

ANNUAL REPORT

1. GENERAL INFORMATION ABOUT THE KVK

1.1. Name and address of KVK with phone, fax and e-mail

| | | | |
|--------------------------------------|----------------|-----|--------|
| Address | Telephone | | E mail |
| | Office | FAX | |
| Krishi Vigyan Kendra, Katihar | (06452) 246875 | | |

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

| Address | Telephone | | E mail |
|---|------------------|----------------|--------|
| | Office | FAX | |
| Rajendra Agricultural University, Pusa, Samastipur, Bihar Pin – 848125 | (06274) - 240266 | (06274) 240255 | |

1.3. Name of the Programme Coordinator with phone & mobile No

| Name | Telephone / Contact | | |
|------------------------------------|---------------------|-------------|-------|
| | Residence | Mobile | Email |
| Dr. Indradeo Narayan Sharma | 06452 – 247912 | 09430946864 | |

1.4. Year of sanction:

(Reference of Sanction Order)

2004 – F.No. 4 – 4/95 – AE - I

1.5. Staff Position (as on 30th September 2008)

| 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 | Dr. I.N. Sharma I/C | Programme Coordinator | Entomology | 12000-18300 | – | I/C | Others |
| 2 | Subject Matter Specialist | Brajendu Kumar | SMS (Fishery) | Fisheries | 8000-13500 | 06.12.07 | Permanent | Others |
| 3 | Subject Matter Specialist | Basanti Kumari | SMS(H.Sc.) | Home Science | 8000-13500 | 20.11.07 | Permanent | SC |
| 4 | Subject Matter Specialist | Vacant | | | | | | |
| 5 | Subject Matter Specialist | Vacant | | | | | | |
| 6 | Subject Matter Specialist | Vacant | | | | | | |
| 7 | Subject Matter Specialist | Vacant | | | | | | |
| 8 | Programme Assistant | Vacant | | | | | | |

| | | | | | | | | |
|----|-----------------------------|-----------------|-----------------------------|-----------|------|----------|-------------|--------|
| 9 | Computer Programmer | Vacant | | | | | | |
| 10 | Farm Manager | R. Choudhary | Farm Manager | Extension | 5000 | 12.07.06 | Contractual | Others |
| 11 | Accountant / Superintendent | B.N. Mahto | Accountant / Superintendent | | 3500 | 27.01.07 | Contractual | OBC |
| 12 | Stenographer | Rajeev Kumar | Stenographer | | 3500 | 20.09.07 | Contractual | OBC |
| 13 | Driver | Dharmendra Kr. | Jeep (Driver) | | 3500 | 11.04.05 | Contractual | Others |
| 14 | Driver (Tractor) | Vacant | | | | | | |
| 15 | Supporting staff | Arun Kr. Mandal | Peon | | 2750 | 01.07.05 | Contractual | ST |
| 16 | Supporting staff | Vacant | | | | | | |

1.6. Total land with KVK (in ha) - 20 ha :

| S. No. | Item | Area (ha) |
|--------|-----------------------------|-----------|
| 1 | Under Buildings | 2.00 |
| 2. | Under Demonstration Units | 0.00 |
| 3. | Under Crops | 6.00 |
| 4. | Orchard/Agro-forestry | 5.00 |
| 5. | Others (Water logged area) | 7.00 |

1.7. Infrastructural Development:

A) Buildings

| S. 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 | | | | | | Renovation |
| 2. | Farmers Hostel | ICAR | | 42.00 | | Sept.06 | 1 | Finalstage |
| 3. | Staff Quarters (6) | ICAR | | | | Not Started | | |
| 4. | Demonstration Units (2) | ICAR | | | | Not Started | | |
| 5 | Fencing | ICAR | | | | 352m boundary wall | | Remaining Uncompleted |
| 6 | Rain Water harvesting system | ICAR | | | | Not Started | | |
| 7 | Threshing floor | ICAR | | | | Not Started | 1 | |
| 8 | Farm godown | ICAR | | | | Not Started | | |

B) Vehicles

| Type of vehicle | Year of purchase | Cost (Rs. in lacs) | Kms. run during the year | Total Kms. run | Present status |
|-----------------|------------------|--------------------|--------------------------|----------------|----------------|
| Bolero Jeep | 2005 | 4.65 | 12,565 KM | 44,500 | Good |
| Tractor M.F | 2005 | 4.99 | | | Good |

C) Equipments & AV aids

| Name of the equipment | Year of purchase | Cost (Rs.) | Present status |
|-----------------------|------------------|------------|----------------|
| Xerox Machine Canon | 2006 | 1,00,000 | Good |
| Camera | 2007 | 15,000 | Good |
| TV with DVD | 2007 | 15,000 | Good |
| Computer Printer | 2007 | | Good |

1.8. A). Details SAC meeting* conducted in the year

| Sl.No. | Date | Number of Participants | Salient Recommendations | Action taken |
|--------|------|------------------------|-------------------------|--------------|
| 1. | | | | |

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

2. DETAILS OF DISTRICT (2007-08)

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

| S. No | Farming system/enterprise |
|-------|---|
| 1. | Paddy, Maize Wheat, Mustard, Jute, Banana |
| 2. | Vermiculture |
| 3. | Poultry Production |
| 4. | Fish Culture |
| 5. | Bamboo Production & Processing |
| 6. | Mushroom Production |
| 7. | Makhana Cultivation |

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

| S. No | Agro-climatic Zone | Characteristics |
|-------|---------------------------------------|--|
| 1. | Zone-II (North – East Alluvial Plane) | High Temperature High Humidity Sandy to claye soil up land will low lying area Flood prone |

Source :- NARP

| S. No | Agro ecological situation | Characteristics |
|-------|--|---|
| 1. | Up land sandy soil humid condition | Good for maize, wheat, Banana, Vegetables & fruits |
| 2. | Medium Sandy loam soil humid condition | Wheat, Maize, Jute, Rice, Oil seeds & pulses & vegetable & fruits cultivation |
| 3. | Low lying clay soil with flood & water lodging condition | Suitable for deep water & Boro paddy, Makhana & Para Pulses |
| 4. | Diara Land of Kosi, Ganga and Mahananda with sandy to loamy Alluvial Soils | Rabi Maize, wheat oil seeds and pulses & cucurbitaceous vegetable parwal flooded during Kharif Season |

Source :- ATMA

2.3 Soil type/s

| S. No | Soil type | Characteristics | Area in ha |
|-------|------------------------------|---|------------|
| 1. | Up land sandy soil | Well good for vegetables wheat, maize, Banana | |
| 2. | Medium Loany Soil | Well drained good for wheat, male, oil seeds and pulses & vegetables rich in organic carbon | |
| 3. | Low lying clay soils | Good for makhana Boro Rice, fishery etc | |
| 4. | New alluvial diara land soil | Deposition of clay/sandy soil year after year | |

2.4. Area, Production and Productivity of major crops cultivated in the district

| S. No | Crop | Area (ha) | Production (Qtl) | Productivity (Qtl /ha) |
|-------|------------|-----------|------------------|------------------------|
| 1. | Rice | 70517 | 1225590 | 17.3 |
| 2. | Maize | 10400 | 364000 | 35.0 |
| 3. | Wheat | 35200 | 492800 | 14.0 |
| 4. | Boro Rice | 27300 | 955500 | 35.0 |
| 5. | Vegetables | | | |
| 6. | Oil Seeds | 12044 | 91860 | 7.6 |
| 7. | Pulses | 3459 | 23800 | 6.9 |
| 8. | Banana | | | |

Source :- D.A.O Statistics

2.5. Weather data

| Month | Rainfall (mm) | Temperature ° C | | Relative Humidity (%) |
|--------------|---------------|-----------------|---------|-----------------------|
| | | Maximum | Minimum | |
| Oct 07 | 48.9 | | | |
| Nov 07 | 00.0 | | | |
| Dec 07 | 3.7 | | | |
| Jan 08 | 00.0 | | | |
| Feb 08 | 10.9 | | | |
| March 08 | 16.7 | | | |
| April 08 | 5.7 | | | |
| May 08 | 78.0 | | | |
| June 08 | 404.4 | | | |
| July 08 | 321.0 | | | |
| August 08 | 180.0 | | | |
| September 08 | | | | |

2.6. Production and productivity of livestock, Poultry, Fisheries etc. in the district

| Category | Population | Production | Productivity |
|-------------------|------------|------------|--------------|
| Cattle | 3,10,806 | | |
| <i>Crossbred</i> | 2,08,682 | | |
| <i>Indigenous</i> | 1,32,124 | | |
| Buffalo | 1,35,055 | | |
| Sheep | 38,965 | | |
| <i>Crossbred</i> | | | |
| <i>Indigenous</i> | | | |
| Goats | 2,85,139 | | |
| Pigs | 85,654 | | |

| | | | |
|-------------------|-----------|--|--|
| <i>Crossbred</i> | | | |
| <i>Indigenous</i> | | | |
| Rabbits | | | |
| Poultry | 11,20,922 | | |
| Hens | 9,27,820 | | |
| <i>Desi</i> | 6,68,332 | | |
| <i>Improved</i> | 2,59,488 | | |
| Ducks | 1,93,102 | | |
| Turkey and others | | | |

| Category | Area (In Ha) | Production | Productivity |
|---------------|--------------|------------|--------------|
| Fish | 7500 | 11000 M.T. | 1466 kg/ ha |
| <i>Marine</i> | NIL | | |
| <i>Inland</i> | NIL | | |
| Prawn | NIL | | |
| Scampi | | | |
| Shrimp | | | |

2.6 Details of Operational area / Villages (2007-08)

| Sl.No. | Taluk | Name of the block | Name of the village | Major crops & enterprises | Major problem identified | Identified Thrust Areas |
|--------|---------|--------------------|---|---|---|-------------------------|
| 1. | Katihar | Manihari | Kumaripur Miapur Sahardangi Borani | Banana Boro Paddy, Oil Seeds Maize | Lack of high yielding var & loss due to pest & diseases | |
| | | Hasanganj | Rampur, Hasanganj | Wheat, Paddy Vegetables | " | |
| | | Pranpur Mansahi | Mahadeo Nagar sangali Bari Marangi | Vegetables Maize, Jute, Boro Paddy | " | |

2.7 Priority thrust areas

| S. No | Thrust area |
|-------|--|
| 1. | Lack of Suitable high yielding variety of Boro Paddy |
| 2. | Lack of High yielding varieties of Vegetables suitable for the district |
| 3. | Lack of suitable varieties of oil seeds & pulses for the district |
| 4. | Lack of Short duration varieties of oil seeds filled in – Oil seeds – Boropaddy Cropping Sequence |
| 5. | Lack of suitable cropping system in diara land of the district |
| 6. | Identification and Promotion of flood tolerant rice varieties for Kharif and Cold tolerant varieties for Boro Paddy |
| 7. | Development and promotion of contingency crop planning for post flood situation. |
| 8. | Promotion of location specific nutrient management system. |
| 9. | Promotion of horticultural crops, vegetables medicinal plants and flowers |
| 10. | Promotion of IMM and IPM |
| 11. | Development and Promotion of Agro based enterprises viz, apiculture , organic manure production, vermicompost, Makhana Processing, fishery, Banana based enterprises medicinal aromatic plants processing etc. |
| 12. | Formation and functioning of SHG for the empowerment of women. |

3. TECHNICAL ACHIEVEMENTS

3.1. A. Abstract of interventions undertaken

| S. No | Thrust area | Crop/ Enterprise | Identified Problem | Interventions |
|-------|--|---------------------------------|---|--|
| | | | | Title of OFT if any |
| 1. | Increasing production & productivity of pulse crop | Pigeon pea Lentil Green gram | Non grain setting in pulse crops | To select a suitable variety of Pigeon pea lentil, Greengram |
| 2. | Increasing production & productivity of Boro paddy | Boro rice | Lack of suitable variety of HYV & cold tolerant varieties of Boro paddy | To select a suitable variety of Boro rice |

| Interventions | | | | |
|--|--|--|-------------------------------------|--|
| Title of FLD if any | Title of Training if any | Title of training for extension personnel if any | Extension activities | Supply of seeds, planting materials etc. |
| FLD on Pigeon pea var. P9, Lentil var. PL 406, Green gram var. SML 668 | Scientific cultivation of (i) Green gram (ii) Lentil (iii) Pigeon pea & (iv) Boro rice with inclusion of recently released new varieties | – | (i) Field days (ii) Field visits | (i) Pigeon pea – P 9 (ii) Lentil – PL 406 (iii) Green gram SML – 668 |
| FLD on Boro Basmati | | | -do- | (i) Boro Basmati |

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

- 1) Title of on-farm trials – Evaluation of Boro Rice Varieties with inclusion of newly released variety.
- 2) Problem diagnose – Low yield and poor quality
- 3) Details of technologies selected for assessment/refinement– Included varieties
(1) GS- 1 (2) IR 64 (3) Prabhat (4) Boro Basmati
- 4) Source of technology – R.A.U. Pusa
- 5) Production system and thematic area –
- 6) Performance of the Technology with performance indicators –Good with quality
- 7) Final recommendation for micro level situation
- 8) Constraints identified and feedback for research – Lack of availability of technology
- 9) Process of farmers participation and their reaction – Individual

3.1.C. Results of On Farm Trials (Boro Paddy)

| Crop/ enterprise | Farmin g situation | Problem Diagnose d | Title of OFT | No. of trials * | Technology Assessed | Parameters of assessment | Data on the parameter | Results of assessment | Feedback from the farmer | Any refinement done | Justification for refinement |
|------------------|--------------------|----------------------------|--|-----------------|---------------------|--------------------------|-----------------------|-----------------------|--------------------------|---------------------|------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Boro Paddy | Irrigated | Low yield and poor quality | Selected high yielding variety with good quality | 6 | | | | Good | - | No | |
| | | | | | Variety | YieldQ/h | Yield Q/h | | | | |

*** No. of farmers**

| Technology Assessed / Refined | *Production per unit | Net Return (Profit) in Rs. / unit | BC Ratio |
|-------------------------------|----------------------|-----------------------------------|----------|
| 13 | 14 Q/h | 15 | 16 |
| Farmer's practice - Prabhat | 40 Q/h | -- | |
| T ₁ - G.C.1 | 44 ha | 1200 /ha | |
| T ₂ - I.R.-64 | 46 ha | 1600/ha | |
| T ₃ - Boro-Basmati | 64 ha | 2500/ha | |

3.1. B. Details of each On Farm Trial to be furnished in the following format**Green Gram**

- 1) Title of on-farm trials – To select a suitable green gram variety for grain setting
- 2) Problem diagnose – No pod setting
- 3) Details of technologies selected for assessment/refinement– I varieties of green gram
(1) Local (Jhunjhunia) (2) Pusa Vioshal (3) SML 668
(Farmer Practice)
- 4) Source of technology – R.A.U. Pusa
- 5) Production system and thematic area –
- 6) Performance of the Technology with performance indicators –Good for grain setting
- 7) Final recommendation for micro level situation –
- 8) Constraints identified and feedback for research – Pre monsoon hours restrict pod setting
- 9) Process of farmers participation and their reaction – Individual

3.1.C(a) Results of O.F.T. (Green gram).

| Crop/ enterprise | Farmin g situation | Problem Diagnose d | Title of OFT | No. of trials * | Technology Assessed | Parameters of assessment | Data on the parameter | Results of assessment | Feedback from the farmer | Any refinement done | Justification for refinement |
|------------------|--------------------|-------------------------|--|-----------------|---------------------|--------------------------|-----------------------|-----------------------|--------------------------|---------------------|------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Green gram | Irrigated | Non grain / pod setting | To select a variety for good pod setting | 7 | Verity | Yield Kg /ha | Yield Q/h | Good | - | No | |

*** No. of farmers**

| Technology Assessed / Refined | *Production per unit | Net Return (Profit) in Rs. / unit | BC Ratio |
|--|----------------------|-----------------------------------|----------|
| 13 | 14 Q/h | 15 | 16 |
| T ₁ - Pusa vishal | 8.75 Q/h | 5000 | |
| T ₂ - SML 668 | 9.20 Q/h | 6200 | |
| T ₃ - Farmer's practice (Jhun jhunia) | 4.32 Q/h | -- | |

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

Parwal

- 1) Title of on-farm trials – Evaluation of Parwal varieties in diara areas for their production
- 2) Problem diagnose – Low yield of Parwal
- 3) Details of technologies selected for assessment/refinement– varieties of Parwal
(1) Rajendra Parwal -1 (2) Rajendra Parwal-2 (3) Local
- 4) Source of technology – R.A.U. Pusa
- 5) Production system and thematic area –
- 6) Performance of the Technology with performance indicators –Fail due to flood
The trial failed due to flood.
- 7) Final recommendation for micro level situation –
- 8) Constraints identified and feedback for research –
- 9) Process of farmers participation and their reaction –

***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 farmer's practice**

3.2 Achievements of Frontline Demonstrations

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

List of technologies demonstrated during previous year and popularized during 2005-06 (October to September) and recommended for large scale adoption in the district

| S. 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 |
| | | | | | | |
| | | | | | | |

b. Details of FLDs implemented during 2007-08 (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 | Sesum | Varietal Evaluation | | Kharif-07 | 5 ha. | 5 ha. | 1 | 1 | 8 | 10 | |
| 2 | Musterd | Varietal Evaluation | | Rabi- 07-08 | 5 ha. | 5 ha. | 2 | 1 | 7 | 12 | |
| 3 | Red gram | Varietal Evaluation | | Kharif- 07 | 2 ha. | 5 ha. | 1 | 1 | 7 | 10 | |
| 4 | Lentil | Varietal Evaluation | | Rabi- 07-08 | 5 ha. | 2 ha. | 2 | 1 | 7 | 12 | |
| 5 | Green Gram | Varietal Evaluation | | Summer-08 | 5 ha. | 5 ha. | 3 | 1 | 6 | 12 | |

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 | P | K | | | | | |
| Sesumum | Kharif | Irrigated | | | | | | | | | |
| Redgram | Kharif | Irrigated | | | | | | | | | |
| Greengram | Summer | Irrigated | | | | | | | | | |
| Lentil | Ravi | Irrigated | | | | | | | | | |

Performance of FLD

| Sl. No | Crop | Technology Demonstrated | Variety | No. of Farmers | Area (ha.) | Demo. Yield Qtl/ha | | | Yield of local Check Qtl./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. | Red Gram Kharif | Varietal evaluation | P-9 | 10 | 2 | 12.48 | 8.24 | 10.12 | 6.60 | 34.78 | - | - |
| 2. | Lintel Rabi | Varietal evaluation | PL-406 | 12 | 5 | 7.70 | 5.24 | 5.76 | 4.46 | 22.50 | - | - |
| 3. | Green Gram (Summer) | Varietal evaluation | SML 668 | 12 | 5 | 7.25 | 4.31 | 6.20 | 4.12 | 50.48 | - | - |
| 4. | Sesamum Kharif | Varietal evaluation | Krishna | 10 | 5 | 6.82 | 5.34 | 5.95 | 4.28 | 28.00 | - | - |
| 5. | Mustard Rabi | Varietal evaluation | Rajendra Anukool | 12 | 5 | 9.84 | 7.10 | 7.96 | 6.34 | 20.30 | - | - |

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

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 |
| | | | | | | |
| | | | | | | |

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 |
|------------|-----------|-----------------|-------------------|----------------------|--------------------|--|
| | | 1. Seed/Variety | | | | |
| Sesumum | Kharif-06 | Krishna | Irrigated | 5.95 | 4.28 | 28.00 |
| Mustard | Ravi | Rajendra Anukul | Irrigated | 7.96 | 6.34 | 20.30 |
| Red gram | Kharif | P-9 | Irrigated | 10.12 | 6.60 | 34.78 |
| Green gram | Summer | SML-668 | Irrigated | 6.20 | 4.12 | 50.48 |
| Lentil | Ravi | PL- 406 | Irrigated | 5.76 | 4.46 | 72.50 |

Technical Feedback on the demonstrated technologies

| S. No | Crop | Feed Back |
|-------|---------|--------------------------------------|
| 1 | Sesum | Desire for white variety cultivation |
| 2 | Mustard | Aphid resistant variety. |
| 3. | Redgram | short duration variety. |

Farmers' reactions on specific technologies

| S. No | Crop | Feed Back |
|-------|-----------|---|
| 1 | Sesum | Appreciated to the demonstrated variety Krishna |
| 2 | Mustard | Appreciated to the demonstrated variety of Rajendra Anukool |
| 3 | Redgram | Appreciated to the demonstrated variety of P-9 variety. |
| 4 | Lentil | Appreciated to the demonstrated variety of PL - 406 |
| 5 | Greengram | Appreciated to the demonstrated variety of SML 668 |

Extension and Training activities under FLD

| SI.No. | Activity | No. of activities organised | Date | Number of participants | Remarks |
|--------|--------------------------------------|-----------------------------|------|------------------------|---------|
| 1 | Field days | 5 | | 200 | |
| 2 | Farmers Training | 4 | | 115 | |
| 3 | Media coverage | 5 | | Many | |
| 4 | Training for extension functionaries | 2 | | 46 | |

c. Details of FLD on Enterprises

(i) Farm Implements

| Name of the implement | crop | No. of farmers | Area (ha) | Performance parameters / indicators | * Data on parameter in relation to technology demonstrated | | % change in the parameter | Remarks |
|-----------------------|------|----------------|-----------|-------------------------------------|--|-------------|---------------------------|---------|
| | | | | | Demon. | Local check | | |
| | | | | | | | | |

* *Field efficiency, labour saving etc.*

(ii) Livestock Enterprises

| Enterprise | Breed | No. of farmers | No. of animals, poultry birds etc. | Performance parameters / indicators | * Data on parameter in relation to technology demonstrated | | % change in the parameter | Remarks |
|------------|-------|----------------|------------------------------------|-------------------------------------|--|-------------|---------------------------|---------|
| | | | | | Demon. | Local check | | |
| | | | | | | | | |

* *Milk production, meat production, egg production, reduction in disease incidence etc.*

(iii) Other Enterprises

| | | | | | | | | | | | |
|---|------------|-------------|-----------|-------------|------------|-----------|------------|------------|----------|------------|-------------|
| Integrated farming | | | | | | | | | | | |
| Seed production | | | | | | | | | | | |
| Production of organic inputs | | | | | | | | | | | |
| Integrated Farming | | | | | | | | | | | |
| Planting material production | | | | | | | | | | | |
| Vermi-culture | 5 | 37 | - | 37 | 6 | - | 6 | 5 | - | 5 | 48 |
| Sericulture | | | | | | | | | | | |
| Protected cultivation of vegetable crops | | | | | | | | | | | |
| Commercial fruit production | | | | | | | | | | | |
| Repair and maintenance of farm machinery and implements | | | | | | | | | | | |
| Nursery Management of Horticulture crops | | | | | | | | | | | |
| Training and pruning of orchards | | | | | | | | | | | |
| Value addition | | | | | | | | | | | |
| Production of quality animal products | | | | | | | | | | | |
| Dairying | | | | | | | | | | | |
| Sheep and goat rearing | | | | | | | | | | | |
| Quail farming | | | | | | | | | | | |
| Piggery | | | | | | | | | | | |
| Rabbit farming | | | | | | | | | | | |
| Poultry production | | | | | | | | | | | |
| Ornamental fisheries | | | | | | | | | | | |
| Para vets | | | | | | | | | | | |
| Para extension workers | | | | | | | | | | | |
| Composite fish culture | | | | | | | | | | | |
| Freshwater prawn culture | | | | | | | | | | | |
| Shrimp farming | | | | | | | | | | | |
| Pearl culture | | | | | | | | | | | |
| Cold water fisheries | | | | | | | | | | | |
| Fish harvest and processing technology | | | | | | | | | | | |
| Fry and fingerling rearing | | | | | | | | | | | |
| Small scale processing | | | | | | | | | | | |
| Post Harvest Technology | | | | | | | | | | | |
| Tailoring and Stitching | | | | | | | | | | | |
| Rural Crafts | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | |
| (C) Extension Personnel | | | | | | | | | | | |
| Productivity enhancement in field crops | 10 | 35 | - | 35 | 10 | - | 10 | 5 | - | 5 | 50 |
| Integrated Pest Management | 9 | 38 | - | 38 | 8 | - | 8 | 4 | - | 4 | 50 |
| Integrated Nutrient management | | | | | | | | | | | |
| Rejuvenation of old orchards | | | | | | | | | | | |
| 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 in farm animals | | | | | | | | | | | |
| Livestock feed and fodder production | | | | | | | | | | | |
| Household food security | | | | | | | | | | | |
| Women and Child care | | | | | | | | | | | |
| Low cost and nutrient efficient diet designing | | | | | | | | | | | |
| Production and use of organic inputs | 5 | 39 | - | 39 | 6 | - | 6 | 4 | - | 4 | 49 |
| Gender mainstreaming through SHGs | | | | | | | | | | | |
| Any other (Pl. Specify) | | | | | | | | | | | |
| TOTAL | 245 | 1365 | 38 | 1403 | 333 | 20 | 354 | 228 | 9 | 236 | 1927 |

| | | | | | | | | | | | |
|---|----|----|---|----|----|---|----|----|---|----|-----|
| Integrated Disease Management | 21 | 75 | – | 75 | 20 | – | 20 | 13 | – | 13 | 108 |
| Bio-control of pests and diseases | 25 | 78 | – | 78 | 15 | – | 15 | 8 | – | 8 | 98 |
| Production of bio control agents and bio pesticides | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | |
| VIII Fisheries | | | | | | | | | | | |
| Integrated fish farming | | | | | | | | | | | |
| Carp breeding and hatchery management | | | | | | | | | | | |
| Carp fry and fingerling rearing | 2 | 17 | – | 17 | 3 | – | 3 | – | – | – | 20 |
| Composite fish culture | 6 | 32 | – | 32 | 4 | – | 4 | 4 | – | 4 | 40 |
| Hatchery management and culture of freshwater prawn | | | | | | | | | | | |
| Breeding and culture of ornamental fishes | | | | | | | | | | | |
| Portable plastic carp hatchery | | | | | | | | | | | |
| Pen culture of fish and prawn | | | | | | | | | | | |
| Shrimp farming | | | | | | | | | | | |
| Edible oyster farming | | | | | | | | | | | |
| Pearl culture | | | | | | | | | | | |
| Fish processing and value addition | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | |
| IX Production of Inputs at site | | | | | | | | | | | |
| Seed Production | 3 | 20 | – | 20 | 6 | – | 6 | 4 | – | 4 | 30 |
| Planting material production | | | | | | | | | | | |
| Bio-agents production | | | | | | | | | | | |
| Bio-pesticides production | | | | | | | | | | | |
| Bio-fertilizer production | | | | | | | | | | | |
| Vermi-compost production | 6 | 40 | – | 40 | 11 | – | 11 | 8 | – | 8 | 59 |
| Organic manures production | 7 | 38 | – | 38 | 12 | – | 12 | 8 | – | 8 | 58 |
| Production of fry and fingerlings | | | | | | | | | | | |
| Production of Bee-colonies and wax sheets | | | | | | | | | | | |
| Small tools and implements | | | | | | | | | | | |
| Production of livestock feed and fodder | | | | | | | | | | | |
| Production of Fish feed | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | |
| X Capacity Building and Group Dynamics | | | | | | | | | | | |
| Leadership development | | | | | | | | | | | |
| Group dynamics | | | | | | | | | | | |
| Formation and Management of SHGs | | | | | | | | | | | |
| Mobilization of social capital | | | | | | | | | | | |
| Entrepreneurial development of farmers/youths | | | | | | | | | | | |
| WTO and IPR issues | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | |
| XI Agro-forestry | | | | | | | | | | | |
| Production technologies | | | | | | | | | | | |
| Nursery management | | | | | | | | | | | |
| Integrated Farming Systems | | | | | | | | | | | |
| XII Others (Pl. Specify) | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | |
| (B) RURAL YOUTH | | | | | | | | | | | |
| Mushroom Production | 6 | 34 | 8 | 42 | 10 | – | 10 | 8 | – | 8 | 60 |
| Bee-keeping | 5 | 38 | – | 38 | 11 | – | 11 | 7 | – | 7 | 56 |
| Integrated farming | | | | | | | | | | | |
| Seed production | 7 | 40 | – | 40 | 14 | – | 14 | 7 | – | 7 | 61 |
| Production of organic inputs | | 39 | – | 39 | 10 | – | 10 | 9 | – | 9 | 58 |
| Integrated Farming | | | | | | | | | | | |
| Planting material production | | | | | | | | | | | |
| Vermi-culture | 3 | 20 | – | 20 | 7 | – | 7 | 3 | – | 3 | 30 |

| | | | | | | | | | | | |
|---|------------|-------------|-----------|-------------|------------|-----------|------------|------------|-----------|------------|-------------|
| Sericulture | | | | | | | | | | | |
| Protected cultivation of vegetable crops | | | | | | | | | | | |
| Commercial fruit production | | | | | | | | | | | |
| Repair and maintenance of farm machinery and implements | | | | | | | | | | | |
| Nursery Management of Horticulture crops | | 40 | - | 40 | 10 | - | 10 | 9 | - | 9 | 59 |
| Training and pruning of orchards | | | | | | | | | | | |
| Value addition | | | | | | | | | | | |
| Production of quality animal products | | | | | | | | | | | |
| Dairying | | | | | | | | | | | |
| Sheep and goat rearing | | | | | | | | | | | |
| Quail farming | | | | | | | | | | | |
| Piggery | | | | | | | | | | | |
| Rabbit farming | | | | | | | | | | | |
| Poultry production | | | | | | | | | | | |
| Ornamental fisheries | | | | | | | | | | | |
| Para vets | | | | | | | | | | | |
| Para extension workers | | | | | | | | | | | |
| Composite fish culture | | | | | | | | | | | |
| Freshwater prawn culture | | | | | | | | | | | |
| Shrimp farming | | | | | | | | | | | |
| Pearl culture | | | | | | | | | | | |
| Cold water fisheries | | | | | | | | | | | |
| Fish harvest and processing technology | | | | | | | | | | | |
| Fry and fingerling rearing | | | | | | | | | | | |
| Small scale processing | | | | | | | | | | | |
| Post Harvest Technology | | | | | | | | | | | |
| Tailoring and Stitching | | | | | | | | | | | |
| Rural Crafts | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | |
| (C) Extension Personnel | | | | | | | | | | | |
| Productivity enhancement in field crops | 17 | 78 | - | 78 | 18 | - | 18 | 14 | - | 14 | 112 |
| Integrated Pest Management | 15 | 73 | - | 73 | 18 | - | 18 | 12 | - | 12 | 103 |
| Integrated Nutrient management | 5 | 39 | - | 39 | 11 | - | 11 | 8 | - | 8 | 58 |
| Rejuvenation of old orchards | 6 | 38 | - | 38 | 10 | - | 10 | 8 | - | 8 | 54 |
| 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 in farm animals | | | | | | | | | | | |
| Livestock feed and fodder production | | | | | | | | | | | |
| Household food security | | | | | | | | | | | |
| Women and Child care | | | | | | | | | | | |
| Low cost and nutrient efficient diet designing | | | | | | | | | | | |
| Composite fish culture | 3 | 15 | - | 15 | 5 | - | 5 | - | - | - | 20 |
| Production and use of organic inputs | 10 | 58 | - | 58 | 14 | - | 14 | 10 | - | 10 | 82 |
| Gender mainstreaming through SHGs | | | | | | | | | | | |
| Any other (Pl. Specify) | | | | | | | | | | | |
| TOTAL | 326 | 1940 | 92 | 2032 | 520 | 33 | 553 | 377 | 16 | 393 | 2985 |

| | | | | | | | | | | | |
|---|------------|-------------|------------|-------------|------------|-----------|------------|------------|-----------|------------|-------------|
| Commercial fruit production | | | | | | | | | | | |
| Repair and maintenance of farm machinery and implements | | | | | | | | | | | |
| Nursery Management of Horticulture crops | 3 | 20 | - | 20 | 7 | - | 7 | 3 | - | 3 | 30 |
| Training and pruning of orchards | | | | | | | | | | | |
| Value addition | | | | | | | | | | | |
| Production of quality animal products | | | | | | | | | | | |
| Dairying | | | | | | | | | | | |
| Sheep and goat rearing | | | | | | | | | | | |
| Quail farming | | | | | | | | | | | |
| Piggery | | | | | | | | | | | |
| Rabbit farming | | | | | | | | | | | |
| Poultry production | | | | | | | | | | | |
| Ornamental fisheries | | | | | | | | | | | |
| Para vets | | | | | | | | | | | |
| Para extension workers | | | | | | | | | | | |
| Composite fish culture | | | | | | | | | | | |
| Freshwater prawn culture | | | | | | | | | | | |
| Shrimp farming | | | | | | | | | | | |
| Pearl culture | | | | | | | | | | | |
| Cold water fisheries | | | | | | | | | | | |
| Fish harvest and processing technology | | | | | | | | | | | |
| Fry and fingerling rearing | | | | | | | | | | | |
| Small scale processing | | | | | | | | | | | |
| Post Harvest Technology | | | | | | | | | | | |
| Tailoring and Stitching | | | | | | | | | | | |
| Rural Crafts | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | |
| (C) Extension Personnel | | | | | | | | | | | |
| Productivity enhancement in field crops | 27 | 113 | - | 113 | 28 | - | 28 | 19 | - | 19 | 132 |
| Integrated Pest Management | 24 | 111 | - | 111 | 26 | - | 26 | 16 | - | 16 | 153 |
| Integrated Nutrient management | 5 | 39 | - | 39 | 8 | - | 8 | 8 | - | 8 | 55 |
| Rejuvenation of old orchards | 6 | 38 | - | 38 | 10 | - | 10 | 8 | - | 8 | 56 |
| 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 in farm animals | | | | | | | | | | | |
| Livestock feed and fodder production | | | | | | | | | | | |
| Household food security | | | | | | | | | | | |
| Women and Child care | | | | | | | | | | | |
| Low cost and nutrient efficient diet designing | | | | | | | | | | | |
| Production and use of organic inputs | 15 | 97 | - | 97 | 20 | - | 20 | 14 | - | 14 | 131 |
| Gender mainstreaming through SHGs | | | | | | | | | | | |
| Any other (Pl. Specify) | | | | | | | | | | | |
| TOTAL | 570 | 3078 | 129 | 3207 | 818 | 52 | 870 | 597 | 25 | 626 | 4673 |

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 | | | Number of SC | | | Number of ST | | | Total |
|------|-----------------------------|---|------------------|-------------------------|------------------------|---|----|--------------|---|---|--------------|---|---|-------|
| | | | | | M | F | T | M | F | T | M | F | T | |
| | Practicing Farmers & farmer | Improved technology in wheat production | 2 | ON | 22 | | 22 | 4 | | 4 | 3 | | 3 | 22 |
| | | Recent technology for wheat cultivation, water weed and nutrient management | 3 | OFF | 25 | | 25 | 5 | | 5 | 4 | | 4 | 25 |
| | | Water & weed management in rabi maize | 2 | OFF | 30 | | 30 | 5 | | 5 | 5 | | 5 | 30 |
| | | Water, fertilizer & weed management in Bore padday | 8 | OFF | 24 | | 24 | 2 | | 2 | 2 | | 2 | 24 |
| | | Scientific cultivation of sept. Arhar | 1 | OFF | 28 | | 28 | 5 | | 5 | 3 | | 3 | 28 |
| | | Scientific cultivation of Pulses & Oilseed | 3 | OFF | 30 | | 30 | 5 | | 5 | 5 | | 5 | 30 |
| | | Scientific cultivation of Oilseed and Pulses | 2 | ON | 25 | | 25 | 3 | | 3 | 2 | | 2 | 25 |
| | | Commercial cultivation of Green Gram in Summer | 3 | OFF | 25 | | 25 | 5 | | 5 | 3 | | 3 | 25 |
| | | Scientific Cultivation of Jute | 3 | ON | 20 | | 20 | 3 | | 3 | 2 | | 2 | 20 |
| | | Commercial Cultivation of Jute | 2 | OFF | 30 | | 30 | 5 | | 5 | 5 | | 5 | 30 |
| | | Scientific Cultivation Kharif Paddy | 3 | ON | 25 | | 25 | 5 | | 5 | 5 | | 5 | 25 |
| | | Scientific Cultivation of Paddy (Nursery to field) | 3 | OFF | 25 | | 25 | 4 | | 4 | 4 | | 4 | 25 |
| | | Scientific Cultivation of Arhar | 1 | ON | 27 | | 27 | 4 | | 4 | 3 | | 3 | 27 |
| | | Insect Pest management in cole corp | 2 | ON | 25 | | 25 | 3 | | 3 | 2 | | 2 | 25 |
| | | Insects Pest and Disease management in vegetables | 2 | OFF | 30 | | 30 | 5 | | 5 | 5 | | 5 | 30 |
| | | Insect, Pest and disease management in Rabi Vegetable | 2 | ON | 25 | | 25 | 3 | | 3 | 2 | | 2 | 25 |
| | | Insect Pest and disease management in Rabi vegetables | 1 | OFF | 30 | | 30 | 5 | | 5 | 5 | | 5 | 30 |

| Date | Clientele | Title of the training programme | Duration in days | Venue (Off / On Campus) | Number of participants | | | Number of SC | | | Number of ST | | | Total |
|------|-----------|--|------------------|-------------------------|------------------------|---|-----|--------------|---|----|--------------|---|---|-------|
| | | | | | M | F | T | M | F | T | M | F | T | |
| | | Insect pest and disease management in Rabi crop. | 2 | ON | 24 | | 24 | 2 | | 2 | 2 | | 2 | 24 |
| | | Soil pest management in Rabi crop | 2 | OFF | 20 | | 20 | 3 | | 3 | 2 | | 2 | 20 |
| | | Insect and disease management in Rabi oilseed crop. | 1 | OFF | 25 | | 25 | 3 | | 3 | 2 | | 2 | 25 |
| | | Insect and disease management in Rabi maize | 1 | OFF | 22 | | 22 | 5 | | 5 | 2 | | 2 | 22 |
| | | Insect, pest & disease management in Mangos litchi | 2 | OFF | 25 | | 25 | 5 | | 5 | 5 | | 5 | 25 |
| | | Stem borer & hopper management in Boro paddy | 1 | OFF | 20 | | 20 | 3 | | 3 | 2 | | 2 | 20 |
| | | Insect pest management in cucurbits | 2 | ON | 27 | | 27 | 5 | | 5 | 2 | | 2 | 27 |
| | | Insect & disease management in Summer vegetable | 3 | ON | 20 | | 20 | 3 | | 3 | 2 | | 2 | 20 |
| | | Insect pest management in summer cucurbites | 2 | OFF | 23 | | 23 | 5 | | 5 | 3 | | 3 | 23 |
| | | Insect pest & disease management in summer crop | 3 | ON | 20 | | 20 | 3 | | 3 | 2 | | 2 | 20 |
| | | Insect pest management in summer vegetable | 3 | ON | 18 | | 18 | 3 | | 3 | 2 | | 2 | 18 |
| | | Insect management in summer maize | 3 | ON | 20 | | 20 | 2 | | 2 | 3 | | 3 | 20 |
| | | Insect pest and disease management in summer Bhindi | 1 | OFF | 22 | | 22 | 3 | | 3 | 2 | | 2 | 22 |
| | | Insect pest and disease management in jute | 2 | OFF | 22 | | 22 | 5 | | 5 | 2 | | 2 | 22 |
| | | Insect & disease management in jute | 2 | ON | 20 | | 20 | 2 | | 2 | 2 | | 2 | 20 |
| | | Insect pest & disease management in kharif paddy | 2 | OFF | 25 | | 25 | 3 | | 3 | 2 | | 2 | 25 |
| | | Insect pest of storage of Rabi grains & their management | 1 | OFF | 25 | | 25 | 5 | | 5 | 5 | | 5 | 25 |
| | | Composite fish culture | 12 | OFF | 127 | – | 127 | 16 | – | 16 | 8 | – | 8 | 127 |

| Date | Clientele | Title of the training programme | Duration in days | Venue (Off / On Campus) | Number of participants | | | Number of SC | | | Number of ST | | | Total |
|------|-------------|--|------------------|-------------------------|------------------------|---|----|--------------|---|---|--------------|---|---|-------|
| | | | | | M | F | T | M | F | T | M | F | T | |
| | | Integration of fish culture with rice, duck, pig & poultry | 4 | OFF | 60 | – | 50 | 6 | – | 6 | 4 | – | 4 | 60 |
| | | Nursery and fea rearing pond management of Indian Major Carps and Enatic Carps | 4 | OFF | 77 | – | 67 | 9 | – | 9 | 4 | – | 4 | 80 |
| | | Insect pest & disease management in potato crop | 3 | ON | 18 | | 18 | 2 | | 2 | 2 | | 2 | 18 |
| | Rural Youth | Scientific cultivation of wheat crop | 2 | ON | 20 | | 20 | 3 | | 3 | 2 | | 2 | 20 |
| | | scientific cultivation of pulses & oilseed | 2 | ON | 23 | | 23 | 5 | | 5 | 3 | | 3 | 23 |
| | | scientific cultivation of Boro paddy | 2 | OFF | 23 | | 23 | 3 | | 3 | 5 | | 5 | 23 |
| | | Improved cultivation of summer crop | 2 | ON | 26 | | 26 | 3 | | 3 | 3 | | 3 | 26 |
| | | scientific cultivation of jute | 1 | OFF | 20 | | 20 | 5 | | 5 | 2 | | 2 | 20 |
| | | scientific cultivation of paddy & maize | 1 | ON | 20 | | 20 | 3 | | 3 | 2 | | 2 | 20 |
| | | Recent technology for jute retting for quality to fiber production | 1 | OFF | 23 | | 23 | 2 | | 2 | 1 | | 1 | 23 |
| | | Recent advances for paddy cultivation | 2 | OFF | 23 | | 23 | 3 | | 3 | 5 | | 5 | 23 |
| | | Inscent pest & Disease management in Rabi vegetable | 2 | OFF | 20 | | 20 | 3 | | 3 | 2 | | 2 | 20 |
| | | Insect pest & disease management in nursery & orchasd | 1 | ON | 25 | | 25 | 3 | | 3 | 2 | | 2 | 25 |
| | | Insect pest & disease management in summer vegetable | 2 | OFF | 25 | | 25 | 2 | | 2 | 3 | | 3 | 25 |
| | | Insect pest & disease management of Boro paddy | 3 | ON | 22 | | 22 | 2 | | 2 | 2 | | 2 | 22 |
| | | Insect pest & disease management of fruit plants | 2 | ON | 25 | | 25 | 5 | | 5 | 5 | | 5 | 25 |
| | | Insect pest management in cucurbits & oal | 2 | ON | 25 | | 25 | 3 | | 3 | 2 | | 2 | 25 |
| | | Insect pest management in summer vegetable | 2 | ON | 25 | | 25 | 3 | | 3 | 2 | | 2 | 25 |

| Date | Clientele | Title of the training programme | Duration in days | Venue (Off / On Campus) | Number of participants | | | Number of SC | | | Number of ST | | | Total |
|------|-------------------------|---|------------------|-------------------------|------------------------|---|----|--------------|---|---|--------------|---|---|-------|
| | | | | | M | F | T | M | F | T | M | F | T | |
| | | Insect pest & disease management in jute crop | 1 | OFF | 20 | | 20 | 3 | | 3 | 2 | | 2 | 20 |
| | | Insect pest management in rainy rearon vegetables | 1 | ON | 20 | | 20 | 3 | | 3 | 2 | | 2 | 20 |
| | | Insect pest & disease management of jute | 2 | ON | 22 | | 22 | 2 | | 2 | 2 | | 2 | 22 |
| | | Insect pest & disease management in rainy vegetables | 2 | OFF | 20 | | 20 | 3 | | 3 | 2 | | 2 | 20 |
| | Extension functionaries | Improve cultivation of Rabi crop | 2 | ON | 25 | | 25 | 3 | | 3 | 2 | | 2 | 25 |
| | | Scientific cultivation of rabi crop | 1 | OFF | 25 | | 25 | 3 | | 3 | 2 | | 2 | 25 |
| | | Scientific cultivation of pulses & oilseed production | 3 | ON | 26 | | 26 | 3 | | 3 | 3 | | 3 | 26 |
| | | Recent advances for cultivation of Boro paddy | 2 | ON | 20 | | 20 | 2 | | 2 | 2 | | 2 | 20 |
| | | Scientific cultivation of summer crop | 2 | OFF | 22 | | 22 | 2 | | 2 | 2 | | 2 | 22 |
| | | Scientific cultivation of kharif crop | 2 | ON | 27 | | 27 | 5 | | 5 | 2 | | 2 | 27 |
| | | Scientific cultivation of kharif crop | 1 | OFF | 25 | | 25 | 3 | | 3 | 2 | | 2 | 25 |
| | | Recent advance for insect pest management in rabi crops | 3 | ON | 50 | | 50 | 3 | | 3 | 2 | | 2 | 50 |
| | | Insect & disease management in rabi vegetables | 3 | OFF | 25 | | 25 | 3 | | 3 | 2 | | 2 | 25 |
| | | Recent advances for insect pest management in rabi vegetable | 3 | ON | 25 | | 25 | 3 | | 3 | 2 | | 2 | 25 |
| | | Insect & disease management in fruit plant | 1 | OFF | 33 | | 33 | 5 | | 5 | 3 | | 3 | 33 |
| | | Recent advances for insect pest management in summer vegetables | 2 | ON | 50 | | 50 | 3 | | 3 | 2 | | 2 | 50 |
| | | Recent advance of insect pest management in rainy vegetables | 3 | OFF | 29 | | 29 | 5 | | 5 | 4 | | 4 | 29 |
| | | Insect pest & disease management in new orchard | 1 | ON | 25 | | 25 | 3 | | 3 | 2 | | 2 | 25 |

(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 persons employed elsewhere |
|-------------------|--|---|-----------------|---------------------|--------|-------|------------------------------|-----------------|----------------------------|--------------------------------------|
| | | | | Male | Female | Total | Type of units | Number of units | Number of persons employed | |
| Organic Farming | To switch over from traditional to organic farming | To aquant with organic fertilizers and pesticides | Six days | 25 | – | 25 | Vermi comp ost | 10 | 20 | |

*training title should specify the major technology /skill transferred

(E) Sponsored Training Programmes

| SIN o. | Title | The Matic area | Month | Duration (days) | Client | No of Participants | | | Sponsoring Agency |
|--------|---|---|------------|-----------------|--------------|--------------------|--------|-------|--------------------------------------|
| | | | | | PF/RY/EF | Male | Female | Total | |
| 1 | Fish seed production & pond management | 1. Integrated Fish Farming 2. Carp fry and fingerling rearing 3. Composite Fish Culture | January,08 | 10 | PF, RY EF | 60 | – | 60 | National Fisheries development Board |
| 2 | Scientific cultivation of summer corps | Soil management Nutrient pest and pest harvest management | April | 2 | PF, RY EF | 65 | 6 | 71 | DHO Katihar |
| 3. | Establishment of Nursery and orchard Management | Method of propagation & soil, weed pest, Nutrient & Intercropping | May | 2 | PF, RY EF | 75 | 2 | 77 | DHO Katihar |
| 4 | Scientific Cultivation of Kharif Crops | Soil, Water, Pest and weed management of Kharif Crop | July | 3 | PF, RY EF | 102 | 5 | 107 | DAO Katihar |
| 5 | Role of Biofertilizer in Kharif Crops | Method of applicant production and utilization of Biofertilizer | July | 2 | PF, RY EF | 150 | 6 | 150 | IFCO Katihar |
| 6 | Improved method of Jute cultivation | Varieties, Nutrient Pest and weed management with retting technology | July | 2 | PF, RY EF | 75 | 2 | 77 | Jute Development Govt of India |
| 7 | Scientific Cultivation of Rabi Crops | Soil, Water, weed and Pest management of cereat pulses & oilseed crops | Sept | 4 | PF, RY EF | 150 | 8 | 158 | DAO Katihar |
| 8 | Fishery Management | | | | PF, RY EF | | | | |
| 9 | Makhana & Fish cultivation | Scientific method of makhana & fish cultivation | Jan | 2 | PF, RY EF | 85 | 5 | 90 | Makhana research centre Dharbhanga |
| 10 | Production Preservation of marketing of Banana | Varieties, Nutrient Water, weed , inter cropping Pest management and preservation & Marketing of Banana | March | 2 | PF, RY EF | 300 | 10 | 310 | NHM |

3.4. Extension Activities (including activities of FLD programmes)

| Nature of Extension Activity | No. of activities | Farmers | | | Extension Officials | | | Total | | |
|---|-------------------|---------|--------|-------|---------------------|--------|-------|-------|--------|-------|
| | | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| Field Day | 9 | 188 | 10 | 198 | 8 | - | 8 | 196 | 10 | 206 |
| Kisan Mela | 6 | many | | | | | | | | |
| Kisan Ghosthi | 5 | 160 | - | 160 | 10 | - | 170 | 170 | - | 170 |
| Exhibition | | | | | | | | | | |
| Film Show | | | | | | | | | | |
| Method Demonstrations | | | | | | | | | | |
| Farmers Seminar | | | | | | | | | | |
| Workshop | 8 | 80 | 2 | | | | | 80 | 2 | 82 |
| Group meetings | | | | | | | | | | |
| Lectures delivered as resource persons | | | | | | | | | | |
| Newspaper coverage | 25 | | | | | | | | | |
| Radio talks | 18 | | | | | | | | | |
| TV talks | 54 | | | | | | | | | |
| Popular articles | 5 | | | | | | | | | |
| Extension Literature | 6 | | | | | | | | | |
| Advisory Services | 250 | | | | | | | | | |
| Scientific visit to farmers field | 30 | | | | | | | | | |
| Farmers visit to KVK | | 300 | | 300 | 10 | | 10 | 310 | | 310 |
| Diagnostic visits | 5 | | | | | | | | | |
| Exposure visits | | | | | | | | | | |
| Ex-trainees Sammelan | | | | | | | | | | |
| Soil health Camp | | | | | | | | | | |
| Animal Health Camp | | | | | | | | | | |
| Agri mobile clinic | | | | | | | | | | |
| Soil test campaigns | | | | | | | | | | |
| Farm Science Club Conveners meet | | | | | | | | | | |
| Self Help Group Conveners meetings | | | | | | | | | | |
| Mahila Mandals Conveners meetings | | | | | | | | | | |
| Celebration of important days (specify) | | | | | | | | | | |
| Any Other (Specify) | | | | | | | | | | |
| Total | | | | | | | | | | |

3.5 Production and supply of Technological products

A. SEED MATERIALS PRODUCED AT KVK FARM

| Sl. No. | Crop | Variety | Quantity (qtl.) | Value (Rs.) | Provided to No. of Farmers |
|-----------------|--------------|----------------|-----------------|-------------|----------------------------|
| CEREALS | Paddy | Kishory | 8 | | 30 |
| | | Sakuntala | 8 | | 28 |
| | | Prabhat | 2 | | 8 |
| | | Boro Basmati | 1.5 | | 4 |
| OILSEEDS | Sesumum | Krishna | 2 | | 5 |
| | | | | | |
| | | | | | |
| | | | | | |

| | | | | |
|-------------------------|------------|----------------|-----|----|
| PULSES | Green Gram | Pusa Vishal | 1 | 25 |
| | | SML 668 | 1 | 20 |
| VEGETABLES | Okra – | Arka Anamika - | 0.5 | |
| FLOWER CROPS | | | | |
| OTHERS (Specify) | | | | |

SUMMARY

| Sl. No. | Crop | Quantity (qtl.) | Value (Rs.) | Provided to No. of Farmers |
|--------------|---------------------------|-----------------|-------------|----------------------------|
| 1 | CEREALS – Paddy | 16 | – | 58 |
| 2 | OILSEEDS – Cesamum | 2 | | 5 |
| 3 | PULSES – Pusa Vishal | 1 | | 25 |
| 4 | VEGETABLES – SML 668 | 1 | | 20 |
| 5 | FLOWER CROPS | | | |
| 6 | OTHERS Okra – Arka Anamka | 0.50 | | |
| TOTAL | | | | |

B. SEED MATERIALS PRODUCED THROUGH VILLAGE SEED PRODUCTION PROGRAMME

| Sl. No. | Crop | Variety | Quantity (qtl.) | Value (Rs.) | Provided to No. of Farmers |
|---------------------|------|---------|-----------------|-------------|----------------------------|
| CEREALS | | | | | |
| OILSEEDS | | | | | |
| PULSES | | | | | |
| VEGETABLES | | | | | |
| FLOWER CROPS | | | | | |

OTHERS (Specify)

PLANTING MATERIALS

| Sl. No. | Crop | Variety | Quantity (Nos.) | Value (Rs.) | Provided to No. of Farmers |
|-------------------------|------|---------|-----------------|-------------|----------------------------|
| FRUITS | | | | | |
| | | | | | |
| SPICES | | | | | |
| | | | | | |
| VEGETABLES | | | | | |
| | | | | | |
| FOREST SPECIES | | | | | |
| | | | | | |
| ORNAMENTAL CROPS | | | | | |
| | | | | | |
| PLANTATION CROPS | | | | | |
| | | | | | |
| Others (specify) | | | | | |
| | | | | | |

SUMMARY

| Sl. No. | Crop | Quantity (Nos.) | Value (Rs.) | Provided to No. of Farmers |
|---------|------------------|-----------------|-------------|----------------------------|
| 1 | FRUITS | | | |
| 2 | VEGETABLES | | | |
| 3 | SPICES | | | |
| 4 | FOREST SPECIES | | | |
| 5 | ORNAMENTAL CROPS | | | |
| 6 | PLANTATION CROPS | | | |
| 7 | OTHERS | | | |
| | TOTAL | | | |

BIO PRODUCTS

| Sl. No. | Product Name | Species | Quantity | | Value (Rs.) | Provided to No. of Farmers |
|------------------|--------------|---------|----------|------|-------------|----------------------------|
| | | | No | (kg) | | |
| BIOAGENTS | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |

| BIOFERTILIZERS | | | | | | |
|----------------|--|--|--|--|--|--|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| BIO PESTICIDES | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |

| |
|----------------|
| SUMMARY |
|----------------|

| Sl. No. | Product Name | Species | Quantity | | Value (Rs.) | Provided to No. of Farmers |
|---------|-----------------|---------|----------|------|-------------|----------------------------|
| | | | No | (kg) | | |
| 1 | BIOAGENTS | | | | | |
| 2 | BIO FERTILIZERS | | | | | |
| 3 | BIO PESTICIDE | | | | | |
| | 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 & GOAT | | | | | |
| 3 | POULTRY | | | | | |
| 4 | FISHERIES | | | | | |
| 5 | OTHERS | | | | | |
| TOTAL | | | | | | |

3.6. Literature Developed/Published (with full title, author & reference)

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

(B) Literature developed/published

| Item | Title | Authors name | Number |
|----------------------|--|------------------|--------------|
| Research papers | | | |
| Technical reports | | | |
| News letters | | | |
| Technical bulletins | | | |
| Popular articles | 1. केला में समेकित कीट व्याधि प्रबंधन | डॉ० आई एन० शर्मा | केला सेमिनार |
| | 2. समेकित कीट प्रबंधन सूत्र | डॉ० आई एन० शर्मा | केला सेमिनार |
| Extension literature | 1. मिश्रित मत्स्यपालन | ब्रजेन्दु कुमार | 1000 |
| | 2. नर्सरी तालाबों में जीरा पालन | ब्रजेन्दु कुमार | 1000 |
| | 3. बाढ़ग्रस्त क्षेत्रों में जीरा पालन का महत्व | ब्रजेन्दु कुमार | 1000 |
| | 4. महाझींगा पालन | ब्रजेन्दु कुमार | 1000 |
| | 5. मखाना सह मत्स्यपालन | ब्रजेन्दु कुमार | 1000 |
| | 6. नए तालाबों का निर्माण एवं पुराने तालाबों का जीर्णोद्धार | ब्रजेन्दु कुमार | 1000 |
| | 7. टमाटर का परिक्षण | बसन्ती कुमारी | 500 |
| 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

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

(D) Details of personnel development

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

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 for technology development (in detail with suitable photographs)

| S. 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 :
Knowledge Test, Group discussion, Request for SHGs other organisation, NGOs
- Rural Youth :
After assessing the potentiality of any Enterprise in the District, Rural Youth are provided training.
- Inservice personnel :
As per request.

3.11 Field activities

- i. Number of villages adopted – 5
- ii. No. of farm families selected – 50
- iii. No. of survey/PRA conducted

3.12. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab :

1. Year of establishment :
2. List of equipments purchased with amount :

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

3. Details of samples analyzed so far :

| Details | No. of Samples | No. of Farmers | No. of Villages | Amount realized |
|---------------|----------------|----------------|-----------------|-----------------|
| Soil Samples | | | | |
| Water Samples | | | | |
| Total | | | | |

4.0 IMPACT

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

| Name of specific technology/skill transferred | No. of participants | % of adoption | Change in income (Rs.) | |
|---|---------------------|---------------|------------------------|------------------|
| | | | Before (Rs./Unit) | After (Rs./Unit) |
| | | | | |

NB: Should be based on actual study, questionnaire/group discussion etc. with ex-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. |
|-------------------------------|-------------------------------------|
| 1. DAO, Katihar. | HRD & joint programme like workshop |
| 2. DHO, Katihar. | - do - |
| 3. IFFCO, Katihar. | - do - |
| 4. Krivco, Katihar | - do - |
| 5. NABARD, Katihar | - do - |
| 6. Jute Dev. Office, Katihar. | - do - |
| 7. DAO, Purnea. | - do - |
| 8. DAO, Kishanganj | - do - |
| 9. DHO, Kishanganj. | -do - |
| 10. ATMA, Katihar | -do |
| 11. NGO, Katihar | -do - |
| 12. JDA(Jute), Purnia | -do- |

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

5.2 List of special programmes undertaken by the KVK, which have been financed by State Govt./Other Agencies

| Name of the scheme | Date/ Month of initiation | Funding agency | Amount (Rs.) |
|--|---------------------------|--------------------------------|--------------|
| Model Nursery Development in 4 ha | Nov 2006 | National Horticultural Mission | 18.00 lacs |
| Agriculture officers training on establishment of nursery and orchard management | | National Horticultural Mission | |

5.3 Details of linkage with ATMA

a) Is ATMA implemented in your district Yes/No

| S. No. | Programme | Nature of linkage | Remarks |
|--------|--------------------|--------------------|---|
| 1. | Training Programme | Imparting Training | 1. Training based on trust area |
| 2. | Formation of SHG | | Formation based on Specific Enterprises |

5.4 Give details of programmes implemented under National Horticultural Mission

| S. No. | Programme | Nature of linkage | Constraints if any |
|--------|---|--------------------|---------------------------|
| 1 | Officers and Farmers Training Programme | Imparting Training | Lack of SMS horti culture |
| 2 | Training of Vermi Compost | Imparting Training | |
| 3. | Training on IPM | Imparting Training | |

5.5 Nature of linkage with National Fisheries Development Board

| S. No. | Programme | Nature of linkage | Remarks |
|--------|---|-------------------|---------|
| | 10 days farmers training organised by NGO JEEVIKA | Sponsoring agency | |

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

6.1 Performance of demonstration units (other than instructional farm)

| Sl. No. | Demo Unit | Year of estt. | Area | Details of production | | | Amount (Rs.) | | Remarks |
|---------|-----------|---------------|------|-----------------------|---------|------|----------------|--------------|---------|
| | | | | Variety | Produce | Qty. | Cost of inputs | Gross income | |
| | | | | | | | | | |

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. | Cost of inputs | Gross income | |
| Cereals | | | | | | | | | |
| Pulses | | | | | | | | | |
| Oilseeds | | | | | | | | | |
| Fibers | | | | | | | | | |
| Spices & Plantation crops | | | | | | | | | |
| Floriculture | | | | | | | | | |
| Fruits | | | | | | | | | |
| Vegetables | | | | | | | | | |
| Others (specify) | | | | | | | | | |
| | | | | | | | | | |

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 / aquatics | 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)

| Months | No. of trainees stayed | Trainee days (days stayed) | Reason for short fall (if any) |
|----------------|------------------------|----------------------------|--------------------------------|
| October 2006 | | | |
| November 2006 | | | |
| December 2006 | | | |
| January 2007 | | | |
| February 2007 | | | |
| March 2007 | | | |
| April 2007 | | | |
| May 2007 | | | |
| June 2007 | | | |
| July 2007 | | | |
| August 2007 | | | |
| September 2007 | | | |

(for whole of the year)

7. FINANCIAL PERFORMANCE

7.1 Details of KVK Bank accounts

| Bank account | Name of the bank | Location | Account Number |
|---------------------|------------------|----------------------------|----------------|
| With Host Institute | | | |
| With KVK | SBI | Shiv Mandir chowk, katihar | 10501342703 |

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 | | | | | |
| Extension activities | | | | | |
| TA/DA/POL etc. | | | | | |
| TOTAL | | | | | |

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 | | | | | |
| Extension activities | | | | | |
| TA/DA/POL etc. | | | | | |
| TOTAL | | | | | |

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/POL etc. | | | | | |
| TOTAL | | | | | |

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

| S.No | Particulars | Sanctioned | Released | Expenditure |
|---------------------------------------|--|------------|----------|-------------|
| A. Recurring Contingencies | | | | |
| 1 | Pay & Allowances | | | |
| 2 | Traveling allowances | | | |
| 3 | Contingencies | | | |
| A | Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines) | | | |
| B | POL, repair of vehicles, tractor and equipments | | | |
| C | Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained) | | | |
| D | Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training) | | | |
| E | Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year) | | | |
| F | On farm testing (on need based, location specific and newly generated information in the major production systems of the area) | | | |
| G | Training of extension functionaries | | | |
| H | Maintenance of buildings | | | |
| I | Establishment of Soil, Plant & Water Testing Laboratory | | | |
| J | Library | | | |
| TOTAL (A) | | | | |
| B. Non-Recurring Contingencies | | | | |
| 1 | Works | | | |
| 2 | Equipments including SWTL & Furniture | | | |
| 3 | Vehicle (Four wheeler/Two wheeler, please specify) | | | |
| 4 | Library (Purchase of assets like books & journals) | | | |
| TOTAL (B) | | | | |
| C. REVOLVING FUND | | | | |
| GRAND TOTAL (A+B+C) | | | | |

7.5 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 | | | | |
| April 2005 to March 2006 | | | | |
| April 2006 to March 2007 | | | | |

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

- a. Administrative :-
- i. Lack of Scientist & Staff.
 - ii. Lack of Administrative building.
 - iii. Lack of Fencing of K.V.K. Katihar, Farm.
 - iv. Lack of Scientist quarter & Staff quarter
 - v. Lack of Two Wheeler Motor Cycle.
 - vi. Lack of Irrigation Channel.
 - vii. Lack of Implement shade & Carrage.
 - viii. Lack of Road under Farms.
 - ix. Lack of Store house.

b. Financial

c. Technical: Lack of equipment & implements, thresher, Transplantor, Harvesting Machine, Diesel Pump Set etc.

| | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|
| Mushroom cultivation | | | | | | | | | | |
| Drudgery reduction | | | | | | | | | | |
| Farm machineries | | | | | | | | | | |
| Post Harvest Technology | | | | | | | | | | |
| Integrated Pest Management | | | | | | | | | | |
| Integrated Disease Management | | | | | | | | | | |
| Resource conservation technology | | | | | | | | | | |
| Small Scale income generating enterprises | | | | | | | | | | |
| TOTAL | | | | | | | | | | |

Table 1 C: Abstract on the number of technologies assessed in respect of livestock enterprises

| Thematic areas | Cattle | Poultry | Piggery | Rabbitary | Fisheries | TOTAL |
|---|---------------|----------------|----------------|------------------|------------------|--------------|
| Evaluation of Breeds | | | | | | |
| Nutrition Management | | | | | | |
| Disease of Management | | | | | | |
| Value Addition | | | | | | |
| Production and Management | | | | | | |
| Feed and Fodder | | | | | | |
| Small Scale income generating enterprises | | | | | | |
| TOTAL | | | | | | |

Table 1 D: Abstract on the number of technologies refined in respect of livestock enterprises

| Thematic areas | Cattle | Poultry | Piggery | Rabbitary | Fisheries | TOTAL |
|---|---------------|----------------|----------------|------------------|------------------|--------------|
| Evaluation of Breeds | | | | | | |
| Nutrition Management | | | | | | |
| Disease of Management | | | | | | |
| Value Addition | | | | | | |
| Production and Management | | | | | | |
| Feed and Fodder | | | | | | |
| Small Scale income generating enterprises | | | | | | |
| TOTAL | | | | | | |

Table – 1 E Details of technology refined

| Crop / Enterprise | Technology Assessed | No. replications | Technology refined | Result justifying the refinement |
|--------------------------|----------------------------|-------------------------|---------------------------|---|
| | | | | |

2. Details of Frontline Demonstrations

Table – 2 A Front Line Demonstrations on Oilseed Crops

| Crop | Technology Demonstrated | No. of Farmers | Area (ha.) | Demo. Yield | Local Check | Increase in yield (%) | Data on parameter in relation to technology demonstrated | | Average Net Return (Profit) (Rs./ha) | Benefit-Cost Ratio (Gross Return / Gross Cost) |
|---------------|-------------------------|----------------|------------|-------------|-------------|-----------------------|--|-------|--------------------------------------|--|
| | | | | | | | Demo | Local | | |
| Seamum Kharif | Varieties evaluation | 10 | 5 | 7.18 | 5.45 | 31.74 | | | | |
| Mustard Rabi | Varieties evaluation | 10 | 5 | 8.76 | 6.27 | 39.7 | | | | |

Table – 2 B Front Line Demonstrations on Pulse Crops

| Crop | Technology Demonstrated | No. of Farmers | Area (ha.) | Demo. Yield | Local Check | Increase in yield (%) | Data on parameter in relation to technology demonstrated | | Average Net Return (Profit) (Rs./ha) | Benefit-Cost Ratio (Gross Return / Gross Cost) |
|---------------------|-------------------------|----------------|------------|-------------|-------------|-----------------------|--|-------|--------------------------------------|--|
| | | | | | | | Demo | Local | | |
| Red Gram / Kharif | Varieties evaluation | 10 | 5 | 13.26 | 11.00 | 20.54 | | | | |
| Lintil (Rabi) | Varieties evaluation | 10 | 5 | 8.75 | 6.22 | 28.91 | | | | |
| Green Gram (Summer) | Varieties evaluation | 10 | 5 | 5.35 | 2.42 | 54.76 | | | | |

Table – 2 C Front Line Demonstrations on Other Crops

| Crop | Technology Demonstrated | No. of Farmers | Area (ha.) | Demo. Yield | Local Check | Increase in yield (%) | Data on parameter in relation to technology demonstrated | | Average Net Return (Profit) (Rs./ha) | Benefit-Cost Ratio (Gross Return / Gross Cost) |
|------|-------------------------|----------------|------------|-------------|-------------|-----------------------|--|-------|--------------------------------------|--|
| | | | | | | | Demo | Local | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

Table – 2 D Front Line Demonstrations on Other enterprises

| Enterprise | Variety/ breed/Species/others | No. of farmers | No. of Units | Size of Unit | Parameter indicators | Data on parameter in relation to technology demonstrated | | % change in the parameter | Remarks |
|------------|-------------------------------|----------------|--------------|--------------|----------------------|--|-------------|---------------------------|---------|
| | | | | | | Demon. | Local check | | |
| | | | | | | | | | |

3. Details of training programmes conducted:

Table – 3 A Area-wise distribution of On + Off Campus Training Courses for Farmers and Farm Women (Regular + Sponsored)

| Thematic Area | No. of Participants | | | | | | | | | | Grand Total |
|------------------------------------|---------------------|--------|---|-----|----|---|----|----|---|----|-------------|
| | No. of Courses | Others | | | SC | | | ST | | | |
| | | M | F | T | M | F | T | M | F | T | |
| Crop Production | | | | | | | | | | | |
| Weed Management | 23 | 123 | 7 | 130 | 38 | 7 | 45 | 23 | 1 | 24 | 199 |
| Resource Conservation Technologies | 6 | 38 | – | 38 | 9 | – | 9 | 6 | – | 6 | 53 |
| Cropping Systems | 24 | 109 | – | 109 | 28 | – | 28 | 23 | – | 23 | 160 |
| Crop Diversification | 6 | 37 | – | 37 | 8 | – | 8 | 6 | – | 6 | 51 |
| Integrated Farming | 5 | 38 | – | 38 | 10 | – | 10 | 9 | – | 9 | 57 |
| Micro Irrigation/Irrigation | 12 | 72 | – | 72 | 16 | – | 16 | 12 | – | 12 | 100 |
| Seed production | 12 | 75 | – | 75 | 19 | – | 19 | 15 | – | 15 | 109 |
| Nursery management | 40 | 176 | – | 176 | 50 | – | 50 | 48 | – | 48 | 270 |
| Integrated Crop Management | 49 | 198 | – | 198 | 58 | – | 58 | 51 | – | 51 | 307 |

| | | | | | | | | | | | |
|--|----|-----|---|-----|----|---|----|----|---|----|-----|
| Soil and Water Conservation | 38 | 145 | - | 145 | 35 | - | 35 | 32 | - | 32 | 212 |
| Integrated Nutrient Management | 35 | 160 | - | 160 | 45 | - | 45 | 32 | - | 32 | 237 |
| Production of organic inputs | 52 | 244 | - | 244 | 81 | - | 81 | 59 | - | 59 | 384 |
| Horticulture | | | | | | | | | | | |
| a) Vegetable Crops | | | | | | | | | | | |
| Production of low value and high volume crop | 11 | 52 | - | 52 | 13 | - | 13 | 9 | - | 9 | 74 |
| Off-season vegetables | 10 | 58 | - | 58 | 11 | - | 11 | 10 | - | 10 | 79 |
| Nursery raising | 28 | 166 | - | 166 | 44 | - | 44 | 36 | - | 36 | 246 |
| Exotic vegetables | | | | | | | | | | | |
| Export potential vegetables | | | | | | | | | | | |
| Grading and standardization | | | | | | | | | | | |
| Protective cultivation | | | | | | | | | | | |
| b) Fruits | | | | | | | | | | | |
| Training and Pruning | 3 | 17 | - | 17 | 5 | - | 5 | 3 | - | 3 | 25 |
| Layout and Management of Orchards | 23 | 133 | - | 133 | 29 | - | 29 | 25 | - | 25 | 187 |
| Cultivation of Fruit | 29 | 187 | - | 187 | 28 | - | 28 | 29 | - | 29 | 254 |
| Management of young plants/orchards | 34 | 206 | - | 206 | 43 | - | 43 | 38 | - | 38 | 287 |
| Rejuvenation of old orchards | 28 | 214 | - | 214 | 44 | - | 44 | 39 | - | 39 | 297 |
| Export potential fruits | | | | | | | | | | | |
| Micro irrigation systems of orchards | 16 | 95 | - | 55 | 18 | - | 18 | 13 | - | 13 | 152 |
| Plant propagation techniques | 26 | 154 | - | 154 | 31 | - | 31 | 25 | - | 25 | 210 |
| c) Ornamental Plants | | | | | | | | | | | |
| Nursery Management | 10 | 88 | - | 88 | 18 | - | 18 | 15 | - | 15 | 122 |
| Management of potted plants | | | | | | | | | | | |
| Export potential of ornamental plants | | | | | | | | | | | |
| Propagation techniques of Ornamental Plants | 4 | 20 | - | 20 | 5 | - | 5 | 4 | - | 4 | 29 |
| d) Plantation crops | | | | | | | | | | | |
| Production and Management technology | 20 | 143 | - | 143 | 29 | - | 29 | 22 | - | 22 | 195 |
| Processing and value addition | | | | | | | | | | | |
| e) Tuber crops | | | | | | | | | | | |
| Production and Management technology | 22 | 136 | - | 136 | 36 | - | 36 | 22 | - | 22 | 194 |
| Processing and value addition | | | | | | | | | | | |
| f) Spices | | | | | | | | | | | |
| Production and Management technology | 27 | 158 | - | 158 | 39 | - | 39 | 29 | - | 29 | 216 |
| Processing and value addition | | | | | | | | | | | |
| g) Medicinal and Aromatic Plants | | | | | | | | | | | |
| Nursery management | 12 | 77 | | 77 | 16 | | 16 | 14 | | 14 | 107 |
| Production and management technology | 29 | 184 | - | 184 | 41 | - | 41 | 32 | - | 32 | 257 |
| Post harvest technology and value addition | 8 | 36 | | 36 | 11 | | 11 | 6 | | 6 | 53 |
| Soil Health and Fertility Management | | | | | | | | | | | |
| Soil fertility management | 39 | 215 | - | 215 | 54 | - | 54 | 42 | - | 42 | 311 |
| Integrated water management | 24 | 199 | - | 199 | 59 | - | 59 | 45 | - | 45 | 303 |
| Integrated nutrient management | 54 | 199 | - | 199 | 59 | - | 59 | 45 | - | 45 | 303 |
| Production and use of organic inputs | 95 | 251 | - | 251 | 58 | - | 58 | 45 | - | 45 | 364 |
| Management of Problematic soils | | | | | | | | | | | |
| Micro nutrient deficiency in crops | 17 | 119 | - | 119 | 22 | - | 22 | 16 | - | 16 | 157 |
| Nutrient use efficiency | 14 | 82 | - | 82 | 19 | - | 19 | 16 | - | 16 | 117 |

Table – 3 C Area-wise distribution of On + Off Campus Training Courses for In-service Extension Personnel (regular + sponsored)

| Thematic Area | No. of Courses | No. of Participants | | | | | | | | | Grand Total |
|---|----------------|---------------------|--------|-------|----|---|----|----|---|----|-------------|
| | | Others | | | SC | | | ST | | | |
| | | Male | Female | Total | M | F | T | M | F | T | |
| Productivity enhancement in field crops | 38 | 191 | - | 191 | 32 | - | 32 | 31 | - | 31 | 236 |
| Integrated Pest Management | 58 | 263 | - | 263 | 61 | - | 61 | 44 | - | 44 | 368 |
| Integrated Nutrient management | 33 | 151 | - | 151 | 35 | - | 35 | 29 | - | 29 | 215 |
| Rejuvenation of old orchards | 27 | 140 | - | 140 | 34 | - | 34 | 26 | - | 26 | 200 |
| 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 | | | | | | | | | | | |
| Management in farm animals | | | | | | | | | | | |
| Livestock feed and fodder production | | | | | | | | | | | |
| Household food security | | | | | | | | | | | |
| Women and Child care | | | | | | | | | | | |
| Low cost and nutrient efficient diet designing | | | | | | | | | | | |
| Production and use of organic inputs | 41 | 217 | - | 217 | 44 | - | 44 | 33 | - | 33 | 294 |
| Gender mainstreaming through SHGs | | | | | | | | | | | |
| Any other (pl.specify) | | | | | | | | | | | |

Table – 4 Numbers of Extension Activities and Beneficiaries

| Nature of Extension Activity | No. of activities | Farmers | | | Extension Officials | | | Total | | |
|------------------------------|-------------------|---------|--------|-------|---------------------|--------|-------|-------|--------|-------|
| | | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| Field Day | 8 | 155 | 10 | 165 | 8 | - | 8 | 163 | 8 | 171 |
| Kisan Mela | 4 | Many | Many | Many | 10 | 2 | 12 | Many | Many | Many |
| Kisan Ghosthi | 8 | 178 | 17 | 195 | 2 | - | 2 | 180 | 19 | 199 |
| Exhibition | 2 | Many | Many | Many | | | | | | |
| Film Show | | | | | | | | | | |
| Method Demonstrations | | | | | | | | | | |
| Farmers Seminar | | | | | | | | | | |
| Workshop | 8 | 80 | 2 | | NIL | NIL | | 80 | 2 | 82 |
| Group meetings | | | | | | | | | | |
| Lectures delivered | | | | | | | | | | |
| Newspaper coverage | 13 | Many | Many | | | | | | | |
| Radio coverage | 16 | Many | Many | | | | | | | |
| TV coverage | 50 | Many | Many | | | | | | | |
| Radio Programmes | | | | | | | | | | |
| TV Programmes | | | | | | | | | | |
| Publications | | | | | | | | | | |
| Popular articles | 4 | Many | Many | | | | | | | |
| Extension Literature | 200 | Many | Many | | | | | | | |
| Advisory Services | 24 | Many | Many | | | | | | | |

| | | | | | | | | | | |
|---|----|------|------|-----|----|---|----|-----|---|-----|
| Scientific visit to farmers field | 24 | Many | Many | | | | | | | |
| Farmers visit to KVK | – | 300 | – | 300 | 10 | – | 10 | 310 | – | 310 |
| Diagnostic visits | 5 | Many | Many | | | | | | | |
| Field visits | 10 | Many | Many | | | | | | | |
| Exposure visits | 2 | 2 | | 2 | | | | | | 2 |
| Ex-trainees Sammelan | | | | | | | | | | |
| Agriculture Camps | | | | | | | | | | |
| Clinic day | | | | | | | | | | |
| Soil health Camp | | | | | | | | | | |
| Animal Health Camp | | | | | | | | | | |
| Agri mobile clinic | | | | | | | | | | |
| Soil test campaigns | | | | | | | | | | |
| Farm Science Club | | | | | | | | | | |
| Conveners meet | | | | | | | | | | |
| Self Help Group | | | | | | | | | | |
| Conveners meetings | | | | | | | | | | |
| Mahila Mandals | | | | | | | | | | |
| Conveners meetings | | | | | | | | | | |
| Celebration of important days (specify) | | | | | | | | | | |
| Any Other (Specify) | | | | | | | | | | |
| Total | | | | | | | | | | |

Table – 5 A Productions of Seeds

| Sl. No. | Crop | Variety | Quantity (qtl.) | Value (in Rs.) | Provided to No. of Farmers |
|-----------------------|------|---------|-----------------|----------------|----------------------------|
| I. CEREALS | | | | | |
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| 6 | | | | | |
| Total | | | | | |
| II. OIL SEEDS | | | | | |
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| 6 | | | | | |
| Total | | | | | |
| III. PULSES | | | | | |
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| 6 | | | | | |
| Total | | | | | |
| IV. VEGETABLES | | | | | |
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| 6 | | | | | |
| Total | | | | | |

| V. OTHERS | | | | | |
|------------------|--|--|--|--|--|
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| Total | | | | | |

SUMMARY

| Sl. No. | Crop | Quantity (qtl.) | Value (in Rs.) | Provided to No. of Farmers |
|----------------|-------------------|------------------------|-----------------------|-----------------------------------|
| I | CEREALS | | | |
| II | OIL SEEDS | | | |
| III | PULSES | | | |
| IV | VEGETABLES | | | |
| V | OTHERS | | | |
| | TOTAL | | | |

Table – 5 B Production of planting/seedling materials of Fruits/Vegetables/Forest Species

| Sl. No. | Crop | Variety | Quantity (Nos.) | Value (in Rs.) | Provided to No. of Farmers |
|----------------------------|-------------|----------------|------------------------|-----------------------|-----------------------------------|
| I. FRUITS | | | | | |
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| Total | | | | | |
| II. VEGETABLES | | | | | |
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| Total | | | | | |
| III. SPICES | | | | | |
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| Total | | | | | |
| IV. FOREST SPECIES | | | | | |
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| Total | | | | | |
| V. ORNAMENTAL CROPS | | | | | |
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |

| | | | | | |
|-----------------------------|--|--|--|--|--|
| Total | | | | | |
| VI. PLANTATION CROPS | | | | | |
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| Total | | | | | |
| VII. OTHERS | | | | | |
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| Total | | | | | |

SUMMARY

| Sl. No. | Crop | Quantity (Nos.) | Value (in Rs.) | Provided to No. of Farmers |
|---------|------------------|-----------------|----------------|----------------------------|
| I | FRUITS | | | |
| II | VEGETABLES | | | |
| III | SPICES | | | |
| IV | FOREST SPECIES | | | |
| V | ORNAMENTAL CROPS | | | |
| VI | PLANTATION CROPS | | | |
| VII | OTHERS | | | |
| | TOTAL | | | |

Table -5 C Production of bio products

| Sl. No. | Product Name | Species | Quantity | | Value (Rs.) | Provided to No. of Farmers |
|----------------------------|--------------|---------|----------|------|-------------|----------------------------|
| | | | No | (kg) | | |
| I. BIOAGENTS | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| II. BIOFERTILIZERS | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| III. BIO PESTICIDES | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |

| |
|----------------|
| SUMMARY |
|----------------|

| Sl. No. | Product Name | Species | Quantity | | Value (Rs.) | Provided to No. of Farmers |
|---------|-----------------|---------|----------|------|-------------|----------------------------|
| | | | No | (kg) | | |
| I | BIOAGENTS | | | | | |
| II | BIO FERTILIZERS | | | | | |
| III | BIO PESTICIDE | | | | | |
| | TOTAL | | | | | |

Table 5 D Livestock materials

| Sl. No. | Type | Breed | Quantity | | Value (Rs.) | Provided to No. of Farmers |
|---------------------|------|-------|----------|-----|-------------|----------------------------|
| | | | (Nos) | Kgs | | |
| I. CATTLE | | | | | | |
| | | | | | | |
| II. SHEEP AND GOAT | | | | | | |
| | | | | | | |
| | | | | | | |
| III. POULTRY | | | | | | |
| | | | | | | |
| | | | | | | |
| IV. FISHERIES | | | | | | |
| | | | | | | |
| | | | | | | |
| V. Others (Specify) | | | | | | |

| |
|----------------|
| SUMMARY |
|----------------|

| Sl. No. | Type | Breed | Quantity | | Value (Rs.) | Provided to No. of Farmers |
|---------|--------------|-------|----------|-----|-------------|----------------------------|
| | | | Nos | Kgs | | |
| I | CATTLE | | | | | |
| II | SHEEP & GOAT | | | | | |
| III | POULTRY | | | | | |
| IV | FISHERIES | | | | | |
| V | OTHERS | | | | | |
| | TOTAL | | | | | |

Signature of Project Coordinator

Signature of DEE