

PROFORMA FOR 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 |
|--|----------------------------|-----------|--|
| Krishi Vigyan Kendra, Junagadh Agricultural University, Khapat-360579, Porbandar (Gujarat) | Office 0286- 2242416 | FAX -- | kvk_khapat@yahoo.com gohelparesh@rediffmail.com srthaker@rediffmail.com |

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

| Address | Telephone | | E mail |
|---|---------------------|------------------|--------|
| | Office | FAX | |
| Junagadh Agricultural University Junagadh-362001 (Gujarat) | 0285- 2672080-90 | 0285- 2672653 | |

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

| Name | Telephone / Contact | | |
|------------------|---------------------|------------|-------|
| | Residence | Mobile | Email |
| Mr. D. M. Pathak | 9898550495 | 9909015725 | -- |

1.4. Year of sanction: February, 2005

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 | D. M. Pathak | Programme Coordinator | Pl. Patho. | 8000-13500 8000 | 16-8-06 | Temporary | Other |
| 2 | Subject Matter Specialist | P. J. Gohil | Subject Matter Specialist | Agronomy | 8000-13500 8000 | 21-8-06 | Temporary | OBC |
| 3 | Subject Matter Specialist | R. B. Vadher | Subject Matter Specialist | Entomology | 8000-13500 8000 | 19-8-06 | Temporary | OBC |
| 4 | Subject Matter Specialist | H. R. Vadar | Subject Matter Specialist | SWE | 8000-13500 8000 | 22-8-06 | Temporary | OBC |
| 5 | Subject Matter Specialist | D. M. Bhatt | Subject Matter Specialist | Home Sci. | 8000-13500 8000 | 22-8-06 | Temporary | Other |
| 6 | Subject Matter Specialist | S. R. Thaker | Subject Matter Specialist | Fisheries | 8000-13500 8000 | 31-8-06 | Temporary | Other |
| 7 | Subject Matter Specialist | Virendra Singh | Subject Matter Specialist | Horti. | 8000-13500 8000 | 23-3-07 | Temporary | OBC |
| 8 | Programme Assistant | V. B. Vasoya | Agril. Officer | - | 5500-9000 8125 | 1-6-07 | Temporary | OBC |
| 9 | Computer Programmer | Vacant | - | - | - | - | - | - |
| 10 | Farm Manager | R. K. Odedra | Agril Officer | - | 5500-9000 2360 | 1-6-07 | Temporary | OBC |
| 11 | Accountant / Superintendent | G. C. Maradia | Accountant / Superintendent | - | 5500-9000 6950 | 5-6-07 | Temporary | OBC |
| 12 | Stenographer | S. R. Thaker | Stenographer | - | 4000-6000 5700 | 4-6-07 | Temporary | Other |

| | | | | | | | | |
|----|------------------|---------------|--------|---|-------------------|--------|-----------|-------|
| 13 | Driver | Vacant | Driver | - | - | - | | - |
| 14 | Driver | Vacant | Driver | - | - | - | | - |
| 15 | Supporting staff | M. L. Solanki | Peon | - | 2550-3200 4000 | 1-6-05 | Temporary | OBC |
| 16 | Supporting staff | B. M. Vyas | Peon | - | 2550-3200 3410 | 1-6-05 | Temporary | Other |

1.6. Total land with KVK (in ha) : 20.59

| S. No. | Item | Area (ha) |
|--------|---------------------------|-----------|
| 1 | Under Buildings | 0.95 |
| 2. | Under Demonstration Units | 1.10 |
| 3. | Under Crops | 13.12 |
| 4. | Orchard/Agro-forestry | 2.42 |
| 5. | Others | 3.0 |

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 | - | - | - | 19-9-2006 | 588 | In progress |
| 2. | Farmers Hostel | ICAR | - | - | - | 17-10-2006 | 288 | In progress |
| 3. | Staff Quarters (6) | ICAR | - | - | - | 19-9-2006 | 446 | In progress |
| 4. | Demonstration Units (2) | ICAR | - | - | - | - | - | Proposal made |
| 5 | Fencing | ICAR | - | - | - | - | - | Proposal made |
| 6 | Rain Water harvesting system | ICAR | 31-3-2007 | 2116 | 998000 | - | - | - |
| 7 | Threshing floor | ICAR | - | - | - | - | - | Proposal made |
| 8 | Farm godown | ICAR | - | - | - | - | - | Proposal made |

B) Vehicles

| Type of vehicle | Year of purchase | Cost (Rs.) | Total kms. Run | Present status |
|--------------------|------------------|------------|----------------|----------------|
| Tractor (Farmtrac) | 2005 | 380000 | 1119 Hours | Good |
| Bolero Jeep | 2005 | 496000 | 8029 Km | * |

* Presently Jeep Marshal No. GJ 8 D 7233 is allotted to this KVK

C) Equipments & AV aids : Nil

| Name of the equipment | Year of purchase | Cost (Rs.) | Present status |
|-----------------------|------------------|------------|----------------|
| | | | |

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

| Sl. No. | Date | Number of Participants | Salient Recommendations | Action taken |
|---------|-----------|------------------------|---|--|
| 1. | 5-09-2006 | 38 | 1. Action plan should be based on thrust areas and problems of the farmers of the operational District. 2. Conduct OFTs and FLDs on different crops of the area. 3. Emphasis on reduction in cost of cultivations through judicious use of seed, fertilizer and chemicals 4. HPS Groundnut 5. SAC report in Gujarati for Farmer Members | Suggestion accepted and incorporated in action plan, Training programmes, Extension activities and SAC meeting |
| 2. | 5-10-2007 | 40 | Proceeding is to be made | - |

* Attach a copy of SAC proceedings along with list of participants: Attached as Annexure I

2. DETAILS OF DISTRICT (2006-07)

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

| S. No | Farming system/enterprise |
|-------|---------------------------|
| 1. | Rainfed Farming System |

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

| S. No | Agro-climatic Zone | Characteristics |
|-------|--------------------|--|
| 1. | South Saurashtra | Porbandar district is located between 21° to 22° N latitude and 69° to 70° E longitude. Soil: medium black & silty loam with calcareous in nature pH: of the soil is ranging from 8.01 to 8.58 Water: Ec value 8.1 mm / cm Average Rainfall: 459.5 mm Temperature Range: 35.3° C to 16.9 °C |

| S. No | Agro ecological situation | Characteristics |
|-------|---|---|
| 1. | Shallow black soil with low rainfall | Soil: Sandy clay loam to clay Rainfall: <750 mm |
| 2. | Hilly soil with low rainfall | Soil: Sandy clay loam to sandy clay Rainfall: <750 mm |
| 3. | Medium black soil with low rainfall | Soil: Sandy clay to clay Rainfall: <750 mm |
| 4. | Deep black soil with low rainfall (Ghed) | Soil: clay Rainfall: <750 mm |
| 5. | Mix red & black soil with medium rainfall | Soil: Sandy clay loam to clay loam Rainfall: 750-1000 mm |

2.3 Soil type/s

| S. No | Soil type | Characteristics | Area in ha |
|-------|-------------------------------|-----------------------|------------|
| 1. | Sandy clay loam to clay | Rainfall: <750 mm | 34000 |
| 2. | Sandy clay loam to sandy clay | Rainfall: <750 mm | 46000 |
| 3. | Sandy clay to clay | Rainfall: <750 mm | 38200 |
| 4. | Clay | Rainfall: <750 mm | 74000 |
| 5. | Sandy clay loam to clay loam | Rainfall: 750-1000 mm | 4800 |

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

| S. No | Crop | Area (ha) | Production (Qtl) | Productivity (Qtl /ha) |
|-------|-------------|-----------|------------------|------------------------|
| 1. | Groundnut | 85.13 | 132.5 | 16.50 |
| 2. | Cotton | 14.4 | 28.7 | 20.00 |
| 3. | Wheat | 12.4 | 37.3 | 30.00 |
| 4. | Cumin | 5.7 | 4.0 | 7.00 |
| 5. | Gram | 15.1 | 13.6 | 9.00 |
| 6. | Sorghum | 3.4 | 4.4 | 13.00 |
| 7. | Pearlmillet | 1.1 | 2.1 | 20.00 |
| 8. | Castor | 0.8 | 1.2 | 15.00 |
| 9. | Greengram | 0.9 | 0.6 | 7.00 |
| 10. | Blackgram | 0.6 | 0.4 | 6.00 |

2.5. Weather data

| Month | Rainfall (mm) | Temperature (°C) | | Humidity (%) |
|------------------|---------------|------------------|-------------|--------------|
| | | Max. | Min. | |
| Jan | - | 27.0 | 18.8 | 73.9 |
| Feb | - | 28.8 | 20.8 | 73.2 |
| March | - | 30.5 | 22.2 | 72.8 |
| April | - | 31.7 | 23.2 | 65.0 |
| May | - | 32.2 | 21.5 | 65.5 |
| June | - | 32.8 | 25.0 | 64.2 |
| July | 327.2 | 29.0 | 25.9 | 81.6 |
| Aug | 309.0 | 28.3 | 25.1 | 84.0 |
| Sept | 90.8 | 29.9 | 26.5 | 75.0 |
| Oct | - | 32.1 | 27.3 | 66.0 |
| Nov | - | 31.0 | 23.7 | 69.0 |
| Dec | - | 27.8 | 21.0 | 69.9 |
| Av./Total | 727.0 | 30.1 | 23.4 | 71.7 |

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

| Category | Population | Production | Productivity |
|-------------------|----------------------------|------------------|--------------|
| Cattle | | | |
| <i>Crossbred</i> | | | |
| <i>Indigenous</i> | 83335 | - | - |
| Buffalo | 84574 | - | - |
| Sheep | | | |
| <i>Crossbred</i> | | | |
| <i>Indigenous</i> | 38800 | - | - |
| Goats | 20097 | - | - |
| Pigs | | | |
| <i>Crossbred</i> | | | |
| <i>Indigenous</i> | | | |
| Rabbits | | | |
| Poultry | | | |
| Hens | | | |
| <i>Desi</i> | 5500 | - | - |
| <i>Improved</i> | 2500 | - | - |
| Ducks | | | |
| Turkey and others | | | |
| Category | Area (ha) | Production | Productivity |
| Fish | | | |
| <i>Marine</i> | - | 119442 mt | - |
| <i>Inland</i> | 16661(Capture only) | 124 mt | - |
| Prawn | - | - | - |
| Scampi | - | - | - |
| Shrimp | - | 1328 mt | - |

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

| Sl.No. | Taluka | Name of the block | Name of the village | Major crops & enterprises | Major problem identified | Identified Thrust Areas |
|--------|-----------|-------------------|--|---|---|---|
| 1. | Porbandar | Cluster I | 1. Visavada 2. Vadala 3. Bagvadar 4. Advana 5. Boricha | Groundnut Cotton Sorghum Wheat Cumin Coriander | <ul style="list-style-type: none"> Stem/collar rot of groundnut Cumin blight Sucking pest and mealybug in cotton Salinity ingress | <ul style="list-style-type: none"> IPM Improved package of practices IDM Problematic soil Poor quality water |

| | | | | | | |
|----|----------|-------------|--|--|---|---|
| 2. | Ranavav | Cluster II | <ol style="list-style-type: none"> 1. Hanumangadh 2. Bileshwar 3. Bordi 4. Kandorana 5. Bapodar | Groundnut Cotton Sorghum Wheat Cumin | <ul style="list-style-type: none"> • Stem/collar rot of groundnut • Cumin blight • Sucking pest and mealybug in cotton • Fruit fly in Mango & Ber | <ul style="list-style-type: none"> • IPM • Improved package of practices • IDM • Horticulture |
| 3. | Kutiyana | Cluster III | <ol style="list-style-type: none"> 1. Ishwariya 2. Khageshri 3. Chauta 4. Mahiyari 5. Amipur | Groundnut Cotton Castor Sorghum Wheat Cumin Gram | <ul style="list-style-type: none"> • Stem/collar rot of groundnut • Cumin blight • Sucking pest and mealybug in cotton • Salinity & water logging in Ghed | <ul style="list-style-type: none"> • IPM • Improved package of practices • IDM • Problematic soil |

2.7 Priority thrust areas

| S. No | Thrust area |
|-------|---|
| 1 | Problematic soils |
| 2 | Integrated Pest and Diseases management |
| 3 | Fisheries |
| 4 | Improved package of practices for major crops of the area |
| 5 | Value addition & PHT |
| 6 | Organic farming |
| 7 | Women empowerment |
| 8 | Efficient use of water |
| 9 | Horticulture: fruits & vegetables |
| 10 | Ground water recharge |
| 11 | Improved varieties |

3. TECHNICAL ACHIEVEMENTS

3.A. Details of target and achievements of mandatory activities by KVK during 2006-07

| OFT | | | | FLD | | | |
|----------------|-------------|-------------------|-------------|----------------|-------------|-------------------|-------------|
| 1 | | | | 2 | | | |
| Number of OFTs | | Number of Farmers | | Number of FLDs | | Number of Farmers | |
| Targets | Achievement | Targets | Achievement | Targets | Achievement | Targets | Achievement |
| 2 | 2 | 6 | 6 | 90 | 88 | 90 | 88 |

| Training | | | | Extension Activities | | | |
|-------------------|-------------|------------------------|-------------|----------------------|-------------|------------------------|-------------|
| 3 | | | | 4 | | | |
| Number of Courses | | Number of Participants | | Number of activities | | Number of participants | |
| Targets | Achievement | Targets | Achievement | Targets | Achievement | Targets | Achievement |
| 66 | 66 | 1650 | 1642 | 14 | 14 | 4000 | 7199 |

| Seed Production (Qtl.) | | Planting material (Nos.) | |
|---------------------------|-------------|--------------------------|-------------|
| 5 | | 6 | |
| Target | Achievement | Target | Achievement |
| Wheat (GW - 496) 40.00 | 43.60 | -- | -- |

3.B. Abstract of interventions undertaken

| S. No | Thrust area | Crop/ Enterprise | Identified Problem | Interventions | | | | | |
|-------|--------------------|------------------|--|--|---------------------|---|--|---|--|
| | | | | Title of OFT if any | 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. |
| 1. | IPDM | Groundnut | <ul style="list-style-type: none"> Stem/collar rot Aflatoxin Storage pest | Application method of <i>Trichoderma</i> | -- | <ul style="list-style-type: none"> Seed Treatment in groundnut IPM in groundnut | -- | Training, Klsan goshtjy, Tele. helpline, Prob. Diag., Field Day | <i>Trchoderma</i> , Castor Cake, Seed |
| 2. | Water Conservation | Groundnut | Water stress due to frequent dry seplls | In-situ moisture conservation in groundnut | -- | <ul style="list-style-type: none"> in-situ moisture conservation | -- | Training, Klsan goshtjy, Tele. helpline, Prob. Diag., Field Day | Seed |

3.1 Achievements on technologies assessed and refined

A.1 Abstract on the number of technologies assessed in respect of crops

| Thematic areas | Cereals | Oilseeds | Pulses | Commercial Crops | Vegetables | Fruits | Flower | Plantation crops | Tuber Crops | TOTAL |
|---|----------|----------|----------|------------------|------------|----------|----------|------------------|-------------|-----------|
| Varietal Evaluation | 1 | 3 | 1 | 1 | - | - | - | - | - | 6 |
| Seed / Plant production | - | - | - | - | - | - | - | - | - | - |
| Weed Management | - | - | - | - | - | - | - | - | - | - |
| Integrated Crop Management | - | 1 | - | - | - | - | - | - | - | 1 |
| Integrated Nutrient Management | - | 1 | - | - | - | - | - | - | - | 1 |
| Integrated Farming System | - | - | - | - | - | - | - | - | - | - |
| Mushroom cultivation | - | - | - | - | - | - | - | - | - | - |
| Drudgery reduction | - | - | - | - | - | - | - | - | - | - |
| Farm machineries | - | - | - | - | - | - | - | - | - | - |
| Value addition | - | - | - | - | - | - | - | - | - | - |
| Integrated Pest Management | - | - | - | - | - | 1 | - | - | - | 1 |
| Integrated Disease Management | - | 1 | - | - | - | 1 | - | - | - | 2 |
| Resource conservation technology | - | 1 | - | - | - | - | - | - | - | 1 |
| Small Scale income generating enterprises | - | - | - | - | - | - | - | - | - | - |
| TOTAL | 1 | 7 | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 12 |

A.2 Abstract on the number of technologies refined in respect of crops

| Thematic areas | Cereals | Oilseeds | Pulses | Commercial Crops | Vegetables | Fruits | Flower | Plantation crops | Tuber Crops | TOTAL |
|--------------------------------|---------|----------|--------|------------------|------------|--------|--------|------------------|-------------|-------|
| Varietal Evaluation | 1 | 3 | 1 | 1 | - | - | - | - | - | 6 |
| Seed / Plant production | - | - | - | - | - | - | - | - | - | - |
| Weed Management | - | - | - | - | - | - | - | - | - | - |
| Integrated Crop Management | - | - | - | - | - | - | - | - | - | - |
| Integrated Nutrient Management | - | - | - | - | - | - | - | - | - | - |
| Integrated Farming System | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Mushroom cultivation | - | - | - | - | - | - | - | - | - | - |
| Drudgery reduction | - | - | - | - | - | - | - | - | - | - |
| Farm machineries | - | - | - | - | - | - | - | - | - | - |
| Post Harvest Technology | - | - | - | - | - | - | - | - | - | - |
| Integrated Pest Management | - | - | - | - | - | - | - | - | - | - |
| Integrated Disease Management | - | 1 | - | - | - | - | - | - | - | 1 |
| Resource conservation technology | - | 1 | - | - | - | - | - | - | - | 1 |
| Small Scale income generating enterprises | - | - | - | - | - | - | - | - | - | - |
| TOTAL | 1 | 5 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 8 |

A.3. Abstract on the number of technologies **assessed** in respect of livestock / enterprises :
NIL

| Thematic areas | Cattle | Poultry | Sheep | Goat | 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 | | | | | | | | |

A.4. Abstract on the number of technologies **refined** in respect of livestock / enterprises:

NIL

| Thematic areas | Cattle | Poultry | Sheep | Goat | 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 | | | | | | | | |

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

On Farm Trial: 1

1. Title of on-farm trials

Application method of *Trichoderma* against stem rot disease in groundnut

2. Problem diagnose

Farmers are either not using fungicides or using fungicides in improper way for seed treatment to protect the crop against soil/seed borne diseases.

- Reasons for low yield of groundnut
 1. Lower plant population
 2. Disease infestation
 3. Lack of awareness about recommended package of practices

Details of technologies selected for assessment/refinement

Technology: Application of *Trichoderma*, a biological agent for management of stem rot disease in groundnut.

- Mix *Trichoderma* @ 2.5 kg/ha with castor cake @ 500 kg/ha at the time of sowing

Intervention:

Method of application of *Trichoderma*, a biological agent for management of stem rot disease in groundnut.

- Mix *Trichoderma* @ 2.5 kg/ha with 50 kg fine sand and side application of groundnut row 30 days after sowing in moist condition

4. Source of technology

Recommended by Junagadh Agricultural University

5. Production system and thematic area

- Rainfed Production System
- Biological control of stem rot in groundnut

6. Performance of the Technology with performance indicators

- *Trichoderma harzianum* suppresses the growth of causal organism- *Sclerotium rolfsii*.
- Decrease in Disease index

7. Final recommendation for micro level situation: Awaited

8. Constraints identified and feedback for research: Nil

9. Process of farmers participation: Training and different extension activities

Farmers' reaction: Satisfactory

On Farm Trial: 2

1. Title of on-farm trials

In situ Soil moisture conservation practices for rainfed groundnut

2. Problem diagnose

Farmers are not aware of in situ moisture conservation practices and importance of proper tillage practices.

Reasons for low yield of groundnut

1. Improper Tillage
2. Erratic rainfall and lack of moisture conservation practices
3. Lack of awareness about recommended package of practices

3. Details of technologies selected for assessment/refinement

Technology:

Optimum tillage practice for moisture conservation in rainfed groundnut.

Deep tillage with 2-4 inter culturing (Recommended Practice).

Intervention:

Medium tillage with 4-5 inter culturing (intervention)

4. Source of technology

Recommended by Junagadh Agricultural University

5. Production system and thematic area

- Rainfed Production System
- *In situ* moisture conservation

6. Performance of the Technology with performance indicators

- *In situ* moisture conservation reduces stress during the dry spell.
- Moisture content
- Growth and Yield

7. Final recommendation for micro level situation: Awaited

8. Constraints identified and feedback for research: Nil

9. Process of farmers participation: Training and different extension activities

Farmers' reaction: Satisfactory

C. Results of On Farm Trials: **Awaited**

| Crop/enterprise | Farming situation | Problem Diagnosed | 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 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

* No. of farmers

| Technology Assessed / Refined | *Production per unit | Net Return (Profit) in Rs. / unit | BC Ratio |
|-------------------------------|----------------------|-----------------------------------|----------|
| 13 | 14 | 15 | 16 |
| Farmer's practice** | | | |
| Technology assessed** | | | |
| Technology refined** | | | |

*Field crops – kg/ha, * for horticultural crops -= kg/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 2006-07 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 |
| 1 | Varietal evaluation | Improved Varieties | Result demonstration | 32 | 88 | 39 |

* 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.**)**Cereals:**

| 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 | Wheat | Varietal evaluation | Improved variety and package of practices | Rabi-2006 | 10 | 10 | - | 25 | 25 | Nil |

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 | | | | | |
| Wheat | Rabi 06 | Irrigated | Medium Black | Low | medium | high | Groundnut | 7/1106to 28/11/06 | 27/2/07 to12/3/07 | 727 | 29 |

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 | Wheat | Improved variety and Package of practices | GW-496 | 25 | 10 | 56.2 | 44.7 | 49.2 | 44.6 | 10.3 | - | - |

| 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 |
| 21400 | 23100 | 41828 | 37927 | 20428 | 14827 | 1:1.9 |

Horticultural 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 | Cumin | Varietal evaluation | Improved variety and package of practices | Rabi-2006 | 10 | 10 | - | 25 | 25 | Nil |

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 | | | | | |
| Cumin | Rabi 06 | Irrigated | Medium Black | Low | medium | high | Groundnut | 7/1106to 27/11/06 | 15/2/07 to06/3/07 | 727 | 29 |

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 | Cumin | Improved variety and Package of practices | GC-4 | 25 | 10 | 13.9 | 10.9 | 12.1 | 10.8 | 12.4 | - | - |

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

| 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 |
| 16250 | 17200 | 72780 | 64740 | 56530 | 47540 | 1:4.5 |

Oilseed 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 | Castor | Varietal evaluation | Improved variety and package of practices | Kharif 2006 | 5 | 5 | - | 10 | 10 | Nil |
| 2 | Mustard | Varietal evaluation | Improved variety and package of practices | Rabi-2006 | 5 | 4 | - | 8 | 8 | Less adoption of this crop |

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 | | | | | |
| Castor | Kharif 06 | Irrigated | Medium Black | Low | medium | high | Wheat /castor | 27/806 to 5/9/06 | 03/3/07 to 12/3/07 | 727 | 29 |
| Mustard | Rabi-06 | Irrigated | Medium Black | Low | medium | high | Groundnut | 7/1106 to 20/11/06 | 20/2/07 to 3/3/07 | 727 | 29 |

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 | Castor | Improved variety and Package of practices | GCH-6 | 10 | 5 | 27.8 | 23.7 | 26.6 | 23.6 | 10.9 | - | - |
| 1 | Mustard | Improved variety and Package of practices | GM-2 | 8 | 4 | 26.5 | 22.2 | 23.9 | 21.6 | 12.5 | - | - |

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

| 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 |
| 19500 | 20300 | 47898 | 42552 | 28398 | 22252 | 1:2.4 |
| 15400 | 16200 | 40596 | 36771 | 25196 | 20571 | 1:2.6 |

Pulses:

| 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 | Gram | Varietal evaluation | Improved variety and package of practices | Rabi-2006 | 10 | 10 | - | 20 | 20 | Nil |

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 | | | | | |
| Gram | Rabi-06 | Rainfed | Medium Black | Low | medium | high | - | 21/10/06 to 7/11/06 | 20/1/07 to 28/2/07 | 727 | 29 |

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 | Gram | Improved variety and Package of practices | GG-2 | 20 | 10 | 17.5 | 13.0 | 14.3 | 12.7 | 12.5 | - | - |

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 |
| 12300 | 12000 | 28520 | 25340 | 16220 | 13340 | 1:2.32 |

Analytical Review of component demonstrations : **Nil**
(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 | | | | |
| | | 2. Bio-fertilizer | | | | |
| | | 3. Fertilizer management | | | | |
| | | 4. Plant Protection | | | | |
| | | 5. Combination of components (Please specify) | | | | |

Technical Feedback on the demonstrated technologies

| S. No | Feed Back |
|-------|--|
| 1 | Creating awareness among the farmers about improved/high yielding varieties of the related crops |
| 2 | To lead the farmers from traditional agriculture to scientific agriculture by the use of recommended/improved package of practices and ultimately reduce the cost of cultivation |
| 3 | To create awareness about Integrated Pest & Disease Management by the proper use of insecticide/fungicides as well as bio agents/bio pesticides |

Farmers' reactions on specific technologies

| S. No | Feed Back |
|-------|--|
| 1 | New varieties are good and can give higher yield with proper management practices |
| 2 | If the seeds of the new varieties are generously available in Govt. Agencies, they are interested in sowing of new varieties |
| 3 | Cumin crop is most susceptible to diurnal environmental changes and attacked by diseases |

Extension and Training activities under FLD

| Sl.No. | Activity | No. of activities organised | Date | Number of participants | Remarks |
|--------|--------------------------------------|-----------------------------|--|------------------------|---------|
| 1 | Field days | 4 | 19/12/06 09/01/07 17/01/07 08/02/07 | 93 | - |
| 2 | Farmers Training | 4 | 05/10/06 18/10/06 08/12/06 09/12/06 | 114 | - |
| 3 | Media coverage | - | - | - | - |
| 4 | Training for extension functionaries | - | - | - | - |

c. Details of FLD on Enterprises

(i) Farm Implements: **Nil**

| 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: **Nil**

| 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: **Nil**

| Enterprise | Variety/ breed/Species/others | No. of farmers | No. of Units | Performance parameters / indicators | Data on parameter in relation to technology demonstrated | | % change in the parameter | Remarks |
|---------------|-------------------------------|----------------|--------------|-------------------------------------|--|-------------|---------------------------|---------|
| | | | | | Demon. | Local check | | |
| Mushroom | | | | | | | | |
| Apiary | | | | | | | | |
| Sericulture | | | | | | | | |
| Vermi compost | | | | | | | | |

3.3 Achievements on Training (Including the sponsored and FLD training programmes):

A) ON Campus

| Thematic Area | No. of Courses | No. of Participants | | | | | | | Grand Total |
|---|----------------|---------------------|--------|-------|-------|--------|-------|---|-------------|
| | | Others | | | SC/ST | | | | |
| | | Male | Female | Total | Male | Female | Total | | |
| (A) Farmers & Farm Women | | | | | | | | | |
| I Crop Production | | | | | | | | | |
| Weed Management | - | - | - | - | - | - | - | - | - |
| Resource Conservation Technologies | - | - | - | - | - | - | - | - | - |
| Cropping Systems | 1 | 16 | 16 | 3 | 0 | 3 | 19 | | |
| Crop Diversification | - | - | - | - | - | - | - | - | - |
| Integrated Farming | - | - | - | - | - | - | - | - | - |
| Water management | 1 | 15 | 15 | 5 | | 5 | 20 | | |
| Seed production | - | - | - | - | - | - | - | - | - |
| Nursery management | - | - | - | - | - | - | - | - | - |
| Integrated Crop Management | 2 | 38 | 38 | 5 | | 5 | 43 | | |
| Fodder production | - | - | - | - | - | - | - | - | - |
| Production of organic inputs | - | - | - | - | - | - | - | - | - |
| II Horticulture | | | | | | | | | |
| a) Vegetable Crops | | | | | | | | | |
| Production of low volume and high value crops | - | - | - | - | - | - | - | - | - |
| Off-season vegetables | - | - | - | - | - | - | - | - | - |

| | | | | | | | | |
|---|---|----|---|----|---|---|---|----|
| Nursery raising | 1 | 14 | | 14 | 4 | | 4 | 18 |
| Exotic vegetables like Broccoli | - | - | - | - | - | - | - | - |
| Export potential vegetables | - | - | - | - | - | - | - | - |
| Grading and standardization | | | | | | | | |
| Protective cultivation (Green Houses, Shade Net etc.) | - | - | - | - | - | - | - | - |
| b) Fruits | | | | | | | | |
| Training and Pruning | - | - | - | - | - | - | - | - |
| Layout and Management of Orchards | - | - | - | - | - | - | - | - |
| Cultivation of Fruit | - | - | - | - | - | - | - | - |
| Management of young plants/orchards | - | - | - | - | - | - | - | - |
| Rejuvenation of old orchards | - | - | - | - | - | - | - | - |
| Export potential fruits | - | - | - | - | - | - | - | - |
| Micro irrigation systems 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 | 3 | 71 | | 71 | 7 | | 7 | 78 |
| Soil and Water Conservation | 1 | 18 | | 18 | | | | 18 |
| Integrated Nutrient Management | 1 | 15 | | 15 | 2 | | 2 | 17 |
| Production and use of organic inputs | - | - | - | - | - | - | - | - |
| Management of Problematic soils | - | - | - | - | - | - | - | - |
| Micro nutrient deficiency in crops | - | - | - | - | - | - | - | - |
| Nutrient Use Efficiency | - | - | - | - | - | - | - | - |
| Soil and Water Testing | - | - | - | - | - | - | - | - |
| IV Livestock Production and Management | | | | | | | | |
| Dairy Management | - | - | - | - | - | - | - | - |
| Poultry Management | - | - | - | - | - | - | - | - |
| Piggery Management | - | - | - | - | - | - | - | - |
| Rabbit Management | - | - | - | - | - | - | - | - |
| Disease Management | - | - | - | - | - | - | - | - |
| Feed management | - | - | - | - | - | - | - | - |
| Production of quality animal products | - | - | - | - | - | - | - | - |

| V Home Science/Women empowerment | | | | | | | | |
|--|---|----|----|----|----|---|----|----|
| Household food security by kitchen gardening and nutrition gardening | - | - | - | - | - | - | - | - |
| Design and development of low/minimum cost diet | - | - | - | - | - | - | - | - |
| Designing and development for high nutrient efficiency diet | - | - | - | - | - | - | - | - |
| Minimization of nutrient loss in processing | - | - | - | - | - | - | - | - |
| Gender mainstreaming through SHGs | - | - | - | - | - | - | - | - |
| Storage loss minimization techniques | - | - | - | - | - | - | - | - |
| Value addition | - | - | - | - | - | - | - | - |
| Income generation activities for empowerment of rural Women | - | - | - | - | - | - | - | - |
| Location specific drudgery reduction technologies | - | - | - | - | - | - | - | - |
| Rural Crafts | 1 | | 13 | 13 | | 5 | 5 | 18 |
| Women and child care | - | - | - | - | - | - | - | - |
| VI Agril. Engineering | | | | | | | | |
| Installation and maintenance of micro irrigation systems | 1 | 17 | | 17 | | | | 17 |
| Use of Plastics in farming practices | - | - | - | - | - | - | - | - |
| Production of small tools and implements | - | - | - | - | - | - | - | - |
| Repair and maintenance of farm machinery and implements | 1 | 16 | | 16 | 3 | | 3 | 19 |
| Small scale processing and value addition | - | - | - | - | - | - | - | - |
| Post Harvest Technology | - | - | - | - | - | - | - | - |
| VII Plant Protection | | | | | | | | |
| Integrated Pest Management | 3 | 42 | | 42 | 12 | | 12 | 54 |
| Integrated Disease Management | 3 | 46 | | 46 | 11 | | 11 | 57 |
| Bio-control of pests and diseases | 1 | 24 | | 24 | 2 | | 2 | 26 |
| Production of bio control agents and bio pesticides | 1 | 16 | | 16 | 1 | | 1 | 17 |
| VIII Fisheries | | | | | | | | |
| Integrated fish farming | - | - | - | - | - | - | - | - |
| Carp breeding and hatchery management | - | - | - | - | - | - | - | - |
| Carp fry and fingerling rearing | - | - | - | - | - | - | - | - |
| Composite fish culture | - | - | - | - | - | - | - | - |
| 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 | - | - | - | - | - | - | - | - |
| IX Production of Inputs at site | | | | | | | | |
| Seed Production | - | - | - | - | - | - | - | - |
| Planting material production | - | - | - | - | - | - | - | - |
| Bio-agents production | - | - | - | - | - | - | - | - |
| Bio-pesticides production | - | - | - | - | - | - | - | - |
| Bio-fertilizer production | - | - | - | - | - | - | - | - |
| Vermi-compost production | - | - | - | - | - | - | - | - |
| Organic manures production | - | - | - | - | - | - | - | - |

| | | | | | | | | |
|---|---|----|---|----|---|---|---|----|
| 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 | - | - | - | - | - | - | - | - |
| 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 | - | - | - | - | - | - | - | - |
| XI Agro-forestry | | | | | | | | |
| Production technologies | - | - | - | - | - | - | - | - |
| Nursery management | - | - | - | - | - | - | - | - |
| Integrated Farming Systems | - | - | - | - | - | - | - | - |
| XII Others (Pl. Specify) | | | | | | | | |
| TOTAL | | | | | | | | |
| (B) RURAL YOUTH | | | | | | | | |
| Mushroom Production | - | - | - | - | - | - | - | - |
| Bee-keeping | - | - | - | - | - | - | - | - |
| Integrated farming | - | - | - | - | - | - | - | - |
| Seed production | - | - | - | - | - | - | - | - |
| Production of organic inputs | - | - | - | - | - | - | - | - |
| Integrated Farming | - | - | - | - | - | - | - | - |
| Planting material production | - | - | - | - | - | - | - | - |
| Vermi-culture | 1 | 18 | | 18 | | | | 18 |
| 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 | - | - | - | - | - | - | - | - |
| TOTAL | 1 | 18 | | 18 | - | - | - | 18 |
| (C) Extension Personnel | | | | | | | | |
| Productivity enhancement in field crops | - | - | - | - | - | - | - | - |
| Integrated Pest Management | - | - | - | - | - | - | - | - |
| 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 | - | - | - | - | - | - | - | - |
| Gender mainstreaming through SHGs | - | - | - | - | - | - | - | - |
| Any other (Pl. Specify) | - | - | - | - | - | - | - | - |
| TOTAL | 22 | 366 | 13 | 379 | 55 | 5 | 60 | 439 |

B) OFF Campus

| Thematic Area | No. of Courses | No. of Participants | | | | | | Grand Total |
|---|----------------|---------------------|--------|-------|-------|--------|-------|-------------|
| | | Others | | | SC/ST | | | |
| | | Male | Female | Total | Male | Female | Total | |
| (A) Farmers & Farm Women | | | | | | | | |
| I Crop Production | | | | | | | | |
| Weed Management | - | - | - | - | - | - | - | - |
| Resource Conservation Technologies | - | - | - | - | - | - | - | - |
| Cropping Systems | 1 | 17 | 1 | 18 | 4 | 1 | 5 | 23 |
| Crop Diversification | 1 | 17 | 1 | 18 | 1 | 1 | 2 | 20 |
| Integrated Farming | - | - | - | - | - | - | - | - |
| Water management | 2 | 33 | 3 | 36 | 2 | 1 | 3 | 39 |
| Seed production | - | - | - | - | - | - | - | - |
| Nursery management | - | - | - | - | - | - | - | - |
| Integrated Crop Management | 3 | 56 | 5 | 61 | 7 | 2 | 9 | 70 |
| Fodder production | - | - | - | - | - | - | - | - |
| Production of organic inputs | - | - | - | - | - | - | - | - |
| II Horticulture | | | | | | | | |
| a) Vegetable Crops | | | | | | | | |
| Production of low volume and high value crops | - | - | - | - | - | - | - | - |
| Off-season vegetables | 1 | 24 | 6 | 30 | 7 | 1 | 8 | 38 |
| Nursery raising | - | - | - | - | - | - | - | - |
| Exotic vegetables like Broccoli | - | - | - | - | - | - | - | - |

| | | | | | | | | |
|---|---|----|---|----|---|---|---|----|
| Export potential vegetables | - | - | - | - | - | - | - | - |
| Grading and standardization | - | - | - | - | - | - | - | - |
| Protective cultivation (Green Houses, Shade Net etc.) | - | - | - | - | - | - | - | - |
| b) Fruits | | | | | | | | |
| Training and Pruning | - | - | - | - | - | - | - | - |
| Layout and Management of Orchards | - | - | - | - | - | - | - | - |
| Cultivation of Fruit | - | - | - | - | - | - | - | - |
| Management of young plants/orchards | - | - | - | - | - | - | - | - |
| Rejuvenation of old orchards | - | - | - | - | - | - | - | - |
| Export potential fruits | - | - | - | - | - | - | - | - |
| Micro irrigation systems of orchards | - | - | - | - | - | - | - | - |
| Plant propagation techniques | - | - | - | - | - | - | - | - |
| c) Ornamental Plants | | | | | | | | |
| Nursery Management | - | - | - | - | - | - | - | - |
| Management of potted plants | - | - | - | - | - | - | - | - |
| Export potential of ornamental plants | 1 | 12 | | 12 | 2 | | 2 | 14 |
| 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 | 3 | 72 | | 72 | 9 | | 9 | 81 |
| Soil and Water Conservation | - | - | - | - | - | - | - | - |
| Integrated Nutrient Management | 1 | 20 | | 20 | 2 | | 2 | 22 |
| Production and use of organic inputs | - | - | - | - | - | - | - | - |
| Management of Problematic soils | - | - | - | - | - | - | - | - |
| Micro nutrient deficiency in crops | - | - | - | - | - | - | - | - |
| Nutrient Use Efficiency | - | - | - | - | - | - | - | - |
| Soil and Water Testing | - | - | - | - | - | - | - | - |
| IV Livestock Production and Management | | | | | | | | |
| Dairy Management | | | | | | | | |

| | | | | | | | | |
|--|---|-----|----|-----|----|----|----|-----|
| Poultry Management | - | - | - | - | - | - | - | - |
| Piggery Management | - | - | - | - | - | - | - | - |
| Rabbit Management | - | - | - | - | - | - | - | - |
| Disease Management | - | - | - | - | - | - | - | - |
| Feed management | - | - | - | - | - | - | - | - |
| Production of quality animal products | - | - | - | - | - | - | - | - |
| V Home Science/Women empowerment | | | | | | | | |
| Household food security by kitchen gardening and nutrition gardening | - | - | - | - | - | - | - | - |
| Design and development of low/minimum cost diet | - | - | - | - | - | - | - | - |
| Designing and development for high nutrient efficiency diet | - | - | - | - | - | - | - | - |
| Minimization of nutrient loss in processing | - | - | - | - | - | - | - | - |
| Gender mainstreaming through SHGs | - | - | - | - | - | - | - | - |
| Storage loss minimization techniques | - | - | - | - | - | - | - | - |
| Value addition | 1 | | 22 | 22 | | 8 | 8 | 30 |
| Income generation activities for empowerment of rural Women | 3 | | 73 | 73 | | 24 | 24 | 97 |
| Location specific drudgery reduction technologies | - | - | - | - | - | - | - | - |
| Rural Crafts | - | - | - | - | - | - | - | - |
| Women and child care | - | - | - | - | - | - | - | - |
| VI Agril. Engineering | | | | | | | | |
| Installation and maintenance of micro irrigation systems | 2 | 39 | 6 | 45 | 10 | 0 | 10 | 55 |
| Use of Plastics in farming practices | - | - | - | - | - | - | - | - |
| Production of small tools and implements | - | - | - | - | - | - | - | - |
| Repair and maintenance of farm machinery and implements | 3 | 52 | 3 | 55 | 16 | | 16 | 71 |
| Small scale processing and value addition | - | - | - | - | - | - | - | - |
| Post Harvest Technology | 1 | 26 | 1 | 27 | 5 | 2 | 7 | 34 |
| VII Plant Protection | | | | | | | | |
| Integrated Pest Management | 6 | 133 | 12 | 145 | 15 | 5 | 20 | 165 |
| Integrated Disease Management | 7 | 144 | 7 | 151 | 18 | 7 | 25 | 176 |
| Bio-control of pests and diseases | 1 | 18 | 2 | 20 | 5 | 1 | 6 | 26 |
| Production of bio control agents and bio pesticides | - | - | - | - | - | - | - | - |
| VIII Fisheries | | | | | | | | |
| Integrated fish farming | 2 | 86 | 6 | 92 | | | | 92 |
| Carp breeding and hatchery management | - | - | - | - | - | - | - | - |
| Carp fry and fingerling rearing | - | - | - | - | - | - | - | - |
| Composite fish culture | | | | | | | | |
| Hatchery management and culture of freshwater prawn | 2 | 73 | | 73 | | | | 73 |
| Breeding and culture of ornamental fishes | - | - | - | - | - | - | - | - |
| Portable plastic carp | - | - | - | - | - | - | - | - |

| | | | | | | | | |
|---|---|----|---|----|---|---|---|----|
| hatchery | | | | | | | | |
| Pen culture of fish and prawn | - | - | - | - | - | - | - | - |
| Shrimp farming | 2 | 61 | | 61 | | | | 61 |
| Edible oyster farming | - | - | - | - | - | - | - | - |
| Pearl culture | - | - | - | - | - | - | - | - |
| Fish processing and value addition | 1 | 10 | 6 | 16 | | | | 16 |
| IX Production of Inputs at site | | | | | | | | |
| Seed Production | - | - | - | - | - | - | - | - |
| Planting material production | - | - | - | - | - | - | - | - |
| Bio-agents production | - | - | - | - | - | - | - | - |
| Bio-pesticides production | - | - | - | - | - | - | - | - |
| Bio-fertilizer production | - | - | - | - | - | - | - | - |
| Vermi-compost production | - | - | - | - | - | - | - | - |
| Organic manures production | - | - | - | - | - | - | - | - |
| 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 | - | - | - | - | - | - | - | - |
| 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 | - | - | - | - | - | - | - | - |
| XI Agro-forestry | | | | | | | | |
| Production technologies | - | - | - | - | - | - | - | - |
| Nursery management | - | - | - | - | - | - | - | - |
| Integrated Farming Systems | - | - | - | - | - | - | - | - |
| XII Others (Pl. Specify) | | | | | | | | |
| TOTAL | | | | | | | | |
| (B) RURAL YOUTH | | | | | | | | |
| Mushroom Production | - | - | - | - | - | - | - | - |
| Bee-keeping | - | - | - | - | - | - | - | - |
| Integrated farming | - | - | - | - | - | - | - | - |
| Seed production | - | - | - | - | - | - | - | - |
| Production of organic inputs | - | - | - | - | - | - | - | - |
| Integrated Farming | - | - | - | - | - | - | - | - |
| Planting material production | - | - | - | - | - | - | - | - |
| Vermi-culture | - | - | - | - | - | - | - | - |
| 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 | - | - | - | - | - | - | - | - |
| TOTAL | | | | | | | | |
| | | | | | | | | |
| (C) Extension Personnel | | | | | | | | |
| Productivity enhancement in field crops | - | - | - | - | - | - | - | - |
| Integrated Pest Management | - | - | - | - | - | - | - | - |
| 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 | - | - | - | - | - | - | - | - |
| Gender mainstreaming through SHGs | - | - | - | - | - | - | - | - |
| Any other (Pl. Specify) | - | - | - | - | - | - | - | - |
| TOTAL | 44 | 893 | 154 | 1047 | 103 | 53 | 156 | 1203 |

C) Consolidated table (ON and OFF Campus)

| Thematic Area | No. of Courses | No. of Participants | | | | | | Grand Total |
|---|----------------|---------------------|--------|-------|-------|--------|-------|-------------|
| | | Others | | | SC/ST | | | |
| | | Male | Female | Total | Male | Female | Total | |
| (A) Farmers & Farm Women | | | | | | | | |
| I Crop Production | | | | | | | | |
| Weed Management | - | - | - | - | - | - | - | - |
| Resource Conservation Technologies | - | - | - | - | - | - | - | - |
| Cropping Systems | 2 | 33 | 1 | 34 | 7 | 1 | 8 | 42 |
| Crop Diversification | 1 | 17 | 1 | 18 | 1 | 1 | 2 | 20 |
| Integrated Farming | - | - | - | - | - | - | - | - |
| Water management | 3 | 48 | 3 | 51 | 7 | 1 | 8 | 59 |
| Seed production | - | - | - | - | - | - | - | - |
| Nursery management | - | - | - | - | - | - | - | - |
| Integrated Crop Management | 5 | 94 | 5 | 99 | 12 | 2 | 14 | 113 |
| Fodder production | - | - | - | - | - | - | - | - |
| Production of organic inputs | - | - | - | - | - | - | - | - |
| II Horticulture | | | | | | | | |
| a) Vegetable Crops | | | | | | | | |
| Production of low volume and high value crops | - | - | - | - | - | - | - | - |
| Off-season vegetables | 1 | 24 | 6 | 30 | 7 | 1 | 8 | 38 |
| Nursery raising | 1 | 14 | 0 | 14 | 4 | 0 | 4 | 18 |
| Exotic vegetables like Broccoli | - | - | - | - | - | - | - | - |
| Export potential vegetables | - | - | - | - | - | - | - | - |
| Grading and standardization | - | - | - | - | - | - | - | - |
| Protective cultivation (Green Houses, Shade Net etc.) | - | - | - | - | - | - | - | - |
| b) Fruits | | | | | | | | |
| Training and Pruning | - | - | - | - | - | - | - | - |
| Layout and Management of Orchards | - | - | - | - | - | - | - | - |
| Cultivation of Fruit | - | - | - | - | - | - | - | - |
| Management of young plants/orchards | - | - | - | - | - | - | - | - |
| Rejuvenation of old orchards | - | - | - | - | - | - | - | - |
| Export potential fruits | - | - | - | - | - | - | - | - |
| Micro irrigation systems of orchards | - | - | - | - | - | - | - | - |
| Plant propagation techniques | - | - | - | - | - | - | - | - |
| c) Ornamental Plants | | | | | | | | |
| Nursery Management | - | - | - | - | - | - | - | - |
| Management of potted plants | - | - | - | - | - | - | - | - |
| Export potential of ornamental plants | 1 | 12 | 0 | 12 | 2 | 0 | 2 | 14 |
| 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 | 6 | 143 | 0 | 143 | 16 | 0 | 16 | 159 |
| Soil and Water Conservation | 1 | 18 | 0 | 18 | 0 | 0 | 0 | 18 |
| Integrated Nutrient Management | 2 | 35 | 0 | 35 | 4 | 0 | 4 | 39 |
| Production and use of organic inputs | - | - | - | - | - | - | - | - |
| Management of Problematic soils | - | - | - | - | - | - | - | - |
| Micro nutrient deficiency in crops | - | - | - | - | - | - | - | - |
| Nutrient Use Efficiency | - | - | - | - | - | - | - | - |
| Soil and Water Testing | - | - | - | - | - | - | - | - |
| IV Livestock Production and Management | | | | | | | | |
| Dairy Management | - | - | - | - | - | - | - | - |
| Poultry Management | - | - | - | - | - | - | - | - |
| Piggery Management | - | - | - | - | - | - | - | - |
| Rabbit Management | - | - | - | - | - | - | - | - |
| Disease Management | - | - | - | - | - | - | - | - |
| Feed management | - | - | - | - | - | - | - | - |
| Production of quality animal products | - | - | - | - | - | - | - | - |
| V Home Science/Women empowerment | | | | | | | | |
| Household food security by kitchen gardening and nutrition gardening | - | - | - | - | - | - | - | - |
| Design and development of low/minimum cost diet | - | - | - | - | - | - | - | - |
| Designing and development for high nutrient efficiency diet | - | - | - | - | - | - | - | - |
| Minimization of nutrient loss in processing | - | - | - | - | - | - | - | - |
| Gender mainstreaming through SHGs | - | - | - | - | - | - | - | - |
| Storage loss minimization techniques | - | - | - | - | - | - | - | - |
| Value addition | 1 | 0 | 22 | 22 | 0 | 8 | 8 | 30 |
| Income generation activities for empowerment of rural Women | 3 | 0 | 73 | 73 | 0 | 24 | 24 | 97 |
| Location specific drudgery reduction technologies | - | - | - | - | - | - | - | - |
| Rural Crafts | 1 | 0 | 13 | 13 | 0 | 5 | 5 | 18 |
| Women and child care | - | - | - | - | - | - | - | - |
| VI Agril. Engineering | | | | | | | | |
| Installation and maintenance of micro irrigation systems | 3 | 56 | 6 | 62 | 10 | 0 | 10 | 72 |
| Use of Plastics in farming practices | - | - | - | - | - | - | - | - |
| Production of small tools and implements | - | - | - | - | - | - | - | - |
| Repair and maintenance of farm machinery and implements | 4 | 68 | 3 | 71 | 19 | 0 | 19 | 90 |
| Small scale processing and value addition | - | - | - | - | - | - | - | - |
| Post Harvest Technology | 1 | 26 | 1 | 27 | 5 | 2 | 7 | 34 |
| VII Plant Protection | | | | | | | | |
| Integrated Pest Management | 9 | 175 | 12 | 187 | 27 | 5 | 32 | 219 |
| Integrated Disease Management | 10 | 190 | 7 | 197 | 29 | 7 | 36 | 233 |
| Bio-control of pests and diseases | 2 | 42 | 2 | 44 | 7 | 1 | 8 | 52 |
| Production of bio control agents and bio pesticides | 1 | 16 | 0 | 16 | 1 | 0 | 1 | 17 |

| | | | | | | | | |
|---|---|----|---|----|---|---|---|----|
| VIII Fisheries | | | | | | | | |
| Integrated fish farming | 2 | 86 | 6 | 92 | 0 | 0 | 0 | 92 |
| Carp breeding and hatchery management | - | - | - | - | - | - | - | - |
| Carp fry and fingerling rearing | - | - | - | - | - | - | - | - |
| Composite fish culture | - | - | - | - | - | - | - | - |
| Hatchery management and culture of freshwater prawn | 2 | 73 | 0 | 73 | 0 | 0 | 0 | 73 |
| Breeding and culture of ornamental fishes | - | - | - | - | - | - | - | - |
| Portable plastic carp hatchery | - | - | - | - | - | - | - | - |
| Pen culture of fish and prawn | - | - | - | - | - | - | - | - |
| Shrimp farming | 2 | 61 | 0 | 61 | 0 | 0 | 0 | 61 |
| Edible oyster farming | - | - | - | - | - | - | - | - |
| Pearl culture | - | - | - | - | - | - | - | - |
| Fish processing and value addition | 1 | 10 | 6 | 16 | 0 | 0 | 0 | 16 |
| IX Production of Inputs at site | | | | | | | | |
| Seed Production | - | - | - | - | - | - | - | - |
| Planting material production | - | - | - | - | - | - | - | - |
| Bio-agents production | - | - | - | - | - | - | - | - |
| Bio-pesticides production | - | - | - | - | - | - | - | - |
| Bio-fertilizer production | - | - | - | - | - | - | - | - |
| Vermi-compost production | - | - | - | - | - | - | - | - |
| Organic manures production | - | - | - | - | - | - | - | - |
| 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 | - | - | - | - | - | - | - | - |
| 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 | - | - | - | - | - | - | - | - |
| XI Agro-forestry | | | | | | | | |
| Production technologies | - | - | - | - | - | - | - | - |
| Nursery management | - | - | - | - | - | - | - | - |
| Integrated Farming Systems | - | - | - | - | - | - | - | - |
| XII Others (Pl. Specify) | | | | | | | | |
| TOTAL | | | | | | | | |
| (B) RURAL YOUTH | | | | | | | | |
| Mushroom Production | - | - | - | - | - | - | - | - |
| Bee-keeping | - | - | - | - | - | - | - | - |
| Integrated farming | - | - | - | - | - | - | - | - |
| Seed production | - | - | - | - | - | - | - | - |
| Production of organic inputs | - | - | - | - | - | - | - | - |
| Integrated Farming | - | - | - | - | - | - | - | - |
| Planting material production | - | - | - | - | - | - | - | - |
| Vermi-culture | 1 | 18 | 0 | 18 | 0 | 0 | 0 | 18 |
| 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 | | | | | | | | |
| TOTAL | | | | | | | | |
| | | | | | | | | |
| (C) Extension Personnel | | | | | | | | |
| Productivity enhancement in field crops | - | - | - | - | - | - | - | - |
| Integrated Pest Management | - | - | - | - | - | - | - | - |
| 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 | - | - | - | - | - | - | - | - |
| Gender mainstreaming through SHGs | - | - | - | - | - | - | - | - |
| Any other (Pl. Specify) | - | - | - | - | - | - | - | - |
| TOTAL | 66 | 1259 | 167 | 1426 | 158 | 58 | 216 | 1642 |

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 | | | | | |
|------------|-----------|---|------------------|------------------------|------------------------|----|----|---|---|---|
| | | | | | M | F | T | M | F | T |
| 06/11/2006 | PF | Improved cultivation practices for gram | 1 | On Campus | 40 | | 40 | 6 | | 6 |
| 06/12/2006 | PF | Improved cultivation practices for cumin | 1 | do | 18 | | 18 | | | |
| 12/12/2006 | PF | Improved cultivation practices for wheat | 1 | do | 19 | | 19 | 2 | | 2 |
| 15/12/2006 | PF | Intergraded Pest & Disease management in cumin | 1 | do | 17 | | 17 | | | |
| 22/12/2006 | PF | Intergraded Pest & Disease management in gram | 1 | do | 16 | | 16 | 4 | | 4 |
| 26/12/2006 | PF | Intergraded Pest & Disease management in wheat | 1 | do | 19 | | 19 | | | |
| 06/01/2007 | PF | Use of conserved soil moisture in Ghed Area | 1 | do | 18 | | 18 | 6 | | 6 |
| 12/01/2007 | RY | Technique for vermi composting | 1 | do | 18 | | 18 | 4 | | 4 |
| 09/02/2007 | PF | Water management in summer G. nut | 1 | do | 20 | | 20 | | | |
| 03/03/2007 | PF | Self preparation of Bio-pesticide | 1 | do | 17 | | 17 | 1 | | 1 |
| 09/03/2007 | PF | Integrated Pest Management in Vegetables | 1 | do | 16 | | 16 | 5 | | 5 |
| 12/03/2007 | PF | Groundnut Production Technology | 1 | do | 17 | | 17 | 3 | | 3 |
| 05/04/2007 | PF | Profitable Cotton Production Technology | 1 | do | 23 | | 23 | 1 | | 1 |
| 05/05/2007 | PF | Roll of Inter Cropping in rain fed areas. | 1 | do | 23 | | 23 | 3 | | 3 |
| 11/05/2007 | PF | Integrated Nutrient Management in Kharif Crops | 1 | do | 17 | | 17 | 2 | | 2 |
| 02/06/2007 | PF | Pest & Diseases Management in Groundnut | 1 | do | 21 | | 21 | 1 | | 1 |
| 06/06/2007 | PF | Biological control of pest & diseases | 1 | do | 26 | | 26 | 2 | | 2 |
| 15/06/2007 | PF | Stem rot control by Trichoderma | 1 | do | 20 | | 20 | 5 | | 5 |
| 04/08/2007 | FW | Embroidery, tailoring and cutting | 1 | do | 0 | 18 | 18 | | 5 | 5 |
| 20/08/2007 | PF | Intercropping in groundnut | 1 | do | 19 | | 19 | 3 | | 3 |
| 05/09/2007 | PF | Use of improved farm implements | 1 | do | 19 | | 19 | 3 | | 3 |
| 15/09/2007 | PF | Nursery raising in vegetable crops | 1 | do | 18 | | 18 | 4 | | 4 |
| 03/10/2006 | PF | Control measures for pest and diseases of Castor | 1 | Off campus | 26 | 4 | 30 | 6 | 1 | 7 |
| 13/10/2006 | PF | Integrated Pest Management in Cotton | 1 | do | 32 | 2 | 34 | 7 | | 7 |
| 23/10/2006 | PF | Intergraded Weed Management in major rabi field crops | 1 | do | 33 | 3 | 36 | 3 | 2 | 5 |
| 22/11/2006 | PF | Intergraded Nutrient Management in major rabi field crops | 1 | do | 20 | | 20 | 2 | 1 | 3 |
| 01/12/2006 | PF | Efficient Water Management in major rabi field crops | 1 | do | 29 | 2 | 31 | 4 | 2 | 6 |
| 02/12/2006 | PF | Control measures of pest and diseases of rabi crops | 1 | do | 30 | 1 | 31 | 6 | 1 | 7 |
| 04/12/2006 | PF | Pest & Disease Management in onion, garlic and chilli | 1 | do | 30 | 2 | 32 | 2 | 2 | 4 |
| 08/12/2006 | PF | Control measures for Rodent | 1 | do | 31 | 4 | 35 | 2 | 2 | 4 |
| 11/12/2006 | PF | Storage Pest Management in groundnut | 1 | do | 33 | 1 | 34 | 3 | 2 | 5 |
| 16/12/2006 | PF | Aflatoxin Management in groundnut | 1 | do | 29 | | 29 | 1 | 1 | 2 |
| 18/12/2006 | PF | Important of floriculture | 1 | do | 30 | 2 | 32 | 3 | 2 | 5 |
| 21/12/2006 | PF | Drip irrigation in horticultural crops | 1 | do | 28 | | 28 | 1 | 1 | 2 |
| 26/12/2006 | PF | Fresh Water Aquaculture practices | 1 | do | 33 | 2 | 35 | 4 | | 4 |
| 12/01/2007 | PF | Brackish water aquaculture management practices | 1 | do | 23 | 1 | 24 | 2 | | 2 |
| 15/01/2007 | PF | Method of Soil sampling | 1 | do | 29 | 2 | 31 | 2 | 2 | 4 |

| | | | | | | | | | | |
|------------|----|--|---|------------|----|----|----|---|---|---|
| 18/01/2007 | PF | Soil and fertility management | 1 | Off Campus | 27 | 3 | 30 | 1 | 1 | 2 |
| 24/01/2007 | PF | Safe use of pesticides | 1 | do | 29 | 1 | 30 | 2 | 2 | 4 |
| 05/02/2007 | FW | Value addition in Agril. Products | 1 | do | | 30 | 30 | | 5 | 5 |
| 16/02/2007 | PF | Micro irrigation in field crops | 1 | do | 24 | 2 | 26 | 2 | | 2 |
| 07/03/2007 | PF | Repairing of bunds & water storage structures | 1 | do | 16 | | 16 | 1 | | 1 |
| 15/03/2007 | PF | Preparation of Liquid Seaweed Fertilizer | 1 | do | 13 | 3 | 16 | 1 | | 1 |
| 22/03/2007 | PF | Shrimp Hatchery Management | 1 | do | 14 | 1 | 15 | | | 0 |
| 12/04/2007 | PF | Improved cultivation practices for G.nut | 1 | do | 17 | 3 | 20 | 1 | | 1 |
| 18/04/2007 | PF | In-situ moisture conservation | 1 | do | 17 | 1 | 18 | 1 | | 1 |
| 24/04/2007 | PF | Dose of fertilizer and method of Application in kharif crops | 1 | do | 18 | 2 | 20 | 2 | | 2 |
| 15/05/2007 | PF | Selection of Cotton varieties | 1 | do | 22 | 1 | 23 | 3 | 1 | 4 |
| 18/05/2007 | PF | Seed Treatment in G.nut | 1 | do | 15 | 3 | 18 | 1 | | 1 |
| 25/05/2007 | PF | Integrated Pest Management in Cotton | 1 | do | 27 | 1 | 28 | 2 | 1 | 3 |
| 01/06/2007 | FW | Preparation of bakery products | 1 | do | | 44 | 44 | | 6 | 6 |
| 08/06/2007 | PF | Ground water recharge techniques | 1 | do | 19 | 2 | 21 | 3 | | 3 |
| 21/06/2007 | PF | Use of improved Agril. Implements | 1 | do | 18 | | 18 | 3 | 1 | 4 |
| 25/06/2007 | PF | Shrimp Hatchery Management | 1 | do | 40 | | 40 | | | 0 |
| 28/06/2007 | PF | Brackish water aquaculture management practices | 1 | do | 42 | | 42 | | | 0 |
| 02/07/2007 | PF | Castor production technology | 1 | do | 25 | 2 | 27 | 4 | 2 | 6 |
| 11/07/2007 | PF | Pest & disease management in kharif crops | 1 | do | 24 | | 24 | 3 | | 3 |
| 25/07/2007 | FW | Child care and nutrition | 1 | do | | 28 | 28 | | 4 | 4 |
| 01/08/2007 | PF | IPM in cotton | 1 | do | 23 | 3 | 26 | 3 | 1 | 4 |
| 06/08/2007 | PF | Value addition & post harvest technology | 1 | do | 31 | 3 | 34 | 5 | 2 | 7 |
| 24/08/2007 | PF | Need of aquaculture | 1 | do | 13 | 8 | 21 | 4 | 2 | 6 |
| 22/08/2007 | PF | Sustainable agriculture | 1 | do | 21 | 2 | 23 | 4 | 1 | 5 |
| 28/08/2007 | PF | Biological control of pest & diseases | 1 | do | 23 | 3 | 26 | 5 | 1 | 6 |
| 07/09/2007 | FW | Preparation of Decorative items | 1 | do | | 32 | 32 | | 4 | 4 |
| 17/09/2007 | PF | Storage Pest Management in groundnut | 1 | do | 25 | 3 | 28 | 2 | | 2 |
| 21/09/2007 | PF | Preparation of LSF | 1 | do | 17 | | 17 | 2 | | 2 |

FW-Farm Women, PF- Practicing Farmers, RY- Rural youth

(D) Vocational training programmes for Rural Youth: Nil

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

*training title should specify the major technology /skill transferred

(E) Sponsored Training Programmes

| Sl. No | Title | Them. area | Month | Dura. (days) | Client PF/RY/EF | No. of courses | No. of Participants | | | | | | Sponsoring Agency | |
|--------------|--|--------------------------|--------|--------------|-----------------|----------------|---------------------|-----------|------------|-----------|-------------|------------|-------------------|---------------------------|
| | | | | | | | M | | F | | Total | | | |
| | | | | | | | Others | SC/ST | Others | SC/ST | Others | SC/ST | | T |
| 1 | Horticultural crops | Agril Engg. | Oct-06 | 1 | PF | 1 | 40 | 7 | 8 | 3 | 48 | 10 | 58 | Deputy Director of Horti. |
| 2 | Horticultural and vegetable crops | Plant protection | Oct-06 | 1 | PF | 1 | 33 | 4 | 1 | - | 34 | 4 | 38 | -do- |
| 3 | Cereal crops | Plant protection | Dec.06 | 1 | PF | 1 | 51 | 9 | 13 | 2 | 64 | 11 | 85 | District Agril Officer |
| 4 | Horticultural crops | Agro./ Plant protection | Jan-07 | 1 | PF | 2 | 29 | 2 | 3 | 1 | 32 | 3 | 35 | Deputy Director of Horti. |
| 5 | Cereal crops | Plant protection | Jan.07 | 1 | PF | 1 | 40 | 6 | 3 | 2 | 43 | 8 | 51 | GNFC |
| 6 | Women's problem and Gandhian thoughts | Home Science | Jan-07 | 1 | FW | 1 | 0 | 0 | 48 | 12 | 48 | 12 | 60 | Gandhi Katha |
| 7 | Horticultural crops- | Horti./ Plant protection | Mar-07 | 1 | PF | 2 | 76 | 13 | 7 | 2 | 83 | 15 | 98 | GNFC. |
| 8 | INM in cotton and Groundnut | Agro./ Plant protection | Mar-07 | 1 | PF | 2 | 41 | 6 | 4 | 1 | 45 | 7 | 52 | IPL. |
| 9 | Kharif crops | Agro./ Plant protection | Jul-07 | 1 | PF | 2 | 26 | 2 | 2 | - | 28 | 2 | 30 | District Agril Officer |
| 10 | Kharif crops | Agro./ Plant protection | Jul-07 | 1 | PF | 2 | 48 | 7 | 5 | 2 | 53 | 9 | 62 | -do- |
| 11 | Costal salinity control | Agril Engg. | Aug-07 | 1 | PF | 1 | 29 | 2 | 3 | 1 | 32 | 3 | 35 | SAWA- an NGO |
| 12 | INM in cotton and Groundnut | Agro./ Plant protection | Sep-07 | 1 | PF | 2 | 131 | 16 | 2 | 1 | 133 | 17 | 150 | GNFC |
| 13 | Horticultural crops | Horti./ Plant protection | Sep-07 | 1 | PF | 2 | 43 | 5 | 1 | 1 | 44 | 6 | 50 | Deputy Director of Horti. |
| 14 | Vocational Training for Women/Youth | Home Science | Jan-07 | 1 | FW | 1 | | | 24 | 3 | 24 | 3 | 27 | SAHELI- an NGO |
| 15 | Training for Women/Youth | Home Science | Jan-07 | 1 | FW | 1 | | - | 47 | 8 | 47 | 8 | 55 | District Agril Officer |
| 16 | Training for Women/Youth | Home Science | Feb-07 | 1 | FW | 1 | | - | 49 | 4 | 49 | 4 | 53 | -do- |
| 17 | Training for Women/Youth | Home Science | Feb-07 | 1 | FW | 1 | | - | 34 | 6 | 34 | 6 | 40 | -do- |
| 18 | Training for Women/Youth | Home Science | Feb-07 | 1 | FW | 1 | | - | 35 | 7 | 35 | 7 | 42 | -do- |
| 19 | Training for Women/Youth | Fisheries/ Home Science | Sep-07 | 1 | FW | 2 | 66 | 14 | 35 | 8 | 101 | 22 | 123 | -do- |
| 20 | Sustainable Agriculture – Training to Gram Mitra | All discipline | Jul-07 | 1 | EF | 5 | 21 | - | 3 | - | 24 | - | 24 | District Agril Officer |
| Total | | | | | | | 674 | 93 | 327 | 64 | 1001 | 157 | 1168 | |

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 | 4 | 75 | 18 | 93 | - | - | - | 75 | 18 | 93 |
| Kisan Mela | | | | | | | | | | |
| Kisan Ghosthi | 15 | 134 | 23 | 157 | - | - | - | 134 | 23 | 157 |
| Exhibition | 1 | 190 | 10 | 200 | 25 | 4 | 29 | 215 | 14 | 229 |
| Film Show | | | | | | | | | | |
| Method Demonstrations | | | | | | | | | | |
| Farmers Seminar | | | | | | | | | | |
| Workshop | | | | | | | | | | |
| Group meetings | 33 | 308 | 113 | 421 | - | - | - | 308 | 113 | 421 |
| Lectures delivered as resource persons | | | | | | | | | | |
| Newspaper coverage | 14 | | | | | | | | | |
| Radio talks | 2 | | | | | | | | | |
| TV talks | | | | | | | | | | |
| Popular articles | | | | | | | | | | |
| Extension Literature | 10 | | | | | | | | | |
| Advisory Services | | | | | | | | | | |
| Scientific visit to farmers field | 250 | 250 | - | 250 | - | - | - | 250 | - | 250 |
| Farmers visit to KVK | 25 | 236 | 35 | 271 | - | - | - | 235 | 35 | 271 |
| Diagnostic visits | 152 | - | - | 152 | - | - | - | - | - | 152 |
| 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 | 8 | | 431 | 431 | | | | | 431 | 431 |
| Celebration of important days (specify) | | | | | | | | | | |
| Any Other- Telephonic Helpline Krishi Mhotsav 07 | 199 83 | | 4747 750 | 199 5497 | | | | 4747 | 750 | 199 5497 |
| Total | 796 | 5940 | 1380 | 7671 | 25 | 4 | 29 | 5964 | 1384 | 7700 |

3.5 Production and supply of Technological products

SEED MATERIALS

| Sl. No. | Crop | Variety | Quantity (qtl.) | Value (Rs.) | Provided to No. of Farmers |
|-------------------------|-------|---------|-----------------|-------------|----------------------------|
| CEREALS | wheat | GW-496 | 43.6 | 41700 | 18 |
| OILSEEDS | | | | | |
| PULSES | | | | | |
| VEGETABLES | | | | | |
| FLOWER CROPS | | | | | |
| OTHERS (Specify) | | | | | |

SUMMARY

| Sl. No. | Crop | Quantity (qtl.) | Value (Rs.) | Provided to No. of Farmers |
|--------------|-----------------|-----------------|--------------|----------------------------|
| 1 | CEREALS - Wheat | 43.6 | 41700 | 18 |
| 2 | OILSEEDS | - | - | - |
| 3 | PULSES | - | - | - |
| 4 | VEGETABLES | - | - | - |
| 5 | FLOWER CROPS | - | - | - |
| 6 | OTHERS | - | - | - |
| TOTAL | | 43.6 | 41700 | 18 |

PLANTING MATERIALS: Nil

| 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: Nil

| 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: Nil

| Sl. No. | Product Name | Species | Quantity | | Value (Rs.) | Provided to No. of Farmers |
|----------------|--------------|---------|----------|------|-------------|----------------------------|
| | | | No | (kg) | | |
| BIOAGENTS | - | - | - | - | - | - |
| BIOFERTILIZERS | - | - | - | - | - | - |
| BIO PESTICIDES | - | - | - | - | - | - |

SUMMARY

Nil

| Sl. No. | Product Name | Species | Quantity | | Value (Rs.) | Provided to No. of Farmers |
|--------------|-----------------|---------|----------|------|-------------|----------------------------|
| | | | Packet | (kg) | | |
| 1 | BIOAGENTS - | - | - | - | - | - |
| 2 | BIO FERTILIZERS | - | - | - | - | - |
| 3 | BIO PESTICIDE | - | - | - | - | - |
| TOTAL | | - | - | - | - | - |

LIVESTOCK: Nil

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

SUMMARY: Nil

| 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 | No. |
|----------------------|---|--|--------------|
| Extension literature | <i>Porbandar Jillanu krushi dham</i> | D.M. Pathak , R. B. Vadher, P. J Gohil, H. R. Vadar, Mrs. D.M. Bhatt, S. R. Thaker | 1000 |
| | <i>Ravi Pakoni vaigyanik kheti paddhti</i> | P. J Gohil, R. B. Vadher | 1000 |
| | <i>Vividh athana ane teni jalvani</i> | Mrs. D.M. Bhatt, D.M. Pathak | 1000 |
| | <i>Kheti ane aharman kathodnu mahatva ane vangio</i> | Mrs. D.M. Bhatt, D.M. Pathak | 1000 |
| | <i>Chomasu magfanini vaigyanik kheti paddhti</i> | P. J Gohil, D.M. Pathak , R. B. Vadher | 1000 |
| | <i>Khedutna mitra kitako</i> | R. B. Vadher, D.M. Pathak, P. J Gohil | 1000 |
| | <i>Chomasu rutuna pakoman Sanklit jivat niyantran</i> | R. B. Vadher, D.M. Pathak, P. J Gohil | 1000 |
| | <i>Chomasu rutuna pakoman Sanklit Rog niyantran</i> | R. B. Vadher, D.M. Pathak, P. J Gohil | 1000 |
| | <i>Jaivik khatar ane teni upayogita</i> | D.M. Pathak, P. J Gohil, R. B. Vadher | 1000 |
| | <i>KVK- Information card</i> | D.M. Pathak , R. B. Vadher, P. J Gohil, H. R. Vadar, Mrs. D.M. Bhatt, S. R. Thaker | 5000 |
| TOTAL | 10 | | 14000 |

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: Nil

| S. 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)**A. Success Story:****1. Introduction of new potential crop; “Date Palm”, in the Porbandar district.****Back Ground:**

Name of Farmer: Laxmanbhai Devsibhai Odedra

Village: Advana Education: 9 std. Pass

Land Holding: 2.00 Acre

Mr. Laxmanbhai is very enthusiastic and dynamic farmer of the area. He and his neighboring farmers have some naturally grown plants of date palm but all are unproductive. A question arise in his mind that why these plants are fail to produce marketable dates.

Inspiration and initiation of work:

For getting the solution of the problem and to get detail of date palm cultivation, he visited Kutch area, where this crop is grown very well. He impressed very much by seeing the quality and productivity of date palm in that are. He took technical guidance for date palm cultivation from experienced farmers especially about pollination process. He count economics for the cultivation of date palm as per the farmers of that area and found it profitable. This inspiration pushes him towards growing of date palm on his own field. Hence, he planted the date palm on boarder of the field and made the existing plant productive. Initially he planted 75 plants on the boarder of the field.

Success of work:

He took planting material from Kutch and planted on border very closely. He also have come in touch with KVK and wanted technical support and guidance. Though he has good technical experience, KVK scientists streamlined their work by fine tuning in his traditional method. This proved “a scientific and moral support and force in his work” in his campaign. He also started pollination in the surrounding plants by collecting the pollen powder and spraying it on female inflorescence.

He has also pollinated number of unproductive plants in his surrounding area and made the plants productive. The beneficial farmers got surprised to have good quality of fruits in bumper quantity at their palm. He had experienced his success when admired by other farmers.

The farmers could harvest about 100 kg produce from single plant at fifth year and 200 kg after seventh year. The surrounding farmers got awareness about the real benefit of date palm by his pollination campaign. Last year he achieved production in his two years plant and sold it @ 20 Rs per kg. At present he planted 500 plants at his own field.

One can make a simple counting that if a plant of 5 years give 100 kg date and sold @ 10 Rs per kg, can earn Rs. 1000 per plant per annum. On that basis, he was demanded to start a nursery for date palm. He established nursery and sold 900 plants in the Porbandar district.

The date palm is a hardy crop, naturally grown in this area and requires negligible inputs & care. The Farmers have also experienced that they can get better quality & quantity in this area as compared to Kutch and earn subsidiary income of about Rs 1000 per annum as royalty income at minimum expenses.

Impact:

A technically sound and innovative farmer may support surrounding farmers in enhancing their profitability in Agriculture. Mr. Laxmanbhai set an example and introduces the date palm; new potential crop in the Porbandar district and make the farmers getting subsidiary income.

B. Case/Impact Studies:

1. Sowing method and package of practices of wheat

Name of Farmer : Amubhai Bhut
Village : Iswariya
Taluka : Kutiyana

Farmers generally prefer to sow wheat crop in strips (patla), as it become very easy to sow the seeds in existing rows of kharif groundnut. During the extension activities like training, shibir and kisan gothya as well as front line demonstrations, Mr. Amubhai took interest and initiative to follow the recommended package of practices for wheat cultivation. He has been also allotted one of the FLD on wheat. First of all, he had sown the crop at recommended spacing in rows instead of strips (patla). He also followed all the recommended package of practices for wheat and remained in frequent touch with the KVK.

Following the advised seed rate and method of sowing as well as using automatic bullock drawn seed cum fertilizer drill, he could save 22% of seed. He could also save 24% of chemical fertilizer in comparison of his traditional practice. The yield of wheat is recorded 10.1 % higher than his traditional practice due to optimum plant population and use of balanced nutrients. His experience may promote the other farmers to follow the recommended method of sowing and package of practices.

Impact:

Farmers can save about 22% seed and 24% fertilizers by adopting recommended method of sowing and package of practices and can get 10% higher yield with additional return of about Rs. 4000.00 per hectare.

2. Late sowing variety of Wheat

Name of Farmer : Virambhai Modhvadiya
 Village : Khapat
 Taluka : Porbandar

Mr. Virambhai is one of the progressive farmers and interested in organic farming. He mostly follows groundnut- wheat cropping system in his field. Once he attended on-campus training programme of KVK, he remained in regular touch with activities of the KVK.

During rabi season of 2006-07 he became late in sowing of wheat and he was in confusion whether to grow wheat or any other crop. In this situation, he came to KVK and discussed his problem with scientists. He was advised to sow recommended late sown variety of wheat GW – 173. He had sown the recommended variety and remained in regular contact with KVK. Because of adopting recommended variety and package of practices, he could harvest 1960 kg grain yield from 2 vigha (0.32 ha) land only. The yield was at par with regular/early sown varieties of wheat.

Impact:

The surrounding farmers inquired about the late sown variety of wheat and package of practices for the same after hearing Mr. Virambhai's experience.

3. Subsidiary income through off-seasonal vegetable cultivation

Name of Farmer : Bharatbhai Harjibhai Tukadia
 Village : Ranavav
 Taluka : Ranavav

Mr. Bharatbhai is one of the enthusiastic farmers and in closely concern with extension activities of KVK. Previously he was cultivating only groundnut in kharif and wheat in rabi season even though he has good fertile land and adequate irrigation facility. Vegetable cultivation may be proved as a boon for small farmers having adequate facilities. After coming in contact with KVK and allotted one of the FLDs, he was advised to grow vegetables in regular as well as off-season on small area for subsidiary income. He took initiative and started growing seasonal and off-seasonal vegetables. He frequently was advised on recommended package of practices as well as preventive/remedial measures for insect-pest infestation.

Impact:

He convinced that, cultivating seasonal and off-seasonal vegetable would be more profitable as farmers can get good market price.

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

Nil

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 |
|--------|-------------------|--|----------------------------|
| 1 | Chilly, Brinjal | Dusting of Ash | Control of viral disease |
| 2 | Groundnut | Neem leaves used as covering material in storage | Control of storage pest |
| 3 | Castor, Groundnut | Buttermilk Spray | Repel the pest and animals |
| 4 | Castor, Groundnut | Application of rotted Bajra flour or Cow Urine | suppress pest and disease |

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

- Identification of courses for farmers/farm women
- Rural Youth
- Inservice personnel

3.11 Field activities

- i. Number of villages adopted: 15
- ii. No. of farm families selected: 75
- iii. No. of survey/PRA conducted: 15

3.12. Activities of Soil and Water Testing Laboratory: Nil

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): Nil

| 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 : Nil
(Please furnish detailed information for each case)

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

5.0 LINKAGES

5.1 Functional linkage with different organizations

| Sr. No. | Name of organizations | Nature of linkages |
|----------------|--|---|
| 1 | State department of Agriculture | Most of organizations are members of scientific Advisory Committee of this KVK and have linkage with different mandatory activities like on/off campus training programmes, Khedut Shibir, Kishn Gosthy, Field Day and Vocational Trainings |
| | District Agriculture Officer | |
| | Dy. Director of Agriculture (Extension) | |
| | Dy. Director of Horticulture | |
| | Dy. Director of Animal husbandry | |
| | Asstt. Director of Fisheries | |
| 2 | Asstt. Conservator of Forest | |
| 3 | Taluka purchase and sales Union (Porbandar, Kutiyana, Ranavav) | |
| 4 | State bank of Saurashtra | |
| 5 | Non Government organizations | |
| | SAHELI trust, Bagvadar | |
| | SAVA, Porbandar | |
| | WASMO, Porbandar | |
| | MEGHAVI, Porbandar | |
| 6 | Doordarshan Kendra | Disseminate our activities |
| 7 | All India Radio | |

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 special programmes undertaken by the KVK, which have been financed by State Govt./Other Agencies : Nil

| Name of the scheme | Date/ Month of initiation | Funding agency | Amount (Rs.) |
|---------------------------|----------------------------------|-----------------------|---------------------|
| | | | |
| | | | |

5.3 Details of linkage with ATMA: Nil

a) Is ATMA implemented in your district **No**

| S. No. | Programme | Nature of linkage | Remarks |
|---------------|------------------|--------------------------|----------------|
| | | | |

5.4 Give details of programmes implemented under National Horticultural Mission
Nil

| S. No. | Programme | Nature of linkage | Constraints if any |
|---------------|------------------|--------------------------|---------------------------|
| | | | |

5.5 Nature of linkage with National Fisheries Development Board Nil

| S. No. | Programme | Nature of linkage | Remarks |
|--------|-----------|-------------------|---------|
| | | | |

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

6.1 Performance of demonstration units (other than instructional farm): Nil

| 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.(q) | Cost of inputs | Gross income | |
| Cereals | | | | | | | | | |
| Wheat | 26-11-06 | 1-03-07 | 3.0 | GW-496 | General | 43.6 | 27200 | 41700 | |
| Pulses | | | | | | | | | |
| Oilseeds | | | | | | | | | |
| Fibers | | | | | | | | | |
| Spices & Plantation crops | | | | | | | | | |
| Floriculture | | | | | | | | | |
| Fruits | | | | | | | | | |
| Vegetables | | | | | | | | | |
| Others (specify) | | | | | | | | | |

6.3 Performance of production Units (bio-agents / bio pesticides/ bio fertilizers etc.,) : Nil

| 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) : Nil

| 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: Nil

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 | Bank | Location | Account number |
|------------------------|---------------------|-----------|----------------|
| a. with host institute | - | - | - |
| b. With KVK | State bank of India | Porbandar | 10250767705 |

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

| Item | Released by ICAR/SAU | | Expenditure | | Unspent balance as on 1 st April 2007 |
|----------------------|----------------------|---------------|-------------|--------------|--|
| | Kharif 2006 | Rabi 2006 -07 | Kharif 2006 | Rabi 2006-07 | |
| Inputs | - | 24000 | - | 23955 | 45 |
| Extension activities | | | | | |
| TA/DA/POL etc. | | | | | |
| TOTAL | - | 24000 | - | 23955 | 45 |

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

| Item | Released by ICAR/SAU | | Expenditure | | Unspent balance as on 1 st April 2007 |
|----------------------|----------------------|---------------|-------------|--------------|--|
| | Kharif 2006 | Rabi 2006 -07 | Kharif 2006 | Rabi 2006-07 | |
| Inputs | - | 9500 | - | 9500 | 0.0 |
| Extension activities | | | | | |
| TA/DA/POL etc. | | | | | |
| TOTAL | - | 9500 | - | 9500 | 0.0 |

7.4 Utilization of funds under FLD on Cotton (Rs. In Lakhs): NIL

| 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 | Items/Head | Sanctioned | Released | Expenditure |
|---------------------------------------|--|------------------|------------------|------------------|
| A. Recurring Contingencies | | | | |
| 1 | Pay & Allowances | 1,800,000 | 1,800,000 | 1,035,990 |
| 2 | Traveling Allowances | 75,000 | 75,000 | 33,682 |
| 3 | Contingencies | | | |
| a. | Stationary, telephone, postage and other expenditure on office running, publication of newsletter and Library maintains (Purchase of News paper Magazines) | 65,000 | 65,000 | 96,900 |
| b. | POL, repair of vehicles, tractors and equipment | 40,000 | 40,000 | 73,239 |
| c. | Meals/refreshment of trainees (ceiling up to Rs,40/- per day / trainees be maintained) | 50,000 | 50,000 | 19,175 |
| d. | Training Materials (Posters, charts, demonstration materials including chemicals etc. required for conducting the training). | 25,000 | 25,000 | 4,415 |
| e. | Frontline demonstration except oilseed and pulses | 30,000 | 30,000 | 56,472 |
| f. | On Farm testing (On need based, location specific and newly generated information in the major production system of the area. | 25,000 | 25,000 | 476 |
| g. | Training of Extension functionaries | 15,000 | 15,000 | - |
| h. | Maintenance of Building | - | - | - |
| i. | Establishment of soil, plant & Water Testing Laboratory | - | - | - |
| | TOTAL CONTIGENCY | 250,000 | 250,000 | 250,677 |
| | TOTAL-A | 2,125,000 | 2,125,000 | 1,320,349 |
| B. Non Recurring Contingencies | | | | |
| i. | Works | | | |
| | a. Adm. Building | 1,000,000 | 1,000,000 | 1,000,000 |
| | b. Staff Quarters | 1,000,000 | 1,000,000 | 1,000,000 |
| | c. Farmers Hostel | 700,000 | 700,000 | 700,000 |
| ii | Equipment & Furniture | | | |
| | a. (Photo copier) | 75,000 | 75,000 | 64,626 |
| | b. | 50,000 | 50,000 | 48,884 |
| iii | Vehecal | - | - | - |
| iv | Library (Purchase of assets like books journals | 10,000 | 10,000 | 6,434 |
| V | WHS | 998,000 | 998,000 | 997,527 |
| | TOTAL - B | 3,833,000 | 3,833,000 | 3,817,471 |
| | GRANT TOTAL | 5,958,000 | 5,958,000 | 5,137,820 |

Utilization of Fund (Year 2007-08) For the period of :01-04-07 to 30-09-2007

| Sr. No | Items/Head | Sanctioned | Released | Expenditure |
|--------------------------------|----------------------|----------------|----------------|----------------|
| Recurring Contingencies | | | | |
| 1 | Pay & Allowances | 2500000 | 2500000 | 1220075 |
| 2 | Traveling Allowances | 90000 | 90000 | 23742 |
| 3 | Contingencies | 400,000 | 400,000 | 161740 |
| | TOTAL- | 2990000 | 2990000 | 1405557 |

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 | 100000 | - | - | - |
| April 2006 to March 2007 | 100000 | 21774 | 27175 | 94599 |

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

- (a) Administrative: Nil
- (b) Financial

a. Infrastructure:

At present, there is no any furniture for sitting and accommodation is available with the KVK. As the construction work of office administrative building will be completed very soon, furniture for office staff will also be required just after completion of construction.

b. FLD Grant

The procedure for conducting FLDs on oilseeds and pulses has to be started well before onset of monsoon i. e. in the month of May and we have to procure the inputs at that time. If the grant for the same may kindly be released timely, the inputs can be purchased and distributed well in time.

- (c) Technical: Nil