAT | | | | | |
| | POULTRY | | | | | |
| | FISHERIES | | | | | |
| | OTHERS(specify) | | | | | |

SUMMARY

| Sl. No | Type | Breed | Quantity | | Value (Rs) | Provided to No. of farmers |
|--------------|-----------------|-------|----------|-----|------------|----------------------------|
| | | | Nos | Kgs | | |
| 1. | CATTLE | | | | | |
| 2. | SHEEP AND GOAT | | | | | |
| 3. | POULTRY | | | | | |
| 4. | FISHERIES | | | | | |
| 5. | OTHERS(specify) | | | | | |
| TOTAL | | | | | | |

3.6 Literature developed/published (with full title, author & reference

(A) KVK News Letter (Date of start, number of copies distributed etc)

(B) Literature developed/published

| Item | Title | Authors name | Number |
|----------------------------------|--|--------------|--------|
| Research paper | | | |
| Technical reports | | | |
| News letter | | | |
| Technical bulletins | | | |
| Popular articles | | | |
| Extension literatures (leaflets) | 1. Entsülashi Lu ayimba (Package of practices of passion fruit cultivation) | | 300 |
| | 2. Sumomo Lu ayimba (Package of practices of Banana cultivation) | | 250 |
| | 3. Naring Lu ayimba (Package of practices of orange cultivation) | | 250 |
| | 4. Tzüla Mol yangluba inyakyim aser amshiyim (Vermi compost) | | 200 |
| | 5. Manü Lu ayimba (Package of practices of Colocassia cultivation) | | 250 |
| | 6. Ak metsüba yimya (Piggery management) | | 250 |
| | 7. Ango metsüba yima (Fishery Management) | | 200 |
| | 8. Ayung nung Angu metsüba Inyakyim (Package of practice of Riverine Fish) | | 200 |
| | 9. Trichogramma amshia mesen tepsetba (Use of Trichogramma for controlling pest) | | 200 |
| | 10. Some facts about Bt-Cotton | | 200 |
| | 11. Management of Parthenium Hysterophorus l. (Congress Grass) | | 200 |
| | 12. Ozu Tashidak (Bird flu) | | 250 |
| | 13. Piyas lu ayimba yimya (Package and practices of onion cultivation) | | 200 |
| | 14. Süngmok lu ayimba yima (Package of practices of ginger cultivation) | | 350 |
| | 15. Nagaland nung aonsotsü lu ayimtsü inyakyim (Package of practices of vegetable cultivation in Nagaland) | | 350 |
| | 16. Nagaland nung Amshitsü Tsük Metsü tajungtem (Rice variety suitable for Nagaland) | | 500 |
| Others (specify) | | | |
| TOTAL | | | |

N.B Please enclose a copy of each. In case of literature prepared in local language please indicate the title in English

(C) Details of Electronic Media Produced

| Sl. No | Type of media (CD/VCD/DVD/ Audio-cassette) | Title of the programme | Number |
|--------|---|------------------------|--------|
| | | | |

3.7 Success stories/Case studies, if any (two or three pages write up on each case with suitable action photographs)

Success Story of Women SHG (Vermi compost)

A women SHG comprising of 12 members was formed on 15th March 2004 under KVK adopted Mopungchuket Village. The rules and regulations to run the SHG was framed with the help of Programme Coordinator and got approved by the Village Council. In the initial stage each group member contributed Rs. 500/- towards the fund and Rs.10,000/- was given as loan from the KVK revolving fund. The whole amount was then deposited in Joint Bank Account NSCB – 11404 Mokokchung Branch. The group then took loan from the Bank and vermi composting shed was constructed. In the beginning of 2005 a Training on Vermicompost making was imparted to the SHG members at KVK Yisemyong.

The group took the work very sincerely and ventured into the vermi compost production and by August 2005 they harvested the compost 3 times. The total quantity sold during 2005 – 2006 is 1,500 kgs. Apart from sale of compost, live earthworms are also in high demand and the group has supplied 40,000 worms to various individuals and groups. Their total income now stands at Rs.25,000/-. The SHG is planning to expand the production in order to meet the local demand by constructing more composting units. Seeing their success many farmers and private entrepreneurs are now coming forward to take up vermi compost.

The groups have created awareness among the farming community about the importance and prospect of using vermi compost for organic crop production. This will definitely pave the way for farmers to switch over to organic farming without hesitation.



3.8 Give details of innovative methodology or innovative technology of Transfer of Technology developed and used during the year

3.9 Give details of indigenous technology practiced by the farmers in the KVK operational area which can be considered to technology development (in detail with suitable photographs)

| Sl. No | Crop/enterprise | ITK practiced | Purpose of ITK |
|--------|-----------------|---------------|----------------|
| | | | |

3.10 Indicate the specific training need analysis tools/methodology followed for

- Identification of courses for farmers/farm women : PRA
- Rural Youth : PRA
- Inservice Personnel : PRA

3.11 Field activities

- i. Number of village adopted : 1
- ii. No. of farm families selected : 50
- iii. No. of survey/PRA conducted : 3

3.12 Activities of Soil and Water Testing Laboratory

- Status of establishment of Lab : NIL
- 1. Year of establishment : NIL
- 2. List of equipments purchased with amount : NIL

| Sl. No | Name of equipment | Qty. | Cost |
|--------|-------------------|------|------|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| Total | | | |

- 3 Details of samples analysed so far : NIL

| Details | No. of samples | No. of farmers | No. of villages | Amount realized |
|---------------|----------------|----------------|-----------------|-----------------|
| Soil samples | | | | |
| Water samples | | | | |
| Total | | | | |

4.0 IMPACT

4.1 Impact t of KVK activities (Not to be restricted for reporting period)

| Name of specific technology/skill transferred | No. of participants | % of adoption | Change of income (Rs) | |
|--|----------------------------|----------------------|------------------------------|------------------------|
| | | | Before (Rs/unit) | After (Rs/unit) |
| Homestead gardening | 10 | 55 | 3000 | 5000 |
| Line sowing of mustard | 12 | 12 | 1500 | 3000 |
| IPM on vegetable crops | 8 | 42 | 1000 | 2500 |
| Ginger cultivation | 10 | 50 | 3000 | 5000 |
| Banana cultivation | 10 | 50 | 3500 | 6000 |

N.B Should be based on actual study, questionnaire/group discussion etc with x-participants

4.2 Cases of large scale adoption

(please furnish detailed information for each case)

4.3 Details of impact analysis of KVK activities carried out during the reporting period

5.0 LINKAGES

5.1. Functional linkage with different organizations

| Name of organization | Nature of linkage |
|--|--|
| State Agricultural Research Station (SARS) Yisemyong, AICRIP | Joint implementation in conducting training, demonstration, meeting etc. |
| DAO, DHO, DVO, DSCO in the district | Conducting training, demonstration programmes |
| NEPED (IDRC) Kohima | Implementing NEPED Research activities |
| ICAR, KVK Jharnapani, NU | Consultation, meeting and exchange of technologies |
| AIR Doordashan Mokokchung | Technology dissemination through broadcasting media through AIR by staff of KVK. |

N.B The nature of linkage should be indicated in terms of joint diagnostic survey, joint implementation, participation in meting, contribution received for infrastructural development, conducting training programmes and demonstration or any other

6.2 Performance of instructional farm (crops) including seed production

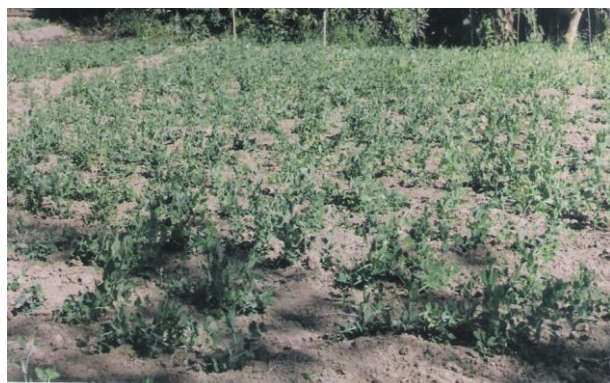
| Name of the crop | Date of sowing | Date of harvest | Area (ha) | Details of production | | | Amount (Rs) | | Remarks |
|---------------------------|----------------|----------------------------|-----------|--|-----------------|----------|----------------|--------------|---------|
| | | | | Variety | Type of produce | Qty (Kg) | Cost of inputs | Gross income | |
| Cereals | | | | | | | | | |
| 1. Maize | 08.05.06 | 08.09.06 | 0.003 | P.K pooja | Grain | 89.25 | 200 | 892 | Good |
| Pulses. | | | | | | | | | |
| 1. Pea | 18.10.06 | 08.01.07 | 0.017 | Azad | Pod | 204 | 400 | 1632 | Good |
| | | 08.01.07 | 0.019 | Arkel | Pod | 209 | 600 | 1672 | |
| 2. Cowpea | 18.10.06 | 16 picking | 0.003 | NS 634 | Bean | 690 | 800 | 3450 | Good |
| Oilseeds | | | | | | | | | |
| 1. Mustard | 24.10.06 | 23.02.07 | 0.003 | TS 38 | Seed | 12 | 200 | 880 | Average |
| Fibers | | | | | | | | | |
| Spices & Plantation crops | | | | | | | | | |
| Floriculture | | | | | | | | | |
| Fruits | | | | | | | | | |
| Vegetables | | | | | | | | | |
| 1. Knol khol | 19.10.06 | 10.01.07 | 0.002 | EWV | - | 400 | 600 | 2000 | Average |
| 2. Ginger | 17.03.06 | 23.02.07 | 0.002 | Mongti | Rhizome | 160 | 300 | 960 | Average |
| 3. Tomato | 15.11.06 | 25.02.07 | 0.003 | CK 19 | Fruit | 663 | 750 | 3315 | Good |
| 4. Potato | 17.10.06 | 12.02.07 | 0.003 | - | Tuber | 300 | 400 | 1800 | Average |
| 5. Turnip | 19.10.06 | 20.12.06 | 0.003 | Purple top | | 450 | 600 | 2250 | Good |
| 6. Chilly | 20.04.07 | 22.06.07 to 19.08.07 | 0.095 | a. Pusa Jawala b. Longsa c. Lotha | Fruit | 71.25 | 250 | 1050 | Average |
| Others (specify) | | | | | | | | | |



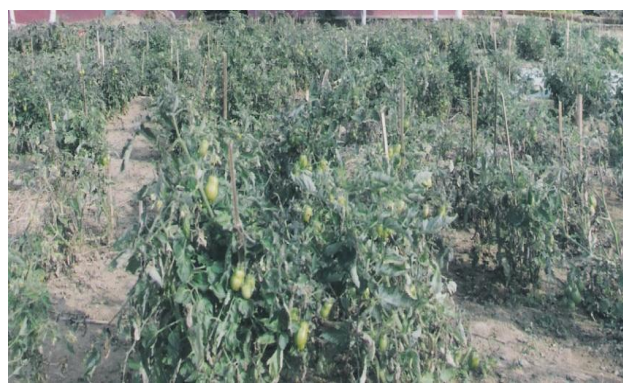
Maize (Variety PK Pooja)



Pea (Variety Azad)



Pea (Variety Arkel)



Tomato (Variety CK-19)



Harvested (Ginger)



Ginger (Nadia variety)



Varietal trial on Chilly



Cowpea (Variety NS 634)



Cowpea (Variety NS 634)

6.3 Performance of production units (bio-agents/bio pesticides/ bio fertilizers etc)

| Sl. No | Name of the product | Qty. | Amount (Rs) | | Remarks |
|--------|---------------------|------|----------------|--------------|---------|
| | | | Cost of inputs | Gross income | |
| | | | | | |

6.4 Performance of instructional farm (livestock and fisheries production)

| Sl. No | Name of the animal/ bird/aquatic | Details of production | | | Amount (Rs) | | Remarks |
|--------|----------------------------------|-----------------------|-----------------|------|----------------|--------------|---------|
| | | Breed | Type of produce | Qty. | Cost of inputs | Gross income | |
| | | | | | | | |

6.5 Utilization of hostel facilities

Accommodation available (No. of beds) -

Used SARS Farmers hosted 30

| Months | No. of trainees stayed | Trainee days (days stayed) | Reason for short fall (if any) |
|--------------|------------------------|----------------------------|--------------------------------|
| October 06 | 15 | 4 | |
| November 06 | 23 | 5 | |
| December 06 | - | - | |
| January 07 | 25 | 3 | |
| February 07 | 20 | 3 | |
| March 07 | 27 | 2 | |
| April 07 | - | - | |
| May 07 | 30 | 3 | |
| June 07 | - | - | |
| July 07 | 26 | 4 | |
| August 07 | 22 | 3 | |
| September 07 | - | - | |



7.0 FINANCIAL PERFORMANCE

7.1 Details of KVK Bank accounts

| Bank account | Name of the bank | Location | Account number |
|---------------------|------------------|---------------|----------------|
| With Host Institute | SBI | Leire, Kohima | 01000050059 |
| With KVK | SBI | Mokokchung | 01000050913 |

7.2 Utilization of funds under FLD on Oilseed (Rs. In lakhs)

| Item | Released by ICAR | | Expenditure | | Unspent balance as on 1 st April 2007 |
|----------------------|------------------|--------------|-------------|--------------|--|
| | Kharif 2006 | Rabi 2006-07 | Kharif 2006 | Rabi 2006-07 | |
| Inputs | 0.053 | 0.028 | 0.053 | 0.028 | |
| Extension activities | 0.067 | 0.033 | 0.067 | 0.033 | NIL |
| TA/DA ETC | 0.051 | 0.01381 | 0.051 | 0.01381 | |
| TOTA/ | 0.171 | 0.07481 | 0.171 | 0.07481 | |

7.3 Utilization of funds under FLD on Pulses (Rs. In lakhs)

| Item | Released by ICAR | | Expenditure | | Unspent balance as on 1 st April 2007 |
|----------------------|------------------|--------------|-------------|--------------|--|
| | Kharif 2006 | Rabi 2006-07 | Kharif 2006 | Rabi 2006-07 | |
| Inputs | 0.031 | 0.025 | 0.031 | 0.025 | |
| Extension activities | 0.029 | 0.031 | 0.029 | 0.031 | NIL |
| TA/DA ETC | 0.01481 | 0.01525 | 0.01481 | 0.01525 | |
| TOTA/ | 0.07481 | 0.07125 | 0.07481 | 0.07125 | |

7.4 Utilization of funds under FLD on Cotton (Rs. In lakhs)

| Item | Released by ICAR | | Expenditure | | Unspent balance as on 1 st April 2007 |
|----------------------|------------------|--------------|-------------|--------------|--|
| | Kharif 2006 | Rabi 2006-07 | Kharif 2006 | Rabi 2006-07 | |
| Inputs | | | | | |
| Extension activities | | | | | |
| TA/DA ETC | | | | | |
| TOTA/ | | | | | |

7.5 Utilization of KV K funds during the year 2006-07 and 2007-08 (upto Sept. 2007) (year wise separately) (current year and previous year)

2006 - 07

| Sl. no | Particulars | Sanctioned | Released | Expenditure |
|---------------------------------------|--|------------------|------------------|------------------|
| A. Recurring Contingencies | | | | |
| 1 | PAY AND ALLOWANCES | 20,00,000 | 18,07,053 | 21,42,227 |
| 2 | Travelling allowances | 50,000 | 50,000 | 50,000 |
| 3 | Contingencies | 2,00,000 | | |
| A | Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (purchase of Newspaper & magazine) | 50,000 | 50,000 | 50,000 |
| B | POL, Repair of vehicles, tractor and equipments | 55,000 | 55,000 | 55,000 |
| C | Meals/refreshment for trainees (ceiling upto Rs 40/day/trainee be maintained) | 54,000 | 54,000 | 54,000 |
| D | Training materials (posters, charts, demonstration material including chemicals etc required for conducting the training) | 15,000 | 15,000 | 15,000 |
| E | Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year) | NIL | NIL | NIL |
| F | On farm testing (on need based, location specific and newly generated information in the major production systems of the area) | NIL | NIL | NIL |
| G | Training of Extension Functionaries | 26,000 | 26,000 | 26,000 |
| H | Maintenance of buildings | NIL | NIL | NIL |
| I | Establishment of Soil, Plant & Water Testing laboratory | NIL | NIL | NIL |
| J | library | NIL | NIL | NIL |
| TOTAL (A) | | 25,50,000 | 20,57,053 | 13,92,227 |
| B. Non-Recurring Contingencies | | | | |
| 1 | Works | NIL | NIL | NIL |
| 2 | Equipments including SWTL & Furniture | NIL | NIL | NIL |
| 3 | Vehicle (Four wheeler/Two wheeler, Please specify) | NIL | NIL | NIL |
| 4 | Library (purchase of assets like books & journals) | NIL | NIL | NIL |
| TOTAL B | | NIL | NIL | NIL |
| C. REVOLVING FUND | | NIL | NIL | NIL |
| GRAND TOTAL (A+B+C) | | 25,50,000 | 20,57,053 | 13,92,227 |

2007 -08 (Upto September 2007)

| Sl. no | Particulars | Sanctioned | Released | Expenditure |
|-----------------------------------|--|------------------|------------------|------------------|
| A. Recurring Contingencies | | | | |
| 1 | PAY AND ALLOWANCES | 24,00,000 | 10,41,017 | 10,41,017 |
| 2 | Travelling allowances | 75,000 | NIL | NIL |
| 3 | Contingencies | 4,00,000 | | |
| A | Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (purchase of Newspaper & magazine) | NIL | NIL | NIL |
| B | POL, Repair of vehicles, tractor and equipments | NIL | NIL | NIL |
| C | Meals/refreshment for trainees (ceiling upto Rs 40/day/trainee be maintained) | NIL | NIL | NIL |
| D | Training materials (posters, charts, demonstration material including chemicals etc required for conducting the training) | NIL | NIL | NIL |
| E | Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year) | NIL | NIL | NIL |
| F | On farm testing (on need based, location specific and newly generated information in the major production systems of the area) | NIL | NIL | NIL |
| G | Training of Extension Functionaries | NIL | NIL | NIL |
| H | Maintenance of buildings | NIL | NIL | NIL |
| I | Establishment of Soil, Plant & Water Testing laboratory | NIL | NIL | NIL |
| J | library | NIL | NIL | NIL |
| TOTAL (A) | | 28,75,000 | 10,41,017 | 10,41,017 |

| | | | | |
|---------------------------------------|--|------------------|------------------|------------------|
| B. Non-Recurring Contingencies | | | | |
| 1 | Works | 39,6700 | NIL | NIL |
| 2 | Equipments including SWTL & Furniture | | | |
| 3 | Vehicle (Four wheeler/Two wheeler, Please specify) | NIL | NIL | NIL |
| 4 | Library (purchase of assets like books & journals) | NIL | NIL | NIL |
| TOTAL B | | 39,67000 | NIL | NIL |
| C. REVOLVING FUND | | NIL | NIL | NIL |
| GRAND TOTAL (A+B+C) | | 68,42,000 | 10,41,017 | 10,41,017 |

7.6 Status of revolving fund (Rs. In lakhs) for the three years

| Year | Opening balance as on 1 st April | Income during the year | Expenditure during the year | Net balance in hand as on 1 st April of each year |
|--------------------------|---|------------------------|-----------------------------|--|
| April 2004 to March 2005 | 1,00,000 | 35,000 | 60,000 | 75,000 |
| April 2005 to March 2006 | 75,000 | 25,000 | NIL | 1,00,000 |
| April 2006 to March 2007 | 1,00,000 | 36,000 | 60,000 | 40,000 |

8.0. Please include in formation which has not been reflected above (write in detail)**8.1. Constraints****(a) Administrative**

1. Infrastructures viz, Office Complex, Training Hall, Staff Quarters and Farm Fencing is yet to construct which should be taken up at the earliest.
2. On livestock sector no demonstration unit has been sanction for the station. Goatery and Rabitry unit should be provided at the earliest.
3. On farm machineries either tractor or power tiller should be provided for farm mechanization.

(b) Financial

1. Seed testing and soil testing lab should be provided at the earliest.
2. E-connectivity should be provided by 2007.

(c) Technical

1. Sanction amount for FLD should be enhance and release in time
2. More fund under contingency is required for successful implementation of targeted action plan