PROFORMA FOR ANNUAL REPORT 2018-19 (April 2018 to March 2019)

1. GENERAL INFORMATION ABOUT THE KVK

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

| Address | Т | elephone | E mail |
|--------------------------------------|------------|----------|---------------------------|
| | Office | FAX | |
| Krishi Vigyan Kendra, Ganjam | 9437104867 | | kvkganjam1.ouat@gmail.com |
| At : Benakunda | | | |
| P.O: Dihapadhala | | | |
| Via: Tanarada | | | |
| Dist: Ganjam Pin : 761 140 Orissa | | | |

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

| Address | Telephone | | E mail |
|---|------------------|-----|------------------|
| | Office | FAX | |
| Vice-Chancellor, OUAT, Bhubaneswar- 751003 Orissa University of Agriculture & Technology | 0674- 2392677 | | vcouat@gmail.com |

1.3. Name of Senior Scientist and Head with phone & mobile No.

| Name | Telephone / Contact | | | | | |
|---------------------|---------------------|------------|-------|--|--|--|
| | Residence | Mobile | Email | | | |
| Dr. Swagatika Sahoo | | 7008357580 | | | | |

1.4. Year of sanction of KVK: 1985

1.5. Staff Position (as on 1st April, 2019)

| 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 | Senior Scientist & Head | Dr. Swagatika Sahoo | Senior Scientist & Head | Fishery Science | 22320-39100 + AGP 8000 30320 | 17.05.2018 | Permanent | Others |
| 2 | Scientist | Sri Prasanta Kumar Panda | Scientist | Plant Protection | 15600-39100 + AGP 6000 24850 | 05.01.2007 | Permanent | Others |
| 3 | Scientist | Sri Bishnupada Giri | Scientist | Horticulture | 15600-39100 + AGP 6000 23950 | 17.09.2006 | Permanent | |
| 4 | Scientist | Dr. Santosh Kumar Samantaray | Scientist | Agricultural Extension | 15600-39100 + AGP 6000 21390 | 06-09-2012 | Permanent | Others |
| 5 | Scientist | Smt. Anita Patro | Scientist | Home Science | 15600-39100 + AGP 6000 22220 | 18.12.2009 | Permanent | Others |
| 6 | Scientist | Dr.Sidhharth Ranabijuli | Scientist | Animal Science | 15600-39100 + AGP 6000 20590 | 11.05.2012 | Permanent | Others |
| 7 | Scientist | Sri Satyabrata Mangaraj | Scientist | Agronomy | 15600-39100 + AGP 6000 15600 | 13.08.2018 | Permanent | Others |
| 8 | Programme Assistant | Ms Shine Sree Dash | Programme Assistant | Forestry | 9300-34800 + GP 4200 15600 | 30.08.2018 | Permanent | Others |
| 9 | Programe Assistant (Computer) | Sri Sitikantha Mishra | Programme Assistant | Computer Science | 9300-34800 + GP 4200 15680 | 18.01.2006 | Permanent | Others |
| 10 | Farm Manager | Vacant | - | - | - | - | - | - |
| 11 | Accountant / Superintendent | Vacant | - | - | - | - | - | - |
| 12 | Stenographer | Miss Priyadarshini Ghadei | Steno-cum-computer operator | - | 5200-20200 +GP 2400 5920 | 22.07.2015 | Permanent | SC |
| 13. | Driver | Sri Saroj Kumar | Driver-cum-mechanic | - | 5200-20200 | 25.07.2007 | Permanent | OBC |

| | | Biswal | | | + GP 1900 7970 | | | |
|-----|------------------|--------------------------------|---------------------|---|---------------------------------|------------|-----------|-----|
| 14. | Driver | Sri Gobinda Gouda | Driver-cum-mechanic | - | 5200-20200 + GP 1900 7400 | 28.07.2008 | Permanent | OBC |
| 15. | Supporting staff | Sri Krushna Chandra Pradhan | Peon-cum-watchman | - | 4750 -14680+ GP1700 6760 | 28.07.2008 | Permanent | OBC |
| 16. | Supporting staff | Sri Prakash Chandra Gouda | Peon-cum-watchman | - | 4750 -14680+ GP1700 6500 | 20.12.2007 | Permanent | OBC |

1.6. Total land with KVK (in ha)

| S. No. | Item | Area (ha) |
|--------|---------------------------|-----------|
| 1 | Under Buildings | 1.5 |
| 2. | Under Demonstration Units | 0.05 |
| 3. | Under Crops | 10.0 |
| 4. | Orchard/Agro-forestry | 2.00 |
| 5. | Others with details | 6.45 |
| | Total | 20.00 |

Total area should be matched with breakup

1.7. Infrastructure Development:

A) Buildings and others

| S. No. | Name of infrastructure | Not yet started | Completed up to plinth level | Completed up to lintel level | Completed up to roof level | Totally completed | Plinth area (sq.m) | Under use or not* | Source of funding |
|--------|----------------------------|-----------------|------------------------------|------------------------------|----------------------------|-------------------|--------------------|-------------------|-------------------|
| | | | r | | | r | (* 1*) | | |
| 1. | Administrative Building | | | | | Dilapidated | 352.28 | | |
| 2. | Farmers Hostel | | | | | Completed | 139.91 | | |
| 3. | Staff Quarters (6) | | | | | Dilapidated | 1200 | | |

| 4. | Piggery unit | |
|-----|---------------------------------|----------------------------|
| 5 | Fencing | Completed ^{2601m} |
| 6 | Rain Water harvesting structure | |
| 7 | Threshing floor | Completed 222.96 |
| 8 | Farm godown | Completed 37.4 |
| 9. | Dairy unit | |
| 10. | Poultry unit | Completed 27 |
| 11. | Goatary unit | |
| 12. | Mushroom Lab | Completed 33 |
| 13. | Mushroom production unit | |
| 14. | Shade house | 180 |
| 15. | Soil test Lab | Completed 23.4 |
| 16 | pond | Completed 613.16 |

^{*} If not in use then since when and reason for non-use

B) Vehicles

| Type of vehicle | Year of purchase | Cost (Rs.) | Total km. Run | Present status |
|-----------------|------------------|------------|---------------|----------------|
| Tata Sumo | 3.4.2003 | 431000/- | 317035 | Condemned |
| Hero Honda | 31.3.2007 | 41899/- | 27526 | Working |

C) Equipment & AV aids

| Name of equipment | Year of purchase | Cost (Rs.) | Present status | Source of fund |
|--------------------------|----------------------|------------|----------------|----------------|
| a. Lab equipment | | | | |
| Mrida Parikshyak | 2016 | 85000 | running | ATARI |
| Mrida Parikshyak | 2017 | 85000 | running | ATARI |
| b. Farm machinery | T | | T | 1 |
| | | | | |
| c. AV Aids | | | | |
| Computer and accessories | 2009-10 | Central | Working | ATARI |
| | | purchased | | |
| Printer | 2008-09, 2010- 11 | | Working | ATARI |
| Xerox machine | 2016-17 | 49000 | Working | ATARI |
| Fax machine | 2007-08 | | Not working | ATARI |
| Colour printer | 2017-18 | 6500 | Working | ATARI |
| Digital camera | 2015-16 | 21000 | Working | ATARI |
| LCD projector | 2016-17 | 35000 | Working | ATARI |
| | | | | |

D) Farm implements

| Name of equipment | Year of purchase | Cost (Rs.) | Present status | Source of fund |
|--------------------------------------|------------------|------------|----------------|----------------|
| Power tiller | 1995 | | Damaged | |
| Threshing machine | 2016-17 | | working | |
| Weighing machine | 2016-17 | | Good condition | |
| Silent genset | 2010 | | Good condition | |
| Storage bin | 2011-12 | | Good condition | ATARI |
| Diesel pump set | 2016-17 | 40000 | Good condition | |
| Paddy power weeder | 2010-11 | | Good condition | |
| Rice transplanter Rice | 2007-08 | | Damaged | |
| Thresher cum winnower-power operated | 2016 | 40000 | Running | ATARI |

1.8. Details SAC meeting* conducted in the year

| Sl.No. | Date | Number of Participants | Salient Recommendations | Action taken | If not conducted, state reason |
|--------|------------|------------------------|--|-----------------------------------|--------------------------------|
| 1. | 15.03.2019 | 30 | BPH tolerant paddy var. may be tested | Will be conducted in current year | |
| | | | | action plan | |
| | | | YMV tolerant greengram variety may be | Will be conducted in current year | |
| | | | popularised | action plan | |
| | | | Post emergence weedicide in Maize may be | Will be conducted in current year | |
| | | | popularized | action plan | |
| | | | Thrust should be given to increase | Will be conducted in current year | |
| | | | productivity of Fingermillet | action plan | |
| | | | New sp. of fish- Amur carp may be | Will be conducted in current year | |
| | | | evaluated | action plan | |
| | | | Wilt tolerant var. of tomato may be | Will be conducted in current year | |
| | | | popularized | action plan | |
| | | | Wilt management in Brinjal may be | Will be conducted in current year | |
| | | | popularized | action plan | |
| | | | Stress should be given for better | Will be conducted in current year | |
| | | | remunerative price to farmer | action plan | |
| | | | Trials on YMV management in Okra may | Will be conducted in current year | |
| | | | be conducted | action plan | |
| | | | BPH tolerant paddy var. may be tested | Will be conducted in current year | |

| | | | | action | plan |
|--|--|--|--|--------|------|
|--|--|--|--|--------|------|

^{*} Salient recommendation of SAC in bullet form Attach a copy of SAC proceedings along with list of participants

2.a. District level data on agriculture, livestock and farming situation (2018-19)

| Sl. | Item | Information |
|-----|---|---|
| no. | | |
| 1 | Major Farming system/enterprise | Rice-Greengram, Rice-Blackgram, Rice-Vegetable, Vegetable-Vegetable, Rice- |
| | | Fallow |
| 2 | Agro-climatic Zone | East and South Eastern Coastal Plain Zone, North Eastern Ghat Zone |
| 3 | Agro ecological situation | Rainfed Red and Laterite, Black, medium rainfall and irrigated, Alluvial, low |
| | | rainfall and irrigated |
| | | |
| 4 | Soil type | Alluvial, Red, Laterite |
| 5 | Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and | Given below in table |
| | others | |
| 6 | Mean yearly temperature, rainfall, humidity of the district | Rainfall-1276 mm |
| 7 | Production of major livestock products like milk, egg, meat etc. | |

Note: Please give recent data only Area, Productivity& production of Major crops of Ganjam district

| Sl.No. | Name of the crop | | Kharif | | | Rabi | | |
|--------|------------------|--------------|---------------|------------|---------------|--------------|---------------|--|
| | | A (000ha) | Y (kg/ha.) | P (000MTS) | A (000ha.) | Y (kg/ha) | P (000MTS) | |
| 01 | Paddy | 251.32 | 2800 | 703.396 | | | | |
| 02 | Green gram | 3.58 | 455 | 1.63 | 155.84 | 521 | 81.19 | |
| 03 | Ragi | 45.0 | 895 | 40.28 | 0.94 | 1003 | 2.44 | |
| 04 | Black gram | 16.38 | 466 | 7.63 | 32.80 | 468 | 15.35 | |
| 05 | Groundnut | 11.40 | 1250 | 14.25 | 18.68 | 1928 | 36.02 | |

| 06 | Sesamum | 11.63 | 414 | 4.81 | 14.57 | 420 | 6.12 |
|----|-----------|-------|------|-------|-------|------|------|
| 07 | Pigeonpea | 13.6 | 934 | 12.7 | | | |
| 08 | Maize | 10.95 | 2282 | 27.66 | 0.93 | | |
| 09 | Horsegram | | | | 11.92 | 378 | 4.51 |
| 10 | Sunflower | | | | 0.49 | 1115 | 0.55 |

Area, Productivity& production of Major Horticulture crops of Ganjam district

| Sl.No. | Name of the crop | Area (In '000 ha) | Productivity (in Kg./ha) | Production (in '000 MT) |
|--------|------------------|-----------------------|-----------------------------|----------------------------|
| 01 | Brinjal | 5.02 | 25750 | 129.16 |
| 02 | Cabbage | 1.51 | 27920 | 42.05 |
| 03 | Cauliflower | 2.41 | 14760 | 35.56 |
| 04 | Okra | 3.46 | 8760 | 30.33 |
| 05 | Pea | 0.34 | 9060 | 3.07 |
| 06 | Chilli | 5.42 | 1360 | 7.37 |
| 07 | Tomato | 4.42 | 12870 | 56.87 |
| 08 | Onion | 0.59 | 8650 | 5.11 |
| 09 | Potato | 0.36 | 15120 | 5.49 |

| 10 | Sweet Potato | 7.52 | 9780 | 73.55 |
|----|--------------|------|-------|-------|
| 11 | Radish | 0.54 | 11750 | 6.38 |

2.b. Details of operational area / villages (2018-19)

| Village Name | Year of adoption | Block Name | Distance from KVK (Km) | Population | Number of farmers (having land in the village) |
|----------------|------------------|--------------------|---------------------------|------------|--|
| Padampur | 2017-18 | Sorada | 48 | 1891 | 450 |
| Phulasarapalli | 2017-18 | Aska | 40 | 922 | 260 |
| Lepa | 2015-16 | Jagannathprasad | 30 | 332 | 75 |
| A.barida | 2016-17 | Kabi suryanagar | 54 | 6954 | 1670 |
| Patulisahi | 2017-18 | Belaguntha | 15 | 497 | 90 |

2. c. Details of village adoption programme:

| Sl. No. | Name of Taluk | Name of the block | Name of the villages | Major crops & enterprises | Major problems identified (cropwise) | Identified Thrust Areas |
|------------|------------------|-------------------|----------------------|------------------------------|--------------------------------------|-------------------------|
|------------|------------------|-------------------|----------------------|------------------------------|--------------------------------------|-------------------------|

Name of the villages adopted by PC and SMS (2018-19) for its development and action plan

| Name of village | Block | Action taken for development |
|-----------------|-----------------|---|
| Padampur | Sorada | OFT, FLD, Training, field day, diagnostic field visit |
| Phulasarapalli | Aska | OFT ,FLD, Training, field day, diagnostic field visit |
| Lepa | Jagannathprasad | OFT ,FLD, Training, field day, diagnostic field visit |
| A.barida | Kabi | OFT ,FLD, Training, field day, diagnostic field visit |
| | suryanagar | |
| Patulisahi | Belaguntha | OFT ,FLD, Training, field day, diagnostic field visit |

| 1 | Bhanjanag ar | Sorada | Padampur | Rice, Maize, Pigeonpea, Greengram, Blackgram, Sesamum, Ground nut, Vegetable | Severe weed incidence in paddy Blast disease in paddy Low yield in arhar Use of traditional verities of green gram Improper nutrient management green gram | Varietal substitution weed management Pest & diseases management Integrated nutrient management Targeting rice fallow |
|---|-----------------|--------------------|----------------|--|--|---|
| 2 | | Aska | Phulasarapalli | Rice,Sugarcane, Blackgram, Greengra m, Mustard,Sesamum | Severe weed incidence in paddy Low yield in mustard Use of traditional verities of green gram Improper nutrient management green gram | weed management Pest & diseases management Integrated nutrient management Targeting rice fallow Varietal substitution |
| 3 | | Jagannathprasad | Lepa | Rice, Maize, Pigeonpea, Greengram, Blackgram, Sesamum, Ground nut, Vegetable | Severe weed incidence in paddy Low yield in arhar Use of traditional verities of green gram Improper nutrient management green gram | weed management Pest & diseases management Integrated nutrient management Targeting rice fallow Varietal substitution |
| 4 | | Kabi suryanagar | A.barida | Rice, Blackgram, Green gram, Groundnut | Severe weed incidence in paddy Use of traditional verities of green gram Improper nutrient management in green gram | weed management in rice Pest & diseases management Integrated nutrient management Targeting rice fallow Varietal substitution |
| | | | | | • | > |

| Belaguntha Patulisahi Rice, Greengram, Blackgram, Sesamum, Vegetable | Use of traditional verities of green gram YMV infection in green gram Severe weed incidence in paddy Weed management in rice Pest & diseases management Integrated nutrient management Targeting rice fallow Varietal substitution |
|--|---|
|--|---|

2.1 Priority thrust areas

| S. No | Pest Disease & weed management | | | | |
|-------|---|--|--|--|--|
| 1. | Floriculture | | | | |
| 2. | INM in Fruits & Vegetable | | | | |
| 3. | Honey bee rearing | | | | |
| 4. | HYV &wilt tolerant varieties | | | | |
| 5. | Integrated fish f arming | | | | |
| 6. | Processing and value addition | | | | |
| 7. | Crop diversification | | | | |
| 8. | Vaccination ,feed management in Cattle & Goat | | | | |
| 9. | Low cost production technique | | | | |
| 10. | Backyard poultry | | | | |
| 11. | Mushroom cultivation | | | | |
| 12. | Kid mortality & disease management | | | | |
| 13. | Feeding management of cattle | | | | |
| 14 | Marketing awareness | | | | |
| 15. | Pest Disease & weed management | | | | |

3. TECHNICAL ACHIEVEMENTS

3.A. Details of target and achievement of mandatory activities by KVK during the year

| | | (| OFT | | | | | | | | | | | | FLD | | | | | | | | |
|-------------|----------------------------|--------|-----|-------|-------|-------|------|-----|-------------|--------------------|-------|--------|-------------|--------|-------------|---|--------|--------|------|-----|------|----|----|
| No. of tech | o. of technologies tested: | | | | | | | | No. of tech | hnologies demonstr | ated: | | | | | | | | | | | | |
| Numb | per of OFTs | | | N | Jumb | er of | farm | ers | | | | Num | ber of FLDs | | | N | Number | r of 1 | arme | ers | | | |
| Target | Achievement | Target | Ach | nieve | ement | t | | , . | | | | Target | Achievement | Target | Achievement | | | | | | | | |
| | | | SC | | ST | | Othe | ers | To | tal | | | | | SC | | ST | | Oth | ers | Tota | al | |
| | | | M | F | M | F | M | F | M | F | T | | | | M | F | M | F | M | F | M | F | T |
| 10 | 9 | 70 | 1 | 4 | | | 34 | 11 | 4 | 1 | 6 | 19 | 16 | 190 | 24 | 1 | | | 94 | 30 | 11 | 42 | 16 |
| | | | 4 | | | | | | 8 | 5 | 3 | | | | | 2 | | | | | 8 | | 0 |

| | | | Traiı | ning | | | | | | | | Extension activities | | | | | | | | | | | |
|--------|--------------|------|---------|---------|--------|----------|-------|--------|-------------|--------|-------------------|----------------------|---------------|-------|----------|----------|------|------|----------|----------|---|-----|-----|
| | | | | | | | | | | | | | | | | | | | | | | | |
| Number | r of Courses | | | Nu | mber (| of Parti | cipan | ts | | | | Number | of activities | | | Nu | mber | of p | articip | ants | | | |
| Target | <u> </u> | | | | | | | Target | Achievement | Target | Achievement | | | | | | | | | | | | |
| | | _ | SC | | | | | | | | SC ST Others Tota | | | tal | | | | | | | | | |
| | | | M | F | M | F | M | F | M | F | T | | | | M | F | M | F | M | F | M | F | T |
| 95 | 75 | 2255 | 23 6 | 13 2 | | | 1 0 | 312 | 1 | | 1 | 536 | 516 | 14000 | 36 00 | 16 00 | | | 80 00 | 28 00 | 1 | 4 4 | 1 6 |
| | | | | _ | | | 0 | | 2 | 4 | 8 | | | | | | | | | | 6 | 0 | 0 |
| | | | | | | | O | | 6 | 4 6 | 0 | | | | | | | | | | 0 | 0 | 0 |

| | Impact of capacity building | | | | | | | | | Impact of Extension activities | | | | | | | | | | | |
|--------|--|----|--|----|--|--------|---|--------------|--|--------------------------------|--------|-------------|--------------|---|---|------|-------|--|--|--|--|
| | Number of Participants trained Number of Trainees got employment (self/ wage/ entrepreneur/ engaged as skilled manpower) | | | | | | | Number of Pa | Jumber of Participants attended Number of participants got employmen wage/ entrepreneur/ engaged as skil manpower) | | | | | | | elf/ | | | | | |
| Target | Achievement | SC | | ST | | Others | 3 | То | tal | | Target | Achievement | SC ST Others | | | îs. | Total | | | | |
| | M F M F M F T | | | T | | | M | F | M | F | M | F | M | F | T | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |

| Seed production (q) | Planting material (in Lakh) |
|---------------------|-----------------------------|
|---------------------|-----------------------------|

| Target | Achievement | Target | Achievement |
|--------|-------------|--------|-------------|
| 235 | 235 | 0.4 | 0.4 |

| Livestock strains and fish f | ingerlings produced (in lakh)* | Soil, water, plant, manures samples tested (in lakh) | | | | | |
|------------------------------|--------------------------------|--|-------------|--|--|--|--|
| | | | | | | | |
| Target | Achievement | Target | Achievement | | | | |
| 5 | 4.5 | 0.002 | 0.00194 | | | | |

^{*} Give no. only in case of fish fingerlings

| | | , | Publication by KVKs | | | | |
|-------------------------------------|--------|-------------------|---|--|---|---|---|
| Item | Number | No. circulated | No. of Research papers in NAAS rated Journals | Highest NAAS rating of any publication | Average NAAS rating of the publications | Details of awarded publication, if any | Details of Award given to the publication |
| Research paper | 04 | mass | | | | | |
| Seminar/conference/ symposia papers | | | | | | | |
| Books | | | | | | | |
| Bulletins | | | | | | | |
| News letter | 02 | 1000 | | | | | |
| Popular Articles | 03 | mass | | | | | |
| Book Chapter | | | | | | | |
| Extension Pamphlets/ literature | 04 | 1000 | | | | | |
| Technical reports | 18 | | | | | | |
| Electronic Publication (CD/DVD etc) | 02 | mass | | | | | |
| TOTAL | 33 | | | | | | |

Achievements on technologies assessed and refined 1 **OFT-1**

| 1. | Title of On farm Trial | Assessment of Tomato varieties for bactrial wilt management in rice based cropping system |
|----|------------------------|---|
| 2. | Problem diagnosed | Low yield due to mortality of plants due to Bacterial wilting |

| 3. | Details of technologies selected for assessment/refinement | TO ₁ – Arka Samrat |
|----|--|--------------------------------|
| | (Mention either Assessed or Refined) | TO ₂ – Arka Rakshak |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | Source: IIHR, 2014 |
| 5. | Production system and thematic area | Varietal evaluation |
| 6. | Performance of the Technology with performance indicators | No. of fruits/plant and wilt |
| 7. | Final recommendation for micro level situation | Recommended |
| 8. | Constraints identified and feedback for research | |
| 9. | Process of farmers participation and their reaction | Field visit, Interaction |

Thematic area: Varietal evaluation

Problem definition: Low yield due to multiple disease infestation

Technology assessed: TO₁ – Arka Samrat, TO₂ – Arka Rakshak

| Technology | No. of | 7 | ield component | | Disease/ | Yield | Cost of | Gross return | Net return | BC |
|------------|--------|-----------------------|----------------------|---------------|--------------------------|--------|-------------|--------------|------------|-------|
| option | trials | Bacterial wilting (%) | No of Fruits / plant | Test wt. (100 | insect pest incidence | (q/ha) | cultivation | (Rs/ha) | (Rs./ha) | ratio |
| | | | | grain wt.) | (%) | | (Rs./ha) | | | |
| FP | 7 | 18.6 | 32 | - | - | 339.85 | 148750 | 237895 | 89145 | 1.59 |
| TO_1 | 7 | 4.2 | 41 | - | - | 418.57 | 148500 | 292999 | 144499 | 1.97 |
| TO_2 | 7 | 2.3 | 48 | - | - | 441.71 | 148500 | 309197 | 160697 | 2.08 |

| 1. | Title of On farm Trial | Assessment of application of herbicides in Okra |
|----|--|---|
| 2. | Problem diagnosed | Low yield & low income due to heavy weed infestation |
| 3. | Details of technologies selected for assessment/refinement | TO ₁ – Pre-emergence application of pendimethalin @ 2 lit./ha |
| | (Mention either Assessed or Refined) | TO ₂ – Pre-emergence application of pendimethalin + Post- emergence application of Quizalofop ethyle @ 1 lit./ha |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | Source: OUAT, 2015 |
| 5. | Production system and thematic area | Weed management |
| 6. | Performance of the Technology with performance indicators | No. of weeds / m ² , Yield, BC ratio |
| 7. | Final recommendation for micro level situation | |
| 8. | Constraints identified and feedback for research | |
| 9. | Process of farmers participation and their reaction | Field visit, Interaction, Group discussion |

Thematic area: Weed management
Problem definition: Low yield due to multiple disease infestation
Technology assessed: TO₁ – Pre-emergence application of pendimethalin @ 2 lit./ha
TO₂ – Pre-emergence application of pendimethalin + Post- emergence

| Table. Results | | | | | | | | | | |
|-----------------|--------|--------------|-----------------|------------|-------------|--------|-------------|--------------|------------|-------|
| Technology | No. of | • | Yield component | | Disease/ | Yield | Cost of | Gross return | Net return | BC |
| option | trials | No. of Weed/ | No of Fruits / | Test wt. | insect pest | | cultivation | (Rs/ha) | | ratio |
| | | m^2 | plant | (100 grain | incidence | (q/ha) | | | (Rs./ha) | |
| | | | | wt.) | (%) | | (Rs./ha) | | | |
| FP | 7 | 463 | - | - | - | 78.28 | 105400 | 156560 | 51160 | 1.48 |
| TO ₁ | 7 | 107 | - | - | - | 87.14 | 104150 | 174280 | 70130 | 1.67 |
| TO ₂ | 7 | 23 | - | - | - | 93.42 | 102300 | 186840 | 84540 | 1.82 |

| 1. | Title of On farm Trial | Assessment of BPH tolerant varieties of rice (Rainfed/medium land- rice-Greengram |
|----|---|---|
| 2. | Problem diagnosed | Chaffy grain, mortality of plant, low yield |
| 3. | Details of technologies selected for assessment/refinement (Mention either Assessed or Refined) | TO ₁ – Hasant TO ₂ – Pooja |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | Source : OUAT, 2017 |
| 5. | Production system and thematic area | Integrated Pest Management |
| 6. | Performance of the Technology with performance indicators | No.of BPH/hill, Chaffy grain% Yield, Net profit, BCR |
| 7. | Final recommendation for micro level situation | |
| 8. | Constraints identified and feedback for research | |
| 9. | Process of farmers participation and their reaction | Field visit, Interaction, Group discussion, problem identified & prioritization |

Thematic area: Weed management

Problem definition: Chaffy grain, mortality of plant, low yield

Technology assessed: TO_1 – Hasant, TO_2 – Pooja

| No. of | • | Yield component | | Disease/ | Yield | | | | Net return | BC |
|--------|----------------------|---------------------------------|--|--|---|---|--|--|--|--|
| trials | No. of | No of Fruits / | Test wt. | insect pest | | cultivation | | (Rs/ha) | | ratio |
| | BPH/hill | plant | (100 grain | | (q/ha) | | | | (Rs./ha) | |
| | | | wt.) | (%) | | (Rs./ha) | | | | |
| 7 | 7.3 | - | - | - | 38.6 | 34000 | | 65620 | FP | 7 |
| 7 | | - | - | - | 43.2 | 34000 | | 73440 | TO ₁ | 7 |
| 7 | 4.2 | - | - | - | 40.4 | 34000 | | 68680 | TO ₂ | 7 |
| | No. of trials 7 7 7 | trials No. of BPH/hill 7 7.3 | trials No. of BPH/hill No of Fruits / plant 7 7.3 | trials No. of BPH/hill No of Fruits / Fruits / Plant Test wt. (100 grain wt.) | trials No. of BPH/hill No of Fruits / Plant No of Fruits / Test wt. (100 grain wt.) 7 7.3 | trials No. of BPH/hill No of Fruits / plant Test wt. (100 grain wt.) insect pest incidence (%) (q/ha) 7 7.3 - - - 38.6 7 - - - 43.2 | trials No. of BPH/hill No of Fruits / plant Test wt. (100 grain wt.) insect pest incidence (%) (q/ha) (Rs./ha) 7 7.3 38.6 34000 7 43.2 34000 | trials No. of BPH/hill No of Fruits / plant Test wt. (100 grain wt.) insect pest incidence (%) (q/ha) (Rs./ha) 7 7.3 38.6 34000 7 43.2 34000 | trials No. of BPH/hill No of Fruits / plant Test wt. (100 grain wt.) insect pest incidence (%) (q/ha) (Rs./ha) 7 7.3 38.6 34000 65620 7 43.2 34000 73440 | trials No. of BPH/hill No of Fruits / plant Test wt. (100 grain wt.) insect pest incidence (%) (q/ha) (Rs./ha) (Rs./ha) 7 7.3 38.6 34000 65620 FP 7 43.2 34000 73440 TO ₁ |

| 1. | Title of On farm Trial | Assessment of chemicals for control of pod borer in Sesamum |
|----|---|--|
| 2. | Problem diagnosed | Damaged pod, low yield |
| 3. | Details of technologies selected for assessment/refinement (Mention either Assessed or Refined) | TO ₁ – spraying of Profenophos @ 1lt./ha TO ₂ – spraying of Spinosad @ 165ml/ha |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | Source : SLREC Proceeding, 2017 |
| 5. | Production system and thematic area | Integrated Pest Management |
| 6. | Performance of the Technology with performance indicators | Damaged pod %, Larva per plant Yield, Net profit, BCR |
| 7. | Final recommendation for micro level situation | |
| 8. | Constraints identified and feedback for research | |
| 9. | Process of farmers participation and their reaction | Field visit, Interaction, Group discussion, problem identified & prioritization |

Thematic area: Integrated Pest Management
Problem definition: Damaged pod, low yield
TO₁ – spraying of Profenophos @ 1lt./ha
TO₂ – spraying of Spinosad @ 165ml/ha

| Technology | No. of | ` | Yield component | | Disease/ | Yield | Cost of | Gross return | Net return | BC |
|-----------------|--------|---------------|-----------------|--------------------------------|---------------------------------|--------|----------------------|--------------|------------|-------|
| option | trials | Damaged pod % | Larva per plant | Test wt. (100 grain wt.) | insect pest incidence (%) | (q/ha) | cultivation (Rs./ha) | (Rs/ha) | (Rs./ha) | ratio |
| FP | 7 | 18.6 | 6.1 | - | - | 6.8 | 30000 | 47600 | 17600 | 1.6 |
| TO ₁ | 7 | 7.2 | 2.4 | - | - | 7.6 | 32000 | 53200 | 21200 | 1.66 |
| TO_2 | 7 | 3.1 | 0.8 | - | - | 8.2 | 34000 | 57400 | 23400 | 1.68 |

| 1. | Title of On farm Trial | Assessment of dual type backyard poultry breeds |
|----|---|---|
| 2. | Problem diagnosed | Indigenous poultry – no vaccination, high mortality low body wt. gain, low egg production, Local birds having low genetic potential for production traits |
| 3. | Details of technologies selected for assessment/refinement (Mention either Assessed or Refined) | FP: Local breed TO1: Kaveril rearing TO2: Chabro rearing |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | CPDO |
| 5. | Production system and thematic area | LPM, Backyard poultry |
| 6. | Performance of the Technology with performance indicators | Body weight |
| 7. | Final recommendation for micro level situation | Chabro performed better in terms of body weight gain but kaveri best suited for backyard system |
| 8. | Constraints identified and feedback for research | |
| 9. | Process of farmers participation and their reaction | |

Thematic area: Livestock Production Management

Problem definition: Indigenous poultry – no vaccination, high mortality low body wt. gain, low egg production, Local birds having low genetic potential for production traits

Technology assessed:

FP: Local breed TO1: Kaveril rearing TO2: Chabro rearing

Table:

| Technology | No. of | | Yield component | | Mortalit | Yield | Cost of | Gross | Net return | BC |
|-----------------|--------|---|--|--|----------|--------------|-----------------------------|------------------------------|--------------------|-------|
| option | trials | Average body weight (7 th week) | Adult Male body weight (20 th week) | Adult female body weight (20 th week) | y (%) | (Body wt/kg) | cultivation (Rs./100 birds) | return (Rs./100 birds) | (Rs./100 birds) | ratio |
| FP | 100 | 600g | 1.2 kg | 0.9 kg | 22 | 1.2 kg | 5000 | 11232 | 6232 | 2.24 |
| TO ₁ | 100 | 1100g | 2.1 kg | 1.6 kg | 5 | 2.1 kg | 5270 | 23940 | 18670 | 4.54 |
| TO_2 | 100 | 980g | 1.8 kg | 1.4 kg | 8 | 1.8 kg | 5270 | 20520 | 15250 | 3.89 |

OFT-6

| 1. | Title of On farm Trial | Assessment on farm made feed for body weight gain of kids |
|----|---|---|
| 2. | Problem diagnosed | Lack of protein in feed and kids raised only on browsing. Factory mode of approach to increase yield without due care to health and feeding. No extra concentrate feeding, low body weight gain of kids due to protein deficiency |
| 3. | Details of technologies selected for assessment/refinement (Mention either Assessed or Refined) | FP: Free ranging, no extra ration, no supplementation TO1: Farm made feed (maize-32%, GNOC-17%, Wheat barn-33%, DORB-15%, min.mix-2%, salt-1%)@ 100g/ day + grazing TO2: Farm made feed (maize-35%, GNOC-23%, Wheat barn-30%, horse gram-10%, min.mix-1%, salt-1%)@ 100g/ day + grazing |
| 4. | Source of Technology | OUAT |
| 5. | Production system and thematic area | LPM, Goat farming |
| 6. | Performance of the Technology with performance indicators | Body wt gain, Net income |
| 7. | Final recommendation for micro level situation | |
| 8. | Constraints identified and feedback for research | |
| 9. | Process of farmers participation and their reaction | |

Thematic area: Livestock Production Management

Problem definition: Lack of protein in feed and kids raised only on browsing. Factory mode of approach to increase yield without due care to health and feeding. No extra concentrate feeding, low body weight gain of kids due to protein deficiency

Technology assessed:

FP: Free ranging, no extra ration, no supplementation TO1: Farm made feed (maize-32%, GNOC-17%, Wheat barn-33%, DORB-15%, min.mix-2%, salt-1%)@ 100g/ day + grazing TO2: Farm made feed (maize-35%, GNOC-23%, Wheat barn-30%, horse gram-10%, min.mix-1%, salt-1%)@ 100g/ day + grazing

Table:

| Technology | No. of | Yield component | Mortality (%) | Yield | Cost of | Gross | Net return | BC |
|-----------------|--------|------------------------------|---------------|---------------|-----------------------------|------------------------------|--------------------|-------|
| option | trials | Average body weight (90days) | | (Body wt/ kg) | cultivation (Rs./100 birds) | return (Rs./100 birds) | (Rs./100 birds) | ratio |
| FP | 10 | 5.9 kg | 3 | 5.9 kg | 6400 | 12390 | 5990 | 1.93 |
| TO ₁ | 10 | 7.9kg | 2 | 7.9kg | 8900 | 18960 | 10060 | 2.13 |
| TO_2 | 10 | 6.8kg | 1 | 6.8kg | 8900 | 18360 | 9460 | 2.06 |

OFT-7

| 1. | Title of On farm Trial | Assessment of competitor moulds management practices in paddy straw mushroom |
|----|---|--|
| 2. | Problem diagnosed | Heavy occurrence of moulds and diseases in straw mushroom |
| 3. | Details of technologies selected for assessment/refinement (Mention either Assessed or Refined) | Application of strptocycline @ 0.01%during early bottom stage& lime @ 2% during soaking of straw minimises moulds and diseases in straw mushroom |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | Source :CTMRT,OUAT, Bhubaneswar,2014 |

| 5. | Production system and thematic area | Mushroom cultivation, Homestead |
|----|---|--|
| 6. | Performance of the Technology with performance indicators | Pinehead appearance(days), Production(kg/bed), % of infected bed, |
| | | Biological efficiency(%), % change in production |
| 7. | Final recommendation for micro level situation | Presoaking of the straw with calcium carbonate for a period of six hour proved to be useful in suppression of contaminating moulds |
| 8. | Constraints identified and feedback for research | Diseased resistant may be developed |
| 9. | Process of farmers participation and their reaction | Diagnostic field visit, Method demonstration training |

Thematic area: Mushroom cultivation

Problem definition: Heavy occurrence of moulds and diseases in straw mushroom

Technology assessed: TO₁. Spraying of strptocycline @ 0.01% during early bottom stage

TO-2Application of lime @ 2% during soaking of straw

Table:

| Technology | No. of | | Yield component | | Biological | Yield | Cost of | Gross return | Net return | BC |
|-----------------|--------|--------------|-----------------|--------|------------|-------|-------------|--------------|------------|-------|
| option | trials | Days of | % of infected | No. of | efficiency | | cultivation | (Rs/bed) | | ratio |
| | | emergence of | bed | fruit | (%) | (Kg/ | | | (Rs./bed) | |
| | | pin head | | bodies | | bed) | (Rs./bed) | | | |
| FP | 07 | 8 | 26 | 32 | 10 | 1.1 | 70 | 132 | 62 | 1.8 |
| TO ₁ | 07 | 8 | 11 | 33 | 12 | 1.3 | 71 | 156 | 85 | 2.1 |
| TO_2 | 07 | 9 | 5 | 36 | 13.5 | 1.4 | 71 | 168 | 97 | 2.3 |

| 1. | Title of On farm Trial | Assessment of drudgery in hanging grain cleaner |
|------------|--|---|
| 2 | Ducklam diagnosad | High daydoom involved in manual alconing of Dice |
| 2. | Problem diagnosed | High drudgery involved in manual cleaning of Rice |
| 3. | Details of technologies selected for | FP - Cleaning of rice by using bamboo structure (Kulla) |
| | assessment/refinement | TO ₁ - Cleaning of rice by using metallic sieve |
| | (Mention either Assessed or Refined) | TO ₂ - Cleaning of rice by using hanging type grain cleaner |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | Source :CIAE, Bhopal, 2014 |
| 5. | Production system and thematic area | Drudgery reduction, Homestead |
| <i>J</i> . | 1 roduction system and thematic area | Brudgery reduction, fromestead |
| 6. | Performance of the Technology with performance indicators | Cleaning output (kg/hr), Energy expenditure (KJ/minute), Avg. WHR/min, Saving of cardiac cost (%), Reduction of drudgery (%), Increasing efficiency (%) |
| 7. | Final recommendation for micro level situation | The productivity of worker increase as compare to traditional implements |
| 8. | Constraints identified and feedback for research | Implement should be light weight |
| 9. | Process of farmers participation and their reaction | Diagnostic field visit, Method demonstration training |

Thematic area: Drudgery reduction

Problem definition: High drudgery involved in manual cleaning of Rice

Technology assessed: TO_1 - Cleaning of rice by using metallic sieve TO_2 - Cleaning of rice by using hanging type grain cleaner

Table: Results

| Technology option | No. of trials | | Yield component | | cardiac cost | of Avg. | of | Avg. | of |
|-------------------|---------------|--------------------------|-----------------------------|------------------|--------------|-------------------------------------|----|--|----|
| | | Cleaning output (kg/hrs) | Energy expenditure (KJ/min) | Avg. WHR/ min | work | percentage reduction drudgery | in | percentage increasing efficiency | |
| FP | 07 | 59 | 8.07 | 105 | 29.72 | 17.94% | | 60.66% | |
| TO ₁ | 07 | 86 | 7.57 | 102 | 26.52 | | | | |
| TO ₂ | 07 | 122 | 6.64 | 96 | 20.59 | | | | |

OFT-9

| Title of On farm Trial | Assessment of humic acid as a substitute for raw cow dung in community tanks |
|---|--|
| Problem diagnosed | No fertilizer and manuring schedule for community tank for sustainable natural food, Social issues |
| Details of technologies selected for assessment/refinement (Mention either Assessed or Refined) | TO1- Application of humic acid @ 1L/ac-m/month TO-2Application ofhumic acid @ 2L/ac-m/month |
| Source of Technology (ICAR/ AICRP/SAU/other, please specify) | Source : |
| Production system and thematic area | Production and management |
| Performance of the Technology with performance indicators | Plankton conc. (ml/50lit.), pH, avg body wt. |
| Final recommendation for micro level situation | Application of humic acid 1L/ac-m/month gives significant higer yield with less cost of production |
| Constraints identified and feedback for research | - |
| Process of farmers participation and their reaction | Method demonstration, training |
| | Problem diagnosed Details of technologies selected for assessment/refinement (Mention either Assessed or Refined) Source of Technology (ICAR/ AICRP/SAU/other, please specify) Production system and thematic area Performance of the Technology with performance indicators Final recommendation for micro level situation Constraints identified and feedback for research |

Thematic area: Production and Management

Problem definition: No fertilizer and manuring schedule for community tank for sustainable natural food, Social issues

Technology assessed:
FP-Only stocking of fish seed and no use of organic fertilizer
TO1- Application of humic acid @ 1L/ac-m/month

TO-2Application of humic acid @ 2L/ac-m/month

Table:

| Technology | No. of | | Yield component | | Yield | Cost o | | Net return | BC |
|------------|--------|-------------|-----------------|-----|--------|-------------|---------|------------|-------|
| option | trials | Avg body wt | Plankton conc | pН | | cultivation | (Rs/ha) | | ratio |
| | | (kg) | (ml/50lit.) | | (q/ha) | | | (Rs./ha) | |
| | | | | | | (Rs./ha) | | | |
| FP | 5 | 0.590 | 1.8-2.1 | 7.3 | 25.8 | 129000 | 258000 | 129000 | 2.0 |
| TO1 | 5 | 0.650 | 2.2-2.8 | 8.0 | 30.1 | 135000 | 301000 | 166000 | 2.23 |
| TO2 | 5 | 0.660 | 2.2-2.8 | 7.7 | 30.35 | 141000 | 303500 | 162500 | 2.15 |

Results: Application of humic acid 1lit./ac-m gives significantly higher net profit of Rs. 166000 as compared to Farmers practices and TO-2 though TO-2 gives higher yields.

3.2 Achievements of Frontline Demonstrations

A. Details of FLDs conducted during the year

Cereals

| Sl. No. | Crop | Thematic area7 | Technology Demonstrated with detailed treatments | Are | a (ha) | | | | | f farme onstrati | | | | | Reasons for shortfall in achievem ent |
|------------|-------------|--------------------------------------|---|--------------|--------|----|---|----|---|---------------------|----|------|----|----|--|
| | | | | Propo sed | Actual | SC | | ST | | Other | rs | Tota | al | | |
| | | | | | | M | F | M | F | M | F | M | F | T | |
| 1. | | Integrated Nutrient Management | Soil application of Azospirillum & PSB each @ 5kg/ha incubated with FYM + 75 % of RDF (120-60-80 :: NPK kg/ha) | 1.0 | 1.0 | - | - | - | - | 10 | 0 | 10 | - | 10 | |
| | Chili | | | | | | | | | | | | | | |
| 2. | Cauliflower | Integrated Nutrient Management | Application of FYM 10 ton /ha, NPK @ 125:50:75 kg/ha & foliar spray of Boron @ 0.2% at 20,35 & 50 DAT | 1.0 | 1.0 | - | - | - | - | 10 | 0 | 10 | - | 10 | |
| 3. | Bittergourd | Integrated Crop Management | Foliar application of ethrel @ 200 ppm at 2 to 4 leaf stage & amino acids during flowering stage | 1.0 | 1.0 | - | - | - | - | 10 | 0 | 10 | - | 10 | |
| 4. | Okra | Integrated Pest Management | Application of Spinosad @ 165ml/ha. | 2.0 | 2.0 | - | - | - | - | 10 | 0 | 10 | - | 10 | |
| 5. | Chili | Integrated Pest Management | Spraying of Diafenthurion @ 600 gram/ha. & acetamiprid @ 150 gram/ha. alternatively at 15 days interval | 2.0 | 2.0 | - | - | - | _ | 10 | 0 | 10 | - | 10 | |
| 6. | Beans | Integrated Disease Management | Destruction of infected leaves, Seed treatment with Trichoderma @ 5 gram/kg | 2.0 | 2.0 | - | - | - | - | 10 | 0 | 10 | - | 10 | |

| | | | of seed,spraying of Tebuconazole @ 500gram/ha. | | | | | | | | | | | |
|---|-------|----------------------------------|--|-----|-----|---|---|---|---|---|---|----|----|--|
| 7 | Mango | Integrated Pest Management | Installation of methyl eugenol trap @ 20/ha and application of poison bait (Malathion 50ml + jaggery 1Kg + 10lt. of water for 1ha) | | 2.0 | 2 | - | - | - | 8 | - | 10 | 10 | |
| 8 | Paddy | Integrated weed management | Application of herbicide pretilachlor + Bensulfuron methyl @ 10kg/ha within 3DAT | 2.0 | 2.0 | 3 | | | | 7 | | 10 | 10 | |

Details of farming situation

| Crop | Season | Farming situation (RF/Irrigated) | Soil type | | Status of so (Kg/ha) | oil | ious crop | Sowing date | Harvest date | nal rainfall (mm) | of rainy days |
|-------------|--------|--|---------------|-------|-------------------------|------------------|---------------|-------------|--------------------|----------------------|------------------|
| | N N | Fe sit | So | N | P_2O_5 | K ₂ O | Previous | Sow | Har | Seasonal (mn | No. |
| Chili | Kharif | Irrigated | Sandy loam | 187.6 | 9.4 | 128.3 | Chili | 3.8.18 | 1.11.18 onwards | 640.8 | 3 0 |
| Cauliflower | Rabi | Irrigated | Sandy loam | 207.3 | 8.2 | 146.4 | Okra | 24.9.18 | 10.01.1 | 248.8 | 9 |
| Bittergourd | Rabi | Irrigated | Sandy loam | 173.8 | 10.3 | 117.4 | Paddy | 24.12.18 | 20.2.19 | - | - |
| Okra | Kharif | Irrigated | Sandy loam | 135 | 14 | 165 | Brinjal | 08.06.18 | 28.09.1 8 | 640.8 | 3 0 |
| Chili | Rabi | Irrigated | Sandy loam | 142 | 16 | 176 | Paddy | 09.11.18 | 28.03.1 9 | 248.8 | 9 |
| Beans | Rabi | Irrigated | Sandy loam | 132 | 18 | 153 | Paddy | 04.11.18 | 26.02.1 8 | 248.8 | 9 |
| Mango | Rabi | Rainfed | Sandy loam | 119 | 22 | 165 | - | | | | |
| Paddy | Kharif | Rainfed | Sandy clay | 128 | 19 | 184 | Greengr am | 01.07.18 | 26.11.1 | 640.8 | 3 0 |

Performance of FLD

Oilseeds: Groundnut

Frontline demonstrations on oilseed crops

| Cron | Thematic | Name of the technology | No. of | Area | Yield | (q/ha) | % | *Ecor | nomics of (Rs. | demonstra /ha) | ation | *] | Economic (Rs./ | s of chech ha) | k |
|-----------|------------|-----------------------------------|---------|------|-------|--------|----------|-------|-------------------|-------------------|-------|-------|-------------------|-------------------|------|
| Crop | Area | demonstrated | Farmers | (ha) | Demo | Check | Increase | Gross | Gross | Net | ** | Gross | Gross | Net | ** |
| | ¥ | Y 10 1700Y 0444 | | | | | 12.0 | Cost | Return | Return | BCR | Cost | Return | Return | BCR |
| | Integrated | Improved Seed-ICGV-91114, | 75 | | | | 13.9 | 41000 | 92800 | 50200 | 2.26 | 36000 | 77200 | 43200 | |
| | Crop | treatment with Rhizobium @ 20 | | | | | | | | | | | | | |
| | • | gm./ Kg. of seed before one hour | | | | | | | | | | | | | |
| | Management | of sowing. | | | | | | | | | | | | | |
| | | Application of post emergence | | | | | | | | | | | | | |
| | | weedicide – Imazethapyr @ 750 | | | | | | | | | | | | | |
| | | ml/ha . Application of fertilizer | | | | | | | | | | | | | |
| | | NPK @20: 40 :40 kg /ha. as | | | | | | | | | | | | | |
| | | basal, Spraying of Hexaconazole | | | | | | | | | | | | | |
| | | @ 1lt./ha. for Tikka disease, | | | | | | | | | | | | | |
| | | Thiamethoxam @ 150gram/ha. | | | | | | | | | | | | | |
| Groundnut | | for sucking pests | | 30.0 | 21.2 | 18.6 | | | | | | | | | 2.14 |
| Total | | | 75 | 30.0 | 21.2 | 18.6 | 13.9 | 41000 | 92800 | 50200 | 2.26 | 36000 | 77200 | 43200 | 2.14 |

^{*} Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Pulses : Greengram

Frontline demonstration on pulse crops

| 2 2 2 2 | | • | | | Yield | (q/ha) | | *Econ | omics of o | | tion | *F | Economics | | k |
|-----------|------------|-------------------------------------|---------|------|-------|----------|-----------------|---------------|-----------------|---------------|------|---------------|----------------|------------|------|
| Crop | Thematic | Name of the technology demonstrated | No. of | Area | | (4, 114) | % In analasa | Cara | (Rs./l | | ** | C | (Rs./ Gross | ha) Net | ** |
| | Area | demonstrated | Farmers | (ha) | Demo | Check | Increase | Gross Cost | Gross Return | Net Return | BCR | Gross Cost | Return | Return | BCR |
| | Integrated | Improved Seed Var. IPM | 75 | | | | 45.09 | 15000 | 31000 | 16000 | 2.06 | 12500 | 22500 | 10000 | |
| | Crop | 02-03 | | | | | | | | | | | | | |
| | Management | treated with Rhizobium | | | | | | | | | | | | | |
| | C | @ 20 gm./ 1 Kg. of seed | | | | | | | | | | | | | |
| | | before | | | | | | | | | | | | | |
| | | one hour of sowing. | | | | | | | | | | | | | |
| | | Application of Water | | | | | | | | | | | | | |
| | | soluble fertilizer (N:P:K | | | | | | | | | | | | | |
| | | -19:19:19) @ 10 gm./ | | | | | | | | | | | | | |
| | | lt.at 25 & 40 DAS | | | | | | | | | | | | | |
| | | Spraying of | | | | | | | | | | | | | |
| | | Thiamethoxam @ 150 | | | | | | | | | | | | | |
| | | gm/ ha. for sucking | | | | | | | | | | | | | |
| | | pests, Spraying of Boron | | | | | | | | | | | | | |
| | | @ 1lt/ha. at the time of | | | | | | | | | | | | | |
| | | flowering.Need based | | | | | | | | | | | | | |
| | | application of Sulfex @ | | | | | | | | | | | | | |
| Greengram | | 2.5kg/ha.for powdery mildew disease | | 40.0 | 7.4 | 5.1 | | | | | | | | | 1.8 |
| | Total | minuew disease | 100 | 40.0 | 7.4 | 5.1 | 45.09 | 140000 | 20,000 | 15,000 | 2.11 | 10000 | 20.400 | 10400 | |
| | Total | | 100 | 40.0 | 7.4 | 3.1 | 43.07 | 140000 | 29600 | 15600 | 2.11 | 10000 | 20400 | 10400 | 2.04 |

^{*} Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Other crops

| Cron | Thematic | Name of the technology | No. of | Area | Yield (| (q/ha) | % change | Other pa | rameters | *Ecor | omics of o | | tion | *E | Economics (Rs./l | | |
|-------------|--------------------------------------|---|--------|------|------------------|--------|-------------|--|---|---------------|-----------------|---------------|-----------|---------------|---------------------|---------------|-----------|
| Crop | area | demonstrated | Farmer | (ha) | Demons ration | Check | in yield | Demo | Check | Gross Cost | Gross Return | Net Return | ** BCR | Gross Cost | Gross Return | Net Return | ** BCR |
| Chili | Integrated Nutrient Management | Integrated Nutrient Management in Chili | 10 | 1.0 | 92.1 | 79.4 | | No. of fruit/plant- 162 | No. of fruit/plant- 128 | 116800 | 230250 | 113450 | 1.97 | 115900 | 198500 | 82600 | 1.71 |
| Cauliflower | Integrated Nutrient Management | Integrated Nutrient Management in | 10 | 1.0 | 104.2 | 163.1 | | Curd wt 1.2 | Curd wt 0.9 | 79700 | 194300 | 114600 | 2.43 | 77300 | 163100 | 85800 | 211 |
| Bittergourd | Integrated Crop Management | Cauliflower Growth regulator in Bittergourd | 10 | 1.0 | 194.3 | 102.4 | | No. of fruit/plant- | No. of fruit/plant- | 120488 | 243800 | 123312 | 2.02 | 118538 | 204800 | 86262 | 1.7 |
| Okra | Integrated Pest Management | Integrated Pest Management in Okra | 10 | 1.0 | 104.6 | 94.3 | | Affected fruit % - 3.2 | Affected fruit % - 16.8 | 74400 | 167360 | 81440 | 2.25 | 70800 | 150880 | 70020 | 2.13 |
| Chili | Integrated Pest Management | Integrated Pest Management in Chili | 10 | 2.0 | 104.6 | 82.4 | | No. of thrips/twig- 1.2 No.of mites/leaf - 0.6 | No. of thrips/twig- 6.3, No.of mites/leaf - 5.2 | 75000 | 209200 | 134200 | 2.79 | 70000 | 164800 | 94800 | 2.35 |
| Beans | Integrated Disease Management | Integrated Disease Management in Beans | 10 | 2.0 | 94.2 | 82.6 | | Disease leaf = 3.4% | Disease leaf = 12.6% | 85000 | 188400 | 103400 | 2.2 | 82600 | 165200 | 83200 | 2.0 |
| Mango | Integrated Pest Management | Integrated Pest Man agement in Mango | 10 | 2.0 | 42.6 | 35.8 | 18.9 | Damaged fruit % = 3.2 | Damaged fruit % = 14.6 | 35000 | 85200 | 50200 | 2.43 | 32000 | 71600 | 39600 | 2.23 |
| Paddy | Integrated Weed Mangement | IWM in Paddy | 10 | 2.0 | 38.6 | 35.2 | 8.8 | No of weeds $/ m^2$ $- 8.4$ | No of weeds $/ m^2$ $- 32.8$ | 30000 | 65200 | 35200 | 2.17 | 31000 | 60350 | 29350 | 1.95 |
| - 200) | gement | Total | 80 | 12.0 | 23.0 | I | 1 2.0 | 3.1 | | l | | | | | | | |

Livestock

| Cotogomi | Thematic | Name of the technology | No. of | No.of | Maj param | | % change | Other pa | arameter | *Econ | omics of (R | | ation | *] | Economics (Rs | .) | |
|----------------|-----------------------|---|--------|-------|------------------------------|---------------------------------|-----------------------|------------------|-----------------|---------------|-----------------|---------------|-----------|---------------|------------------|---------------|-----------|
| Category | area | demonstrated | Farmer | units | Demons ration | Check | in major parameter | Demons ration | Check | Gross Cost | Gross Return | Net Return | ** BCR | Gross Cost | Gross Return | Net Return | ** BCR |
| Dairy | | | | | | | | | | | | | | | | | |
| Cow | | | | | | | | | | | | | | | | | |
| Buffalo | | | | | | | | | | | | | | | | | |
| Poultry | | | | | | | | | | | | | | | | | |
| Rabbitry | | | | | | | | | | | | | | | | | |
| Pigerry | | Demonstration | | | | | | | | | | | | | | | |
| Sheep and goat | Disease management | on deworming and supplement feeding on body weight gain of kids/ lambs | 11 | 11 | Body wt gain Kg 6.2 | Body wt gain Kg 7.4 | 19.35 | Mortality 30 | Mortality 8 | 27050 | 54600 | 27550 | 2.01 | 27550 | 102090 | 74540 | 3.7 |
| Duckery | Breed | Demonstration of Khakicampbell Duck for high profitability in backyard system | 5 | 5 | Body wt gain Kg 1.2 | Body wt gain Kg 1.8 | 50 | Mortality 32 | Mortality 16 | 5100 | 8610 | 3510 | 1.68 | 5100 | 15120 | 10020 | 2.96 |

| | | | | | | | | | | | | | | | | <u> </u> | |
|---------------------|----------------------|---|----|----|--------------------|--------------|------|---------------------------|---------------------------|----|-----|-----|-----|----|-----|----------|-----|
| Others (pl.specify) | Live stock nutrition | Demonstration of Azolla culture for feed management in cattle | 12 | 20 | Feed cost 80 | Feed cost 70 | 12.5 | Milk yield 10 L/day | Milk yield 10 L/day | 80 | 240 | 160 | 3.0 | 70 | 240 | 170 | 3.4 |
| Total | | | 28 | 36 | | | | | | | | | | | | | |

^{*} Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Fisheries

| Cotogogy | Thematic | Name of the technology | No. of | No.of | Maj param | | % change | Other par | rameter | *Econon | nics of den | nonstratio | n (Rs.) | *I | Economics (Rs. | | |
|----------|------------|------------------------|--------|-------|---------------|-------|-----------------------|------------------|---------|---------------|-----------------|---------------|-----------|---------------|-------------------|---------------|-----------|
| Category | area | demonstrated | Farmer | units | Demons ration | Check | in major parameter | Demons ration | Check | Gross Cost | Gross Return | Net Return | ** BCR | Gross Cost | Gross Return | Net Return | ** BCR |
| | Production | Demonstration | | | | 27.45 | | 0.855 | 0.615 | 214600 | 476400 | 261800 | 2.22 | 138500 | 288500 | 150000 | |
| | and | of floating | | | | | | | | | | | | | | | |
| | management | feed in | | | | | | | | | | | | | | | |
| | | composite | | | | | | | | | | | | | | | |
| | | pisciculture | | | | | | | | | | | | | | | |
| | | for | | | | | | | | | | | | | | | |
| | | growth | | | | | | | | | | | | | | | |
| | | enhancement | | | | | | | | | | | | | | | |
| IMC | | | 5 | - | 39.70 | | 44.6 | | | | | | | | | | 2.08 |

| | Production | Demonstration | | | | 29.6 | | | 146000 | 311000 | 165000 | 2.13 | 144000 | 282500 | 138500 | |
|---------------------|------------|----------------|----|---|------|-------|-------|--|--------|--------|--------|------|--------|--------|--------|------|
| | | | | | | 27.0 | | | 140000 | 311000 | 103000 | 2.13 | 144000 | 202300 | 130300 | 1 |
| | and | on | | | | | | | | | | | | | | 1 |
| | management | multimineral | | | | | | | | | | | | | | 1 |
| | | (Envomin) for | | | | | | | | | | | | | | |
| | | faster growth | | | | | | | | | | | | | | |
| | | rate and | | | | | | | | | | | | | | |
| | | high | | | | | | | | | | | | | | 1 |
| | | weight gain of | | | | | | | | | | | | | | 1 |
| | | fish | | | | | | | | | | | | | | |
| IMC | | | 5 | - | 24.8 | | 19.35 | | | | | | | | | 1.96 |
| IIVIC | Production | Demonstration | | | | 29.75 | | | 146600 | 328350 | 181750 | 2.24 | 133500 | 283000 | 149500 | |
| | and | of Java Punti | | | | | | | | | | | | | | |
| | management | (P. | | | | | | | | | | | | | | |
| | | gonionotus) | | | | | | | | | | | | | | |
| | | within 3 | | | | | | | | | | | | | | |
| | | species IMC | | | | | | | | | | | | | | 1 |
| | | culture | | | | | | | | | | | | | | |
| | | for | | | | | | | | | | | | | | 1 |
| Others (pl.specify) | | higher income | 5 | - | 34.5 | | 16.0 | | | | | | | | | 2.12 |
| Ornamental | | | | | | | | | | | | | | | | |
| fishes Others | | | | | | | | | | | | | | | | |
| (pl.specify) | | | | | | | | | | | | | | | | |
| | | Total | 15 | | | | | | | | | | | | | |

^{*} Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Other enterprises

| | | | | | | | | | | | | | | | 3 3 | | |
|-----------------------------|------------------|-------------|----------|--------------------|-------------------|--------------|---------------------|---------------|-------|----------|----------|-------|-------|----------|------------|-----|----|
| | Name of the | | | Major na | rameters | % change | Other n | arameter | *Ecor | | demonstr | ation | *] | | s of check | k | |
| Category | technology | No. of | No.of | wagor pe | d'unicters | in major | Other pe | arameter | | (Rs.) or | Rs./unit | | | (Rs.) or | Rs./unit | | |
| Category | demonstrated | Farmer | units | Demons | Check | parameter | Demons | Check | Gross | Gross | Net | ** | Gross | Gross | Net | ** | |
| | | | | ration | | 1 | ration | | Cost | Return | Return | BCR | Cost | Return | Return | BC | K |
| | Enterprise | | | | Yield/Bed(kg) | | Biological | Biological | 37 | 98 | 61 | 2.0 | 70 | 164 | 94 | | |
| | development | | | Yield/Bed(kg) | 1.2 | | efficiency(%) | efficiency(%) | | | | | | | | i I | |
| Paddy straw | | 10 | 10 | 0.7 | | | 12 | 8 | | | | | | | | 2 | 3 |
| mushroom | | 10 | 10 | 0.7 | | | 12 | 0 | | | | | | | | | ر. |
| Button | | | | | | | | | | | | | | | | | |
| mushroom | | | | | | | | | | | | | | | | | |
| Vermicompost | | | | | | | | | | | | | | | | Ш | |
| Sericulture | | | | | | | | | | | | | | | | Ш | |
| Apiculture | | | | | | | | | | | | | | | | i I | |
| | Value | | | Keeping | Keeping | | | | 65 | 110 | 55 | 1.7 | 30 | 40 | 10 | | |
| Others | addition of | | | quality | quality | | | | | | | | | | | | |
| | Ragi | | | quality | quality | | | | | | | | | | | 1 | |
| (pl.specify) Ragi powder | | 10 | 10 | | | | | | | | | | | | | 1 | .3 |
| | Total | 20 | 20 | | | • | | | • | | • | | | | | | |
| * Eco | onomics to be wo | orked out l | pased on | total cost of prod | uction per unit a | ea and not o | n critical inputs a | alone. | | | | | | | | | _ |
| | CR= GROSS RE | | | | r | | | | | | | | | | | | |
| | ci. ci.obb ni | | | | | | | | | | | | | | | | |

Women empowerment

| Catalana | N Caratanata | N. C. Lancauter Cons | Observat | tions | D 1 . |
|-----------------|--------------------|-----------------------|---------------------|-------|---------|
| Category | Name of technology | No. of demonstrations | Demonstration Check | | Remarks |
| Farm Women | | | | | |
| Pregnant women | | | | | |
| Adolescent Girl | | | | | |
| Other women | | | | | |
| Children | | | | | |
| Neonatal | | | | | |
| Infants | | | | | |

Farm implements and machinery

| Name of the implement Crop | Cron | Name of the | No. of | Area (ha) | Filed obs (output/m | | % change in | Labor reduction (man days) | | | | Cost | ost reduction (Rs./ha or Rs./Unit) | | | |
|----------------------------|------|----------------------------|--------|--------------|------------------------|-------|-----------------|----------------------------|--|--|--|------|---------------------------------------|--|--|--|
| | Сгор | technology demonstrated | Farmer | | Demons ration | Check | major parameter | | | | | | | | | |
| | | | | | | | | | | | | | | | | |

^{*} Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Demonstration details on crop hybrids

| Crop | Name of the Hybrid | No. of farmers | Area (ha) | Yield (kg/ha) / i | major para | ameter | Economics (Rs./ha) | | | |
|----------------------|--------------------------|----------------|-----------|-------------------|-------------|-------------|--------------------|-----------------|---------------|-----|
| Cereals | | | | Demo | Local check | % change | Gross Cost | Gross Return | Net Return | BCR |
| Bajra | | | | | | | | | | |
| Maize | | | | | | | | | | |
| Paddy | | | | | | | | | | |
| Sorghum | | | | | | | | | | |
| Wheat | | | | | | | | | | |
| Others (Pl. specify) | | | | | | | | | | |
| Total | | | | | | | | | | |
| Oilseeds | | | | | | | | | | |
| Castor | | | | | | | | | | |
| Mustard | | | | | | | | | | |
| Safflower | | | | | | | | | | |
| Sesame | | | | | | | | | | |
| Sunflower | | | | | | | | | | |
| Groundnut | | | | | | | | | | |
| Soybean | | | | | | | | | | |
| Others (Pl. specify) | | | | | | | | | | |
| Total | | | | | | | | | | |

| | | 1 | | 1 | 1 | T | |
|----------------------|--|---|--|---|---|---|--|
| Pulses | | | | | | | |
| Greengram | | | | | | | |
| Blackgram | | | | | | | |
| Bengalgram | | | | | | | |
| Redgram | | | | | | | |
| Others (Pl. specify) | | | | | | | |
| Total | | | | | | | |
| Vegetable crops | | | | | | | |
| Bottle gourd | | | | | | | |
| Capsicum | | | | | | | |
| Cucumber | | | | | | | |
| Tomato | | | | | | | |
| Brinjal | | | | | | | |
| Okra | | | | | | | |
| Onion | | | | | | | |
| Potato | | | | | | | |
| Field bean | | | | | | | |
| Others (Pl. specify) | | | | | | | |
| Total | | | | | | | |
| Commercial crops | | | | | | | |
| Cotton | | | | | | | |
| Coconut | | | | | | | |
| Others (Pl. specify) | | | | | | | |
| | | | | | | | |
| Total | | | | | | | |
| Fodder crops | | | | | | | |
| Napier (Fodder) | | | | | | | |
| Maize (Fodder) | | | | | | | |
| Sorghum (Fodder) | | | | | | | |
| Others (Pl. specify) | | | | | | | |
| Total | | | | | | | |
| | | • | | | | | |

Technical Feedback on the demonstrated technologies

| Sl. No | Crop | Feed Back |
|--------|---------------------|---|
| 1 | Dairy | Azolla can be utilized as alternative & cheap protein source |
| 2 | Goat | Deworming and supplement feeding reduced kid mortality and increased body weight gain |
| 3 | Duck | Khaki Campbell has better adaptability in backyard pond system |
| 3 | IMC | Commercial available floating feed (crude protein 30%) can be use as supplementary feed for increase yield in a stipulated time period. |
| 4 | IMC , P. gonionotus | P. goniontus is highly preferable by consumer for its taste and is compatible with IMC in polyculture system |
| 5 | IMC | Incorporation of vit. Mineral in fish pond increase plankton yield which ultimateky increase yield in fish pond |

Extension and Training activities under FLD- Fishery

| Sl.No. | Activity | Date | No. of activities organized | Number of participants | Remarks |
|--------|--------------------------------------|------------|-----------------------------|------------------------|---------|
| 1. | Field days | Field days | 28.3.19 | 1 | 50 |
| 2. | Farmers Training | | | | |
| 3. | Media coverage | | | | |
| 4. | Training for extension functionaries | | | | |

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif 2018 and Rabi 2018-19:

A. Technical Parameters:

| Sl. | Crop | Existing | Existi | Yield | l gap (l | Kg/ha) | Name of | Numb | Are | Yiel | d obta | ined | Yield gap | | |
|-----|-----------|----------|--------|--------|----------|---------|-------------|-------|------|----------|--------|------|-----------|----------|---|
| N | demonstra | (Farmer | ng | | w.r.to | ı | Variety + | er of | a in | (q/ha) | | | minimized | | |
| 0. | ted | 's) | yield | Distri | Stat | Potenti | Technology | farme | ha | | | | (%) | | |
| | | variety | (q/ha) | ct | e | al | demonstrate | rs | | Ma | Mi | Av | D | S | P |
| | | name | | yield | yiel | yield | d | | | х. | n. | | | | |
| | | | | (D) | d | (P) | | | | | | | | | |
| | | | | | (S) | | | | | | | | | | |
| | Groundnut | TMV-2 | | | | | Improved | 70 | 30 | | | | | | |
| | | | | | | | Seed- | | | | | | | | |
| 1 | | | | | | | ICGV- | | | | | | | | |
| | | | | | | | 91114, | | | | | | | | |
| | | | | | | | treatment | | | | | | | | |
| | | | | | | | with | | | | | | | | |
| | | | | | | | Rhizobium | | | | | | | | |
| | | | | | | | @ 20 gm./ | | | | | | | | |
| | | | | | 193 | | Kg. of seed | | | 23. | 17. | 21. | 1 | 12. | |
| | | | 18.6 | 1928 | 193 | 2300 | before one | | | 23. 6 | 2 | 8 | 1 3 | 12. 6 | |
| | | | | | 0 | | hour of | | | 0 | 2 | 0 | 3 | 0 | |
| | | | | | | | sowing. | | | | | | | | |
| | | | | | | | Application | | | | | | | | |
| | | | | | | | of post | | | | | | | | |
| | | | | | | | emergence | | | | | | | | |
| | | | | | | | weedicide - | | | | | | | | |
| | | | | | | | Imazethapy | | | | | | | | |
| | | | | | | | r @ 750 | | | | | | | | |
| | | | | | | | ml/ha . | | | | | | | | |

| | 57 |
|--|---------------|
| | Application |
| | of fertilizer |
| | NPK @20: |
| | 40 :40 kg |
| | /ha. as |
| | basal, |
| | Spraying |
| | of |
| | Hexaconaz |
| | ole @ |
| | 1lt./ha. for |
| | Tikka |
| | disease, |
| | Thiamethox |
| | am @ |
| | 150gram/ha |
| | . for |
| | sucking |
| | pests |
| | |

B. Economic parameters

| | Есопоние рагашен | .13 | | | | | | | |
|-----|-------------------|---------|------------|---------------|-------|---------|----------|------------|-------|
| Sl. | Variety | | Farmer's E | Existing plot | | | Demonstr | ation plot | |
| No. | demonstrated & | | | | | | | | |
| | Technology | Gross | Gross | Net | B:C | Gross | Gross | Net | B:C |
| | demonstrated | Cost | return | Return | ratio | Cost | return | Return | Ratio |
| | | (Rs/ha) | (Rs/ha) | (Rs/ha) | | (Rs/ha) | (Rs/ha) | (Rs/ha) | |
| 1 | Improved Seed- | 36000 | 77200 | 43200 | 2.14 | 41000 | 92800 | 50200 | 2.26 |
| | ICGV-91114, | | | | | | | | |
| | treatment with | | | | | | | | |
| | Rhizobium @ 20 | | | | | | | | |
| | gm./ Kg. of seed | | | | | | | | |
| | before one hour | | | | | | | | |
| | of sowing. | | | | | | | | |
| | Application of | | | | | | | | |
| | post emergence | | | | | | | | |
| | weedicide – | | | | | | | | |
| | Imazethapyr @ | | | | | | | | |
| | 750 ml/ha . | | | | | | | | |
| | Application of | | | | | | | | |
| | fertilizer | | | | | | | | |
| | NPK @20: 40 | | | | | | | | |
| | :40 kg /ha. as | | | | | | | | |
| | basal, Spraying | | | | | | | | |
| | of Hexaconazole | | | | | | | | |
| | @ 11t./ha. for | | | | | | | | |
| | Tikka disease, | | | | | | | | |
| | Thiamethoxam | | | | | | | | |
| | @ 150gram/ha. | | | | | | | | |
| | for sucking pests | | | | | | | | |

C. Socio-economic impact parameters

| Sl. | Crop and | Total | Produce sold | Selling | Produce | Produce | Purpose | Employment |
|-----|--------------|----------|----------------|---------|----------|-------------|------------|----------------|
| No. | variety | Produce | (Kg/household) | Rate | used for | distributed | for which | Generated |
| | Demonstrated | Obtained | | | own | to other | income | (Mandays/house |
| | | (kg) | | (Rs/Kg) | sowing | farmers | gained was | hold) |
| | | | | | (Kg) | (Kg) | utilized | |
| 1 | Groundnut | | | | | | -For next | |
| | Var. ICGV- | | | | | | season | |
| | 91114 | | | | | | crop | |
| | | | | | | | - | 122/Household |
| | | 6,54,000 | 8610 | 40 | 4500 | 3750 | Household | 122/Household |
| | | | | | | | expenses | |
| | | | | | | | - | |
| | | | | | | | Children's | |
| | | | | | | | education | |

D. Oilseed Farmers' perception of the intervention demonstrated

| р. (| Dilseed Farmers' j | perception of | the interventio | n demonstrated | l | | |
|------|--------------------|---------------|-----------------|----------------|--------------|---------------|------------------------|
| Sl. | Technologies | | | Farmers' Pe | rception par | ameters | |
| No. | demonstrated | Suitability | Likings | Affordability | Any | Is | Suggestions, for |
| | (with name) | to their | (Preference) | | negative | Technology | change/improvement, |
| | | farming | | | effect | acceptable to | if any |
| | | system | | | | all in the | |
| | | | | | | group/village | |
| 1. | -Improved | | | | | | |
| | Seed var. | | | | | | |
| | ICGV 91114 | Groundnut | -Farmers | | | | |
| 2. | Seed treatment | is a major | preferred the | | | | |
| | with Rhizobium | oilseed | bold and | | | | |
| | @ 20 gm./Kg | crop of the | color of the | | | | |
| | of seed 1 hour | district and | seed | | | | Herbicides and Plant |
| | before sowing, | is | -They are | | | | protection chemicals |
| | -Fertilizer dose | cultivated | quite | | | | must be available on |
| 3. | N:P:K:: | in ha. This | satisfied | All inputs are | | Yes | subsidized rate at |
| | 20:40:40 kg/ ha | variety is | with the | affordable | - | 168 | block level so that |
| | as basal | variety is | shelling | | | | cost of production can |
| | -Spraying of | suitable to | percentage | | | | be minimized. |
| 4. | Hexaconazle@ | the | -They | | | | be minimized. |
| | 1 lt/ ha. for | existing | preferred the | | | | |
| | Tikka disease, | | variety due | | | | |
| 5. | -Thiamethoxam | farming | its oil | | | | |
| | @ 150 gm/ha | system | content | | | | |
| | for sucking | | | | | | |
| | pests. | | | | | | |

E. Specific Characteristics of Technology and Performance

| Specific Characteristic | Performance | Performance of Technology | Farmers Feedback |
|-----------------------------|-------------|---------------------------|----------------------------|
| | | vis-a vis Local Check | |
| | | | |
| | 1 | 3 | Required 02 nos less |
| Tolerant to moisture stress | | | irrigation as compared to |
| | | | local var. |
| | 23.4 | 18.3 | Pods are bigger in size as |
| No. of pods are more | | | compared to existing var. |
| | | | and no. of pods are more |
| Tikka disease incidence % | 2.4 | 14.3 | Satisfied with the variety |

| | as | pesticide | cost | is |
|--|------|-----------|------|----|
| | redu | iced | | |

F. Extension activities under FLD conducted:

| Sl. No. | Extension Activities organized | Date and place of activity | Number of farmer attended |
|---------|--------------------------------|--|----------------------------|
| 1 | Group meeting | 7.1.19 (Patulisahi) 9.1.19 (Phulasarapalli), 10.1.19 (Dihapadhala) 11.1.19 (Badagada), 13.1.19- (Kamabakhrea) | 8,25,12,16,12 Total: 73 |
| 2 | Diagnostic field visit | 5.2.19 (Patulisahi), 7.2.19(Phulasarapalli), 8.02.19 (Dihapadhala) 10.2.19 (Badagada & Kama Bakhera) | 7,30,8,15 Total: 60 |
| 3 | Method demonstration | 8.1.19 (Patulisahi) 12.1.19 (Phulasarapalli), 15.1.19 (Badagada & Kama Bakhera) | 10,25,18 Total: 53 |
| 4 | Field Day | 18.3.19 (Badagada) 20.3.19 (Phulasarapalli) | 100 |

G. Sequential good quality photographs (as per crop stages i.e. growth & development)







H. Farmers' training photographs

I. Quality Action Photographs of field visits/field days and technology demonstrated.



J. Details of budget utilization

| Crop (provide crop wise information) | Items | Budget Received (Rs.) | Budget Utilization (Rs.) | Balance (Rs.) |
|--------------------------------------|--|-----------------------------|--------------------------------|------------------|
| Groundnut | i) Critical input | 322800 | 310933 | 11867 |
| | ii) TA/DA/POL etc. for monitoring | 10500 | 10500 | Nil |
| | iii) Extension Activities (Field day) | 10500 | 10500 | Nil |
| | iv)Display board,flex | 12000 | 7200 | 4800 |
| | V)office contingency, Misc. exp. | 3000 | 2293 | 707 |
| | Total | 358800 | 341426 | 17374* |

*Balance amount refunded to Comptroller, OUAT

B. Technical Parameters:

| | | Existin | | Yield | d gap (Kg w.r.to | /ha) | Name of | Nu mb | | obta | eld ined | | Yield ninir | nize | |
|----------|--------------------------|--|------------------------------|------------------------------|-----------------------|----------------------|---|-----------------------------|-------------------|-------|-------------|--------|----------------|-------------|------|
| l. No | Crop demon strated | g (Farm er's) variety name | Existin g yield (q/ha) | Distri ct yield (D) | State yield (S) | Pote ntial yield (P) | Variety + Techno logy demons trated | er of far mer s | Are a in ha | Ma x. | Min. | A v | (% D | 6) S | P |
| 1 | Grengra m | PDM 139 | 5.1 | 4.6 | 4.8 | 7.0 | Improv ed Seed Var. IPM 02-03 treated with Rhizobi um @ 20 gm./ 1 Kg. of seed before one hour of sowing. Applica tion of Water soluble fertilize r (N:P:K - 19:19:1 9) @ 10 gm./ lt.at 25 & 40 DAS Sprayin g of Thiame thoxam @ 150 gm/ ha. for sucking pests, Sprayin g of Boron @ 1lt/ha. | 100 | 40 | 7.8 | 5.7 | 7.4 | 1 0 0 | 1 0 0 | 10 0 |

| | | | | | | | |
|--|--|--|----------|------|--|--|------|
| | | | at the | | | | |
| | | | time of | | | | |
| | | | floweri | | | | |
| | | | ng.Nee | | | | |
| | | | d based | | | | |
| | | | applicat | | | | |
| | | | ion of | | | | |
| | | | Sulfex | | | | |
| | | | @ | | | | |
| | | | 2.5kg/h | | | | |
| | | | a.for | | | | |
| | | | powder | | | | |
| | | | y | | | | |
| | | | mildew | | | | |
| | | | disease. | | | | |

B. **Economic parameters**

| Sl. | Variety demonstrated & | | Farmer's Ex | isting plot | | | Demonstra | tion plot | |
|-----|---|--------------------------|----------------------------|--------------------------|--------------|--------------------------|----------------------------|--------------------------|--------------|
| No. | Technology demonstrated | Gross Cost (Rs/ha) | Gross return (Rs/ha) | Net Return (Rs/ha) | B:C ratio | Gross Cost (Rs/ha) | Gross return (Rs/ha) | Net Return (Rs/ha) | B:C ratio |
| 1 | Improved Seed Var. IPM 02-03 treated with Rhizobium @ 20 gm./ 1 Kg. of seed before one hour of sowing. Application of Water soluble fertilizer (N:P:K - 19:19:19) @ 10 gm./ lt.at 25 & 40 DAS Spraying of Thiamethoxam @ 150 gm/ ha. for sucking pests, Spraying of Boron @ 1lt/ha. at the time of flowering.Need based application of Sulfex @ 2.5kg/ha.for powdery mildew disease | 10000 | 20400 | 10400 | 2.04 | 140000 | 29600 | 15600 | 2.11 |

C. Socio-economic impact parameters

| SI. No. | Crop and variety Demonstrate d | Total Produce Obtained (kg) | Produce sold (Kg/househol d) | Selling Rate (Rs/Kg) | Produce used for own sowing (Kg) | Produce distributed to other farmers (Kg) | Purpose for which income gained was utilized | Employment Generated (Mandays/h ouse hold) |
|------------|---|--------------------------------------|------------------------------------|----------------------------|--|---|--|---|
| 1 | Greengram Var. IPM 02-03 | 29600 | 186 | 40 | 3000 | 8000 | -For next season crop - Househol d expenses -purchase of small implemen ts | 86/Househol d |

D. Farmers' perception of the intervention demonstrated

| | | | Farm | ers' Perceptio | n parameters | | |
|------------------------|---|---|--|----------------------|---------------------------|--|--|
| Sl. No. | Technologies demonstrated (with name) | Suitability to their farming system | Likings (Preference | Affordabil ity | Any negative effect | Is Technolog y acceptable to all in the group/villa ge | Suggestio ns, for change/im provement , if any |
| 1. 2 3 4 5 | -Improved seed Var: IPM 02-03 -Seed treatment with Rhizobium @ 20 gm./ 1 Kg. of seed before one hour of sowing - Application of Water soluble fertilizer (N:P:K -19:19:19)@ 10gram/lt Spraying of Thiamethoxam for controlling sucking pest - Need based application of Sulfex for controlling Powdery mildew Application of Boron @ 1kg/ha. at the time of flowering. | Greengram is a major crop of the district and is cultivated in 1.5 lakh ha. This variety is very much suitable to the existing farming system | -Farmers preferred the bold and green color of the seed -They are quite satisfied with the aroma of the dal prepared from the seed -Most significantl y they preferred the variety due to its tolerance to YMV | Easily affordable | - | Yes | |

E. Specific Characteristics of Technology and Performance

| Specific | | Performance of | |
|-------------------------|-------------|----------------------|---|
| Specific Characteristic | Performance | Technology vis-a vis | Farmers Feedback |
| Characteristic | | Local Check | |
| It is tolerant to | = | 18 | YMV is a major challenge in Greengram. |
| YMV-YMV % | | | This new var. is performing well as its |
| 1 IVI V - 1 IVI V 70 | | | tolerant to YMV |
| No. of pods are | 18.4 | 9.6 | Pods are bigger in size as compared to |
| more | | | existing var. and no. of pods are more |
| High yielding | 7.4 | 5.1 | |

F. Extension activities under FLD conducted till dates:

| Sl. No. | Extension Activities organized | Date and place of activity | Number of farmer attended |
|---------|--------------------------------|--|------------------------------|
| 1 | Group meeting | 16.11.18 (padmapur) 17.11.18 (A. Barida), 15.11.18 (Hatigada) 22.11.18 (Badagada),28.11.18(patulisahi) | 20, 24, 18, 24 Total: 86 |
| 2 | Diagnostic field visit | 08.01.19(hatigada),18.01.19(Patulisah i)24.01.19(A. Barida),25.01.19(Padmapur),19.01.19(badagada),08.02.19(haigada, A. Barida),16.02.19(Padmapur,Badagada) | 31, 25, 35, 19 Total: 110 |
| 3 | Method demonstration | 12.12.18 (A.Barida), 03.12.18 (Padmapur) 07.12.18 (Hatigada) ,17.12.189Badagada) ,21.12.18(patulisahi) | 25, 21, 35 Total: 81 |
| 4 | Field Day | 15.03.19 (Badagada) and 19.03.19(patulisahi) | 100 |

8. Sequential good quality photographs (as per crop stages i.e. growth & development)





10. Quality Photographs of field visits/field days and technology demonstrated.



11. Details of budget utilization

| Crop (provide crop wise information | Items | Budget Received (Rs.) | Budget Utilization (Rs.) | Balance (Rs.) |
|--|--|-----------------------------|--------------------------------|------------------|
| | i) Critical input | 324000 | 222528 | 101472 |
| | ii) TA/DA/POL etc. for monitoring | 12000 | 12000 | - |
| | iii) Extension Activities (Field day) | 10000 | 10000 | - |
| | iv)Display board,flex | 10000 | 7200 | 2800 |
| | V)office contingency, Misc. exp. | 4000 | 3243 | 757 |
| | Total | 360000 | 254971 | 105029* |

^{*}Refunded to the Comptroller, OUAT, BBSR

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

A) Farmers and farm women (on campus)

| Thematic Area | No. of | | | | | | | | | | Gran | d Total | |
|---------------------------------------|---------|----|---|----|---|---|---|---|---|---|------|---------|----|
| | Courses | | | | | | | | | | | | |
| | 1 | M | F | T | M | F | T | M | F | T | M | F | T |
| I. Crop Production | | | | | | | | | | | | | |
| Weed Management | | | | | | | | | | | | | |
| Resource Conservation Technologies | | | | | | | | | | | | | |
| Cropping Systems | | | | | | | | | | | | | |
| Crop Diversification | | | | | | | | | | | | | |
| Integrated Farming | | | | | | | | | | | | | |
| Water management | | | | | | | | | | | | | |
| Seed production | | | | | | | | | | | | | |
| Nursery management | | | | | | | | | | | | | |
| Integrated Crop Management | 1 | 14 | 3 | 17 | 5 | 3 | 8 | | | | 19 | 6 | 25 |
| Fodder production | | | | | | | | | | | | | |
| Production of organic inputs | | | | | | | | | | | | | |
| Others, (cultivation of crops) | | | | | | | | | | | | | |
| II. Horticulture | | | | | | | | | | | | | |
| a) Vegetable Crops | | | | | | | | | | | | | |
| Integrated nutrient management | | | | | | | | | | | | | |
| Water management | | | | | | | | | | | | | |
| Enterprise development | | | | | | | | | | | | | |
| Skill development | | | | | | | | | | | | | |
| Yield increment | | | | | | | | | | | | | |
| Production of low volume and high | | | | | | | | | | | | | |
| value crops | | | | | | | | | | | | | |
| Off-season vegetables | | | | | | | | | | | | | |
| Nursery raising | | | | | | | | | | | | | |
| Export potential vegetables | | | | | | | | | | | | | |
| Grading and standardization | | | | | | | | | | | | | |
| Protective cultivation (Green Houses, | | | | | | | | | | | | | |
| Shade Net etc.) | | | | | | | | | | | | | |

^{*}Refunded to the Comptroller, OUAT, BBSR

| Thematic Area | No. of | | | N | lo. of | Partici | pants | | | | Grand | d Total | 45 |
|---|---------|---|-------|---|--------|---------|-------|---|----|---|-------|---------|--|
| | Courses | | Other | | | SC | | | ST | | | | |
| | | M | F | T | M | F | T | M | F | T | M | F | T |
| Others, if any (Cultivation of | | | | | | | | | | | | | |
| Vegetable) | | | | | | | | | | | | | |
| Training and Pruning | | 1 | | | | | | | | | | | <u> </u> |
| b) Fruits | | 1 | | | | | | | | | | | <u> </u> |
| Layout and Management of Orchards | | | | | | | | | | | | | |
| Cultivation of Fruit | | | | | | | | | | | | | |
| Management of young plants/orchards | | 1 | | | | | | | | | | | <u> </u> |
| Rejuvenation of old orchards | | - | | | | | | | | | | | |
| Export potential fruits | | 1 | | | | | | | | | | | |
| Micro irrigation systems of orchards | | - | | | | | | | | | | | |
| Plant propagation techniques | | | | | | | | | | | | | |
| Others, if any(INM) | | 1 | | | | | | | | | | | |
| c) Ornamental Plants | | 1 | | | | | | | | | | | |
| Nursery Management | | 1 | | | | | | | | | | | |
| Management of potted plants | | 1 | | | | | | | | | | | |
| Export potential of ornamental plants | 1 | | | | 1 | | | | | | | | |
| Propagation techniques of Ornamental Plants | | | | | | | | | | | | | |
| Others, if any | 1 | | | | 1 | | | | | | | | |
| d) Plantation crops | | | | | 1 | | | | | | | | |
| Production and Management | | | | | 1 | | | | | | | | |
| technology | | | | | | | | | | | | | |
| Processing and value addition | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| e) Tuber crops | | - | | | | | | | | | | | |
| Production and Management | | | | | | | | | | | | | |
| technology | | | | | | | | | | | | | |
| Processing and value addition | | 1 | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| f) Spices | | | | | | | | | | | | | |
| Production and Management | | | | | | | | | | | | | |
| technology | | | | | | | | | | | | | |
| Processing and value addition | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| g) Medicinal and Aromatic Plants | | | | | | | | | | | | | |
| Nursery management | | | | | | | | | | | | | |
| Production and management | | | | | | | | | | | | | |
| technology | | | | | | | | | | | | | |
| Post harvest technology and value | | | | | | | | | | | | | |
| addition | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| III. Soil Health and Fertility | | | | | | | | | | | | | |
| Management | | | | | | | | | | | | | |
| Soil fertility management | | | | | | | | | | | | | |
| Soil and Water Conservation | | | | | | | | | | | | | |
| Integrated Nutrient Management | | | | | | | | | | | | | |
| Production and use of organic inputs | | | | | 1 | | | | | | | | <u> </u> |
| Management of Problematic soils | | | | | 1 | | | | | | | | <u> </u> |
| Micro nutrient deficiency in crops | | | | | | | | | | | | | |
| Nutrient Use Efficiency | | | | | 1 | | | | | | | | <u> </u> |
| Soil and Water Testing | | | | | 1 | | | | | | | | <u> </u> |
| Others, if any | | | | | | | | | | | | | <u> </u> |
| IV. Livestock Production and | | | | | | | | | | | | | |
| Management | | | | | 1 | | | | | | | | |
| Dairy Management | | | | | 1 | | | | | | | | <u> </u> |
| Poultry Management | | | | | 1 | | | | | | | | <u> </u> |
| Piggery Management | | | | | 1 | | | | | | | | <u> </u> |
| Rabbit Management | | | | | 1 | | | | | | | | <u> </u> |
| Disease Management | | | | | | | | | | | | | |

| Thematic Area | No. of | | | N | o. of | Partici | pants | | | | Gran | d Total | |
|---|---------|----|-------|----|-------|---------|-------|----|----|----|------|---------|--|
| | Courses | | Other | | | SC | | | ST | | | | |
| | | M | F | T | M | F | T | M | F | T | M | F | T |
| Feed management | | | | | | | | | | | | | |
| Production of quality animal products | | | | | | | | | | | | | |
| Others, if any Goat farming | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | |
| Enterprise development | | | | | | | | | | | | | |
| Value addition | | | | | | | | | | | | | |
| Income generation activities for | 1 | | 25 | | | | | | | | | 25 | 25 |
| empowerment of rural Women | 1 | L | 25 | 25 | L | | | L | L | | | | |
| Location specific drudgery reduction | 1 | | 22 | 22 | | 2 | 3 | | | | | 25 | 25 |
| technologies | 1 | | 22 | 22 | | 3 | 3 | | | | | | |
| Rural Crafts | | | | | | | | | | | | | |
| Capacity building | | | | | | | | | | | | | |
| Women and child care | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| VI.Agril. Engineering | | | | | | | | | | | | | |
| Installation and maintenance of micro | | | | | | | | | | | | | |
| irrigation systems | | | | | | | | | | | | | |
| Use of Plastics in farming practices | | | | | | | | | | | | | |
| Production of small tools and | | | | | | | | | | | | | |
| implements Repair and maintenance of farm | | | | | | | | | | | | | |
| machinery and implements | | | | | | | | | | | | | |
| Small scale processing and value | | | | | | | | | | | | | |
| addition | | | | | | | | | | | | | |
| Post Harvest Technology | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| VII. Plant Protection | 4 | 70 | 9 | 79 | | | | 14 | 7 | 21 | 84 | 16 | 100 |
| Integrated Pest Management | 1 | 13 | 4 | 17 | | | | 5 | 3 | 8 | 18 | 7 | 25 |
| Integrated Disease Management | | | | | | | | | | | | | |
| Bio-control of pests and diseases | | | | | | | | | | | | | |
| Production of bio control agents and | | | | | | | | | | | | | |
| bio pesticides | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| VIII. Fisheries | | 1 | | | | | | | | | | | igsquare |
| Integrated fish farming | | | | | | | | | | | | | |
| Carp breeding and hatchery | | | | | | | | | | | | | |
| management | | | | | | | | | | | | | |
| Carp fry and fingerling rearing | 1 | 22 | 0 | 22 | _ | | _ | | 0 | 0 | 25 | 0 | 25 |
| Composite fish culture & fish disease | 1 | 23 | 0 | 23 | 2 | 0 | 2 | 0 | 0 | 0 | 25 | 0 | 25 |
| Fish feed preparation & its application to fish pond, like nursery, rearing & | | | | | | | | | | | | | |
| stocking pond | | | | | | | | | | | | | |
| Hatchery management and culture of | | | | | | | | | | | | | $\vdash \vdash \vdash$ |
| freshwater prawn | | | | | | | | | | | | | |
| Breeding and culture of ornamental | | | | | | | | | | | | | $\vdash \vdash \vdash$ |
| fishes | | | | | L | | | L | L | | | | |
| Portable plastic carp hatchery | | | | | | | | | | | | | |
| Pen culture of fish and prawn | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

| Thematic Area | No. of | | | N | o. of l | Particip | oants | | | | Grand | d Total | |
|---|---------|-----|-------|-----|---------|----------|-------|----|----|----|--------|---------------|-----|
| 1 | Courses | | Other | | | SC | | | ST | | O1 u11 | 2 0 0 0 0 0 0 | |
| | | M | F | T | M | F | T | M | F | T | M | F | Т |
| Shrimp farming | | | | | | | | | | | | | |
| Edible oyster farming | | | | | | | | | | | | | |
| Pearl culture | | | | | | | | | | | | | |
| Fish processing and value addition | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| X. Capacity Building and Group | | | | | | | | | | | | | |
| Dynamics | | | | | | | | | | | | | |
| Leadership development | | | | | | | | | | | | | |
| Group dynamics | | | | | | | | | | | | | |
| Formation and Management of SHGs | | | | | | | | | | | | | |
| Mobilization of social capital | | | | | | | | | | | | | |
| Entrepreneurial development of | | | | | | | | | | | | | |
| farmers/youths | | | | | | | | | | | | | |
| WTO and IPR issues | | | | | | | | | | | | | |
| Market linkage for smallholder | 2 | 36 | 0 | 36 | | | | 14 | 0 | 14 | 25 | 0 | 50 |
| farmers | 2 | 30 | U | 30 | | | | 17 | U | 17 | | | |
| Orientation & awareness programme on farmers clubs- formation | 2 | 36 | 0 | 36 | | | | 14 | 0 | 14 | 25 | 0 | 50 |
| Orientation and capacity building of | | 1 | | | | | | | | | 25 | 0 | 25 |
| Para-extension workers (Progressive | | 1.7 | | 1.7 | | | | | | | | | |
| farmers) for technology dissemination | 1 | 17 | 0 | 17 | | | | 8 | 0 | 8 | | | |
| in grass root level. | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| XI Agro-forestry | | | | | | | | | | | | | |
| Production technologies | | | | | | | | | | | | | |
| Nursery management | | | | | | | | | | | | | |
| Integrated Farming Systems | | | | | | | | | | | | | |
| XII. Others (Pl. Specify) | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | |
| 14 | 14 | 209 | 63 | 272 | 7 | 6 | 13 | 55 | 10 | 65 | 221 | 79 | 350 |

B) Rural Youth (on campus)

| Thematic Area | No. of | | No. of Participants | | | | | | | | | d Total | |
|------------------------------|---------|----|---------------------|----|---|----|---|---|----|---|----|---------|----|
| | Courses | | Other | | | SC | | | ST | | | | |
| | | M | F | T | M | F | T | M | F | T | M | F | T |
| Mushroom Production | 2 | | 13 | 13 | | 2 | | | | | | 30 | 30 |
| Bee-keeping | 1 | 11 | - | 11 | 4 | - | 4 | | | | 11 | 4 | 15 |
| Integrated farming | | | | | | | | | | | | | |
| Seed production | | | | | | | | | | | | | |
| Production of organic inputs | | | | | | | | | | | | | |
| Integrated Farming | | | | | | | | | | | | | |

| Thematic Area | No. of | 1 | | | | | | | | Grand Total | | | |
|---|---------|----|-------|----|---|----|----|---|----|-------------|----|----|-----|
| | Courses | | Other | 1 | | SC | | | ST | | | | 1 |
| Diserve and the desired | | M | F | Т | M | F | Т | M | F | T | M | F | Т |
| 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 | 1 | 11 | 4 | 15 | | | | | | | 11 | 4 | 15 |
| Quail farming | | | | | | | | | | | | | |
| Piggery | | | | | | | | | | | | | |
| Rabbit farming | | | | | | | | | | | | | |
| Poultry production | | | | | | | | | | | | | |
| Ornamental fisheries | | | | | | | | | | | | | |
| Enterprise development | 1 | 15 | | 15 | | | | | | | 15 | | 15 |
| Para vets | | | | | | | | | | | | | |
| Para extension workers | 1 | 15 | | 15 | | | | | | | 15 | | 15 |
| Composite fish culture | | | | | | | | | | | | | |
| Freshwater prawn culture | | | | | | | | | | | | | |
| Shrimp farming | | | | | | | | | | | | | |
| Pearl culture | | | | | | | | | | | | | |
| Cold water fisheries | | | | | | | | | | | | | |
| Fish harvest and processing technology | | | | | | | | | | | | | |
| Fry and fingerling rearing | 1 | 15 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 15 |
| Small scale processing | | | | | | | | | | | | | |
| Post Harvest Technology | | | | | | | | | | | | | |
| Tailoring and Stitching | | | | | | | | | | | | | |
| ITKS in pest control | 1 | 9 | 2 | 11 | 3 | 1 | 4 | | | | 12 | 3 | 15 |
| TOTAL | 8 | 76 | 19 | 95 | 7 | 3 | 10 | 0 | 0 | 0 | 79 | 41 | 120 |

C) Extension Personnel (on campus)

| Thematic Area | No. of | | | N | o. of | Particip | ants | | | | Grand | l Total | |
|---------------|---------|-------------------|---|---|-------|----------|------|---|---|---|-------|---------|---|
| ! | Courses | urses Other SC ST | | | | | | | | | | | |
| | | M | F | T | M | F | T | M | F | T | M | F | T |

| Thematic Area | No. of No. of Participants Grand To | | | | | | | | | | | l Total | |
|---------------------------------------|-------------------------------------|----|-------|----|---|----|----|---|----|---|----|---------|----|
| | Courses | | Other | | | SC | | | ST | | | | |
| | 1 ! | M | F | T | M | F | T | M | F | T | M | F | T |
| Productivity enhancement in | 1 | 6 | 2 | 8 | 2 | | | | | | 8 | 2 | 10 |
| horticulture crops | 1 | U | | o | | | | | | | o | 2 | |
| Value addition | | | | | | | | | | | | | |
| Integrated Pest Management | 1 | 5 | 2 | 7 | 2 | 1 | 3 | | | | 7 | 3 | 10 |
| 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 | 1 | 15 | | 15 | | | | | | | 15 | | 15 |
| Care and maintenance of farm | | | | | | | | | | | | | |
| machinery and implements | | | | | | | | | | | | | |
| WTO and IPR issues | | | | | | | | | | | | | |
| Management in farm animals | | | | | | | | | | | | | |
| Livestock feed and fodder production | | | | | | | | | | | | | |
| Household food security | 1 | | 12 | 12 | | 3 | 3 | | | | | 15 | 15 |
| Women and Child care | | | | | | | | | | | | | |
| Low cost and nutrient efficient diet | 1 | | 1.0 | 10 | | _ | _ | | | | | 1.5 | 15 |
| designing | 1 | | 13 | 13 | | 2 | 2 | | | | | 15 | ļ |
| Production and use of organic inputs | | | | | | | | | | | | | |
| Gender mainstreaming through SHGs | | | | | | | | | | | | | |
| TOTAL | 5 | 20 | 40 | 60 | 2 | 8 | 10 | 0 | 0 | 0 | 22 | 48 | 70 |

D) Farmers and farm women (off campus)

| Thematic Area | No. of | | | 1 | lo. of I | Partici | pants | | | | Gran | d Total | |
|---------------------------------------|---------|----|-------|----|----------|---------|-------|---|----|---|------|---------|----|
| | Courses | | Other | | | SC | | | ST | | | | |
| | | M | F | T | M | F | T | M | F | T | M | F | T |
| I. Crop Production | | | | | | | | | | | | | |
| Weed Management | 1 | 13 | 3 | 16 | 6 | 3 | 9 | | | | 19 | 6 | 25 |
| Resource Conservation Technologies | | | | | | | | | | | | | |
| Cropping Systems | | | | | | | | | | | | | |
| Crop Diversification | | | | | | | | | | | | | |
| Integrated Farming | | | | | | | | | | | | | |
| Water management | | | | | | | | | | | | | |
| Seed production | | | | | | | | | | | | | |
| Nursery management | | | | | | | | | | | | | |
| Integrated Crop Management | | | | | | | | | | | | | |
| Fodder production | | | | | | | | | | | | | |
| Production of organic inputs | | | | | | | | | | | | | |
| Others, (cultivation of crops) | | | | | | | | | | | | | |
| II. Horticulture | | | | | | | | | | | | | |
| a) Vegetable Crops | | | | | | | | | | | | | |
| Integrated nutrient management | 2 | 40 | 1 | 41 | 9 | | 9 | | | | 49 | 1 | 50 |
| Water management | | | | | | | | | | | | | |
| Enterprise development | | | | | | | | | | | | | |
| Skill development | | | | | | | | | | | | | |
| Yield increment | | | | | | | | | | | | | |
| Production of low volume and high | | | | | | | | | | | | | |
| value crops | | | | | | | | | | | | | |
| Off-season vegetables | 2 | 40 | 9 | 49 | | 1 | 1 | | | | 40 | 10 | 50 |
| Nursery raising | 1 | 25 | | 25 | | | | | | | 25 | | 25 |
| Export potential vegetables | | | | | | | | | | | | | |
| Grading and standardization | | | | | | | | | | | | | |
| Protective cultivation (Green Houses, | | | | | | | | | | | | | |

| Course Cour | Thematic Area | No. of | | | N | lo. of I | Partici | ipants | | | | Gran | d Total | 30 |
|--|---------------------|---------|----|-------|----|----------|---------|--|----|--------------|----|--|--|----|
| Shade Net sets | | Courses | | Other | | | | | | | | | | |
| Others, if any (Integrated crop management) Training and Pruning. Di Fruits Layout and Management of Orchards Cultivation of Fruit Cul | | | M | F | T | M | F | T | M | F | T | M | F | T |
| management of Orchards Cultivation of Fruit Management of Orchards Cultivation of Fruit Management of Orchards Rejuvenation of old orchards Rejuvenation orchards Reju | , | | | | | | | | | | | <u> </u> | | |
| management of Training and Pruning b) Fruits Layout and Management of Orchards Cultivation of Fruit Management of young plant-Sorchards Rejivenation of Joung plant-Sorchards Rejivenation of old orchards Export potential fruits Micro irrigation systems of orchards Layout and Management Officers irrigation systems of orchards Layout and Management Officers irrigation systems of orchards Layout and Management Nursery Management Domes, if any Officers, if any Offic | | 3 | 43 | | 43 | 7 | | 7 | 12 | 13 | 25 | 62 | 13 | 75 |
| b) Fruits Layout and Management of Orchards Cultivation of Fruit Management of young plants/orchards Rejuvenation of old orchards Rejuvenation olog orchards Rejuvenation old orchards Rejuvenation old orchards R | | | | | | , | | | | | | <u> </u> | ↓ | |
| Layout and Management of Orchards Cultivation of Pruit Management of young plant storchards Rejoveration of old orchards Export potential fruits Micro irrigation systems of orchards 1 1 | | | | | | | | | | | | <u> </u> | ↓ | |
| Cultivation of Pruit Management of young plants/orchards Rejovernation of old orchards Export potential fruits Micro irrigation systems of orchards I 1 2 24 24 25 - 25 Plant propagation techniques Others, if any (INM) Others, if any Others, if an | | | | | | | | | | | | <u> </u> | ↓ | |
| Management of young | | | | | | | | | | | | <u> </u> | | |
| plansforchards Export potential fruits Micro irrigation systems of orchards Export potential fruits Micro irrigation systems of orchards I 1 | | | | | | | | | | | | <u> </u> | | |
| Rejuvenation of old orchards Export potential fruits Micro irrigation systems of orchards I 1 | | | | | | | | | | | | | | |
| Export potential fruits | | | | | | | | | | | | <u> </u> | + | |
| Micro irrigation systems of orchards | | | | | | | | | | | | | + | |
| Plant propagation techniques Others, if any (NM) c) Ornamental Plants Nursery Management Ramagement of potted plants Export potential of ornamental plants Propagation techniques of Ornamental Plants Others, if any Ot | | 1 | 1 | | | | | | 24 | | 2/ | 25 | + | 25 |
| Others, if any (INM) Others, if any (Ind) Others, i | | 1 | 1 | | | | | | 24 | | 24 | 23 | + | 23 |
| e) Ornamental Plants Management Management of potted plants Export potential of ornamental plants Propagation techniques of Ornamental Plants Others, if any 9 Production and Management technology Procusesing and value addition Others, if any 1 Noil Realth and Fertility Management Production and management technology Prosts technology and value addition Others, if any 1 Noil Realth and Fertility Management Soil and Water Conservation Integrated Namagement Soil and Water Conservation Integrated Namagement Froduction and use of organic inputs Management Management Production and use of organic inputs Management Management Management Production and use of organic inputs Management Management | | | | | | | | | | | | 1 | + | |
| Nursery Management Management of potted plants Export potential of ornamental plants Propagation techniques of Ornamental Plants Others, if any d) Plantation crops Production and Management technology Processing and value addition Others, if any e) Tuber crops Processing and value addition Others, if any f) Spices Processing and value addition Others, if any g) Medicinal and Aromatic Plants Nursery management Technology Protesting and value addition Others, if any g) Medicinal and Aromatic Plants Nursery management Production and management technology Prosessing and value addition Others, if any g) Medicinal and Aromatic Plants Nursery management Production and management technology Prosessing and value addition Others, if any g) Medicinal and Aromatic Plants Nursery management Production and management Technology Post harvest technology and value addition Others, if any III. Soil Health and Fertility Management Soil and Water Conservation Integrated Nursery management Production and use of organic inputs Management Soil and Water Conservation Integrated Nurser Management Production and use of organic inputs Management Vi. Livestock Production and Management Dairy Management 1 23 2 25 | | | | | | | | | | | | | + | |
| Management of potted plants Export potential of ornamental plants Propagation techniques of Ornamental Plants Others, if any e) Tuber crops Production and Management technology Processing and value addition Others, if any Production and Management technology Processing and value addition Others, if any Production and Management Production and Management technology Processing and value addition Others, if any Processing and value addition Others, if any Production and Management Production and Management Intended the production and Management Production and Management Intended the production and Management Production and management Intended the production and Management Int | , | | | | | | | | | | | | <u> </u> | |
| Export potential of ornamental plants Propagation techniques of Ornamental Plants Others, if any Officers, i | | | | | | | | | | | | 1 | + | |
| Propagation techniques of Ornamental Plants Others, if any Others, | | | | | | | | | | | | | 1 | |
| Orders, if any Others, if any Others | | | | | | | | | | | | | 1 | |
| d) Plantation crops Production and Management technology Processing and value addition Others, if any Others, if any I) Spices Production and Management technology Processing and value addition Others, if any I) Spices Production and Management technology Processing and value addition Others, if any I) Spices I) I I I I I I I I I I I I I I I I I I | | | | | | | | | | | | | | |
| Production and Management technology Processing and value addition Others, if any I | Others, if any | | | | | | | | | | | | | |
| technology Processing and value addition Others, if any Production and Management technology Processing and value addition Others, if any Production and Management technology Production and Management technology Production and Management technology Processing and value addition Others, if any Spices Production and Management technology Processing and value addition Others, if any Spices Production and Management technology Processing and value addition Others, if any Spices Production and management Production and management Technology Post harvest technology and value addition Others, if any Spices Production and management Technology Post harvest technology and value addition Others, if any The spice of the s | d) Plantation crops | | | | | | | | | | | | | |
| Processing and value addition Others, if any Processing and value addition Others, if any Others | | | | | | | | | | | | | | |
| Others, if any e) Tuber crops Production and Management technology Processing and value addition Others, if any By Management Production and management technology Processing and value addition Others, if any By Management Production and management technology Processing and value addition Others, if any By Management Production and management technology Processing and value addition Others, if any Dost harvest technology and value addition Others, if any Dost harvest technology and value addition Others, if any Dost harvest technology and value addition Others, if any Dost harvest technology and value addition Others, if any Dost harvest technology and value addition Others, if any Dost harvest technology and value addition Others, if any Dost harvest technology and value addition Others, if any Dost harvest technology and value addition Others, if any Dost harvest technology and value addition Dost harvest te | | | | | | | | | | | | | | |
| e) Tuber crops Production and Management technology Processing and value addition Others, if any f) Spices Production and Management technology Processing and value addition Others, if any g) Medicinal and Aromatic Plants Nursery management Production and management technology Processing and value addition Others, if any g) Medicinal and Aromatic Plants Nursery management Production and management technology Processing and value addition Others, if any g) Medicinal and Aromatic Plants Nursery management Production and management United the original of the production and management technology Processing and value addition Others, if any III. Soil Health and Fertility Management Soil and Water Conservation Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Soil and Water Testing Others, if any IV. Livestock Production and Management Dairy Management 2 17 17 8 8 8 21 4 25 46 4 50 | | | | | | | | | | | | | | |
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| technology Processing and value addition Others, if any Production and Management technology Processing and value addition Others, if any g) Medicinal and Aromatic Plants Nursery management technology Post harvest technology and value addition Others, if any III. Soil Health and Fertility Management Soil and Water Conservation Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Soil and Water Testing Others, if any IV. Livestock Production and Management Dairy Management Dairy Management 1 23 2 25 | | | | | | | | | | | | | | |
| Processing and value addition Others, if any Production and Management technology Processing and value addition Others, if any | | | | | | | | | | | | | | |
| Others, if any f) Spices Production and Management technology Processing and value addition Others, if any g) Medicinal and Aromatic Plants Nursery management technology Production and management technology Production and management technology Production and management technology Post harvest technology and value addition Others, if any III. Soil Health and Fertility Management Soil fertility management Soil and Water Conservation Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Soil and Water Testing Others, if any IV. Livestock Production and Management Pairy Manageme | | | | | | | | | | | | | | |
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| Production and Management technology Processing and value addition Others, if any g) Medicinal and Aromatic Plants Nursery management Production and management technology Post harvest technology and value addition Others, if any III. Soil Health and Fertility Management Soil and Water Conservation Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency Soil and Water Testing Others, if any IV. Livestock Production and Management Dairy Managem | | | | 1 | | | | | | | | <u> </u> | + | |
| technology Processing and value addition Others, if any g) Medicinal and Aromatic Plants Nursery management Production and management technology Post harvest technology and value addition Others, if any III. Soil Health and Fertility Management Soil fertility management Soil and Water Conservation Integrated Nutrient Management Production and use of organic inputs Minagement of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Soil and Water Testing Others, if any IV. Livestock Production and Management Dairy Manageme | | | | | | | | | | | | | | |
| Processing and value addition Others, if any g) Medicinal and Aromatic Plants Nursery management Production and management technology Post harvest technology and value addition Others, if any III. Soil Health and Fertility Management Soil and Water Conservation Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Soil and Water Testing Others, if any IV. Livestock Production and Management Dairy Management Dairy Management 1 23 2 25 Poultry Management 2 17 17 8 8 8 21 4 25 46 4 50 | | | | | | | | | | | | | | |
| Others, if any g) Medicinal and Aromatic Plants Nursery management Production and management technology Post harvest technology and value addition Others, if any III. Soil Health and Fertility Management Soil and Water Conservation Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Soil and Water Testing Others, if any IV. Livestock Production and Management Dairy Management Dairy Management 1 23 2 25 Poultry Management 2 17 17 8 8 8 21 4 25 46 4 50 | C. | | | | | | | | | | | - | + | |
| g) Medicinal and Aromatic Plants Nursery management Production and management technology Post harvest technology and value addition Others, if any III. Soil Health and Fertility Management Soil and Water Conservation Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Soil and Water Testing Others, if any IV. Livestock Production and Management Dairy Management 1 23 2 25 Poultry Management 2 17 17 8 8 8 21 4 25 46 4 50 | | | | | | | | | | | | | + | |
| Nursery management Production and management technology Post harvest technology and value addition Others, if any III. Soil Health and Fertility Management Soil fertility management Soil and Water Conservation Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Soil and Water Testing Others, if any IV. Livestock Production and Management Dairy Management Dairy Management 1 23 2 25 Poultry Management 2 17 17 8 8 8 21 4 25 46 4 50 | | | | | | | | | | | | | + | |
| Production and management technology Post harvest technology and value addition Others, if any III. Soil Health and Fertility Management Soil and Water Conservation Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Soil and Water Testing Others, if any IV. Livestock Production and Management Dairy Management 1 23 2 25 Poultry Management 2 4 50 | | | | | | | | | | | | | + | |
| technology Post harvest technology and value addition Others, if any III. Soil Health and Fertility Management Soil fertility management Soil and Water Conservation Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Soil and Water Testing Others, if any IV. Livestock Production and Management Dairy Management 1 23 2 25 Poultry Management 2 17 17 8 8 8 21 4 25 46 4 50 | | | | | | | | | | | | | <u> </u> | |
| Post harvest technology and value addition Others, if any III. Soil Health and Fertility Management Soil fertility management Soil and Water Conservation Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Soil and Water Testing Others, if any IV. Livestock Production and Management Dairy Management 1 23 2 25 Poultry Management 2 17 17 8 8 8 21 4 25 46 4 50 | | | | | | | | | | | | | | |
| addition Others, if any III. Soil Health and Fertility Management Soil fertility management Soil and Water Conservation Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Soil and Water Testing Others, if any IV. Livestock Production and Management Dairy Management 1 23 2 25 Poultry Management 2 17 17 8 8 8 21 4 25 46 4 50 | | | | | | | | | | | | | | |
| III. Soil Health and Fertility Management Soil fertility management Soil and Water Conservation Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Soil and Water Testing Others, if any IV. Livestock Production and Management Dairy Management 1 23 2 25 Poultry Management 2 17 17 8 8 8 21 4 25 46 4 50 | | | | | | | | | | | | | | |
| ManagementSoil fertility managementSoil fertility managementSoil and Water ConservationSoil and Water ConservationSoil and Water ConservationSoil soil and Water ConservationSoil and Water Conservation <td></td> | | | | | | | | | | | | | | |
| Soil fertility management Soil and Water Conservation Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Soil and Water Testing Others, if any IV. Livestock Production and Management Dairy Management Dair | | | | | | | | | | | | | | |
| Soil and Water Conservation Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Soil and Water Testing Others, if any IV. Livestock Production and Management Dairy Managem | | | | | | | | | | | | <u> </u> | | |
| Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Soil and Water Testing Others, if any IV. Livestock Production and Management Dairy Management Dairy Management 2 1 23 2 25 Poultry Management 2 17 17 8 8 8 21 4 25 46 4 50 | | | | | | | | | | | | <u> </u> | — | |
| Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Soil and Water Testing Others, if any IV. Livestock Production and Management Dairy Management Dairy Management 2 17 17 8 8 8 21 4 25 46 4 50 | | | | | | | | | | | | <u> </u> | ↓ | |
| Management of Problematic soils Image: Control of Problematic Soils of Micro nutrient deficiency in crops Image: Control of Problematic Soils of Micro nutrient deficiency in crops of Micro nutrient deficiency in crops of Micro nutrient deficiency or Control of Problematic Soils of Micro nutrient deficiency in crops or Control of Micro nutrient deficiency in crops of Con | | | | | | | | | | | | <u> </u> | | |
| Micro nutrient deficiency in crops Image: Control of the | | | | | | | | | | | | | - | |
| Nutrient Use Efficiency Soil and Water Testing | | | | | | | | | | | | | | |
| Soil and Water Testing Soil and Water Testing< | | | | | | | | - | | | | | | |
| Others, if any IV. Livestock Production and Management IV. | | | | | | | - | - | - | | | ₩ | + | |
| IV. Livestock Production and Management 23 2 25 23 2 25 Dairy Management 2 17 17 8 8 21 4 25 46 4 50 | | | | | | | - | - | - | | | ₩ | + | |
| Management Jairy Management | | | | | | | | - | | | | | + | |
| Dairy Management 1 23 2 25 23 2 25 Poultry Management 2 17 17 8 8 21 4 25 46 4 50 | | | | | | | | | | | | | | |
| Poultry Management 2 17 17 8 8 21 4 25 46 4 50 | | 1 | 23 | 2 | 25 | | | | | | | 23 | 12 | 25 |
| | | | | - | | R | | 8 | 21 | 4 | 25 | + | | |
| T 18 SEA V DVI GUIGEL AUGUST CONTRACTOR CONT | Piggery Management | | 1/ | | 1/ | 0 | | | 21 | - | 23 | 10 | + | 50 |

| Thematic Area | No. of | | | N | lo. of I | Partici | pants | | | | Gran | d Total | |
|---|---------|----|-------|-----|----------|---------|-------|----|----|----|------|--|--|
| Thematic Thea | Courses | | Other | | 0. 01 1 | SC | Puris | | ST | | Gran | a rotar | |
| | | M | F | T | M | F | T | M | F | T | M | F | T |
| Rabbit Management | | | _ | | | | | | | | | - | |
| Disease Management | 1 | 1 | | 1 | | | | 14 | 10 | 24 | 15 | 10 | 25 |
| Feed management | 2 | 22 | 9 | | 6 | 13 | 19 | | | | 28 | 22 | 50 |
| Production of quality animal products | | | | | | | | | | | | | |
| Others, if any Goat farming | 1 | 23 | | 23 | 2 | | 2 | | | | 25 | | 25 |
| V. Home Science/Women | - | | | | | | | | | | | + | |
| empowerment | | | | | | | | | | | | | |
| Household food security by kitchen | | | | | | | | | | | | + | |
| gardening and nutrition gardening | 1 | | 18 | 18 | | 7 | 7 | | | | | 25 | 25 |
| 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 | | | | | | | | | | | | 1 | |
| Storage loss minimization techniques | | | | | | | | | | | | | |
| Enterprise development | | | | | | | | | | | | | |
| Value addition | 2 | | 17 | 17 | | 8 | 8 | | 25 | 25 | | 50 | 50 |
| Income generation activities for | | | | | | | | | | | | 75 | 75 |
| empowerment of rural Women | 3 | | 59 | 59 | | 16 | 16 | | | | | , 5 | , 5 |
| Location specific drudgery reduction | | | | | | | | | | | | + | |
| technologies | | | | | | | | | | | | | |
| Rural Crafts | | | | | | | | | | | | + | |
| Capacity building | 1 | | 25 | 25 | | | | | | | | 25 | 25- |
| Women and child care | - | | 23 | | | | | | | | | 125 | |
| Others, if any | | | | | | | | | | | | | |
| VI.Agril. Engineering | | | | | | | | | | | | | |
| Installation and maintenance of micro | | | | | | | | | | | | | |
| irrigation systems | | | | | | | | | | | | | |
| Use of Plastics in farming practices | | | | | | | | | | | | + | |
| Production of small tools and | | | | | | | | | | | | + | |
| implements | | | | | | | | | | | | | |
| Repair and maintenance of farm | | | | | | | | | | | | + | |
| machinery and implements | | | | | | | | | | | | | |
| Small scale processing and value | | | | | | | | | | | | + | |
| addition | | | | | | | | | | | | | |
| Post Harvest Technology | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | + | |
| VII. Plant Protection | | | | | | | | | | | | + | |
| Integrated Pest Management | 4 | 68 | 14 | 82 | 12 | 6 | 18 | | | | 80 | 20 | 100 |
| Integrated Disease Management | 2 | 32 | 6 | 38 | 8 | 4 | 12 | | | | 40 | 10 | 50 |
| Bio-control of pests and diseases | | 32 | 0 | 30 | 0 | | 12 | | | | 10 | 10 | 30 |
| Production of bio control agents and | | | | | | | | | | | | | |
| bio pesticides | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | <u> </u> | |
| VIII. Fisheries | | | | | | | | | | | | + | |
| Integrated fish farming | | | | | | | | | | | | + | |
| Carp breeding and hatchery | | | | | | | | | | | | + | |
| management | | | | | | | | | | | | | |
| Carp fry and fingerling rearing | 2 | 45 | 0 | 45 | 5 | 0 | 5 | 0 | 0 | 0 | 50 | 0 | 50 |
| Composite fish culture & fish disease | 3 | 29 | 42 | 71 | 4 | 0 | 4 | 0 | 0 | 0 | 33 | 42 | 75 |
| Fish feed preparation & its | 3 | 2) | 72 | / 1 | 7 | | _ | | U | | 55 | + | 13 |
| application to fish pond, like nursery, | 1 | 8 | 0 | 8 | 13 | 1 | 14 | 3 | 0 | 3 | 24 | 1 | 25 |
| rearing & stocking pond | 1 | 0 | | U | 1.5 | 1 | 1-7 | | | | _ | 1 | 23 |
| Hatchery management and culture of | | | | | | | | | | | | + | 25 |
| freshwater prawn | 1 | 15 | 0 | 15 | 10 | 0 | 10 | 0 | 0 | 0 | 25 | 0 | 23 |
| Breeding and culture of ornamental | | | | | | | | | | | | + | |
| Breeding and chillie of ornamental | | | | 1 | i | 1 | i | 1 | | i | 1 | 1 | i |

| Thematic Area | No. of | | | N | lo. of I | Partici | pants | | | | Gran | d Total | |
|--------------------------------------|---------|-----|-------|-----|----------|---------|-------|----|----|-----|------|---------|------|
| Thematic Theu | Courses | | Other | | 10. 01 1 | SC | punts | | ST | | Orum | a rotar | |
| | | M | F | T | M | F | T | M | F | T | M | F | Т |
| Portable plastic carp hatchery | | | | | | | | | | | | | |
| Pen culture of fish and prawn | | | | | | | | | | | | | |
| Shrimp farming | | | | | | | | | | | | | |
| Edible oyster farming | | | | | | | | | | | | | |
| Pearl culture | | | | | | | | | | | | | |
| Fish processing and value addition | | | | | | | | | | | | | |
| Pisciculture in community pond | 1 | 13 | 0 | 13 | 12 | 0 | 12 | 0 | 0 | 0 | 25 | 0 | 25 |
| 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 | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| X. Capacity Building and Group | | | | | | | | | | | | | |
| Dynamics | | | | | | | | | | | | | |
| Leadership development | | | | | | | | | | | | | |
| Group dynamics | | | | | | | | | | | | | |
| Formation and Management of SHGs | 1 | 25 | | 25 | | | | | | | 25 | | 25 |
| Mobilization of social capital | | | | | | | | | | | | | |
| Entrepreneurial development of | | | | | | | | | | | | | |
| farmers/youths | | | | | | | | | | | | | |
| WTO and IPR issues | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| Improved techniques of Seed | 1 | 25 | | 25 | | | | | | | 25 | | 25 |
| treatment in Groundnut | 1 | 25 | | 25 | | | | | | | 25 | | 25 |
| Improved techniques of Seed | 1 | 25 | | 25 | | | | | | | 25 | | 25 |
| treatment in Greengram | 1 | 25 | | 25 | | | | | | | 25 | | 25 |
| Orientation & awareness programme | 1 | 25 | | 25 | | | | | | | 25 | | 25 |
| on Management of SHG | 1 | 23 | | 23 | | | | | | | 23 | | 23 |
| Income generation through | | | | | | | | | | | | | |
| agricultural and allied agricultural | 2 | 50 | | 50 | | | | | | | 50 | | 50 |
| sector. | | | | | | | | | | | | | |
| XI Agro-forestry | | | | | | | | | | | | | |
| Production technologies | | | | | | | | | | | | | |
| Nursery management | | | | | | | | | | | | | |
| Integrated Farming Systems | | | | | | | | | | | | | |
| XII. Others (Pl. Specify) | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | |
| | 44 | 608 | 205 | 781 | 102 | 59 | 161 | 74 | 52 | 126 | 784 | 316 | 1075 |

E) RURAL YOUTH (Off Campus)

| Thematic Area | No. of | | | No | . of Pa | articip | ants | | | | Grand | Total | |
|---------------------|--------|---|-------|----|---------|---------|------|---|----|---|-------|-------|---|
| | Course | | Other | | | SC | | | ST | | | | |
| | S | M | F | T | M | F | T | M | F | T | M | F | T |
| Mushroom Production | | | | | | | | | | | | | |
| Bee-keeping | | | | | | | | | | | | | |
| Integrated farming | | | | | | | | | | | | | |

| Thematic Area | No. of | | | No | o. of Pa | articip | ants | | | | Grand | Total | |
|---|--------|-----|-------|-----|----------|---------|------|---|----|---|-------|-------|-----|
| | Course | | Other | | | SC | | | ST | | 1 | | |
| | S | M | F | T | M | F | T | M | F | T | M | F | T |
| 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 | 1 | | | | † | | | | | | | | |
| Value addition | 1 | | | | 1 | | | | | | | | |
| 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 | 1 | | + + | | | | | | | | | | |
| 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 | 1 | | | | 1 | | | | | | | | |
| Tailoring and Stitching | + | | | | - | | | | | | | | |
| Rural Crafts | 1 | | | | 1 | | | | | | | | |
| Value chain management For | + | | | | | | | | | | | | 15 |
| profitable Agribusiness | 1 | 15 | | 15 | | | | | | | 15 | | 1.5 |
| Orientation and awareness | | | | | 1 | | | | | | | | 15 |
| programme on Custom hiring | 1 | 1.5 | | 1.5 | | | | | | | 1.5 | | - |
| centres for betterment of farming | 1 | 15 | | 15 | | | | | | | 15 | | |
| community | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| TOTAL | 2 | 30 | 1 [| 30 | | | | | | | 30 | | 30 |

F) Extension Personnel (Off Campus)

| Thematic Area | No. of | | | No | . of Pa | rticip | ants | | | | Grand | Total | |
|-----------------------------------|--------|---|-------|----|---------|--------|------|---|----|---|-------|-------|---|
| | Course | | Other | | | SC | | | ST | | | | |
| | s | M | F | T | M | F | T | M | F | T | M | F | T |
| Productivity enhancement in field | | | | | | | | | | | | | |
| crops | | | | | | | | | | | | | |
| Integrated Pest Management | | | | | | | | | | | | | |

| Thematic Area | No. of | | | No | o. of Pa | articip | ants | | | | Grand | Total | |
|---|--------|---|-------|----|----------|---------|------|---|----|---|-------|-------|---|
| | Course | | Other | | | SC | | | ST | | | | |
| | S | M | F | T | M | F | T | M | F | T | M | F | T |
| 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 | | | | | | | | | | | | | |
| Crop intensification | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | |

G) Consolidated table (ON and OFF Campus)

i. Farmers & Farm Women

| Thematic Area | No. of | | | No | . of Pa | articip | ants | | | | Gran | d Tota | al |
|------------------------------------|--------|----|-------|----|---------|---------|------|---|----|---|------|--------|----|
| | Cours | | Other | | | SC | | | ST | | | | |
| | es | M | F | T | M | F | T | M | F | T | M | F | T |
| I. Crop Production | | | | | | | | | | | | | |
| Weed Management | | | | | | | | | | | | | |
| Resource Conservation Technologies | | | | | | | | | | | | | |
| Cropping Systems | | | | | | | | | | | | | |
| Crop Diversification | | | | | | | | | | | | | |
| Integrated Farming | | | | | | | | | | | | | |
| Water management | | | | | | | | | | | | | |
| Seed production | | | | | | | | | | | | | |
| Nursery management | | | | | | | | | | | | | |
| Integrated Crop Management | 1 | 14 | 3 | 17 | 5 | 3 | 8 | | | | 19 | 6 | 25 |
| Fodder production | | | | | | | | | | | | | |
| Production of organic inputs | | | | | | | | | | | | | |
| Others, (cultivation of crops) | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | |
| II. Horticulture | | | | | | | | | | | | | |
| a) Vegetable Crops | | | | | | | | | | | | | |
| Integrated nutrient management | 2 | 40 | 1 | 41 | 9 | | 9 | | | | 49 | 1 | 50 |
| Water management | | | | | | | | | | | | | |
| Enterprise development | | | | | | | | | | | | | |
| Skill development | | | | | | | | | | | | | |
| Yield increment | | | | | | | | | | | | | |
| Production of low volume and high | | | | | | | | | | | | | |
| value crops | | | | | | | | | | | | | |

| Thematic Area | No. of | | | No | . of Pa | articipa | ants | | | | Gran | d Tota | i I |
|---|--------|----|-------|-----|--|----------|--|----|----|----|------|------------|--|
| | Cours | | Other | 1,0 | | SC | | | ST | | 0141 | 102 1 0 00 | - |
| | es | M | F | T | M | F | T | M | F | T | M | F | T |
| Off-season vegetables | 2 | 40 | 9 | 49 | | 1 | 1 | | | | 40 | 10 | 50 |
| Nursery raising | 1 | 25 | | 25 | | | | | | | 25 | | 25 |
| Exotic vegetables like Broccoli | | | | | | | | | | | | | |
| Export potential vegetables | | | | | | | | | | | | | |
| Grading and standardization | | | | | | | | | | | | | |
| Protective cultivation (Green Houses, | | | | | | | | | | | | | |
| Shade Net etc.) | | | | | | | | | | | | | |
| Others, if any (Cultivation of | 3 | 43 | | 43 | 7 | | 7 | 12 | 13 | 25 | 62 | 13 | 75 |
| Vegetable) | | | | | | | | 1- | 10 | | | | |
| TOTAL | | | | | | | | | | | | | |
| b) Fruits | | | | | | | | | | | | | |
| Training and Pruning | | | | | | | | | | | | | |
| Layout and Management of Orchards | | | | | | | | | | | | | |
| Cultivation of Fruit | | | | | | | | | | | | | |
| Management of young plants/orchards | | | | | | | | | | | | | |
| Rejuvenation of old orchards | 1 | | | | 1 | | 1 | | | | | <u> </u> | |
| Export potential fruits | | | | | | | | | | | 2.5 | | 2.5 |
| Micro irrigation systems of orchards | 1 | 1 | | | | | | 24 | | 24 | 25 | - | 25 |
| Plant propagation techniques | | | | | | | | | | | | | |
| Others, if any(INM) | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | |
| c) Ornamental Plants | | | | | | | | | | | | | |
| Nursery Management | | | | | | | | | | | | | |
| Management of potted plants | | | | | | | | | | | | | |
| Export potential of ornamental plants | | | | | | | | | | | | | |
| Propagation techniques of Ornamental | | | | | | | | | | | | | |
| Plants | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | |
| d) Plantation crops | | | | | | | | | | | | | |
| Production and Management | | | | | | | | | | | | | |
| technology | | | | | | | | | | | | | |
| Processing and value addition | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | |
| e) Tuber crops | | | | | | | | | | | | | |
| Production and Management | | | | | | | | | | | | | |
| technology | | | | | | | | | | | | | |
| Processing and value addition | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| TOTAL | 1 | | | | | | | | | | | | |
| f) Spices | | | | | | | | | | | | | |
| Production and Management | | | | | | | | | | | | | |
| technology | | | | | | | | | | | | | |
| Processing and value addition | | | | | | | | | | | | | |
| Others, if any TOTAL | + | | | | - | | - | | | | | | +- |
| | + | | | | - | | - | | | | | | +- |
| g) Medicinal and Aromatic Plants Nursery management | + | | | | - | | - | | | | | | +-+ |
| Production and management | + | | + | | | | | | | | | | +-+ |
| technology | | | | | | | | | | | | | |
| Post harvest technology and value | 1 | | | | | | | | | | | | +- |
| addition | | | | | | | | | | | | | |
| Others, if any | + | | | | | | | | | | | | +-+ |
| TOTAL | 1 | | | | | | | | | | | | + |
| III. Soil Health and Fertility | + | | | | | | | | | | | | + |
| Management | | | | | | | | | | | | | |
| Soil fertility management | † | | 1 | | t | | t | | | | | | |
| 2011 101 minugomoni | 1 | 1 | 1 | I. | 1 | 1 | 1 | | 1 | · | | 1 | |

| Thematic Area | No. of | | | No | . of Pa | articipa | ants | | | | Gran | d Tota | |
|---------------------------------------|--------|----|---------|----|----------|----------|--|----------|----|--|----------|--------|--|
| | Cours | | Other | | | SC | | | ST | | | | |
| | es | M | F | T | M | F | T | M | F | T | M | F | T |
| Soil and Water Conservation | | | | | | | | | | | | | |
| Integrated Nutrient Management | | | | | | | | | | | | | |
| Production and use of organic inputs | | | | | | | | | | | | | |
| Management of Problematic soils | | | | | | | | | | | | | |
| Micro nutrient deficiency in crops | | | | | | | | | | | | | |
| Nutrient Use Efficiency | | | | | | | | | | | | | |
| Soil and Water Testing | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | |
| IV. Livestock Production and | | | | | | | | | | | | | |
| Management | | | | | | | | | | | | | <u> </u> |
| Dairy Management | 1 | 23 | 2 | 25 | | | | | | | 23 | 2 | 25 |
| Poultry Management | 2 | 17 | | 17 | 8 | | 8 | 21 | 4 | 25 | 46 | 4 | 50 |
| Piggery Management | | | | | | | | | | | | | <u> </u> |
| Rabbit Management | | | | | | | | | | | | | |
| Disease Management | 1 | 1 | | 1 | | | | 14 | 10 | 24 | 15 | 10 | 25 |
| Feed management | 2 | 22 | 9 | | 6 | 13 | 19 | | | | 28 | 22 | 50 |
| Production of quality animal products | | | | | | | | | | | | | <u> </u> |
| Others, if any (Goat farming) | 1 | 23 | | 23 | 2 | | 2 | | | | 25 | | 25 |
| TOTAL | 7 | 86 | 11 | 66 | 16 | 13 | 29 | 35 | 14 | 49 | 137 | 38 | 17 |
| V. Home Science/Women | _ | | | | | | | | | | | | 5 |
| empowerment | | | | | | | | | | | | | |
| Household food security by kitchen | + | | 1 | | | | | | | | | | |
| gardening and nutrition gardening | 1 | | 18 | 18 | | 7 | 7 | | | | | 25 | 25 |
| 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 | | | | | | | | | | | | | |
| Enterprise development | | | | | | | | | | | | | |
| Value addition | 2 | | 17 | 17 | | 8 | 8 | | 25 | 25 | | 50 | 50 |
| Income generation activities for | 4 | | 84 | 84 | | 16 | 16 | | | | | 100 | 10 |
| empowerment of rural Women | т | | 0- | 0- | | 10 | 10 | | | | | | 0 |
| Location specific drudgery reduction | 1 | | 22 | 22 | | 3 | 3 | | | | | 25 | 25 |
| technologies | 1 | | 22 | | | | | | | | | | |
| Rural Crafts | | | | | | | | | | | | | |
| Capacity building | 1 | | 25 | 25 | | | | | | | | 25 | 25 |
| Women and child care | _ | | | | | | | | | | | | - |
| Others, if any | | | | | | | | | | | | | - |
| TOTAL | | | | | | | | | | | | | |
| VI.Agril. Engineering | | | | | | | | | | | | | - |
| Installation and maintenance of micro | | | | | | | | | | | | | |
| irrigation systems | | | | | | | | | | | | | |
| Use of Plastics in farming practices | + | | 1 | | | | | | | | | | <u> </u> |
| Production of small tools and | + | | 1 | | | | | | | | | | † |
| implements | | | | | | | | | | | | | |
| Repair and maintenance of farm | | | | | | | | | | | | | |
| machinery and implements | | | <u></u> | | | | <u> </u> | | | <u> </u> | <u> </u> | | |
| Small scale processing and value | | | | | | | | | | | | | |
| addition | _ | | | | | | - | | | - | | | |
| Post Harvest Technology | - | | 1 | | | | | | | | | | <u> </u> |
| Others, if any TOTAL | + | | 1 | | | | 1 | | | 1 | | | |
| VII. Plant Protection | + + | | 1 | | | | - | | | - | | | |
| v 11. F fant F Potection | | | | | <u> </u> | | <u> </u> | <u> </u> | | <u> </u> | <u> </u> | | |

| Thematic Area | No. of | | | No | . of Pa | articipa | ants | | | | Gran | d Tota | al |
|---|--------|-----|-------|-----|--|----------|------|---|----|----------|----------|--------|--|
| | Cours | (| Other | | | SC | | | ST | | | | _ |
| | es | M | F | T | M | F | T | M | F | T | M | F | T |
| Integrated Pest Management | 8 | 138 | 23 | 161 | 26 | 13 | 39 | | | | 164 | 36 | 20 |
| Integrated Disease Management | 3 | 45 | 10 | 55 | 13 | 07 | 20 | | | | 58 | 17 | 75 |
| Bio-control of pests and diseases | | | | | | | | | | | | | |
| Production of bio control agents and | | | | | | | | | | | | | |
| bio pesticides | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | |
| VIII. Fisheries | | | | | | | | | | | | | |
| Integrated fish farming | | | | L | | | | | | | | | |
| Carp fry and fingerling rearing | 2 | 45 | 0 | 45 | 5 | 0 | 5 | 0 | 0 | 0 | 50 | 0 | 50 |
| Composite fish culture & fish disease | 4 | 52 | 42 | 94 | 6 | 0 | 6 | 0 | 0 | 0 | 58 | 42 | 10 |
| Fish feed preparation & its application | | | | | | | | | | | | | |
| to fish pond, like nursery, rearing & | 2 | 8 | 0 | 8 | 13 | 1 | 14 | 3 | 0 | 3 | 24 | 1 | 25 |
| stocking pond | | | | | | | | | | | | | |
| Hatchery management and culture of freshwater prawn | 1 | 15 | 0 | 15 | 10 | 0 | 10 | 0 | 0 | 0 | 250 | 0 | 25 |
| Hatchery management and culture of | | | | | | | | | | | | | + |
| freshwater prawn | | | | | | | | | | | | | |
| Breeding and culture of ornamental | | | | | | | | | | | | | 1 |
| fishes | | | | | | | | | | | | | |
| Portable plastic carp hatchery | | | | | | | | | | | | | |
| Pen culture of fish and prawn | | | | | | | | | | | | | |
| Shrimp farming | | | | | | | | | | | | | |
| Edible oyster farming | | | | | | | | | | | | | |
| Pearl culture | | | | | | | | | | | | | |
| Fish processing and value addition | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | 1 |
| Production of fry and fingerlings | | | | | | | | | | | | | 1 |
| Production of Bee-colonies and wax | | | | | | | | | | | | | |
| sheets | | | | | | | | | | | | | |
| Small tools and implements | | | | | | | | | | | | | |
| Production of livestock feed and | | | | | | | | | | | | | |
| fodder | | | | | | | | | | | | | |
| Production of Fish feed | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | |
| X. Capacity Building and Group | | | | | | | | | | | | | |
| Dynamics Leadership development | | | | | - | | | | | - | | | + |
| Group dynamics | | | | | | | | | | 1 | | | + |
| Formation and Management of SHGs | | | | | | | | | | | | | + |
| Mobilization of social capital | | | | | | | | | | <u> </u> | | | |
| Entrepreneurial development of | | | | | | | | | | | | | |
| farmers/youths | | | | | | | | | | | | | |
| WTO and IPR issues | | | | | | | | | | | | | |
| Improved techniques of Seed treatment | 1 | 22 | 2 | 25 | | | | | | | 23 | 2 | 25 |
| in Groundnut | 1 | 23 | 2 | 25 | <u> </u> | | | | | <u> </u> | <u> </u> | | <u>L</u> |
| Improved techniques of Seed treatment | 1 | 23 | 2 | 25 | | | | | | | 23 | 2 | 25 |

| Thematic Area | No. of | | | No | of Pa | articipa | ants | | | | Gran | d Tota | 1 |
|---|--------|-----|-------|-----|-------|----------|------|----|----|----|------|--------|--------|
| | Cours | (| Other | | | SC | | | ST | | | | |
| | es | M | F | T | M | F | T | M | F | T | M | F | T |
| in Greengram | | | | | | | | | | | | | |
| Market linkage for smallholder farmers | 2 | 40 | 0 | 40 | 10 | 0 | 10 | 0 | 0 | 0 | 50 | 0 | 50 |
| Orientation & awareness programme on farmers clubs- formation | 2 | 47 | 0 | 47 | 3 | 0 | 3 | 0 | 0 | 0 | 50 | 0 | 50 |
| Orientation & awareness programme on Management of SHG | 1 | | | | | | | | | | | | 25 |
| Income generation through agricultural and allied agricultural sector. | 2 | 43 | 0 | 43 | 7 | 0 | 7 | 0 | 0 | 0 | 50 | 0 | 50 |
| Orientation and capacity building of Para-extension workers (Progressive farmers) for technology dissemination in grass root level. | 1 | 23 | 2 | 25 | | | | | | | 23 | 2 | 25 |
| Orientation & awareness programme on Farmers Producers Organization | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | |
| XI Agro-forestry | | | | | | | | | | | | | |
| Production technologies | | | | | | | | | | | | | |
| Nursery management | | | | | | | | | | | | | |
| Integrated Farming Systems | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | |
| XII. Others (Pl. specify) | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | 1 5 |
| | | | | 105 | 14 | | 23 | 10 | | 17 | 131 | | 2 |
| | 63 | 837 | 282 | 6 | 6 | 85 | 1 | 9 | 66 | 5 | 7 | 433 | 5 |

II. RURAL YOUTH (On and Off Campus)

| Thematic Area | No. of | | | | No. of | Partic | ipants | | | | Grand | Total | |
|-----------------------|---------|----|-------|----|--------|--------|--------|---|----|---|-------|-------|----|
| | Courses | | Other | • | | SC | | | ST | | | | |
| | | M | F | T | M | F | T | M | F | T | M | F | T |
| Mushroom Production | 2 | | 13 | 13 | | 2 | 2 | | | | | 30 | 30 |
| Bee-keeping | 1 | 11 | - | 11 | 4 | - | 4 | | | | 11 | 4 | 15 |
| Integrated farming | | | | | | | | | | | | | |
| Seed production | | | | | | | | | | | | | |
| Production of organic | | | | | | | | | | | | | |
| inputs | | | | | | | | | | | | | |
| 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 | 1 | 11 | 4 | 15 | | | | | | | 11 | 4 | 15 |

| Thematic Area | No. of | | | | No. of | Partic | ipants | | | | Grand | Total | |
|------------------------|---------|-----|-------|-----|--------|--------|--------|---|----|---|-------|-------|-----|
| | Courses | | Other | • | | SC | | | ST | | | | |
| | | M | F | T | M | F | T | M | F | Т | M | F | T |
| rearing | | | | | | | | | | | | | |
| Quail farming | | | | | | | | | | | | | |
| Piggery | | | | | | | | | | | | | |
| Rabbit farming | | | | | | | | | | | | | |
| Poultry production | | | | | | | | | | | | | |
| Ornamental fisheries | | | | | | | | | | | | | |
| Enterprise | 1 | 1.5 | | 1.5 | | | | | | | 1.5 | | 1.5 |
| development | 1 | 15 | | 15 | | | | | | | 15 | | 15 |
| Para extension worker | 1 | 15 | | 15 | | | | | | | 15 | | 15 |
| Composite fish culture | | | | | | | | | | | | | |
| Freshwater prawn | | | | | | | | | | | | | |
| culture | | | | | | | | | | | | | |
| Shrimp farming | | | | | | | | | | | | | |
| Pearl culture | | | | | | | | | | | | | |
| Cold water fisheries | | | | | | | | | | | | | |
| Fish harvest and | | | | | | | | | | | | | |
| processing technology | | | | | | | | | | | | | |
| Fry and fingerling | | 1.5 | 0 | 1.5 | 0 | - | 0 | - | - | 0 | 1.5 | 0 | 15 |
| rearing | 1 | 15 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | |
| Small scale processing | | | | | | | | | | | | | |
| Post Harvest | | | | | | | | | | | | | |
| Technology | | | | | | | | | | | | | |
| Tailoring and | | | | | | | | | | | | | |
| Stitching | | | | | | | | | | | | | |
| Rural Crafts | | | | | | | | | | | | | |
| Enterprise | | | | | | | | | | | | | |
| development | | | | | | | | | | | | | |
| Others if any (ICT | | | | | | | | | | | | | |
| application in | | | | | | | | | | | | | |
| agriculture) | | | | | | | | | | | | | |
| Value chain | | | | | | | | | | | | | |
| management For | 1 | 15 | 0 | 15 | | | | | | | 15 | 0 | 15 |
| profitable | 1 | 13 | | 13 | | | | | | | 13 | Ü | 13 |
| Agribusiness | | | | | | | | | | | | | |
| Orientation and | | | | | | | | | | | | | |
| awareness programme | l . | | | | | | | | | | , | 0 | |
| on Custom hiring | 1 | 15 | 0 | 15 | | | | | | | 15 | 0 | 15 |
| centres for betterment | | | | | | | | | | | | | |
| of farming community | 1 | | 2 | 1.1 | 2 | 1 | | | | | 10 | | 1.5 |
| ITKS in pest control | 1 | 9 | 2 | 11 | 3 | 1 | 4 | _ | _ | _ | 12 | 3 | 15 |
| TOTAL | 10 | 106 | 19 | 125 | 7 | 3 | 10 | 0 | 0 | 0 | 109 | 41 | 150 |

iii. Extension Personnel (On and Off Campus)

| Thematic Area | No. of | | | | No. of | Partic | cipants | | | | Grand | Total | |
|---|---------|---|-------|---|--------|--------|---------|---|----|---|-------|-------|----|
| | Courses | | Other | r | | SC | | | ST | | | | |
| | | M | F | T | M | F | T | M | F | T | M | F | T |
| Productivity enhancement in field crops | 1 | 6 | 2 | 8 | 2 | | | | | | 8 | 2 | 10 |
| Integrated Pest Management | | | | | | | | | | | | | |
| Integrated Nutrient management | | | | | | | | | | | | | |
| Rejuvenation of old orchards | | | | | | | | | | | | | |
| Value addition | | | | | | | | | | | | | |
| Protected cultivation technology | | | | | | | | | | | | | |

| | | | | | | | | | | | | | 00 |
|-----------------------|----------|----|----|----|---|---|---|---|---|---|----|----|----|
| Formation and | | | | | | | | | | | | | |
| Management of SHGs | | | | | | | | | | | | | |
| Group Dynamics and | | | | | | | | | | | | | |
| farmers organization | | | | | | | | | | | | | |
| Information | | | | | | | | | | | | | |
| networking among | | | | | | | | | | | | | |
| farmers | | | | | | | | | | | | | |
| Capacity building for | 1 | 15 | | 15 | | | | | | | 15 | | 15 |
| ICT application | <u> </u> | 13 | | 13 | | | | | | | 13 | | |
| Care and maintenance | | | | | | | | | | | | | |
| of farm machinery | | | | | | | | | | | | | |
| and implements | | | | | | | | | | | | | |
| WTO and IPR issues | | | | | | | | | | | | | |
| Management in farm | | | | | | | | | | | | | |
| animals | | | | | | | | | | | | | |
| Livestock feed and | | | | | | | | | | | | | |
| fodder production | | | | | | | | | | | | | |
| Household food | 1 | | 22 | 22 | | 3 | 3 | | | | | 15 | 15 |
| security | 1 | | 22 | 22 | | 3 | 3 | | | | | 13 | |
| Women and Child | | | | | | | | | | | | | |
| care | | | | | | | | | | | | | |
| Low cost and nutrient | | | | | | | | | | | | | 15 |
| efficient diet | 1 | | 23 | 23 | | 2 | 2 | | | | | 15 | |
| designing | | | | | | | | | | | | | |
| Production and use of | | | | | | | | | | | | | |
| organic inputs | | | | | | | | | | | | | |
| Gender | | | | | | | | | | | | | |
| mainstreaming | | | | | | | | | | | | | |
| through SHGs | | | | | | | | | | | | | |
| Crop intensification | | | | | | | | | | | | | |
| Others if any | | | | | | | | | | | | | |
| TOTAL | 4 | 21 | 47 | 68 | 2 | 5 | 5 | 0 | 0 | 0 | 23 | 32 | 55 |

Please furnish the details of training programmes as Annexure in the pro-forma given below

| Discipline | Clientele | Title of the training | Duration | Venue | Numb | er of parti | cipants | Numb | er of SC/S | ST |
|------------------|-----------|--|----------|----------------------|------|-------------|---------|------|------------|-------|
| | | programme | in days | (Off / On Campus) | Male | Female | Total | Male | Female | Total |
| Plant protection | F/FW | IPM in Paddy | 02 | on | 18 | 7 | 25 | 4 | 2 | 6 |
| Plant protection | F/FW | Disease management in Paddy | 01 | off | 19 | 6 | 25 | | 3 | 3 |
| Plant protection | F/FW | IPM in Brinjal | 01 | on | 21 | 4 | 25 | 3 | 2 | 5 |
| Plant protection | F/FW | IPM in Beans | 01 | off | 15 | | 15 | 3 | | 3 |
| Plant protection | F/FW | IPM in Cashewnut | 01 | off | 14 | 1 | 15 | 4 | | 4 |
| Plant protection | F/FW | Safe use of chemicals | 01 | off | 25 | - | 25 | 04 | - | 04 |
| Plant protection | F/FW | IPM in cabbage & Cauliflower | 01 | off | 25 | - | 25 | 01 | - | 01 |
| Plant protection | F/FW | IPM in Tomato | 01 | off | 02 | 23 | 25 | - | 03 | 03 |
| Plant protection | F/FW | IPM in Chilli | 01 | off | 12 | 03 | 15 | 02 | - | 02 |
| Plant protection | RY | Honey bee rearing | 01 | 0n | 14 | 11 | 25 | - | - | - |
| Plant protection | RY | ITKs & lant products in Pest control | 01 | on | 21 | 4 | 25 | 3 | 2 | 5 |

| Plant protection | IS | New generation pesticides for pest control | 01 | on | 15 | | 15 | 3 | | 3 |
|---------------------|------|---|----|-----|----|----|----|----|----|----|
| Horticulture | F/FW | Agro-technique for Okra cultivation | 1 | Off | 25 | | 25 | | | |
| Horticulture | F/FW | Packages of practices for cultivation of Kharif Tomato | 1 | Off | 15 | 10 | 25 | | 1 | 1 |
| Horticulture | F/FW | Cultivation of early season cauliflower | 1 | Off | 25 | | 15 | | | |
| Horticulture | F/FW | Nutrient management in pod vegetables | 1 | Off | 25 | | 25 | 5 | | 5 |
| Horticulture | F/FW | Management of vegetable nursery | 1 | Off | 25 | | 25 | | | |
| Horticulture | F/FW | INM in cole crops | 1 | Off | 24 | 1 | 25 | 4 | 1 | 5 |
| Horticulture | F/FW | Role of growth regulator in vegetable | 1 | Off | 12 | 13 | 25 | 12 | 13 | 25 |
| Horticulture | F/FW | Agro-technique for Brinjal cultivation | 1 | Off | 25 | | 25 | 7 | | 7 |
| Horticulture | F/FW | Water management in fruit crops | 1 | Off | 25 | | 25 | 24 | | 24 |
| Horticulture | IS | Prospects of Kharif onion in Ganjam district | 1 | On | 8 | 2 | 10 | 2 | | 2 |
| Animal science | F/FW | Scientific Dairy farming | 1 | Off | 25 | | 25 | 7 | | 7 |
| Animal science | F/FW | Scientific Sheep & goat farming | 1 | Off | 25 | 0 | 25 | 5 | 0 | 5 |
| Animal science | F/FW | Small scale backyard poultry farming | 1 | Off | 25 | 0 | 25 | 2 | 0 | 2 |
| Animal science | F/FW | Feed formulation for small ruminant farming | 1 | Off | 25 | 0 | 25 | 1 | 0 | 1 |
| Animal science | F/FW | Duck farming and its advantages | 1 | Off | 15 | 0 | 15 | 0 | 0 | 0 |
| Animal science | F/FW | Azolla cultivation for livestock feed | 1 | Off | 25 | 0 | 25 | 10 | 0 | 10 |
| Animal science | F/FW | Endo-parasitic diseases of sheep & goat and their prevention | 1 | Off | 24 | 1 | 25 | 3 | 1 | 4 |
| Animal science | F/FW | Scientific Dairy farming | 1 | Off | 25 | 0 | 25 | 1 | 0 | 1 |
| Animal science | F/FW | Scientific Sheep & goat farming | 1 | Off | 15 | 0 | 15 | 0 | 0 | 0 |
| Agril. Extension | F/FW | integrated crop management in groundnut | 01 | Off | 24 | 01 | 25 | | | |
| Agril. Extension | F/FW | Avenues of additional income generation for farmers | 01 | Off | 24 | 01 | 25 | 03 | - | 03 |
| Agril. Extension | F/FW | Market linkage for smallholder farmers | 01 | Off | 23 | 02 | 25 | 02 | - | 02 |

| Agril. Extension | F/FW | Avenues of additional income generation for farmers | 01 | Off | 22 | 03 | 25 | 05 | 01 | 06 |
|---------------------|------|---|----|-----|----|----|----|----|----|----|
| Agril. Extension | F/FW | Importance of farmers clubs-Concept & operation | 01 | Off | 25 | - | 25 | 05 | - | 05 |
| Agril. Extension | F/FW | Market linkage for smallholder farmers | 01 | Off | 25 | - | 25 | | | |
| Agril. Extension | F/FW | Market intelligence- Web based advisory services | 01 | Off | 25 | - | 25 | 04 | - | 04 |
| Agril. Extension | F/FW | Avenues of additional income generation for farmers | 01 | Off | 25 | - | 25 | 04 | - | 04 |
| Agril. Extension | F/FW | Importance of farm records & Ideal record keeping | 01 | off | 14 | 11 | 25 | | | |
| Agril. Extension | F/FW | Market intelligence- Web based advisory services | 01 | Off | 25 | - | 25 | 01 | - | 01 |
| Agril. Extension | RY | Value chain management For agribusiness | 01 | Off | 15 | - | 15 | 06 | - | 06 |
| Agril. Extension | RY | Importance of farmers clubs-Concept & operation | 01 | Off | 15 | - | 15 | 01 | - | 01 |
| Agril. Extension | IS | Market-led Extension- Issues and challenges | 01 | Off | 11 | 04 | 15 | | 01 | 01 |
| Agril. Extension | IS | Market linkage for smallholder farmers | 01 | Off | 03 | 12 | 15 | - | 05 | 05 |
| Fishery Sc. | F/FW | Prestocking pond management | 1 | off | 25 | 0 | 25 | 0 | 0 | 0 |
| Fishery Sc. | F/FW | Composite fish culture | 1 | off | 8 | 17 | 25 | 3 | 0 | 3 |
| Fishery Sc. | F/FW | Pisciculture in community pond | 1 | off | 25 | 0 | 25 | 12 | 0 | 12 |
| Fishery Sc. | F/FW | Production of fingerlings, stunted fingerlings & yearlings | 1 | off | 25 | 0 | 25 | 5 | 0 | 5 |
| Fishery Sc. | F/FW | Composite fish culture | 1 | On | 25 | 0 | 25 | 2 | 0 | 2 |
| Fishery Sc. | F/FW | Stocking & poststocking pond management | 1 | Off | 25 | 0 | 25 | 1 | 0 | 1 |
| Fishery Sc. | RY | Fish seed production and rearing of fry and fingerlings | 1 | On | 15 | 0 | 15 | 0 | 0 | 0 |
| Fishery Sc. | F/FW | Polyculture of freshwater prawn with IMC | 1 | Off | 25 | 0 | 25 | 10 | 0 | 10 |
| Fishery Sc. | F/FW | Feeding management for carp culture | 1 | Off | 24 | 1 | 25 | 3 | 1 | 4 |

| Fishery Sc. | F/FW | Water quality | 1 | Off | 0 | 25 | 25 | 0 | 0 | 0 |
|-------------|------|-------------------|---|-----|---|----|----|---|---|---|
| | | management in | | | | | | | | |
| | | pisciculture tank | | | | | | | | |

H) Vocational training programmes for Rural Youth

Details of training programmes for Rural Youth

| Crop / Enterprise | Identified Thrust | Training title* | Duration (days) | No. | of Particip | oants | Self e | mployed at | fter training | Number of persons employed else where |
|----------------------|----------------------|---|-----------------|------|-------------|-------|---------------|-----------------|----------------------------------|---------------------------------------|
| Emerprise | Area | uue | (days) | Male | Female | Total | Type of units | Number of units | Number of persons employed | |
| 1 | Value addition | Processing and preservation of fruits and vegetable | 5 days | | 10 | 10 | | | | 4 |
| 2 | LPM | Income generation through poultry farming | 2 days | 10 | 5 | 15 | | | | 3 |

^{*}training title should specify the major technology /skill transferred

I) Sponsored Training Programmes

| S | | Thom | Month | Durati on (days) | Cl ie nt | No. of | | | | No. | of Part | icipant | s | | | | Spo nso ring |
|--------------|--|----------------------|---------------|------------------------|----------------|-------------|------------|------|--------|------------|---------|---------|------------|------|--------|-----------|--------------------|
| 1. N o | Titl e | Them atic area | | | PF /R Y/ | cours es |] | Male | | I | Female | | | Tota | ıl | | Ag enc y |
| | | | | | EF | | Other s | SC | S T | Othe rs | SC | ST | Othe rs | SC | S T | Tot al | |
| 1 | Sm all pou ltry far mer | LPM, Poultr y | Feb- March | 30 | R Y | 1 | 14 | | | 2 | | | 16 | | | 16 | AS CI |

3.4. A. Extension Activities (including activities of FLD programmes)

| | | | | Farme | rs | Exte | ension Offi | cials | | Total | |
|---------------------------------|-------------------|-------------|-------------|-------|---------------------------|------|-------------|-------|------|--------|-------|
| Nature of Extension Activity | No. of activities | M | F | Т | SC/ ST (% of total) | Male | Female | Total | Male | Female | Total |
| | | | | | | | | | | | |
| Field Day | 11 | 3 9 6 | 1 5 4 | 550 | 11 | 34 | | 34 | | | 550 |
| KisanMela | 01 | 2 4 3 | 5 7 | 330 | 14 | 2 | | | | | 330 |
| KisanGhosthi | 02 | 2 | 6 | 32 | 15 | | | | | | 32 |

| | | 6 | | | | | | | | |
|--------------------------------|-----|-----|----------|------|-----|----|---|---|---|------|
| Exhibition | | 5 | 1 | | 11 | | | | | 765 |
| | 03 | 6 | 9 | 765 | | 11 | | | | |
| | | 8 | 7 | | | | | | | |
| Film Show | | 1 | 1 | | 16 | | | | | 145 |
| | 08 | 3 | 8 | 145 | | | | | | |
| | | 7 | | | | | | | | |
| Method | | | | | | | | | | |
| Demonstrations Farmers Seminar | | | | | | | | | | |
| | | | | | | | | | | |
| Workshop | | | <u> </u> | | | | | | | |
| Group meetings | | | | | | | | | | |
| Lectures delivered as | | 2 | 8 | | 12 | | | | | 3240 |
| resource persons | 54 | 3 | 7 | 324 | | | | | | |
| | | 6 | 3 | 0 | | | | | | |
| A.1. ' C ' | | 7 | | | | | | | | |
| Advisory Services | | 4 | | | 4.4 | | 1 | | | 1.77 |
| Scientific visit to | | 1 | 7 | 1.67 | 11 | | | | | 1675 |
| farmers field | 86 | 6 | 7 2 | 167 | | | | | | |
| | | 0 3 | 2 | 5 | | | | | | |
| Farmers visit to KVK | | 6 | | | 19 | | | | | 764 |
| rainiers visit to KVK | 764 | 8 | 8 | 764 | 19 | | | | | 704 |
| | 704 | 0 | 4 | 704 | | | | | | |
| Diagnostic visits | | 3 | | | 14 | | | | | 402 |
| Diagnostic visits | 39 | 4 | 5 | 402 | 17 | | | | | 102 |
| | | 6 | 6 | | | | | | | |
| Exposure visits | 0.2 | 1 | | 25 | | | | | | 25 |
| • | 03 | 9 | 6 | 25 | | | | | | |
| Ex-trainees Sammelan | 01 | 4 | 7 | 50 | 7 | | | | | 50 |
| | 01 | 3 | / | 30 | | | | | | |
| Soil health Camp | 01 | 2 | 9 | 32 | 2 | | | | | 32 |
| | | 3 | 1 | 32 | | | | | | |
| Animal Health Camp | 01 | | | | | | | | | 35 |
| Agri mobile clinic | | | | | | | | | | |
| Soil test campaigns | | | | | | | | | | |
| Farm Science Club | | | | | 8 | | | | | |
| Conveners meet | | | | | | | | | | |
| Self Help Group | | | | | 12 | | | | | |
| Conveners meetings | | | | | | | 1 | | | |
| Mahila Mandals | | | | | | | | | | |
| Conveners meetings | | | | | | | 1 | | | |
| Celebration of | | 1 | 4 | | 17 | | | | | 2000 |
| important days | 04 | 5 | 3 | 200 | | | | | | |
| (specify) | | 6 | 3 | 0 | | | | | | |
| Controlo Co C: 4.41-: | | 7 | | | | | 1 | 1 | 1 | 1 |
| Sankalp Se Siddhi | | | | | 1.1 | | 1 | | | 1 |
| Swatchta Hi Sewa | | | | | 11 | | 1 | 1 | 1 | |
| Mahila Kisan Divas | 01 | 3 | 1 | 6 | 15 | | | | | 50 |
| A O(1) (D) 1 | - | 8 | 2 | | | | 1 | | | 150 |
| Any Other (Research | 06 | | | | | | | | | 150 |
| Extension Meeting) | | | | | | | 1 | + | + | 1 |
| Total | | | <u> </u> |] | | | | | | |

B. Other Extension activities

| Nature of Extension Activity | No. of activities |
|------------------------------|-------------------|
| Newspaper coverage | 21 |

| Radio talks | 02 |
|----------------------|----|
| TV talks | 02 |
| Popular articles | 02 |
| Extension Literature | |
| Newsletter | 03 |

a. Production and supply of Technological products

Village seed

| T that c seed | | | | | | | | |
|---------------|---------|----------------------|---------------|--|----|----|--------------------|-------|
| Crop | Variety | Quantity of seed (q) | Value (Rs) | No. of farmers involved in village seed production | | | of farm ed prov | |
| | | | | | SC | ST | Other | Total |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Total | | | | | | | | |

KVK farm

| Crop | Variety | Quantity of seed (q) | Value (Rs) | | Number of whom see | farmers d provided | |
|-------------|---------|----------------------|---------------|----|--------------------|--------------------|-------|
| | | | | SC | ST | Other | Total |
| Paddy | Pooja | 165.6 (processed) | | | | OSSC | |
| Paddy | Sarala | 67.2 (processed) | 188227 | | | OSSC | |
| Pigeon pea | PRG-176 | 1.2 (Unprocessed) | 23750 | | | | |
| Blackgram | Prasad | 2.4 (Unprocessed) | 26880 | | | | |
| Ragi | Arjun | 2.1 (Unprocessed) | 11220 | | | | |
| Grand Total | | 238.5 | 712802 | | | | |

Production of planting materials by the KVKs

| Crop | Variety | No. of planting materials | Value (Rs) | to whon | Number of far whom planting mate | | | |
|---------------------|--------------|---------------------------|---------------|---------|-------------------------------------|-------|-------|--|
| | | | | SC | ST | Other | Total | |
| Vegetable seedlings | | | | | | | | |
| Cauliflower | | | | | | | | |
| Cabbage | | | | | | | | |
| Tomato | Arka Rakshyk | 16000 | 23500 | | | | | |
| Brinjal | JK8031 | 11000 | 11000 | | | | | |
| Chilli | | | | | | | | |
| Onion | | | | | | | | |
| Others, Drumstick | PKM-1 | 1568 | 23520 | | | | | |
| Fruits | | | | | | | | |
| Mango | | | | | | | | |
| Guava | | | | | | | | |
| | Local | 127 | 5080 | | | | | |
| Lime | | | | | | | | |
| Papaya | Red lady | 750 | 15000 | | | | | |

| Banana | | | | |
|------------------------|---|---|--|--|
| Others | | | | |
| Ornamental plants | | | | |
| Medicinal and Aromatic | | | | |
| Plantation | | | | |
| Spices | | | | |
| Turmeric | | | | |
| Tuber | | | | |
| Elephant yams | | | | |
| Fodder crop saplings | | | | |
| Forest Species | | | | |
| Others | | | | |
| Total | _ | _ | | |

Production of Bio-Products

| | Quantity | | | | | |
|---------------------------------|------------|-------------|----|-----------|----------|---------|
| Name of product | Kg | Value (Rs.) | No | o. of Far | mers ben | efitted |
| | | | SC | ST | Other | Total |
| Bio-fertilizers (Vermicompost) | 600 | 6000 | | | 10 | 10 |
| Bio-pesticide | | | | | | |
| Bio-fungicide | | | | | | |
| Bio-agents (Vermin) | 2.7 | 1350 | | | | |
| Others, mushroom spawn | 660 bottle | 9900 | 5 | | 23 | 28 |
| Mushroom (Paddy straw + Oyster) | 18 | 900 | | | 10 | 10 |
| Total | | 18150 | | | | |

Production of livestock materials

| Particulars of Live stock | Name of the breed | Number | Value (Rs.) | No. of | Farm | ers ben | efitted |
|---------------------------|-------------------|--------|-------------|--------|------|---------|---------|
| | | | | SC | ST | Other | Total |
| Dairy animals | | | | | | | |
| Cows | | | | | | | |
| Buffaloes | | | | | | | |
| Calves | | | | | | | |
| Others (Pl. specify) | | | | | | | |
| Small ruminants | | | | | | | |
| Sheep | | | | | | | |
| Goat | | | | | | | |
| Other, please specify | | | | | | | |
| Poultry | | | | | | | |
| Broilers | | | | | | | |
| Layers | | | | | | | |
| Duals (broiler and layer) | Chabro | 100 | 6000 | | | 10 | |
| | Kaveri | 100 | 6000 | | | 10 | |
| | Aseel | 340 | 20400 | | | 5 | |
| Japanese Quail | J Quail | 30 | 900 | | | 3 | |
| Turkey | | | | | | | |
| Emu | | · | | | | | |

| Ducks | Khaki Campbell | 140 | 8400 | 7 |
|----------------------------|----------------|---------|-------|----|
| Others (Pl. specify) | | | | |
| Piggery | | | | |
| Piglet | | | | |
| Hog | | | | |
| Others (Pl. specify) | | | | |
| Fisheries | | | | |
| Indian carp | | | | |
| Exotic carp | | | | |
| Mixed carp | | | | |
| Fish fingerlings/Yearlings | IMC | 5000 | 20000 | |
| Spawn | IMC | 4.5lakh | 4050 | 10 |
| Others (Pl. specify) | | | | |
| Grand Total | | | | _ |

3.5. b. Seed Hub Programme - "Creation of Seed Hubs for Increasing Indigenous Production of Pulses in India" i) Name of Seed Hub Centre:

| Name of Nodal Officer: | |
|-------------------------|--|
| Address: | |
| e-mail: | |
| Phone No. : Mobile : | |

ii) Quality Seed Production Reports

| Season | Crop | Variety | Production | (q) | | |
|--------------------|------|---------|------------|----------------|----------------|-----------------------------|
| | | | Target | Area sown (ha) | Producti on | Category of Seed (F/S, C/S) |
| Kharif 2018 | | | | | | |
| | | | | | | |
| Rabi 2018-19 | | | | | | |
| | | | | | | |
| Summer/Spring 2019 | | | | | | |

iii) Financial Progress

| Fund received | Expenditure | (Rs. in lakhs) | Unspent balance | Remarks |
|--------------------------------|----------------|----------------|-----------------|---------|
| (2016-17, 2017-18 and 2018-19) | Infrastructure | Revolving fund | (Rs. in lakhs) | |
| 2016-17 | | | | |
| 2017-18 | | | | |
| 2018-19 | | | | |

iv) Infrastructure Development

| Item | Progress |
|------------------------|----------|
| Seed processing unit | |
| Seed storage structure | |

3.6.

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

| Item | Title | Author's name | Number | Circulation |
|-----------------------|---------------------|----------------|--------|-------------|
| Research paper | Effect of probiotic | SK Joshi, PK | | |
| | supplementationon | Panda, SK | | |
| | growth performance | Samantaray | | |
| | during brooding in | | | |
| | Pallishreebirds | | | |
| | Constrains under | SK Samantaray, | | |
| | contract farming in | PK Panda & MP | | |
| | Sugarcane: a case | Nayak | | |
| | study | | | |
| Seminar/conference/ | | | | |
| symposia papers | | | | |
| Books | | | | |
| Bulletins | | | | |
| News letter | KVK activities | | 1000 | |
| Popular Articles | | | | |
| Book Chapter | | | | |
| Extension | | | | |
| Pamphlets/ literature | | | | |
| Technical reports | | | | |
| TOTAL | | | | |

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

(B) Details of HRD programmes undergone by KVK personnel:

| Sl. No. | Name of programme | Name of course | Name of KVK personnel and designation | Date and Duration | Organized by |
|------------|----------------------|--|--|-------------------|--|
| 1. | Capacity building | MDP programme for newly recruited Programme Coordinator of KVKs | Dr.Swagatika Sahu,Senior Scientist & Head | 30 days | NAARM, Hyderabad, KVK, Kurnool & ATARI, Kolkata |
| 2. | Orientation | Operational modalities of KVK | Dr.Swagatika Sahu, Senior Scientist & Head | 04 days | DEE, OUAT, Bhubaneswar |
| 3. | Orientation | Launching of ARYA project | Dr.Swagatika Sahu, Senior Scientist & Head | 01 day | ATARI, Kolkata |
| 4. | Orientation | Orientation Training programme | Sri Prasanta Kumar Panda,SC.PP | 03 days | ATARI, Kolkata |
| 5. | Review meeting | NICRA review workshop | Sri Prasanta Kumar Panda, SC.PP | 02 days | Malda KVK, WB |
| 6. | Workshop | Workshop on developing climate resilient village for sustainable food & nutritional security | Sri Prasanta Kumar Panda, SC.PP | 02 days | MANAGE, Hyderabad |
| 7. | Winter school | Winter school on Dynamics of Entrepreneurial Developing for Empowering Rural Youth in Agriculture | Dr. santosh Kumar Samantaray, SC.Agril.Extension | 21 days | OUAT,BBSR |
| 8 | Winter school | Doubling farmer income – family approach | Dr. Siddharth Ranabijuli, SC.Animal Sc. | 21 days | UAS, Dharwad |
| 9 | Workshop | Workshop on PPV & | Bishnupada Giri, | 01 day | ATARI, |

| | | FR | SC.Hort. | | Kolkata |
|----|---------------|-----------------------|--------------------------|---------|---------|
| 10 | Winter school | Short course- | Anita Patro, SC.Home Sc. | 10 days | OUAT, |
| | | Ergonomic | | | BBSR |
| | | interventions for | | | |
| | | designing women | | | |
| | | friendly agricultural | | | |
| | | technologies for | | | |
| | | reduction of | | | |
| | | occupational health | | | |
| | | hazards | | | |

3.7. Success stories/Case studies, if any (two or three pages write-up on 1-2 best case(s) with suitable action photographs)

| Name of farmer | Mahendra Kumar Nayak |
|--|---|
| Address | At-Lepa, PO- Jirabadi, Jannath Prasad. Ganjam |
| Contact details (Phone, mobile, email Id) | 9777282482 |
| Landholding (in ha.) | 04 |
| Name and description of the farm/ enterprise | Dairy, Sweet corn, Vegetable, Apiary, Rice, Greengram |
| Economic impact | Rs. 4,36,300 profit annually |
| Social impact | Motivation agent for other farmers |
| Environmental impact | Vermicomposting |
| Horizontal/ Vertical spread | 12 nos. |

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

| Sl. No. | Name/ Title | of | the | Name/ Detail | ls of the | Brief details of the Innovative Technology |
|---------|------------------|-----------|-----|---------------|-----------|---|
| | technology | | | Innovator(s) | | |
| 1 | Bird, Wild anima | al Scarer | | Mahendra | Kumar | Bamboo rod like structure, by beating it coarse sound |
| | | | | Nayak, At-L | epa, PO- | formed. |
| | | | | Jirabadi,Jann | ath | |
| | | | | Prasad.Ganja | ım, | |
| | | | | 9777282482 | | |

3.9. a. 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)

| Sl. No. | Crop / Enterprise | ITK Practiced | Purpose of ITK |
|------------|-------------------|---------------|----------------|
| | | | |

b. Give details of organic farming practiced by the farmer

| Sl. No. | Crop / Enterprise | Area (ha)/ No. covered | Production | No. of farmers involved | Market available (Y/N) |
|------------|-------------------|------------------------|------------|-------------------------|------------------------|
| | | | | | |

3.10. Indicate the specific training need analysis tools/methodology followed by KVKs

| Sl. No. | Brief details of the tool/ methodology | Purpose for which the tool was followed |
|---------|---|---|
| | followed | |
| 1 | Focus group discussion, Brain storming, ,problem matrix | Training,FLD & OFT |

3.11. a. Details of equipment available in Soil and Water Testing Laboratory

| Sl. No | Name of the Equipment | Qty. |
|--------|-----------------------|--------|
| 1 | Mrida Parikshyaka | 02 nos |
| | | |

3.11.b. Details of samples analyzed so far :

| Number of soil samples analyzed | | | No. of Farmers | No. of Villages | Amount realized (in Rs.) |
|---------------------------------|--------------------|-------|-------------------|-----------------|--------------------------|
| Through mini soil | Through soil | Total | | | |
| testing kit/labs | testing laboratory | | | | |
| 194 | | 194 | 884 | 32 | 1064 |

3.11.c. Details on World Soil Day

| Sl. | Activity | No. of | No. of VIPs | Name (s) of | Number of Soil Health Cards | No. of |
|-----|--|--------------|-------------|-------------|-----------------------------|------------|
| No. | | Participants | | VIP(s) | distributed | farmers |
| | | | | | | benefitted |
| 1 | Exhibition, Seminar, interaction | 300 | 03 | | 300 | 300 |

3.12. Activities of rain water harvesting structure and micro irrigation system

| No of training programme | No of demonstrations | No of plant material produced | Visit by the farmers | Visit by the officials |
|--------------------------|----------------------|-------------------------------|----------------------|------------------------------|
| | | | | |

3.13. Technology week celebration

| Type of activities | No. of activities | Number of participants | Related crop/livestock technology |
|---|-------------------|------------------------|---|
| Method demonstration, lecture, awareness, | 07 | 185 | Paddy, vegetable, Poultry, Mushroom, Pisciculture |
| interaction | | | |

3.14. RAWE/ FET programme - is KVK involved? (Y/N)

| days stayed |
|-------------|
| |

| ARS trainees trained | No of days stayed |
|----------------------|-------------------|
| | |

3.15. List of VIP visitors (Minister/ MP/MLA/DM/VC/Zila Sabhadipati/Other Head of Organization/Foreigners)

| Date | Name of the person | Purpose of visit |
|------------|------------------------------------|-------------------------------------|
| 29.08.2018 | Prof. S.N Pasupalak, Hon'ble Vice- | Review KVK activities |
| | chancellor | |
| 22.10.2018 | Prof. S.N Pasupalak, Hon'ble Vice- | Visit to Titli affected fields |
| | chancellor | |
| 17.12.2018 | Prof. S.N Pasupalak, Hon'ble Vice- | Review KVK activities |
| | chancellor | |
| 27.07.2018 | Prof. P.K Roul, Dean, Extension | Field visit ,KVK instructional farm |
| | Education,OUAT | |
| 30.08.2018 | Prof. P.K Roul, Dean, Extension | Review of KVK activities |

| | Education, OUAT | |
|------------|---------------------------------|------------------------------|
| 15.03.2019 | Dr. M.P. Nayak, JDE, DEE, OUAT, | SAC meeting & Review of KVK, |
| | BBSR | Activities |

4. IMPACT

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

| Name of specific | No. of participants | % of adoption | Change in inco | Change in income (Rs.) | | | |
|---|---------------------|---------------|-------------------|------------------------|--|--|--|
| technology/skill transferred | | | Before (Rs./Unit) | After (Rs./Unit) | | | |
| Weed Management in Paddy | 25 | 46 | 31000 | 39000 | | | |
| Integrated Nutrient Management in paddy | 25 | 75 | 27000 | 38000 | | | |
| Integrated Pest Management in Paddy | 25 | 58 | 43000 | 52000 | | | |
| Management of pests and disease in Mango | 25 | 41 | 54000 | 61000 | | | |
| Integrated Pest Management in Brinjal | 25 | 48 | 43000 | 52000 | | | |
| Carp seed production and rearing of fry & fingerlings | 15 | 68 | 148600 | 165600 | | | |
| Nursery management in paddy | 25 | 69 | 35000 | 39000 | | | |
| Management of pests in Maize | 25 | 54 | 19000 | 23000 | | | |
| IPM of Tea mosquito bug in Cashewnut | 25 | 56 | 13000 | 17000 | | | |
| Management of insect, pest in tomato | 25 | 61 | 54000 | 61000 | | | |
| Management of Pest in Chilli | 25 | 53 | 48000 | 64000 | | | |
| Safe use of pesticides and chemical | 25 | 52 | | | | | |
| Management pest and diseases in Pigeon pea. | 25 | 54 | 19000 | 23000 | | | |
| Multiple stocking & multiple harvesting in pond culture | 25 | 65 | 273000 | 362000 | | | |
| Production of fingerlings, stunted fingerlings & yearlings | 25 | 64 | 235000 | 286000 | | | |
| Feeding management for carp culture (FLD-floating) | 25 | 59 | 246000 | 330000 | | | |
| Composite fish culture | 25 | 45 | 233000 | 290000 | | | |
| Fish diseases and their management | 25 | 64 | 235000 | 286000 | | | |
| Pisciculture in village community tanks | 25 | 59 | 226000 | 281000 | | | |
| Paddy straw mushroom cultivation | 25 | 71 | 120 | 150 | | | |
| Ideal agricultural farm record keeping. | 15 | 76 | | | | | |
| Income generation through Poultry farming | 15 | 41 | 12000 | 20000 | | | |
| Deworming and disease management in kids | 10 | 59 | 8000 | 10500 | | | |

NB: Should be based on actual study, questionnaire/group discussion etc. with ex-participants

4.2. Cases of large scale adoption

(Please furnish detailed information for each case)

| Horizontal spread of technologies | | | | |
|--|-------------------|--|--|--|
| Technology | Horizontal spread | | | |
| Drought tolerant short duration Paddy var. Sahabhagidhan | 142 ha. | | | |
| Weedicide –Pretilachlor application in Paddy | 321 ha. | | | |
| Blast disease management by seed treatment & spraying of | 632ha. | | | |
| Tricyclazole | | | | |
| Use of floating fish feed | 34 ha | | | |
| Application of Boron in Cauliflower | 74 ha. | | | |

Give information in the same format as in case studies

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

| ĺ | Sl. No. | Brief details of technology | Impact | of | the | technology | in | Impact | of | the | technology | in |
|---|---------|-----------------------------|-----------|--------|-----|------------|----|-----------|--------|-----|------------|----|
| | | | subjectiv | ve ter | ms | | | objective | e terr | ns | | |
| | | | | | | | | | | | | |

4.4. Details of innovations recorded by the KVK

| Thematic area | |
|---------------------------------|--|
| Name of the Innovation | |
| Details of Innovator | |
| Back ground of innovation | |
| Technology details | |
| Practical utility of innovation | |

4.5. Details of entrepreneurship development

| Entrepreneurship development | |
|--|--|
| Name of the enterprise | |
| Name & complete address of the entrepreneur | |
| Role of KVK with quantitative data support: | |
| Timeline of the entrepreneurship development | |
| Technical Components of the Enterprise | |
| Status of entrepreneur before and after the | |
| enterprise | |
| Present working condition of enterprise in | |
| terms of raw materials availability, labour | |
| availability, consumer preference, marketing | |
| the product etc. (Economic viability of the | |
| enterprise): | |
| Horizontal spread of enterprise | |

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

| Name of organization | Nature of linkage |
|--------------------------------------|---|
| 1. Pulse Research Station, Berhampur | Provides the breeder and foundation seeds of the new varieties of the major crops of this district for multiplication and distribution to the farmers of this area. Provides all possible technical guidance and helps in solving the problems related to pest and diseases of the crops of the area |

| | | Research results are being communicated to us for transfer of the same to the farming community. Feed back collected from farmers on performance of research results are supplied to the RRS regularly for refinement. |
|------|--|--|
| 2. | State Department of Agriculture, Berhampur | Selected trainees and extension personnel were trained in KVK on various subjects. Facilitation of visits for adopted farmers to KVK field units. |
| | | Collaborative demonstrations were taken up. Collaborative extension activities like field days, exhibitions and seminars were conducted. BGREI monitoring |
| 3. | State Department of Horticulture, Bhanjanagar | Provided seedlings of different horticultural crops to LLP, SC/ST beneficiaries. Collaborative trainings, field days, demonstrations have been conducted. Training of rural youth on grafting and raising vegetable nursery were conducted at their horticultural units. |
| 4. | State Department of Animal Husbandry and Veterinary Science | Deputed specialist veterinary doctors to deliver guest lecturers. Supply of poultry birds. Collaborative programmes like health, infertility of dairy animals, exhibition, field days and demonstrations |
| 5. | Orissa State Seed Corporation, Berhampur | Organising training programmes for resource rich and progressive farmers as well as extension workers for undertaking seed production programme. Exchange of seeds for better quality crop husbandry. Development of seed village under seed village scheme |
| 6. | State Department of Fisheries | Joint diagnostic survey, conducting training programmes and demonstrations. Training to Block level officers. |
| 7. | ATMA | Developing SREP plan Reviewing Block Action Plan & guidance. Training to FAC & BTT members. Conducting strategic research. Conducting Farmer Participatory Research. |
| 8. 0 | CIMMYT | Hybrid Maize trial |
| 8. | CRRI, Cuttack | Hyv, stress tolerant var. of Paddy |
| 9. | CTCRI, Regional Centre, Bhubaneswar | Planting materials of tuber crops |
| 10. | CARI, Regional centre, Bhubaneswar | Supply of Banaraja poultry bird and Khaki Campbell ducklings |
| 11 | NABARD | Technical support to Farmers club . |

5.2. List of special programmes undertaken during 2018-19 by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies (information of previous years should not be provided)

a) Programmes for infrastructure development

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

(b) Programme for other activities (training, FLD,OFT, Mela, Exhibition etc.)

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

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

6.1. Performance of demonstration units (other than instructional farm)

| Sl. | Name of | Year | Area | Details of | production | | Amour | nt (Rs.) | |
|-----|--------------|----------|----------|-------------------|------------|------|----------------|--------------|---------|
| No. | demo Unit | of estt. | (Sq. mt) | Variety/bree d | Produce | Qty. | Cost of inputs | Gross income | Remarks |
| 1. | Vermicomo | 201 | 50 | E. foetida | vermi | 16 | 6000 | 8000 | |
| | st | 1 | | | worm | kg | | | |
| 2. | Crop | 200 | 60 | Bittergourd, | Bulk | 6.5 | 11000 | 13000 | |
| | cafetaria | 9 | 0 | Cabbage, | | q | | | |
| | | | | Okra, Chilli, | | | | | |
| | | | | Tomato | | | | | |
| 3. | Polyhouse | 201 | 18 | Vegetable | seedli | 45 | 27000 | 45000 | |
| | | 1 | 0 | seedlings | ngs | 00 | | | |
| | | | | | | 0 | | | |
| | | | | | | no | | | |
| | | | | | | S | | | |
| 4. | Poultry unit | 201 | 27 | Chabro | | | 4027 | 6000 | |
| | | 1 | | | | 100 | | | |
| | | | | Kaveri | | 100 | 4030 | 6000 | |
| | | | | Aseel | | 340 | 15850 | 20400 | |
| | | | | J Quail | | 30 | 800 | 900 | |
| 5. | Duckery | | | Khaki Campbell | | | 5585 | 8400 | |
| | unit | | | | | 140 | | | |
| 6. | Mushroom | 201 | 10 | Paddy straw- | Mushroo | | 4400 | 5650 | |
| | unit | 0- | 0 | V.volvacea | m | | | | |
| | | 11 | be | Oyster | | | | | |
| | | | ds | mushroom – | | | | | |
| | | | | P.sajarcaju | | 88kg | | | |
| 7. | | | | | | | | | |
| | Total | | | | | | | | |

6.2. Performance of Instructional Farm (Crops)

| Name Of the crop | Date of sowing | Date of | Date of gq. | | Details of production | | | Amount (Rs.) | | |
|---------------------|----------------|----------|-------------|---------------|-----------------------|---------|----------------------|--------------|-----------|--|
| | | harvest | Area (| Variety | Type of Produce | Qty.(q) | Cost of inputs | Gross income | mar ks | |
| Arhar | 28.07.18 | 28.11.18 | 0.04 | ICPL 20338 | Seed production | 0.2 | | | | |
| cowpea | 4.5.18 | 28.06.18 | 0.004 | Gayatri | Bulk veg | 0.24 | 290 | 480 | | |
| Okra | 4.5.18 | 1.7.18 | 0.004 | Aishwarya | Bulk veg | 0.4 | 370 | 600 | | |
| Tomato | 29.09.18 | 25.01.19 | 0.004 | A.rakshk | Bulk veg | 1.3 | 760 | 1300 | | |
| | | | | A.samrat | Bulk veg | 1.2 | 760 | 1200 | | |
| Carrot | 24.11.18 | 10.03.19 | 0.004 | Kuruda | Bulk veg | 0.7 | 640 | 1050 | | |
| Beet | 25.11.18 | 10.03.19 | 0.004 | Ruby red | Bulk veg | 0.6 | 520 | 900 | | |
| Capsicum | 8.11.18 | 3.1.19 | 0.004 | NS-680 | Bulk veg | 0.5 | 570 | 1000 | | |
| Chili | 7.12.18 | 2.3.19 | 0.004 | Daya | Bulk veg | 0.4 | 490 | 800 | | |
| Brinjal | 8.12.18 | 26.02.19 | 0.004 | JK-8031 | Bulk veg | 1.2 | 680 | 1200 | | |
| Bittergourd | 4.1.19 | 28.2.19 | 0.004 | Akash | Bulk veg | 0.55 | 540 | 1100 | | |

6.3. Performance of Production Units (bio-agents / bio pesticides/ bio fertilizers etc.,)

| S1. | Name of the | | Amou | nt (Rs.) | |
|-----|-------------|-----------|----------------|--------------|---------|
| No. | Product | Qty. (Kg) | Cost of inputs | Gross income | Remarks |
| | | | | | |

6.4. Performance of instructional farm (livestock and fisheries production)

| Sl. | Name | Deta | Details of production | | An | nount (Rs.) | |
|-----|------------------------------------|----------|-----------------------|------|----------------|--------------|---------|
| No | of the animal / bird / aquatics | Breed | Type of Produce | Qty. | Cost of inputs | Gross income | Remarks |
| 1. | Poultry unit | Chabro | Troduce | 100 | 4027 | 6000 | |
| 2. | | Kaveri | | 100 | 4030 | 6000 | |
| 3. | | Aseel | | 340 | 15850 | 20400 | |
| | | J Quail | | 30 | 800 | 900 | |
| | Duckery unit | Khaki | | | 5585 | 8400 | |
| | | Campbell | | 140 | | | |

6.5. Utilization of hostel facilities

Accommodation available (No. of beds)

| Months | No. of trainees stayed | Trainee days (days stayed) | Reason for short fall (if any) |
|----------|------------------------|----------------------------|--------------------------------|
| December | 16 | 1 | |
| February | 16 | 30 days | |
| March | 15 | 25 days | |
| Total: | | • | |

(For whole of the year)

6.6. Utilization of staff quarters

Whether staff quarters has been completed: dilapidated condition

No. of staffquarters:10 Date of completion:1995 Occupancy details:

| Months | QI | QII | Q III | QIV | QV | QVI |
|--------|----|-----|-------|-----|----|-----|
| | | | | | | |
| | | | | | | |
| | | | | | | |

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

| Bank account | Name of the bank | Location | Account Number |
|--------------|---------------------|-------------|----------------|
| KVK | State Bank of India | Bhanjanagar | 11349671187 |
| KVK (RF) | State Bank of India | Bhanjanagar | 30421978750 |

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

| | Release | d by ICAR | Expenditure | | |
|------|---------|-----------|-------------|------|-------------------------|
| Item | Kharif | Rabi | Kharif | Rabi | Unspent balance as on - |
| | | | | | - |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

7.3. Utilization of funds under CFLD on Pulses (Rs. In Lakhs)

| | Released by ICAR | | Expen | Unspent balance | |
|------|------------------|------|--------|-----------------|-----------------|
| Item | Kharif | Rabi | Kharif | Rabi | as on 1st April |
| | | | | | 2013 |
| | | | | | |
| | | | | | |

7.4. Utilization of KVK funds during the year 2018-19 (Not audited)

| S1. | Particulars | Sanctioned | Relea |
|---------|-------------------------|------------|----------|
| No. | | | |
| A. Recu | Tring Contingencies | I | <u> </u> |
| 2 | Pay & Allowances | 75000 | 75000 |
| 2 | Traveling allowances | 75000 | 75000 |
| 3 | Contingencies | 1 | |
| A | | _ | |
| В | | | |
| C | | | |
| D | | | |
| E | | | |
| F | | | |
| G | | | |
| Н | | | |
| I | | | |
| J | Swachhta Expenditure | | |
| | TOTAL (A) | | |
| B. Non- | Recurring Contingencies | | |
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| | TOTAL (B) | | |
| C. REV | OLVING FUND | | |
| | GRAND TOTAL (A+B+C) | | |
| • | | • | |

7.5. Status of revolving fund (Rs. in lakh) for last 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 (Kind + cash) |
|---------|--|------------------------|-----------------------------|--|
| 2015-16 | 12647 | 873425 | 7234291 | 139134 |
| 2016-17 | 139134 | 349150 | 487491 | 65000 |
| 2017-18 | 793 | 747078 | 743138 | 154000 |
| 2018-19 | | | | |

7.6. (i) Number of SHGs formed by KVKs

- (ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities
- (iii) Details of marketing channels created for the SHGs

7.7. Joint activity carried out with line departments and ATMA

| Name of activity | Number activity | of | Season | With department | line | With ATMA | With both |
|--------------------------|-----------------|----|--------|-----------------|------|--------------|-----------|
| BPH management awareness | 18 | | Kharif | Agril. Dept. | | | |
| Pulse demon. | 02 | | Rabi | | | | both |
| Training programme | 14 | | | | | | both |

| Verifivation of planting material | 01 | Hort. Dept | |
|-----------------------------------|----|------------------|--|
| Animal health camp | 04 | Veterinary dept. | |

8. Other information

8.1. Prevalent diseases in Crops

| Name of the disease | Crop | Date of outbreak | Area affected (in ha) | % Commodity loss | Preventive measures taken for area (in ha) |
|---------------------|------|------------------|-----------------------------|------------------|--|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

8.2. Prevalent diseases in Livestock/Fishery

| Name of the disease | Species affected | Date of outbreak | Number of death/ Morbidity rate (%) | Number of animals vaccinated | Preventive measures taken in pond (in ha) |
|---------------------|------------------|------------------|--|------------------------------|---|
| | | | | | |

9.1. Nehru Yuva Kendra (NYK) Training

| Title of the training | Period | | No. of the participant | | Amount of Fund Received |
|-----------------------|--------|----|------------------------|---|-------------------------|
| programme | | | | | (Rs) |
| | From | То | M | F | |
| | | | | | |
| | | | | | |

9.2. PPV & FR Sensitization training Programme

| Date of organizing the programme | Resource Person | No. of participants | Registration | (crop wise) |
|----------------------------------|-----------------|---------------------|--------------|---------------------|
| | | | Name of crop | No. of registration |
| | | | | |

9.3. mKisan Portal (National Farmers' Portal/ SMS Portal)

| Type of message | No. of messages | No. of farmers covered |
|----------------------|-----------------|------------------------|
| Crop | 37 | 51342 |
| Livestock | 12 | |
| Fishery | 9 | |
| Weather | 7 | |
| Marketing | 2 | |
| Awareness | 5 | |
| Training information | | |
| Other | 3 | |
| Total | 75 | |

9.4. KVK Portal and Mobile App

| Sl. No. | Particulars | Description |
|---------|--|-------------|
| 1. | No. of visitors visited the portal | 3490 |
| 2. | No. of farmers registered in the portal | 12567 |
| 3. | Mobile Apps developed by KVK | - |
| 4. | Name of the App | - |
| 5. | Language of the App | - |
| 6. | Meant for crop/ livestock/ fishery/ others | = |

| 7. | No. of times downloaded | i |
|----|-------------------------|---|

9.5. a. Observation of Swachh Bharat Programme

| a. Observation of Swachii Bharat Programme | |
|---|--|
| Date/ Duration of Observation | Activities undertaken |
| 16.12.18, 17.12.18, 20.12.18, 21.12.18, 23.12.18, 28.12.18, 29.12.18, 30.12.18 | Displayed banners at prominent places, taking swachhata pledge, plantation of tress. Cleaning of offices, corridors and premises. Stock taking of biodegradable and non-biodegradable waste disposal status. Campaign of cleaning of sewerage in 1-2 nearby villages. Cleaning of public places Awareness campaign, Meeting, Road show & interaction |

ь. Details of Swachhta activities with expenditure

| | Activities | Number | Expenditure (in Rs.) |
|-----|--|--------|----------------------|
| 1. | Digitization of office records/ e-office | | |
| 2. | Basic maintenance | 04 | 1500 |
| 3. | Sanitation and SBM | 04 | 3200 |
| 4. | Cleaning and beautification of surrounding areas | 03 | 1200 |
| 5. | Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste | 04 | 2400 |
| 6. | Used water for agriculture/ horticulture application | | |
| 7. | Swachhta Awareness at local level | 01 | 500 |
| 8. | Swachhta Workshops | | |
| 9. | Swachhta Pledge | | |
| 10. | Display and Banner | 04 | 2400 |
| 11. | Foster healthy competition | | |
| 12. | Involvement of print and electronic media | | |
| 13. | Involving the farmers, farm women and village youth in the adopted villages (no of adopted village) | 03 | |
| | No of Staff members involved in the activities | 12 | |
| 15. | No of VIP/VVIPs involved in the | | |

| activities | | |
|--|----|-------|
| 16. Any other specific activity (in details) | | |
| Total | 35 | 11200 |

9.6. Observation of National Science day

| Date of Observation | Activities undertaken |
|---------------------|-----------------------|
| | |

9.7. Programme with Seema Suraksha Bal/ BSF

| Title of Programme | Date | No. of participants |
|--------------------|------|---------------------|
| | | |

9.8. Agriculture Knowledge in rural school

| Name and address of school | Date of visit to school | Areas covered | Teaching aids used |
|----------------------------|-------------------------|---------------|--------------------|
| | | | |
| | | | |

Give good quality 1-2 photograph(s)

9.9. Details of 'Pre-Rabi Campaign' Programme

| Da | No. of | No. | No. of | | | | | | | | Cov | Cov |
|----|--------|-----------|--------|--|---------------------------------------|----------------------------|---------------------------|---------------|---|-------|------|------|
| te | Union | of Hon'bl | State | | | Part | icipants | (No.) | | | erag | erag |
| | | | | MLAs Atten ded the progra mme | Chair man ZilaPa nchay at | Part Distt. Collec tor/ DM | Ban k Offi cials | (No.) Farmers | Govt. Offici als, PRI memb ers etc. | Total | | |
| | | | | | | | | | | | | |

9.10. Details of Swachhta Hi Sewa programme organized

| Sl. | Activity | No. of | No. of | No. of VIPs | Name (s) of VIP(s) |
|-----|--|----------|----------|-------------|--|
| No. | | villages | Particip | | |
| | | Involved | ants | | |
| 1 | Cleaning & beautification of village surroundings, roads & ponds | 03 | 110 | 04 | Sarapanch & local farmer representatives |

9.11. Details of Mahila Kisan Divas programme organized

| S1. | Activity | No. of | No. of | No. of VIPs | Name (s) of VIP(s) |
|-----|-----------------------|----------|----------|-------------|--------------------|
| No. | | villages | Particip | | |
| | | Involved | ants | | |
| 1 | Meeting & interaction | 04 | 50 | 03 | OLM, ICDS |

| Ī | 1 | ī | ī | |
|-----------|---|---|---|---|
| programme | | | | ĺ |

9.12. No. of Progressive/ Innovative/ Lead farmer identified (category wise)

| Sl. | Name of Farmer | Address of the | Innovation/ Leading in enterprise |
|-----|--------------------------------|----------------|---|
| No. | | farmer with | |
| | | contact no. | |
| 1 | Sri Pitabasa Pradhan | 9928184275 | Drudgery reducing Paddy Straw Cutter |
| 2 | Sri Subash Chandra Maharana | 08763346321 | Hand Made Paddy Seed Drill |
| 3 | Sri Birendra Naik | 8458071034 | Poultry & mushroom |
| 4 | Sri Goura Chandra Rout | 9668845944 | IFS |
| 5 | Sri Maguni Pradhan | 8984186273 | Vegetable cultivation |
| 6 | Sri Surya Dash | 9439852555 | Mango orchard & pisciculture |
| 7 | Sri Madhab Chandra Apata | 9861813350 | Pond based farming system |
| 8 | Sri Prasanta Kumar Rout | 7377832249 | SRI method |

9.13. Revenue generation

| Sl.No. | Name of Head | Income(Rs.) | Sponsoring agency |
|--------|--------------|-------------|-------------------|
| 1. | | | |
| 2. | | | |
| 3. | | | |

9.14. Resource Generation:

| Sl.No. | Name of the programme | Purpose of the programme | Sources of fund | Amount (Rs. lakhs) | Infrastructure created |
|--------|-----------------------|--------------------------|-----------------|--------------------|------------------------|
| | | | | | |

9.15. Performance of Automatic Weather Station in KVK

| Date of establishment | Source of funding i.e. IMD/ICAR/Others (pl. specify) | Present status of functioning |
|-----------------------|--|-------------------------------|
| March, 2011 | CRIDA, hyderabad | Not working |

9.16. Contingent crop planning

| Name of the state | Name of district/KVK | Thematic area | Number of programmes organized | Number of Farmers contacted | A brief about contingent plan executed by the KVK |
|-------------------|----------------------|---------------------|--------------------------------|-----------------------------------|--|
| Odisha | Ganjam-I | Varietal evaluation | 06 | 230 | Drought tolerant short duration paddy var. Sahabhagidhan |
| | | NRM | 08 | 08 | Raising of farm bund ht. by 1 ft |
| | | Varietal evaluation | 02 | 38 | YMV tolerant short duration Greengram var. IPM 02-14 |

10. Report on Cereal Systems Initiative for South Asia (CSISA)

- a) Year:
- b) Introduction / General Information:

| | Title | Objective | Treatment | Date of | Replication | Result with |
|-----------------|-------|-----------|-----------|---------|-------------|-------------|
| | | | details | sowing | | photographs |
| Experiment 1 | | | | | | |
| Experiment 2 | | | | | | |
| Experiment 3 | | | | | | |
| | | | | | | |
| | | | | | | |
| Others (If any) | | | | | | |

11. Details of TSP

a. Achievements of physical output under TSP during 2017-18

| Programmes | Physical achievements |
|--|-----------------------|
| Asset creation (Number; Sprayer, ridge maker, pump set, weeder etc.) | |
| On-farm trials (Number) | |
| Frontline demonstrations (Number) | |
| Farmers training (in lakh) | |
| Extension personnel training (in lakh) | |
| Participants in extension activities (in lakh) | |
| Seed production (in tonnes) | |
| Planting material production (in lakh) | |
| Livestock strains and fingerlings production (in lakh) | |
| Soil, water, plant, manures samples testing (in lakh) | |
| Provision of mobile agro – advisory to farmers (in lakh) | |
| No. of other programmes (Swachha Bharat Abhiyaan, Agriculture | |
| knowledge in rural school, Planting material distribution, Vaccination | |
| camp etc.) | |

- b. Fund received under TSP in 2017-18 (Rs. In lakh):
- c. Achievements of physical outcome under TSP during 2017-18

| Sl. No. | Description | Unit | Achievements |
|---------|--|-------------------|--------------|
| | | | |
| | | | |
| 1 | Change in family income | % | |
| 2 | Change in family consumption level | % | |
| 3 | Change in availability of agricultural | No. per household | |
| | implements/ tools etc. | | |

d.Location and Beneficiary Details during 2017-18

| District | Sub- district | No. of Village covered | Name of village(s) covered | | ST population bene (No.) | fitted |
|----------|------------------|------------------------------|----------------------------------|---|-----------------------------|--------|
| | | | | M | F | T |
| | | | | | | |

12. Progress report of NICRA KVK (Technology Demonstration component) during the period (Applicable for KVKs identified under NICRA)

Natural Resource Management

| Name of intervention undertaken | Numbers under taken | No of units | Area (ha) | 1 | No of farmers covered / benefitted | | | | | | | | Remarks |
|---------------------------------|---------------------------|-------------|--------------|-------------------|------------------------------------|---|---|---|---|---|---|---|---------|
| | | | | SC ST Other Total | | | | | | | | | |
| | | | | M | F | M | F | M | F | M | F | T | |
| Raising of farm Bund | 01 | 22 | 6.0 | 0 | | | | 1 | | 2 | | 2 | |

| height to | | | | 5 | | 7 | 2 | 2 | |
|-----------------------|----|----|----------|---|--|---|---|---|--|
| 10 inch. | | | | | | | | | |
| Sowing of Cowpea in | 01 | | | 0 | | 0 | 0 | 0 | |
| Ridge & furrow method | | 08 | 2.0 | 2 | | 6 | 8 | 0 | |
| in upland | | | | | | | | 8 | |
| Sowing of Maize in | 01 | | | 0 | | 0 | 0 | 0 | |
| Ridge & furrow method | | 06 | 8.0 | 2 | | 4 | 6 | | |
| in upland | | | | | | | | 6 | |
| Green manuring by | 01 | 12 | 5.0 | 0 | | 0 | 1 | 1 | |
| Dhanicha(Dhanicha- | | | | 4 | | 8 | 2 | 2 | |
| Rice-Bina-11) | | | | | | | | | |
| Vermicomosting | 01 | 12 | 12 nos | 0 | | 0 | 1 | 0 | |
| - | | | | 3 | | 9 | 2 | 2 | |
| Low cost poly house | 01 | 01 | 03 | | | 0 | | 0 | |
| | | | | | | 3 | | 3 | |
| Check dam repairing | 01 | 46 | Paddy | 1 | | 3 | 4 | 4 | |
| | | | , | 2 | | 4 | 6 | 6 | |
| | | | vegeta | | | | | | |
| | | | ble- | | | | | | |
| | | | irrigati | | | | | | |
| | | | on- | | | | | | |
| | | | 14ha. | | | | | | |
| Poly mulching in | 01 | 04 | 0.5 | 1 | | 3 | 4 | 0 | |
| Tomato, Brinjal | | | | | | | | 4 | |

Crop Management

| Name of intervention undertaken | | | | | | d | Remarks | | | | |
|--|----|-------------------|---|---|---|-----|---------|-----|-----|--------|--|
| | | SC ST Other Total | | | | Tot | al | | | | |
| | | M | F | M | F | M | F | M | F | T | |
| Paddy – Bina-11 | 08 | 3 | 2 | | | 1 2 | 3 | 1 5 | 5 | 2 0 | |
| Pigeonpea-PRG-176 | 12 | 6 | 3 | | | 1 6 | 5 | 2 2 | 8 | 3 | |
| Paddy - Sahabhagi dhan | 12 | 5 | 4 | | | 1 8 | 3 | 2 3 | 7 | 3 | |
| Rice-Swarnasub-1 | 06 | 2 | 3 | | | 8 | 2 | 1 0 | 5 | 1 5 | |
| Blackgram - PU-31, seed treatment with Rhizobium @ 20gram/kg of seed 01 hour before sowing,Foliar application of NPK (19:19:19) @ 10 gram/lt at 25 & 40 DAS.,Spraying of Thiamethoxam @ 150 gram/ha. for sucking pests | 15 | 4 | 2 | | | 1 7 | 7 | 2 1 | 9 | 3 0 | |
| Greengram – IPM-02-3- seed treatment with Rhizobium @ 20gram/kg of seed 01 hour before sowing ,Foliar application of NPK | 25 | 1 2 | 4 | | | 2 8 | 6 | 4 0 | 1 0 | 5 0 | |

| (19:19:19) @ 10 gram/lt | | | | | | | | | | |
|-------------------------|-----|---|---|--|---|---|---|---|---|--|
| at 25 & 40 | | | | | | | | | | |
| DAS,Spraying of | | | | | | | | | | |
| Thiamethoxam @ 150 | | | | | | | | | | |
| gram/ha. for sucking | | | | | | | | | | |
| pests | | | | | | | | | | |
| Tomato-Chiranjibi | 01 | 1 | 1 | | 3 | 3 | 4 | 4 | 0 | |
| | | | | | | | | | 8 | |
| Sweet corn | 0.4 | | | | 2 | 1 | 2 | 1 | 0 | |
| | | | | | | | | | 3 | |

Livestock and fisheries

| Name of intervention undertaken | Number of animals covered | No of units | Area (ha) | | No of farmers covered / benefitted | | | | | | d | Remarks | |
|---|---------------------------------|-------------|-----------|----|------------------------------------|----|---|--------|---|--------|---|---------|--|
| | | | | SC | , | ST | | Other | | Total | | | |
| | | | | M | F | M | F | M | F | M | F | T | |
| Hybrid napier | | 01 | 0.4 | 1 | | | | 3 | | 4 | | 0 4 | |
| Deworming | 44 animals(G oat) | 01 | | 4 | | | | | | 4 | | 0 4 | |
| Animal health camp | 168 animals(c attle,goat) | 01 | | 7 | | | | 2 7 | | 3 4 | | 3 4 | |
| Cement flooring with mosquito repellent net for better hygienic for cattle | 16 animals | 01 | | 1 | | | | 3 | | 4 | | 0 4 | |
| Agriminforte @ 50gm/day/animal | 40 animals | 01 | | 5 | 2 | | | 1 1 | 2 | 1 6 | 4 | 2 0 | |
| Stocking yearlings of Catla, Rohu and Mrigal @ 5000 nos/ha at a ratio of 3:4:3 with proper water quality management | | 01 | 1.6 | 1 | | | | 3 | | 4 | | 0 4 | |

Institutional interventions

| Name of intervention undertaken | No of units | Area (ha) | No of farmers covered / benefitted | | | | | ered / | Remarks | | | |
|---------------------------------|-------------|--------------|------------------------------------|---|----|---|-----|--------|---------|----|---|--|
| | | | SC | | ST | | Oth | er | Tota | al | | |
| | | | M | F | M | F | M | F | M | F | T | |
| Seed bank | 01 | | 6 | 3 | | | 2 | 5 | 2 | 8 | 3 | |
| Seed bank | | | | | | | 2 | | 8 | | 6 | |
| Custom hiring | 01 | | 1 | 3 | | | 5 | 5 | 6 | 8 | 6 | |
| Custom hiring | | | 0 | | | | 0 | | 0 | | 8 | |

Capacity building

| Thematic area | No of Courses | | | No of beneficiaries | | |
|---------------|---------------|----|----|---------------------|-------|--|
| | | SC | ST | Other | Total | |

| | | M | F | M | F | M | F | M | F | T |
|--------------------------------------|----|----|----|---|---|-----|----|-----|---|-----|
| IPM, Mushroom, Pisciculture, Nursery | 07 | 32 | 12 | | | 104 | 27 | 136 | 3 | 175 |
| raising | | | | | | | | | 9 | |

Extension activities

| Thematic area | No of activities | | No of beneficiaries | | | | | | | |
|-----------------------|------------------|----|---------------------|---|-----|----|----|-------|--------|----|
| | | SC | ST | | Oth | er | | Total | | |
| | | M | F | M | F | M | F | M | F | T |
| Field days | 02 | 8 | 5 | | | 45 | 9 | 53 | 1 4 | 67 |
| Method demonstrations | 03 | 12 | 8 | | | 35 | 10 | 47 | 1 8 | 65 |
| Awareness | 03 | 11 | 7 | | | 35 | 9 | 46 | 1 6 | 62 |
| Group meeting | 11 | 16 | 9 | | | 41 | 24 | 57 | 3 | 90 |

Detailed report should be provided in the circulated Performa

13. Awards/Recognition received by the KVK

| Sl. No. | Name of the Award | Year | Conferring Authority | Amount | Purpose |
|---------|-------------------|------|----------------------|--------|---------|
| | | | | | |
| | | | | | |
| | | | | | |

Award received by Farmers from the KVK district

| Sl. No. | Name of the Award | Name of the Farmer | Year | Conferring Authority | Amount | Purpose |
|---------|-------------------------------|-------------------------|------|----------------------|--------|---------|
| 1 | Best Progressive farmer | Sri Pitabasa Pradhan | 2018 | VC, OUAT | | |
| 2 | Best Progressive farmer | Sri Murali Pradhan | 2018 | VC, OUAT | | |

- 14. Any significant achievement of the KVK with facts and figures as well as quality photograph
- 15. Number of commodity based organizations/ farmers' cooperative society/ FPO formed/ associated with during last one year (Details of the group/society may be indicated)

| S1. | Name of the | Trust Deed | Date of Trust | Proposed | Commodity | No. of | Financia | Success |
|-----|---------------|------------|---------------|----------|------------|--------|----------|-----------|
| No. | organization/ | No.& date | Registration | Activity | Identified | Member | 1 | indicator |
| | Society | | Address | • | | S | position | |
| | | | | | | | (Rupees | |
| | | | | | | | in lakh) | |
| | | | | | | | . , | |

16. Integrated Farming System (IFS)

Details of KVK Demo. Unit

| No. | details (Compone nt-wise) | IFS (ha) | (Commodi ty-wise) | production in Rs. (Componen t-wise) | Rs. (Commodity- wise) | adopted practicing IFS | adoption during the year |
|-----|---|----------|----------------------|--|-----------------------------|------------------------|-----------------------------|
| | Piscicultu re, Mango, Papaya, Mushroo m, Poultry | 1.0 | | t-wisc) | | | |

17. Technologies for Doubling Farmers' Income

| S1. | Name of the | Brief Details of | Net Return to | No. of farmers | One high |
|-----|------------------------|---------------------------------------|------------------|----------------|------------------|
| No. | Technology | Technology (3- 5 bullet | the farmer (Rs.) | adopted the | resolution |
| | | points) | per ha per year | technology in | 'Photo' in 'jpg' |
| | | | due to adoption | the district | format for each |
| | | | of the | | technology |
| | | | technology | | |
| 1 | Crop | -Sweetcorn | 133100 | 14 | |
| | substitution, Goatery, | -Greengram-IPM 02-14 | | | |
| | Poultry | Vaccination goat. | | | |
| | | -Poultry- Pallishree | | | |
| 2 | Vegetable, Goatery | - Weed | 423550 | 24 | |
| | | management | | | |
| | | - INM | | | |
| | | - IPM | | | |
| | | - Vaccination | | | |

18. Report on Digital Farming Initiatives in Agriculture/ Digital Ag. Extension Service

| | Database pre | pared/ covered for | KVK leve | l Committee | Various activity conducted |
|----------------------|--------------|----------------------|------------|-------------|----------------------------|
| Phase | Total no. of | Total no. of farmers | Date of | Name of | for farmers |
| | villages | | formation | members | |
| I (up-to 15.03.2018) | 08 | 406 | 17.02.2018 | 06 | |
| II (up-to 24.04.218) | 21 | 704 | | | |
| Total | 29 | 1110 | | | |

19. Information on Visit of Ministers to KVKs, if any

| Date of Visit | Name of Hon'ble Minister | Name of Ministry | Salient points in his/ her observation |
|---------------|--------------------------|------------------|--|
| | | | (2-3 bulleted points) |
| | | | |

20. a) Information on ASCI Skill Development Training Programme, if undertaken during 2017-18 and 2018-19

| Year | Name of the Job role | Name of the certified Trainer of KVK for the Job role | Date of start of training | Date of completion of training | No. of participants | Whether uploaded to SDMS Portal (Y/N) | Fund utilized for the training (Rs.) |
|---------|----------------------------|---|---------------------------|--------------------------------|---------------------|--|---|
| 2016-17 | | | | | | | |
| 2017-18 | | | | | | | |
| 2018-19 | Small poultry farmer | Dr. Siddharth Ranabijuli | 11.02.19 | 25.03.19 | 16 | Y | 1,65,200 |

| Extens | ion Dr. Santosh | 04.03.19 | 28.03.19 | 20 | Y | 1,65,200 |
|---------|-----------------|----------|----------|----|---|----------|
| Service | e Samantray | | | | | |
| Provid | er | | | | | |

b) Information on Skill Development Training Programme (Other than ASCI or less than 200 hrs., if any) if undertaken during 2018-19

| Thematic area of training | Title of the training | Duration (in hrs.) | No. | of pa | rticip | ants | | | | | | Fund utilized for the training (Rs.) |
|---------------------------|-----------------------|--------------------|-----|-------|--------|------|-----|----|------|----|---|--------------------------------------|
| | | | SC | | ST | | Oth | er | Tota | al | | |
| | | | M | F | M | F | M | F | M | F | T | |
| | | | | | | | | | | | | |

21. Information on NARI Project (if applicable)

| Name of Nodal Officer | No. of OFT on specified aspects | Title(s) of OFT | No. of FLD on specified aspects | No. of capacity development programme on specified aspects | Total no. of farm women/ girls involved in the project | Details of Issues related to gender mainstreaming addressed through the project |
|--------------------------|---------------------------------------|--------------------|---------------------------------------|---|--|---|
| | | | | | | |

22. Information on Krishi Kalyan Abhiyan Phase-I/ Phase-II/ Phase-III, if applicable

Krishi Kalyan Abhiyan- I and II

A. Training

| Name of programme | No. of programmes | | | | No. oj | f farmer | s benefi | tted | | | No. of officials |
|-------------------|-------------------|---|--|---|--------------|----------|----------|------|--|--|------------------|
| | | S | SC | ! | attended the | | | | | | |
| | | M | $egin{array}{ c c c c c c c c c c c c c c c c c c c$ | | | | | | | | programme |
| KKA-I | | | | | | | | | | | |
| KKA-II | | | | | | | | | | | |

B. Distribution of seed/ planting materials/ input/ others

| Name of progra mme | No. of Prog ram me | Tot | tal quantii | ty distril | outed | | | | No. of other officials (except KVK) attended the programme | | | | | | |
|-----------------------------|--------------------------------|----------|------------------------------|------------|-------------------|----|----|---|--|-----|-----|---|-------|---|--|
| | | See | | Inpu | | \$ | SC | | ST | Oth | ers | | Total | | |
| | | d (q) | ng materi al (lakh) | (kg) | r (kg/ No.) | M | F | M | F | M | F | M | F | T | |
| KKA-I | | | | | | | | | | | | | | | |
| KKA- II | | | | | | | | | | | | | | | |

C. Livestock and Fishery related activities

| Name of | No. | | Activities | performe | ed . | | No. of farmers benefited | | | | | | |
|---------|------------|--------|------------|----------|-------|----|--------------------------|--------|-------|-----------|--|--|--|
| program | of Dece | No. of | No. of | Feed/ | Any | SC | ST | Others | Total | officials | | | |
| me | Pro | anima | anima | nutrie | other | | (except | | | | | | |

| | gra mm e | ls vaccin ated | ls dewor med | nt supple ments provid ed (kg) | (Distrib ution of animals / birds/ fingerli ngs) [No.] | M | F | M | F | M | F | M | F | T | KVK) attended the programme |
|--------|----------------|----------------------|--------------------|---|--|---|---|---|---|---|---|---|---|---|-----------------------------------|
| KKA-I | | | | | | | | | | | | | | | |
| KKA-II | | | | | | | | | | · | | | | | |

D. Other activities

| Name | Activities | | | No | . of fari | mers b | enefite | ed . | | | No. of other |
|---------------|------------------------------------|---|------------------|----|-----------|--------|---------|------|------|----|-------------------------------------|
| of | | S | \boldsymbol{C} | S | T | Oth | hers | | Tota | ıl | officials |
| progra mme | | M | F | M | F | M | F | M | F | Т | (except KVK) attended the programme |
| KKA-I | Soil Health Card Distributed | | | | | | | | | | |
| | NADEP Pit established | | | | | | | | | | |
| | Farm implements distributed | | | | | | | | | | |
| | Others, if any | | | | | | | | | | |
| KKA-II | Soil Health Card Distributed | | | | | | | | | | |
| | NADEP Pit established | | | | | | | | | | |
| | Farm implements distributed | | | | | | | | | | |
| | Others, if any | | | | | | | | | | |

Krishi Kalyan Abhiyan- III

| No. of villages | No. of animal inseminated | | | No. | Any other, if any (pl. specify) | | | | | | |
|-----------------|---------------------------|----|---------------|-----|---------------------------------|-------|----|-------|---|--|--|
| covered | | SC | | ST | | Other | rs | Total | ! | | |
| | | M | M F M F M F T | | | | | | | | |
| | | | | | | | | | | | |

23. Any other programme organized by KVK, not covered above

| | Sl. No. | Name of the programme | Date of the programme | Venue | Purpose | No. of participants |
|---|------------|-----------------------|-----------------------|-------|---------|---------------------|
| Ī | | | | | | |

24. Good quality action photographs of overall achievements of KVK during the year (best 10)