



ANNUAL PROGRESS REPORT

Krishi Vigyan Kendra, Puri

(April 2009 to March 2010)

**Orissa University of Agriculture and Technology
Bhubaneswar -3**

FORMAT 1- GENERAL, OFT & FLDS

REPORTING PERIOD – 1st April, 2009 to 31st March, 2010

Summary of achievements during the reporting period

| KVK Name | Activity | Target | | Achievement | |
|----------|---|--------------------|----------------------------------|--------------------|----------------------------------|
| | | Number of activity | Number of farmers/ beneficiaries | Number of activity | Number of farmers/ beneficiaries |
| Puri | OFTs | 14 | 70 | 14 | 70 |
| Puri | FLDs – Oilseeds (activity in ha) | 5 | 15 | 5 | 15 |
| Puri | FLDs – Pulses (activity in ha) | 5 | 12 | 5 | 12 |
| Puri | FLDs – Cotton (activity in ha) | - | - | - | - |
| Puri | FLDs – Other than Oilseed and pulse crops(activity in ha) | 23 | 188 | 23 | 188 |
| Puri | FLDs – Other than Crops (activity in no. of Unit/Enterprise) | - | - | - | - |
| Puri | Training-Farmers and farm women | 63 | 1473 | 63 | 1473 |
| Puri | Training-Rural youths | 12 | 280 | 12 | 280 |
| Puri | Training- Extension functionaries | 10 | 247 | 10 | 247 |
| Puri | Extension Activities | 288 | 3500 | 543 | 4009 |
| Puri | Seed Production (Number of activity as seeds in quintal) | - | - | - | - |
| Puri | Planting material ((Number of activity as quantity of planting material in quintal) | - | - | - | - |
| Puri | Seedling Production (Number of activity as number of seedlings in numbers) | 2500 | - | 2502 | - |
| Puri | Sapling Production (Number of activity as number of sapling in numbers) | 1000 | - | - | - |
| Puri | Other Bio- products | 1 | 2500 | 1 | 2500 |
| Puri | Live stock products | 1 | 100 | - | - |
| Puri | SAC Meeting (Date & no. of core/official members | 1 | - | 1 | 11.1.10 |
| Puri | Newsletters (no.) | - | - | 1 | - |
| Puri | Publication (Research papers, popular article) | | | | |
| Puri | Convergence programmes / Sponsored programmes | - | - | 2 | 70 |
| Puri | Outreach of KVK in the District (No. of blocks, no. of villages) | 5 | 35 | 5 | 35 |

1. GENERAL INFORMATION

1.1. DISTRICT PROFILE (detail of geographical area, cultivation, Land, resources, opportunities, irrigation, populations etc.)–

1.2. DETAILS OF ADOPTED VILLAGE during the reporting period (Approved by competent Authority in meetings/workshops)

| KVK Name | Village Name | Year of adoption | Block Name | Distance from KVK | Population | Number of farmers (having land in the village) |
|----------|--------------|------------------|------------|-------------------|------------|--|
| Puri | Khirikhia | 2008 | Nimapara | 40 km | 252 | 50 |
| Puri | Silari | 2008 | Astarang | 12 km | 132 | 22 |
| Puri | Sarbapada | 2008 | Nimapara | 22 km | 324 | 45 |
| Puri | Sama | 2008 | Gop | 16 km | 750 | 88 |
| Puri | Naranpur | 2009 | Kakatpur | 12 km | 624 | 94 |
| Puri | Dumukipur | 2009 | Pipili | 60 km | 300 | 30 |
| Puri | Baramanasahi | 2009 | Satyabadi | 65 km | 475 | 130 |

1.3. THRUST AREAS identified by KVK (Approved by competent Authority in meetings/workshop)

| KVK Name | THRUST AREA |
|----------|--|
| Puri | <ol style="list-style-type: none"> 1. High yielding & Hybrid rice varieties for medium and low land situation. 2. Cultivation of high yielding varieties of groundnut. 3. Cultivation of high yielding varieties of black gram and green gram. 4. Commercial cultivation of coconut, banana, papaya, betel vine and vegetables. 5. Mushroom cultivation. 6. Integrated pest and disease management. 7. Integrated fish farming and fish health management. 8. Artificial insemination of cows. 9. Health management of dairy animals and small ruminants. 10. Profitable poultry and duckery. 11. Profitable dairy and goatery. 12. Commercial floriculture. 13. Organic farming. 14. Farm mechanization for timely operation and save high Labour cost. 15. Value addition to fruits, vegetables, milk and low cost marine fish and prawn. |

1.4. PROBLEM IDENTIFIED by KVK (Approved by competent Authority in meetings/workshop)

| KVK Name | Problem identified | Methods of problem identification |
|----------|--|---|
| Puri | Low yield due to old variety of Paddy | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
| Puri | Severe weed causes crop loss in Paddy | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
| Puri | Low yield of Swarna var. due to high disease incidence | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
| Puri | Low yield in Paddy due to imbalance nutrient application. | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
| Puri | Existing rice varieties do not fetch better return | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
| Puri | Low yield of G.nut due to improper mgt. practices | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
| Puri | Low yield of pulse due to improper mgt. practices | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
| Puri | Low quality composting technology | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
| Puri | Poor soil health | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
| Puri | Low yield in Brinjal due to Disease attack | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
| Puri | Low yield in Pointed gourd due to use of local variety | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
| Puri | Low yield in chilli due to use of local var. | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
| Puri | Low yield in cauliflower due to deficiency of boron | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
| Puri | Low yield in cauliflower due to attack of sucking pests | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
| Puri | Low yield in potato due to improper management | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
| Puri | Low yield in teasle gourd due to use of local var. | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
| Puri | Low yield in banana (patkapura) due to improper management practices | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
| Puri | Low yield in papaya due to improper management practices | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
| Puri | Low yield & profit due to high incidence of pest & diseases in betelvine | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
| Puri | Low yield in cucumber due to infestation of fruit fly | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
| Puri | Low yield in colocasia due to traditional management practices | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
| Puri | Malnutrition of family members | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
| Puri | Poor knowledge on safe storage of food grains | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
| Puri | Drudgery in weeding in chilli | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
| Puri | Under utilisation of paddy straw and low income of the farm family. | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
| Puri | Poor feeding of cows | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
| Puri | Low return from local poultry birds | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |

| | | |
|------|---|---|
| Puri | Low yield from backyard ponds | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
| Puri | Low income from single enterprise | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
| Puri | Low income of the farm family | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
| Puri | Wastage due to lack of storage facility, unemployment and low income of school drop out girls | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
| Puri | Group conflict, low motivation, lack of entrepreneurship & poor access to information | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
| Puri | Rural youth under employed | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
| Puri | Labour unavailability and high Labour cost delay the farming operations | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
| Puri | Malnutrition of family members | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
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| Puri | Rural youth under employed | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
| Puri | Labour unavailability and high Labour cost delay the farming operations | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
| Puri | Low yield of banana var.Patakapura due to traditional management practices | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |
| Puri | Low return from banana cultivation due to local var. Champa | PRA, Farmers field visit, group discussion with farmers, Discussion with government officials |

2. OFT (conducted during Rabi 2009-10)

2.1 Basic information of the Technology taken by the KVK

| KVK Name | Year | Season | Category of technology (Assessment/Refinement) | OFT on crop/Enterprise | Title of OFT | OFT ID* (to be created by the KVK) | Name of Crop/Enterprise | No of trials | | Area (ha) | | Status of the OFT (Completed/Continued/Result awaited) |
|----------|-------|--------|--|------------------------|--|------------------------------------|-------------------------|--------------|----------|-----------|----------|--|
| | | | | | | | | Targeted | Achieved | Targeted | Achieved | |
| Puri | 2008 | Rabi | Assessment | Crop | Assessment of tissue culture banana Robusta | Puri0809R021 | Banana | 05 | 05 | 0.2 | 0.2 | Completed |
| Puri | 2009 | Kharif | Assessment | Crop | Assessment of scented rice var. Nua-Dhusara | Puri0910K011 | Rice | 05 | 04 | 0.2 | 0.2 | Completed |
| Puri | 2009 | Rabi | Assessment | Crop | Assessment of hybrid rice var. Ajaya | Puri0910R012 | Rice | 05 | 03 | 0.2 | 0.2 | Continued |
| Puri | 09-10 | Rabi | Assessment | Crop | Assessment of Boran application in cauli-flower | Puri0910R021 | Cauli-flower | 10 | 04 | 0.4 | 0.4 | Completed |
| Puri | 09-10 | Rabi | Assessment | Crop | Assessment of Chilli var. Neelachal Agni | Puri0910R022 | Chilli | 10 | 04 | 0.2 | 0.062 | Continued |
| Puri | 2009 | Rabi | Assessment | Crop | Assessment of Sulfex in management of mite in marigold | Puri0910R031 | Marigold | 05 | 05 | 0.4 | 0.4 | Completed |
| Puri | 2009 | Rabi | Assessment | Crop | Assessment of multi-neem in management of BPH in rice | Puri0910R032 | Rice | 05 | 05 | 2.0 | 2.0 | Continued |
| Puri | 09-10 | Rabi | Assessment | Enterprise | Assessment of performance of wheel finger weeder in Okra | Puri0910R041 | Wheel finger weeder | 05 | 05 | - | - | Continued |

| KVK Name | Year | Season | Category of technology (Assessment/Refinement) | OFT on crop/Enterprise | Title of OFT | OFT ID* (to be created by the KVK) | Name of Crop/Enterprise | No of trials | | Area (ha) | | Status of the OFT (Completed/Continued/Result awaited) |
|----------|-------|--------|--|------------------------|--|------------------------------------|-------------------------|--------------|----------|-----------|----------|--|
| | | | | | | | | Targeted | Achieved | Targeted | Achieved | |
| Puri | 09-10 | Rabi | Assessment | Enterprise | Assessment of performance of Ground-nut stripper | Puri0910R042 | Ground-nut stripper | 05 | 05 | - | - | Completed |
| Puri | 09-10 | Rabi | Assessment | Enterprise | Assessment of vitamin & mineral mixture on milk production of cows | Puri0910R051 | Dairy | 10 | 10 | - | - | Continued |
| Puri | 09-10 | Rabi | Assessment | Enterprise | Assessment of Azola as animal feed | Puri0910R052 | Dairy | 05 | 05 | - | - | Continued |
| Puri | 09-10 | Rabi | Assessment | Enterprise | Assessment of value addition of low cost marine fish through WSHG | Puri0910R053 | Fish | 05 | 05 | - | - | Continued |
| Puri | 09-10 | Kharif | Assessment | Crop | Assessment of hexaconazole for management of sheath blight in rice | Puri0910K033 | Rice | 05 | 05 | 1.6 | 1.6 | Completed |
| Puri | 08-09 | Rabi | Assessment | Crop | Assessment of INM in rice | Puri0809R011 | Rice | 05 | 05 | 0.8 | 0.8 | Completed |

* **KVK+Year+Season+Discipline & Code**

*Agronomy-01, Horticulture-02, Plant Protection-03, Ag.Engg-04, Home.Sc.-05, Fishery-06

2.2 Details of Problems taken as OFT by the KVK

| KVK name | OFT ID | Problem diagnose | Thematic area | Farmers' practice (T ₁) | Farming situation | | | | Total Area of the district (in ha) affected by the problem | Name of the block(s) under KVK where the problem occurs |
|----------|--------------|--|----------------------------|---|-------------------|------------|--|------------------------|---|--|
| | | | | | Soil type | Irrigation | Type of Cultivation (Low land/ Mid land/ Up land | Cropping system | | |
| Puri | Puri0809R021 | Low yield of Banana due to use of local Champa | Cultivation of fruits | local var.Champa | Sandy loam | Canal | Upland | Vegetable-Fruits | 650 | Nimapara, Gop, Kakatpur, Astarang |
| Puri | Puri0910K011 | Existing rice varieties do not fetch better return | Integrated crop management | CR-1014 | Alluvial | Canal | Low-land | Rice-pulse | 8000 | Nimapara, Gop |
| Puri | Puri0910R012 | Low yield due to cultivation of old variety | Integrated crop management | Lalat | Alluvial | Canal | Medium-land | Rice-Rice | 26000 | PuriSadar, Brahmagiri, k.prasad, Satyabadi, Pipili, Delanga Nimapada, Kakatpur, Astaranga, Gop, Kanasa |
| Puri | Puri0910R021 | Low Quality and less profit due to deficiency of Boron | Vegetable production | 80-20-40 kg NPK /ha without Boron application | Sandy loam | Lift | Medium land | Rice-vegetable | 1650 | Pipili, Nimapara, Delanga |
| Puri | Puri0910R022 | Low yield due to cultivation of old variety | Vegetable production | Old variety Machhagaon Lanka | | Lift | Upland | Rice-Vegetable | 198 | Astaranga, Kakatpur, Nimapara |
| Puri | Puri0910R031 | Low flower yield due to high incidence of mite | IPM | Application of Sevin | Sandy loam | Lift | Upland | Vegetable-floriculture | 56 | Pipili, Nimapara, Sakhigopal, Gop, Puri,Sadar |
| Puri | Puri0910R032 | Low yield of rice due to high incidence of BPH | IPM | Monocrotophos spray@0.02% | Alluvial | Canal | Medium land | Rice-Rice | 23600 | Puri, Sadar, Pipili, Delanga, Nimapara, Astaranga, Kakatpur, Gop, Brahmagiri, Satyabadi |

| KVK name | OFT ID | Problem diagnose | Thematic area | Farmers' practice (T ₁) | Farming situation | | | | Total Area of the district (in ha) affected by the problem | Name of the block(s) under KVK where the problem occurs |
|----------|--------------|--|-----------------------|---|-------------------|------------|--|-----------------|---|--|
| | | | | | Soil type | Irrigation | Type of Cultivation (Low land/ Mid land/ Up land | Cropping system | | |
| Puri | Puri0910R041 | Drudgery of farm women during weeding | Drudgery reduction | Manual weeding | Alluvial | Lift | Medium land | Rice-vegetable | - | Kakatpur, Nimapara, Astaranga, Gop |
| Puri | Puri0910R042 | Manual plucking tedious, Labour & time consuming | Drudgery reduction | Manual plucking | Sandy loam | Lift | Medium land | Rice-Groundnut | - | Kakatpur, Nimapara, Gop |
| Puri | Puri0910R051 | Poor feeding results in low milk production in milch cows | Dairy feed management | No feeding of vitamin & mineral mixture | - | - | - | - | - | Kakatpur, Nimapara |
| Puri | Puri0910R052 | Poor health status for specially lack in protein | Dairy feed management | Usual feeding | - | - | - | - | - | Kakatpur |
| Puri | Puri0910R053 | Wastage of due to lack of storage facility, unemployment & low income of school drop out girls | Value addition | No value addition | - | - | - | - | - | Astarang |
| Puri | Puri0910K033 | Low yield of rice due to high incidence of sheath blight | IPM | Carbendazim spray | Alluvial | Lift | Medium land | Rice-Rice | 25,200 | Puri, Sadar, Pipili, Delanga, Nimapara, Astaranga, Kakatpur, Gop, Brahmagiri, Satyabadi, Kanas |

| KVK name | OFT ID | Problem diagnose | Thematic area | Farmers' practice (T ₁) | Farming situation | | | | Total Area of the district (in ha) affected by the problem | Name of the block(s) under KVK where the problem occurs |
|----------|--------------|---|---------------|-------------------------------------|-------------------|------------|--|-----------------|---|--|
| | | | | | Soil type | Irrigation | Type of Cultivation (Low land/ Mid land/ Up land | Cropping system | | |
| Puri | Puri0809R011 | Low yield of rice due to improper nutrient management | INM | 80-40-40 kg NPK/ha | Alluvial | Lift | Medium land | Rice-Rice | 28,000 | Puri, Sadar, Pipili, Delanga, Nimapara, Astaranga, Kakatpur, Gop, Brahmagiri, Satyabadi, Kanas |

2.3 Details of solution taken for technology assessment/refinement by the KVK

| KVK Name | OFT ID No | Details of technology selected (T ₂) | Source of technology | Year of release of technology | If refinement in the technology, give details of refinement over recommended practices (T ₃) |
|----------|--------------|--|----------------------|-------------------------------|--|
| Puri | Puri0809R021 | Introduction of Tissue culture banana var.Roubust | RPRC, BBSR | 2002 | - |
| Puri | Puri0910K011 | Scented rice var. Nua Dhusara | CRRI, Cuttack | 2008 | - |
| Puri | Puri0910R012 | Hybrid Rice var. Ajay | CRRI, Cuttak | 2006 | - |
| Puri | Puri0910R021 | Recommended NPK 125:50:50-75 Kg/ha along with boron @ 25kg /ha | OUAT,BBSR | 2000 | - |
| Puri | Puri0910R022 | HYV Nilachal Agni with NPK @ 110:70:75 Kg/ha, FYM 20-25 ton/ha | CHES, BBSR | 2008 | - |
| Puri | Puri0910R031 | Application of sulfex @0.04% | OUAT, BBSR | 1998 | - |
| Puri | Puri0910R032 | Application of Multineem @ 0.05% | OUAT, BBSR | 2006 | - |
| Puri | Puri0910R041 | Wheel finger weeder | OUAT,BBSR | - | - |
| Puri | Puri0910R042 | Groundnut stripper | TNAU,Coimbatore | - | - |
| Puri | Puri0910R051 | Feeding of vitamin & mineral mixture @ 30gm/cow/day for 3 months | OUAT, BBSR | - | - |
| Puri | Puri0910R052 | Feeding of Azola as additional feed to cattle | OUAT, BBSR | 2008 | - |
| Puri | Puri0910R053 | Preparation of value added fish products like fish cutlet & fish pickle | OUAT, BBSR | 2004 | - |
| Puri | Puri0910K033 | Summer ploughing, seed treatment with Bavistin @2gm/kg of seed, FYM 10 t/ha, Hexaconazole @ 1.25ml/ltr. of water | OUAT, BBSR | 2005 | - |
| Puri | Puri0809R011 | Balanced soil test based fertilizer (100-40-60) kg NPK/ha + Azospirillum 10 kg/ha + PSM 5 kg/ha | OUAT, BBSR | - | - |

2.4 Performance of the technology for assessment/refinement

A. Production

| KVK Name | OFT ID | Main Products | | | | | Bye-Product | | | |
|----------|--------------|-------------------------------|---|--|--|---------------------|-------------------------------------|--|--|----|
| | | Unit of measurement | Farmer's Practice (T ₁) | Recommended Practice (T ₂) | Refined Practice, if any (T ₃) | Unit of measurement | Farmer's Practice (T ₁) | Recommended Practice (T ₂) | Refined Practice, if any (T ₃) | |
| Puri | Puri0809R021 | No of bunches/ha | 2200 | 2500 | - | - | - | - | - | - |
| Puri | Puri0910K011 | q/ha | 34 q/ha | 34.6q/ha | - | q/ha | 38.2q/ha | 39.0q/ha | - | - |
| Puri | Puri0910R012 | Continuing | - | - | - | - | - | - | - | - |
| Puri | Puri0910R021 | q/ha | 275.4 q/ha | 330.5 q/ha | - | q/ha | 286.59 q/ha | 348.20 q/ha | - | - |
| Puri | Puri0910R022 | q/ha | Continuing | - | - | - | - | - | - | - |
| Puri | Puri0910R031 | q/ha | 62.5 | 95 | - | q/ha | 87.5 | 122 | - | - |
| Puri | Puri0910R032 | q/ha | Continuing | - | - | - | - | - | - | -- |
| Puri | Puri0910R041 | - | Manual weeding | Weeding through wheel finger weeder | - | - | - | - | - | - |
| Puri | Puri0910R041 | Lit/cow | No feeding of vitamin & mineral mixture | Feeding of vitamin & mineral mixture @ 30gm/cow/day for 3 months | - | - | - | - | - | - |
| Puri | Puri0910R052 | Milk yield | Usual feeding | Feeding of Azola as additional feed | - | - | - | - | - | - |
| Puri | Puri0910R053 | Shelf life, Income generation | No value addition | Preparation of value added fish products | - | - | - | - | - | - |
| Puri | Puri0910K033 | q/ha | 37.6 | 42.7 | - | q/ha | 41.2 | 46.2 | - | - |
| Puri | Puri0809R011 | q/ha | 44.7 | 55.4 | - | q/ha | 48.2 | 59.1 | - | - |

B. Parameters

| KVK Name | OFT ID | Observations taken on parameter 1 | | | | | Observations taken on parameter 11 | | | | |
|----------|--------------|-----------------------------------|-----------------------|-------------------------------------|--|--|------------------------------------|---------------------|-------------------------------------|--|--|
| | | Parameter name | Unit of measurement | Farmer's Practice (T ₁) | Recommended Practice (T ₂) | Refined Practice, if any (T ₃) | Parameter name | Unit of measurement | Farmer's Practice (T ₁) | Recommended Practice (T ₂) | Refined Practice, if any (T ₃) |
| Puri | Puri0809R021 | No of crop stand | Nos/100m ² | 22 | 25 | - | No of fingers/bunch | - | 90 | 110 | - |
| Puri | Puri0910K011 | Crop stand | No/m ² | 45 | 50 | - | No of grains/panicles | No/panicle | 160 | 165 | - |
| Puri | Puri0910R012 | Continuing | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | | |
|------|--------------|------------------------------------|-------------------|--------------------|------------------|---|-----------------------------------|---------------|---------|----------|---|
| Puri | Puri0910R021 | No of infected curd/m ² | No/m ² | 2-3/m ² | 0/m ² | - | Individual Curd wt | Kg/curd | 0.7-0.9 | 1.1-1.25 | |
| Puri | Puri0910R022 | No/plant | Continuing | - | - | - | - | - | - | - | - |
| Puri | Puri0910R031 | No. of disease plant | No/m ² | 5-6 | 0 | - | Yield/plant | Kg/plant | .11 | .17 | - |
| Puri | Puri0910R032 | Continuing | | | | | | | | | |
| Puri | Puri0910R041 | Weeding capacity | Sqm area/hr | 62 | 123 | - | Pulse rate before & after weeding | Beats/minutes | 73.85 | 73.97 | - |
| Puri | Puri0910R042 | Plucking capacity | Kg/hr/worker | 5.8-6.35 | 10.2-11.5 | - | - | - | - | - | - |
| Puri | Puri0910R051 | Milk yield | Lit/cow | Continuing | - | - | - | - | - | - | - |
| Puri | Puri0910R052 | Health status & Milk yield | Lit/cow | Continuing | - | - | - | - | - | - | - |
| Puri | Puri0910R053 | Shelf life, income generation | Net profit | Continuing | - | - | - | - | - | - | - |
| Puri | Puri0910K033 | Crop stand | No/m ² | 54 | 63 | - | Disease incidence | % | 12.3 | 3.4 | - |
| Puri | Puri0809R011 | Crop stand | No/m ² | 54 | 62 | - | No of grains/panicle | No /panicle | 126 | 142 | - |

C. Economic Performance

| KVK name | OFT ID | Average Cost of cultivation (Rs/ha) | | | Average Gross Return (Rs/ha) | | | Average Net Return (Rs/ha) | | | Benefit-Cost Ratio (Gross Return / Gross Cost) | | |
|----------|--------------|-------------------------------------|--|--|-------------------------------------|--|--|-------------------------------------|--|--|--|--|--|
| | | Farmer's Practice (T ₁) | Recommended Practice (T ₂) | Refined Practice, if any (T ₃) | Farmer's Practice (T ₁) | Recommended Practice (T ₂) | Refined Practice, if any (T ₃) | Farmer's Practice (T ₁) | Recommended Practice (T ₂) | Refined Practice, if any (T ₃) | Farmer's Practice (T ₁) | Recommended Practice (T ₂) | Refined Practice, if any (T ₃) |
| Puri | Puri0809R021 | 96500 | 103700 | - | 176000 | 250000 | - | 79500 | 146000 | - | 1.8:1 | 2.4:1 | - |
| Puri | Puri0910K011 | 25500 | 24975 | - | 40800 | 44955 | - | 15300 | 19980 | - | 1.6:1 | 1.8:1 | - |
| Puri | Puri0910R012 | Continuing | - | - | - | - | - | - | - | - | - | - | - |
| Puri | Puri0910R021 | 42500 | 41900 | - | 137700 | 165250 | - | 95200 | 123350 | - | 3.2:1 | 3.9:1 | - |
| Puri | Puri0910R022 | Continuing | - | - | - | - | - | - | - | - | - | - | - |
| Puri | Puri0910R031 | 41,300 | 48,500 | - | 75,000 | 1,42,500 | - | 33,700 | 94,000 | - | 1.8:1 | 2.9:1 | - |
| Puri | Puri0910R032 | Continuing | - | - | - | - | - | - | - | - | - | - | - |
| Puri | Puri0910R041 | 19952 | 18870 | - | 74856 | 74856 | - | 54904 | 55986 | - | 3.7:1 | 3.9:1 | - |
| Puri | Puri0910R042 | 19825 | 17820 | - | 43758 | 43758 | - | 23933 | 25938 | - | 2.2:1 | 2.5:1 | - |
| Puri | Puri0910R051 | Continuing | - | - | - | - | - | - | - | - | - | - | - |
| Puri | Puri0910R052 | Continuing | - | - | - | - | - | - | - | - | - | - | - |
| Puri | Puri0910R053 | Continuing | - | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | | | | |
|------|--------------|--------|--------|---|--------|--------|---|--------|--------|---|-------|-------|---|
| Puri | Puri0910K033 | 21,510 | 23,560 | - | 36,848 | 41,846 | - | 15,338 | 18,286 | - | 1.7:1 | 1.8:1 | - |
| Puri | Puri0809R011 | 22607 | 23921 | - | 40230 | 49860 | - | 17623 | 25939 | - | 1.8:1 | 2.8:1 | - |

2.5 Recommendations/message form assessed/refined technology

| KVK Name | OFT ID No | Final recommendation for micro level situation | Constraints identified and feedback for research | Process of farmers participation and their reaction | Farmers feed back | Process for sensitization of the line departments for replacement of the technology | | | |
|----------|--------------|--|--|---|---|---|-----------|--------|--------------|
| | | | | | | Workshop/ meetings | Trainings | Visits | Publications |
| Puri | Puri0809R021 | TC Banana var.Roubusta is very much suitable for export purpose due to its high yield potential | | Meeting, training, farmers visit | variety is suitable for export purpose but not for local market because of its non utilization in worship | 01 | 01 | 02 | 01 |
| Puri | Puri0910K011 | Variety having superficial grain quality has a high market value & can be cultivated in low lying conditions | - | Meeting, training, farmers visit | The technology is working well & needs popularization | 01 | 01 | 02 | 01 |
| Puri | Puri0910R012 | Continuing | - | - | - | - | - | - | - |
| Puri | Puri0910R021 | The technology can be adopted to reduce brown rot & improved quality & yield of crop | - | Farmers meeting, training & farmers visit | Application of boron reduce the brown root incidence in cauliflower & increased yield & quality | 2 | 1 | 1 | 1 |
| Puri | Puri0910R022 | Continuing | - | - | - | - | - | - | - |
| Puri | Puri0910R031 | The technology can be adopted to reduce mite infection | - | Meeting, training, farmers visit | Application of sulfex reduces mite attack in Marigold & increases flower yield | 1 | 1 | 2 | 1 |
| Puri | Puri0910R032 | Continuing | | | | | | | |
| Puri | Puri0910R041 | Wheel finger weeder can be used for weeding in row vegetables | Nil | Meeting, training, farmers visit | The technology is working well | 01 | 01 | 02 | - |
| Puri | Puri0910R042 | Groundnut stripper reduced drudgery, save time & labour | - | Meeting, training, farmers visit | Easier to stripe groundnut at the stage of 20-30% moisture condition (Half dried) | 01 | 01 | 02 | - |
| Puri | Puri0910R051 | Continuing | - | - | - | - | - | - | - |
| Puri | Puri0910R052 | Continuing | - | - | - | - | - | - | - |

| KVK Name | OFT ID No | Final recommendation for micro level situation | Constraints identified and feedback for research | Process of farmers participation and their reaction | Farmers feed back | Process for sensitization of the line departments for replacement of the technology | | | |
|----------|--------------|---|--|---|---|---|-----------|--------|--------------|
| | | | | | | Workshop/ meetings | Trainings | Visits | Publications |
| Puri | uri0910R053 | Continuing | - | - | - | - | - | - | - |
| Puri | Puri0910K033 | The technology is working satisfactorily and can be recommended for use in medium land rice for management of sheath blight in rice | - | Meeting, training, farmers visit | Application of hexaconazole effectively control sheath blight below ETL level | 01 | 01 | 03 | - |
| Puri | Puri0809R011 | INM should be practised for maintaining soil fertility and increasing productivity | - | Meeting, training, farmers visit | The technology is working well but the bio fertilizer should be available in the locality | 02 | 03 | 5 | 1 |

2.6 Farmer-wise performance of the technology for assessment/refinement

| KVK Name | OFT ID No | Farmers' name | Main Product (kg/ha) | | | By-Product (kg/ha) | | | Observations on Other Parameter | | | | Observations on Other Parameter | | | | | |
|----------|--------------|--------------------|-------------------------|-------------------------|----------------|--------------------|----------------|----------------|---------------------------------|----------------------|----------------|----------------|---------------------------------|----------------|-----------------|----------------|----------------|----------------|
| | | | T ₁ | T ₂ | T ₃ | T ₁ | T ₂ | T ₃ | Parameter name | Unit | T ₁ | T ₂ | T ₃ | Parameter name | Unit | T ₁ | T ₂ | T ₃ |
| Puri | Puri0809R021 | Trilochan Sahoo, | 2100 (No of bunches/ha) | 2400 (No of bunches/ha) | | - | - | | No. of crop stand | No/100m ² | 21 | 24 | | No. of fingers | No/bunch | 85 | 115 | |
| Puri | Puri0809R021 | Jatadhari Naik | 2300 (No of bunches/ha) | 2500 (No of bunches/ha) | | - | - | | No. of crop stand | No/100m ² | 23 | 25 | | No. of fingers | No/bunch | 95 | 100 | |
| Puri | Puri0809R021 | Laxmidhar Sahoo | 2200 (No of bunches/ha) | 2600 (No of bunches/ha) | | - | - | | No. of crop stand | No/100m ² | 22 | 26 | | No. of fingers | No/bunch | 90 | 120 | |
| Puri | Puri0809R021 | Adaita Sahoo | 2150 (No of bunches/ha) | 2450 (No of bunches/ha) | | - | - | | No. of crop stand | No/100m ² | 21 | 24 | | No. of fingers | No/bunch | 80 | 105 | |
| Puri | Puri0809R021 | Hrushikesh Sahoo | 2250 (No of bunches/ha) | 2550 (No of bunches/ha) | | - | - | | No. of crop stand | No/100m ² | 23 | 26 | | No. of fingers | No/bunch | 100 | 110 | |
| Puri | Puri0910R011 | Purna Chandra Jena | 34.8 | 35.7 | | 38.7 | 39.4 | | Crop stand | No/m ² | 48 | 54 | | No of grains | No of pinnacles | 164 | 169 | |
| Puri | Puri0910R011 | Dusasan Khatoi | 33.9 | 34.4 | | 38.1 | 39.0 | | - | - | 46 | 51 | - | - | - | 162 | 166 | |
| Puri | Puri0910R011 | Debraj swain | 34.3 | 34.6 | | 38.5 | 39.3 | | - | - | 46 | 52 | - | - | - | 160 | 166 | |

| KVK Name | OFT ID No | Farmers' name | Main Product (kg/ha) | | | By-Product (kg/ha) | | | Observations on Other Parameter | | | | | Observations on Other Parameter | | | | | |
|----------|--------------|-----------------------|----------------------|----------------|----------------|--------------------|----------------|----------------|---------------------------------|-------------------|----------------|----------------|----------------|---------------------------------|----------|----------------|----------------|----------------|---|
| | | | T ₁ | T ₂ | T ₃ | T ₁ | T ₂ | T ₃ | Parameter name | Unit | T ₁ | T ₂ | T ₃ | Parameter name | Unit | T ₁ | T ₂ | T ₃ | |
| Puri | Puri0910R011 | Duryodhan khatoi | 33.3 | 33.7 | | 37.7 | 38.5 | | - | - | 42 | 45 | - | - | - | 155 | 158 | | |
| Puri | Puri0910R012 | Bharat Ch. Pradhan | Continuing | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Puri | Puri0910R012 | Pratap ch. Swain | Continuing | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Puri | Puri0910R012 | Sarat ch. Pradhan | Continuing | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Puri | Puri0910R012 | | | | | | | | | | | | | | | | | | |
| Puri | Puri0910R021 | Kalu ch. No Parida | 27000 | 36300 | - | 28302 | 39325 | - | No of infected curd | No | 1 | 0 | - | Curd wt | Kg | 0.9 kg | 1.21 kg | - | |
| Puri | Puri0910R021 | Basudev menta | 22500 | 35050 | - | 23418 | 36480 | - | No of infected curd | No | 2 | 0 | - | Curd wt | Kg | 0.85 kg | 1.16 kg | - | |
| Puri | Puri0910R021 | Banamali Pradhan | 25500 | 36200 | - | 26540 | 37677 | - | No of infected curd | No | 1 | 0 | - | Curd wt | Kg | 0.75 kg | 1.2 kg | - | |
| Puri | Puri0910R021 | Hadubandhu sahoo | 24000 | 35650 | - | 24970 | 37105 | - | No of infected curd | No | 1 | 0 | - | Curd wt | Kg | 0.8 kg | 1.18 kg | - | |
| Puri | Puri0910R022 | Bharat ch Behera | Continuing | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Puri | Puri0910R022 | Sanatan Behera | Continuing | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Puri | Puri0910R022 | Arjun Behera | Continuing | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Puri | Puri0910R022 | Krushna ch. Khatoi | Continuing | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Puri | Puri0910R031 | Brundaban Mohapatra | 57.6 | 87.4 | - | 86.3 | 115.4 | - | No.of disease plant | No/m ² | 4 | 0 | | Yield /Plant | Kg/Plant | .14 | .18 | - | |
| Puri | Puri0910R031 | Aparti Mohapatra | 67.3 | 98.3 | - | 91.8 | 109.8 | - | | | 5 | 0 | | | | | .08 | .16 | - |
| Puri | Puri0910R031 | Banamali Pradhan | 59.2 | 95.7 | - | 85.5 | 99.7 | - | | | 6 | 0 | | | | | .09 | .19 | - |
| Puri | Puri0910R031 | Pradeep Kumar Mallick | 62.5 | 89.8 | - | 90.7 | 120.6 | - | | | 5 | 0 | | | | | .12 | .17 | - |
| Puri | Puri0910R031 | Bharat Biswal | 65.9 | 103.8 | - | 83.2 | 114.5 | - | | | 6 | 0 | | | | | .12 | .15 | - |

| KVK Name | OFT ID No | Farmers' name | Main Product (kg/ha) | | | By-Product (kg/ha) | | | Observations on Other Parameter | | | | | Observations on Other Parameter | | | | |
|----------|--------------|--------------------|----------------------|----------------|----------------|--------------------|----------------|----------------|---------------------------------|-------------|----------------|----------------|----------------|---------------------------------|----------|----------------|----------------|----------------|
| | | | T ₁ | T ₂ | T ₃ | T ₁ | T ₂ | T ₃ | Parameter name | Unit | T ₁ | T ₂ | T ₃ | Parameter name | Unit | T ₁ | T ₂ | T ₃ |
| Puri | Puri0910R032 | Santosh Sasmal | Continuing | | | | | | | | | | | | | | | |
| Puri | Puri0910R032 | Alok Sasmal | Continuing | | | | | | | | | | | | | | | |
| Puri | Puri0910R032 | Manmohan Nayak | Continuing | | | | | | | | | | | | | | | |
| Puri | Puri0910R032 | Kabindra Nayak | Continuing | | | | | | | | | | | | | | | |
| Puri | Puri0910R032 | Birendra Nayak | Continuing | | | | | | | | | | | | | | | |
| Puri | Puri0910R041 | Laxmipriya Kahala | | | | | | | Weeding capacity | Sqm area/hr | 61.5 | 118 | | Pulse rate | Beat/min | 85 | 94 | |
| Puri | Puri0910R041 | Lipi Kahala | | | | | | | | | 59 | 121 | | | | 87 | 97 | |
| Puri | Puri0910R041 | Kuntala kahala | | | | | | | | | 63.5 | 177 | | | | 81 | 92 | |
| Puri | Puri0910R041 | Kamala Sahoo | | | | | | | | | 58 | 111 | | | | 83 | 95 | |
| Puri | Puri0910R041 | Jhili kandi | | | | | | | | | 60 | 124 | | | | 79 | 92 | |
| Puri | Puri0910R041 | Manjulata pradhan | | | | | | | Plucking capacity | Kg/ha | 6.1 | 11.5 | | | | | | |
| Puri | Puri0910R041 | Annapurna Jena | | | | | | | | | 5.4 | 12.5 | | | | | | |
| Puri | Puri0910R041 | Pratima jena | | | | | | | | | 5.8 | 10.7 | | | | | | |
| Puri | Puri0910R041 | Rabati dae | | | | | | | | | 6.2 | 11.8 | | | | | | |
| Puri | Puri0910R041 | Susama khatoi | | | | | | | | | 5.1 | 10.4 | | | | | | |
| Puri | Puri0910R051 | Saralata Raut | Continuing | - | - | - | - | - | | | - | - | - | | | - | - | - |
| Puri | Puri0910R051 | Nisha muduli | Continuing | - | - | - | - | - | | | - | - | - | | | - | - | - |
| Puri | Puri0910R051 | Indramani Maharana | Continuing | - | - | - | - | - | | | - | - | - | | | - | - | - |
| Puri | Puri0910R051 | Laxmi Maharana | Continuing | - | - | - | - | - | | | - | - | - | | | - | - | - |
| Puri | Puri0910R051 | Labanya Maharana | Continuing | - | - | - | - | - | | | - | - | - | | | - | - | - |
| Puri | Puri0910R051 | Pratima Maharana | Continuing | - | - | - | - | - | | | - | - | - | | | - | - | - |
| Puri | Puri0910R051 | Lobhabati Raut | Continuing | - | - | - | - | - | | | - | - | - | | | - | - | - |
| Puri | Puri0910R051 | Bali Biswal | Continuing | - | - | - | - | - | | | - | - | - | | | - | - | - |
| Puri | Puri0910R051 | Saralata Sasmal | Continuing | - | - | - | - | - | | | - | - | - | | | - | - | - |
| Puri | Puri0910R051 | Rasi Sahoo | Continuing | - | - | - | - | - | | | - | - | - | | | - | - | - |

| KVK Name | OFT ID No | Farmers' name | Main Product (kg/ha) | | | By-Product (kg/ha) | | | Observations on Other Parameter | | | | | Observations on Other Parameter | | | | |
|----------|--------------|--------------------|----------------------|----------------|----------------|--------------------|----------------|----------------|---------------------------------|-------------------|----------------|----------------|----------------|---------------------------------|---------------|----------------|----------------|----------------|
| | | | T ₁ | T ₂ | T ₃ | T ₁ | T ₂ | T ₃ | Parameter name | Unit | T ₁ | T ₂ | T ₃ | Parameter name | Unit | T ₁ | T ₂ | T ₃ |
| Puri | Puri0910R052 | Mamata Kandi | Continuing | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Puri | Puri0910R052 | Debasmita Kandi | Continuing | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Puri | Puri0910R052 | Sunati Kandi | Continuing | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Puri | Puri0910R052 | Minapriya Swain | Continuing | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Puri | Puri0910R052 | Bimala Sahoo | Continuing | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Puri | Puri0910R053 | Sabita Behera | Continuing | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Puri | Puri0910R053 | Basanti Behera | Continuing | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Puri | Puri0910R053 | Lobha Behera | Continuing | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Puri | Puri0910R053 | Pravati Behera | Continuing | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Puri | Puri0910R053 | Tunilata Behera | Continuing | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Puri | Puri0910R033 | Gangadhar Swain | 39.6 | 43.2 | | 42.8 | 47.1 | | Crop stand | No/m ² | 51 | 64 | | Disease incidence | % | 12 | 3 | - |
| Puri | Puri0910R033 | Laxmidhar Swain | 41.3 | 44.5 | | 44.9 | 48.0 | | Crop stand | No/m ² | 5 | 60 | | Disease incidence | % | 12 | 3 | - |
| Puri | Puri0910R033 | Sindhu swain | 38.7 | 42.2 | | 42.1 | 45.9 | | Crop stand | No/m ² | 55 | 62 | | Disease incidence | % | 13 | 4 | - |
| Puri | Puri0910R033 | Srbeswar jena | 34.6 | 40.7 | | 38.3 | 43.9 | | Crop stand | No/m ² | 57 | 66 | | Disease incidence | % | 15 | 5 | - |
| Puri | Puri0910R033 | Basanta K. Rath | 33.8 | 42.9 | | 37.7 | 46.3 | | Crop stand | No/m ² | 54 | 63 | | Disease incidence | % | 11 | 2 | - |
| Puri | Puri0809R011 | Bhaskar swain | 45.3 | 56.2 | | 48.7 | 59.4 | | Crop stand | No/m ² | 56 | 63 | | No of grains /pinnacles | No /pinnacles | 133 | 144 | - |
| Puri | Puri0809R011 | Khetramohan Behera | 45.1 | 55.9 | | 48.1 | 59.2 | | Crop stand | No/m ² | 55 | 62 | | No of grains /pinnacles | No /pinnacles | 130 | 143 | - |
| Puri | Puri0809R011 | Brajabandhu Behera | 43.8 | 53.7 | | 47.6 | 58.2 | | Crop stand | No/m ² | 52 | 58 | | No of grains /pinnacles | No /pinnacles | 118 | 138 | - |
| Puri | Puri0809R011 | Basanta ku Behera | 42.9 | 54.0 | | 47.3 | 58.8 | | Crop stand | No/m ² | 49 | 61 | | No of grains /pinnacles | No /pinnacles | 114 | 140 | - |
| Puri | Puri0809R011 | Narendra ku Behera | 46.4 | 57.2 | | 49.3 | 60.1 | | Crop stand | No/m ² | 58 | 66 | | No of grains /pinnacles | No /pinnacles | 135 | 145 | - |

3. Achievements of Frontline Demonstrations (conducted during 1-04-2009 to 31-03-2010)

(On the basis of Soil Test based fertilizer application for Acceptability of your results)

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

List of technologies demonstrated and popularized during previous years and recommended for large scale adoption in the district

| KVK Name | Crop/ Enterprise | Thematic Area | Technology demonstrated | Details of popularization methods suggested to the Extension system | Horizontal spread of technology | | |
|----------|---------------------|----------------------------|---|---|---------------------------------|----------------|------------|
| | | | | | No. of villages | No. of farmers | Area in ha |
| Puri | Colocasia | Vegetable cultivation | Introduction of new var. with full package of practices | Farmers fair, NGO, Extension literature, Exhibition, Radio & TV Show, CD show | 8 | 95 | 3.5 |
| Puri | Potato | Vegetable cultivation | Kufri Jyoti with full package of practices | Farmers fair, NGO, Extension literature, Exhibition, Radio & TV Show, CD show | 12 | 127 | 8 |
| Puri | Betelvine | IDM | IDM by use of bio-pesticide(Neem cake 750 kg/ha, Trichoderma viridae 5 kg/ha, Bordeaux mixture 1% soil drenching, & 0.5% foliar spray | Farmers fair, NGO, Extension literature, Exhibition, Radio & TV Show, CD show | 7 | 57 | 9 |
| Puri | Rice | Integrated crop management | Introduction of HYV Pratikshya in irrigated medium land situation | Farmers fair, NGO, Extension literature, Exhibition, Radio & TV Show, CD show | 20 | 500 | 250 |
| Puri | Vermicompost | Vermicompost production | Vermicomposting with <i>Eisenia.foetida</i> | Farmers fair, NGO, Extension literature, Exhibition, Radio & TV Show, CD show | 25 | 130 | 130 units |
| Puri | Fishery | Composite fish culture | IMC (Catla ,Rohu & Mrigal) | Farmers fair, NGO, Extension literature, Exhibition, Radio & TV Show, CD show | 11 | 60 | 16 |

3.2 Details of FLDs implemented

| KVK Name | Type (Crop/ Enterprise) | Name of Crop/ Enterprise | Category of crops* | Category of Enterprise** | Season and year | Thematic area | Area (ha) in case of crop | No. of Units, in case of Enterprise | Size of Unit in case of Enterprise | No. of farmers | | | | |
|----------|----------------------------|-----------------------------|--------------------|--------------------------|-----------------|----------------------------|---------------------------|-------------------------------------|------------------------------------|----------------|----|-----|--------|-------|
| | | | | | | | | | | SC | ST | OBC | Others | Total |
| Puri | Crop | Rice | Cereal | - | Kharif,2009 | Integrated crop management | 3.2 | - | - | 1 | - | 9 | - | 10 |
| Puri | Crop | Rice | Cereal | - | Kharif,2009 | Integrated crop management | 2.0 | - | - | - | - | 10 | - | 10 |

| KVK Name | Type (Crop/Enterprise) | Name of Crop/Enterprise | Category of crops* | Category of Enterprise** | Season and year | Thematic area | Area (ha) in case of crop | No. of Units, in case of Enterprise | Size of Unit in case of Enterprise | No. of farmers | | | | |
|----------|------------------------|-------------------------|----------------------|--------------------------|-----------------|---|---------------------------|-------------------------------------|------------------------------------|----------------|----|-----|--------|-------|
| | | | | | | | | | | SC | ST | OBC | Others | Total |
| Puri | Enterprise | Vermicomposting | - | Vermicomposting | Kharif,2009 | Vermicompost production | - | 10 | 1m ³ each | - | - | 10 | - | 10 |
| Puri | Crop | Colocasia | Vegetable | | Kharif 2009 | | 0.32 | - | - | 3 | - | 5 | - | 8 |
| Puri | Crop | Dioscorea | Vegetable | | Kharif 2009 | Production & management to exploit yield potentiality | 0.2 | - | - | - | - | 6 | - | 6 |
| Puri | Crop | Pointed gourd | Vegetable | | Rabi 2009-10 | Vegetable cultivation | 0.08 | - | - | - | - | - | 4 | 4 |
| Puri | Crop | Papaya | Fruit | | Rabi 2009-10 | Cultivation of fruits | 0.4 | - | - | - | - | - | 4 | 4 |
| Puri | Crop | Watermelon | Fruit | | Rabi 2009-10 | Veg. cultivation | 0.2 | - | - | - | - | 5 | - | 5 |
| Puri | Enterprise | Sunflower thresher | - | Farm implement | Rabi 2009-10 | Drudgery reduction | - | 01 | - | - | - | 05 | - | 05 |
| Puri | Enterprise | Fishery | - | Livestock | Kharif 2009 | Composite fish culture | - | 3 | 2.6 ha | 2 | - | 4 | 13 | 19 |
| Puri | Enterprise | Fishery & duckery | - | Livestock | Kharif 2009 | Integrated fish farming | - | 2 | 1.0 ha | - | - | 3 | - | 3 |
| Puri | Enterprise | Poultry | - | Livestock | Rabi 2009-10 | Rearing of Banaraja Poultry | - | 6 | - | 1 | - | - | 5 | 6 |
| Puri | Enterprise | Nutritional gardening | Vegetables | Vegetables | Kharif,2009 | Household Food security | 0.4 | 10 | 200 sq.m | - | - | 5 | 5 | 10 |
| Puri | Crop | Betelvine | Medicinal & Aromatic | - | Rabi,2009 | IDM | 0.35 | - | - | - | - | 13 | - | 13 |
| Puri | Crop | Coconut | Plantation | - | Rabi,2009 | IPM | 60 plants | - | - | - | - | 6 | - | 6 |
| Puri | Crop | Pumpkin | Vegetable | - | Rabi,2009-10 | IPM | 0.4 | - | - | - | - | 5 | - | 5 |
| Puri | Enterprise | Parboiling unit | | Parboiling unit | Rabi, 2009-10 | Drudgery reduction | - | 10 | - | - | - | - | 10 | 10 |
| Puri | Crop | Banana | Fruit | | Kharif, 2008 | Cultivation of fruits | 0.1 | 4 | - | 1 | - | - | 3 | 4 |
| Puri | Crop | Groundnut | Oilseed | - | Rabi, 2009 | Integrated crop management | 5.0 | - | - | - | - | 15 | - | 15 |
| Puri | Crop | Greengram | Pulses | - | Rabi, 2009 | Integrated crop management | 5.0 | - | - | - | - | 12 | - | 12 |
| Puri | Enterprise | Poultry | - | Livestock | Rabi,2009-10 | Rearing of poultry | - | 10 | - | 1 | - | 3 | 6 | 10 |

| KVK Name | Type (Crop/Enterprise) | Name of Crop/Enterprise | Category of crops* | Category of Enterprise** | Season and year | Thematic area | Area (ha) in case of crop | No. of Units, in case of Enterprise | Size of Unit in case of Enterprise | No. of farmers | | | | |
|----------|------------------------|-------------------------|--------------------|--------------------------|-----------------|------------------------|---------------------------|-------------------------------------|------------------------------------|----------------|----|-----|--------|-------|
| | | | | | | | | | | SC | ST | OBC | Others | Total |
| Puri | Enterprise | Duckery | - | Livestock | Rabi,2009-10 | Duckery | - | 5 | - | - | - | 2 | 3 | 5 |
| Puri | Crop | Fishery | - | - | Rabi,2009 | Composite fish culture | 2.5 | - | - | - | - | - | 8 | 8 |

3.3 Details of farming situation

| KVK Name | Name of Crop/Enterprise | Farming situation (Rainfed/Irrigated) | Soil type | Type of Cultivation (Low land/ Mid land/ Up land) | Cropping system | Previous crops | Status of soil (kg/ha) | | | Sowing Time | Harvest date | Seasonal rainfall (mm) | No. of rainy days | Status of the FLD (Completed/ Continued/ Result awaited) |
|----------|--------------------------|---------------------------------------|------------|---|-----------------|----------------|------------------------|---|---|------------------------------|-------------------------------|------------------------|-------------------|--|
| | | | | | | | N | P | K | | | | | |
| Puri | Rice | Irrigated | Alluvial | Low land | Rice-Pulse | Greengram | L | M | M | 3 rd week of June | 10.11.2009 | - | - | Completed |
| Puri | Rice | Rainfed | Alluvial | Lowland | Rice-Pulse | Rice | L | M | M | 3 rd week of June | 21.11.2009 | - | - | Completed |
| Puri | Vermicompost | - | - | Upland | - | - | - | - | - | 18.7.2009 | Harvested at 3months interval | - | - | Completed |
| Puri | Colocasia | Irrigated | Sandy loam | Mid land | Rice-veg | Rice | L | M | M | 30.4.09 | Nov 2009 | - | - | Completed |
| Puri | Dioscoria | Irrigated | Sandy loam | Midland | Veg-veg | Veg | L | L | M | 4.5.09 | Mar 2010 | - | - | Completed |
| Puri | Pointed gourd | Irrigated | Sandy loam | Midland | Veg-veg | Veg | M | M | M | 8.1.10 | Continuing | - | - | - |
| Puri | Water melon | Irrigated | Alluvial | Midland | Rice-veg | Rice | M | M | M | 26.2.10 | Continuing | - | - | - |
| Puri | Papaya | Irrigated | Sandy loam | Midland | Veg-veg | Veg | M | M | M | 15.2.10 | Continuing | - | - | - |
| Puri | Sunflower thresher plate | Irrigated | Sandy loam | Midland | Rice-oilseed | Rice | - | - | - | - | - | - | - | Completed |
| Puri | Fishery | Pond based | - | Fish pond | - | Fish | - | - | - | 3.8.09, 6.8.09, 19.8.09 | 6.3.09 till continuing | - | - | Continuing |
| Puri | Fishery & duckery | Pond based | - | Fish pond | - | Fish | - | - | - | 19.8.09 & 2.9.09 | 13.3.09 till continuing | - | - | Continuing |
| Puri | Poultry | - | - | - | - | Poultry | - | - | - | 19.3.10 & 20.3.10 | - | - | - | Continuing |
| Puri | Betelvine | Irrigated | Loamy | Upland | Baraj-Baraj | - | H | M | L | - | Continuing | - | - | Continuing |
| Puri | Coconut | Irrigated | Sandyloam | Mediumland | - | - | - | - | - | - | Continuing | - | - | Continuing |

| KVK Name | Name of Crop/Enterprise | Farming situation (Rainfed/Irrigated) | Soil type | Type of Cultivation (Low land/ Mid land/ Up land) | Cropping system | Previous crops | Status of soil (kg/ha) | | | Sowing Time | Harvest date | Seasonal rainfall (mm) | No. of rainy days | Status of the FLD (Completed/ Continued/ Result awaited) |
|----------|-------------------------|---------------------------------------|-----------|---|-----------------|----------------|------------------------|---|---|----------------------------------|----------------------------------|------------------------|-------------------|--|
| | | | | | | | N | P | K | | | | | |
| Puri | Pumpkin | Irrigated | Sandyloam | Mediumland | Rice-Veg | Rice | M | M | L | 18.2.10 | Continuing | - | - | Continuing |
| Puri | Nutritional gardening | Irrigated | Sandyloam | Mediumland | Veg-veg | Vegetable | M | M | M | 3 rd week of Nov | 2 nd week of Februy | - | - | Completed |
| Puri | Parboiling unit | - | - | - | - | - | - | - | - | - | - | - | - | Completed |
| Puri | Banana | Irrigated | Sandyloam | Upland | Veg-Fruits | Vegetable | M | M | M | 22.11.08 | 1 st week of Feb,2010 | - | - | Completed |
| Puri | Groundnut | Irrigated | Sandyloam | Medium land | Rice-Oilseed | Rice | M | M | H | 4 th . Week of Nov'09 | 3rd week of March'10 | - | - | Completed |
| Puri | Greengram | Irrigated | Sandyloam | medium land | Rice-pulses | Rice | M | M | L | 3 rd week of Feb,10 | 4 th week of Apr,10 | - | - | Continuing |
| Puri | Poultry | - | - | - | Poultry | - | - | - | - | 26.12.08 | 2 nd week of May, 09 | - | - | Completed |
| Puri | Duckery | - | - | - | Duckery | - | - | - | - | 30.3.09 | 3 rd week Aug,10 | | | Completed |
| Puri | Fishery | Pond based | - | Fish pond | - | Fish | - | - | - | Sep,2008 | 2 nd week of May,2009 | - | - | Completed |

3.4 Details of Technology demonstrated

| KVK Name | Name of Crop/Enterprise | Problem Identified | Detail of Farmers practice (Local Check) | Name of Technology | Detail of the technology demonstrated | Source and year of technology released | Thematic Area | Name of Variety Used | Characteristic of the variety | Source of variety and year of release | Whether assessed under OFT or not |
|----------|-------------------------|---|--|----------------------|---------------------------------------|--|----------------------------|----------------------|---|---------------------------------------|-----------------------------------|
| Puri | Rice | Low yield due to use of old variety | Var. Swarna | Rice Var. Pratikshya | HYV Pratikshya with full package | OUAT,2004 | Integrated crop management | Pratikshya | Duration:142 days, suitable for medium land Av.Yield- 55-60q/ha 1000grain wt- 20.2g | OUAT,2004 | Not assessed |
| Puri | Rice | Low yield due to cultivation of local variety | Var.Panikoili | Rice Var.Sarala | HYV Sarala with full package | CRRI,2000 | Integrated crop management | Sarala | Duration:150 days, suitable for Low land Av.Yield-50q/ha 1000grain wt- 20g | CRRI,2000 | Not assessed |

| KVK Name | Name of Crop/Enterprise | Problem Identified | Detail of Farmers practice (Local Check) | Name of Technology | Detail of the technology demonstrated | Source and year of technology released | Thematic Area | Name of Variety Used | Characteristic of the variety | Source of variety and year of release | Whether assessed under OFT or not |
|----------|-------------------------|---|--|--|---|--|--|----------------------|---|---------------------------------------|-----------------------------------|
| Puri | Vermicompost | Poor quality compost | Heap method of composting | Vermicomposting | Vermicompost production using <i>Eiseni.foetida</i> | OUAT | Vermicompost production | E.foetida | High multiplication rate, high biomass conversion, quality compost | OUAT | Not assessed |
| Puri | Colocasia | Low yield due to local var. | Local variety Guatia | HYV Midland Muktakeshi | HYV Muktakeshi in medium land situation | CTCRI,2005 | Production & management of tuber crop | Muktakeshi | Good cooking quality, HYV, blight resistant, short duration YP-225q/ha Non acridic | CTCRI, 2005 | Not assessed |
| Puri | Dioscorea | Low yield due to local var. | Local variety | HYV Hatikhoja | HYV Hatikhoja irrigated medium land | - | Production management technology of tuber crop | Hatikhoja | High yielder Dur. 7-8 months resistant to foliar diseases non acridic, better market demand, better taste YP-300 q/ha | - | Not assessed |
| Puri | Pointed gourd | Low yield due to cultivation of local var. Gedipotala | Local var. Gedipotala | HYV Swarna Alaukik | HYV Swarna Aloukik | CHES, Ranchi, 2002 | Vegetable production | Swarna Aloukik | Quick vine growth, early bearer, Y-250-300q/ha | CHES, Ranchi, 2002 | Assessed |
| Puri | Papaya | Low yield due to improper management practices | No seed treatment, improper fertilizer application | Seed treatment Bavistin 2gm/kg of seed, 90:40:180 g NPK/ Plant, 2 baskets of FYM need based plant protection measure | Coorg Honey Dew | OUAT, 2002 | Production & management technology to exploit yield potentiality | Coorg Honey Dew | Hermaphrodite elongated fruits high yielding, dwarf suitable for Odisha condition | OUAT,BBSR, 2002 | Not assessed |

| KVK Name | Name of Crop/Enterprise | Problem Identified | Detail of Farmers practice (Local Check) | Name of Technology | Detail of the technology demonstrated | Source and year of technology released | Thematic Area | Name of Variety Used | Characteristic of the variety | Source of variety and year of release | Whether assessed under OFT or not |
|----------|--------------------------|---|--|---|--|--|-----------------------------|--------------------------------------|--|---------------------------------------|-----------------------------------|
| Puri | Water melon | Low yield due to improper management practices | No seed treatment improper fertilizer application, faulty plant protection measure | Sugar baby with full package of practices | Seed treatment with Bavistin 2gm/kg of seeds, Neem oil cake2.5q/ha, 188:100:100 kg NPK / ha, 25kg borax/ha | OUAT, BBSR, 2003 | Vegetable cultivation | Sugar baby | Fruit small to medium round skin dark green flesh deep red, fine texture, very sweet yield-325q/ha, TSS-10-12% | OUAT, BBSR, 2003 | Not assessed |
| Puri | Sunflower thresher plate | Manual threshing is tedious and time consuming | Continuing | - | - | - | - | - | - | - | - |
| Puri | Fishery | Low fish production due to improper stocking density, ratio & pond management | Stocking of IMC without proper stocking density & ratio | Composite fish culture | Stocking IMC @ 10000/ha, feeding @ 3-5%/ body wt | CIFA, BBSR | Composite fish culture | Catla, Rohu & Mrigal | High growth rate, compatible for culture | CIFA, BBSR | Not assessed |
| Puri | Fishery & duckery | Low return due to improper utilization of dyke area | Culture of IMC only | Integrated fish farming | Stocking IMC @ 10000/ha, feeding @ 3-5%/ body wt & duck litter as fish feed | CIFA, BBSR | Integrated fish farming | Catla, Rohu, Mrigal & Khaki campbell | High growth rate, compatible for culture, duck litter as fish feed & aeration in fish pond | CIFA, BBSR | Not assessed |
| Puri | Poultry | Low yield due to local bird | Local bird | Rearing of Banaraja poultry | Rearing of Banaraja poultry with full package of practices | - | Rearing of Banaraja poultry | Banaraja | Multi colour bird, higher growth rate, Dual purpose 160-180 egg/yr/bird, egg wt 60gm & 4kg meat/4 months | - | Not assessed |

| KVK Name | Name of Crop/Enterprise | Problem Identified | Detail of Farmers practice (Local Check) | Name of Technology | Detail of the technology demonstrated | Source and year of technology released | Thematic Area | Name of Variety Used | Characteristic of the variety | Source of variety and year of release | Whether assessed under OFT or not |
|----------|-------------------------|--|---|---|---|--|-------------------------|--|--|---------------------------------------|-----------------------------------|
| Puri | Nutritional gardening | Lack of food security | Use of local variety of fruits & vegetables | Nutritional gardening | Use of HYV fruits & vegetables in nutritional gardening | OUAT, BBSR | Household food security | High yielding varieties of fruits & vegetables | - | OUAT, BBSR | Assessed |
| Puri | Betelvine | Low leaf yield due to high incidence of disease | Spraying of Bavistin | IDM in Betelvine | IDM by use of bio-pesticide(Neem cake 750 kg/ha, Trichoderma viridae 5 kg/ha, Bordeaux mixture 1% soil drenching,& 0.5% foliar spray | OUAT,1987 | IDM | Vainchigodi (Local) | - | OUAT,1987 | Not assessed |
| Puri | Coconut | Low nut yield due to attack of Red Palm weevil,& Rhinoceros beetle | Application of Granular insecticide | Management of major pests (Rhinoceros beetle, Red palm weevil) of Coconut | Cultural, Mechanical & Chemical control | OUAT, BBSR | IPM | Sakhigopal Local | - | OUAT, BBSR | Not assessed |
| Puri | Pumpkin | Low yield due to attack of YMV | Application of Bavistin | Management of YMV in Pumpkin | Spraying of Imidachloprid @ 0.004% | OUAT, BBSR | IPM | Guamala | - | OUAT, BBSR | Not assessed |
| Puri | Parboiling unit | Manual parboiling is tedious & time consuming | Manual | CRRI model parboiling unit | CRRI model parboiling unit | CRRI | Drudgery reduction | - | - | CRRI | Not assessed |
| Puri | Banana | Low yield due to improper management practices | No sucker treatment, Planting distance 2mx2m, Fertilizer NPK 80-20-100 gm/plant | Scientific method of Banana cultivation | Sucker treamtn with Ridomil MZ 25 g + Streptocyclin 1.5 gm/lit of water, spacing 2.5m x 2.0m, pit treatment with furadon 10gm, NPK 120-40-200gm/plant, need based PP measures | OUAT, BBSR | cultivation of fruits | Patakapura | Good quality finger, HYV, Good market demand | Local patkapura | Not assessed |

| KVK Name | Name of Crop/Enterprise | Problem Identified | Detail of Farmers practice (Local Check) | Name of Technology | Detail of the technology demonstrated | Source and year of technology released | Thematic Area | Name of Variety Used | Characteristic of the variety | Source of variety and year of release | Whether assessed under OFT or not |
|----------|-------------------------|---|---|---------------------------|--|--|--------------------------------------|--|--|---------------------------------------|-----------------------------------|
| Puri | G.Nut | Low yield due to improper management practices | AK-12-24 | Full package of practices | Seed treatment with Bavistin@ 2gm/kg of seed, seed inoculation with Rhizobium @ 20g/seed,zypsum 2.5q/ha, Soil application with chloropriophus 25 kg/ha, NPK 20-40-30 kg/ha, Imedachlorprid @ 0.004%, Indosulphan 0.02% | OUAT, BBSR, 84-85 | Integrated crop management | AK12-24 | - | - | Not assessed |
| Puri | G.Gram | Low yield due to improper management practices | Local | Full package of practices | Seed K-851 + seed treatment with Bavistin + Seed inoculation with Rhizobium ++ NPK 20:40:50 kg/ha(Soil test based) + Triazophos 0.02%, Anth 0.02% alternatively | OUAT, BBSR, 84-85 | Integrated crop management | K-851 | Short duration (60-65 days), Pods are straight 7-10 cm long, 10-14 seeds/pod, uniform maturity, suitable for spring & summer | CSAUT, Kanpur | Not assessed |
| Puri | Duckery | Low yield due to local bird | Local bird | Rearing of ducklings | Rearing of ducklings with full package of practices | - | Rearing of Ducks var. Khaki Campbell | Khaki Campbell | Dual purpose (150 eggs + 2kg meats), duck litter as fish feed & helps in plankton growth | - | Not assessed |
| Puri | Fishery | Low fish production due to improper stocking density, ratio & pond management | Stocking of IMC without proper stocking density & ratio | Composite fish culture | Stocking IMC @ 10000/ha, feeding @ 2-5% body wt | CIFA, BBSR | Composite fish culture | <i>Catla catla, Labeo rohita, Cirrhinus mrigal</i> | Higher growth rate, compatible for culture | CIFA, BBSR | Not assessed |

3.5 Performance of FLD

A. Production

| KVK Name | Name of Crop/Enterprise | Thematic Area | Variety | No. of Farmers | Area (ha) | Production (q/ha) | | | | Increase in yield (%) | |
|----------|-------------------------|--|--------------------------------------|----------------|-----------|---------------------------------|--------------------------------|--------------------------------|------------------------|-----------------------|--|
| | | | | | | Demonstration | | | Local Check | | |
| | | | | | | Maxi | Min | Average | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | |
| Puri | Rice | Integrated crop management | Pratikshya | 10 | 3.2 | 62.4 | 58.8 | 59.7 | 46.3 | 28.9 | |
| Puri | Rice | Integrated crop management | Sarala | 10 | 2.0 | 53.6 | 49.4 | 51.4 | 30.1 | 70.8 | |
| Puri | Vermicompost | Vermicompost production | <i>E.foetida</i> | 10 | - | - | - | 62% | - | - | |
| Puri | Colocasia | Production & management technology to exploit yield potentiality | Muktakeshi | 8 | 0.32 | 222.8 | 215.2 | 218.8 | 176.8 | 23.75 | |
| Puri | Dioascorea | Production & management technology to exploit yield potentiality | Hatikhoja | 6 | 0.2 | 298.2 | 289.5 | 292.87 | 232 | 26.2 | |
| Puri | Pointed gourd | Continuing | - | - | - | - | - | - | - | - | |
| Puri | Water melon | Continuing | - | - | - | - | - | - | - | - | |
| Puri | Papaya | Continuing | - | - | - | - | - | - | - | - | |
| | | | | | | | | | | | |
| Puri | Fishery | Composite fish culture | Catla, Rohu, Mrigal | 19 | 2.6 | Result awaited | - | - | - | - | |
| Puri | Fishery & duckery | Integrated fish farming | Catla, Rohu, Mrigal & Khaki Campbell | 3 | 1.0 | Result awaited | - | - | - | - | |
| Puri | Poultry | Rearing of Banaraja poultry | Banaraja poultry | 10 | - | 135 eggs/yr, M - 3.7kg, F-2.8kg | 127 eggs/yr, M -3.2kg, F-2.6kg | 130 eggs/yr, M -3.5kg, F-2.8kg | 60egg/yr, M-1.5, F-1kg | 133 | |
| Puri | Betelvine | Continuing | - | - | - | - | - | - | - | - | |
| Puri | Coconut | Continuing | - | - | - | - | - | - | - | - | |
| Puri | Pumpkin | Continuing | - | - | - | - | - | - | - | - | |
| Puri | Nutritional gardening | Household food security | Use of HYV in nutritional gardening | 10 | 0.2 | 120 | 95 | 109 | 76 | 43.4 | |
| Puri | Parboiling unit | Drudgery reduction | CRRI model parboiling unit | 10 | - | - | - | - | - | - | |
| Puri | Banana | Cultivation of fruits | Patakapura | 4 | 0.1 | 1700 bunches | 1500 | 1600 | 1400 | 14.2 | |
| Puri | G.Nut | Integrated crop management | AK-12-24 | 15 | 5.0 | 25.6 | 18.7 | 22.7 | 13.8 | 64.5 | |
| Puri | G.Gram | Integrated crop management | K-851 | 12 | 5.0 | Continuing | | | | | |

| KVK Name | Name of Crop/Enterprise | Thematic Area | Variety | No. of Farmers | Area (ha) | Production (q/ha) | | | | Increase in yield (%) | |
|----------|-------------------------|---------------------------|--|----------------|-----------|---------------------------------|-------------------------------|---------------------------------|-------------|-----------------------|--|
| | | | | | | Demonstration | | | Local Check | | |
| | | | | | | Maxi | Min | Average | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | |
| Puri | Duckery | Rearing of Khaki Campbell | Khaki Campbell | 5 | - | 92 eggs/yr, M - 1.5kg, F-1.1 kg | 89eggs/yr, M -1.5kg, F-0.9 kg | 90 eggs/yr, M - 1.6kg, F-1.0 kg | - | - | |
| Puri | Fishery | Composite fish culture | <i>Catla catla, Labeo rohita, Cirrhinus mrigal</i> | 8 | 2.5 | 42.5 | 37 | 40 | 12 | 233 | |

B. Other Parameters (continuation of previous table)

| KVK Name | Name of Crop/Enterprise | Data on parameter in relation to technology demonstrated | | | | Data on parameter in relation to technology demonstrated | | | | Data on parameter in relation to technology demonstrated | | | |
|----------|-------------------------|--|----------------------|------|-------------|--|-------------|--------------|--------------|--|------------------|------|-------------|
| | | Name of parameter | Unit | Demo | Local Check | Name of parameter | Unit | Demo | Local Check | Name of parameter | Unit | Demo | Local Check |
| | | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| Puri | Rice | Crop stand | No/m ² | 64 | 63 | No of grains | No/panicle | 258 | 206 | Test wt | 8 m | 20.6 | 20.0 |
| Puri | Rice | Crop stand | No/m ² | 51 | 39 | No of grains | No/panicle | 214 | 83 | Test wt | 8 m | 20.2 | 23.4 |
| Puri | Vermicompost | Conversion ratio | % | 62 | - | Rate of multiplication | No/3 months | 02 | - | - | - | - | - |
| Puri | Colocasia | Crop stand/1.5m ² | No/1.5m ² | 13 | 12 | Wt for comes/plant | Wt/plant | 584 | 425 | Wt of individual corm | No of corm/plant | 20 | 18 |
| Puri | Dioscorea | Crop stand/m ² | No/m ² | 4 | 6 | Wt of tuber/plant | Kg/plant | 1.83 | 0.96 | - | - | - | - |
| Puri | Pointed gourd | Continuing | - | - | - | - | - | - | - | - | - | - | - |
| Puri | Papaya | Continuing | - | - | - | - | - | - | - | - | - | - | - |
| Puri | Water melon | Continuing | - | - | - | - | - | - | - | - | - | - | - |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Puri | Poultry | No of eggs | No/yr | 130 | 60 | Body wt | kg | M-3.5, F-2.8 | M-1.5, F-1.0 | egg wt | gm | 40 | 30 |
| Puri | Nutritional gardening | Yield | q/ha | 109 | 76 | - | - | - | - | - | - | - | - |
| Puri | Betelvine | Continuing | | | | | | | | | | | |

| KVK Name | Name of Crop/Enterprise | Data on parameter in relation to technology demonstrated | | | | Data on parameter in relation to technology demonstrated | | | | Data on parameter in relation to technology demonstrated | | | |
|----------|-------------------------|--|----------------------|------|-------------|--|---------------|--------------|-------------|--|-----------|------|-------------|
| | | Name of parameter | Unit | Demo | Local Check | Name of parameter | Unit | Demo | Local Check | Name of parameter | Unit | Demo | Local Check |
| | | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| Puri | Coconut | Continuing | | | | | | | | | | | |
| Puri | Pumpkin | Continuing | | | | | | | | | | | |
| Puri | Parboiling unit | Milling yield | Kg rice/q of paddy | 72 | 66 | Time consuming | Hr/q of paddy | 1 | 3.2 | - | - | - | - |
| Puri | Banana | crop stand | NO/100m ² | 20 | 25 | No. of bunches | No/ha | 1600 | 1400 | No of fingers | No/ bunch | 70 | 55 |
| Puri | G.nut | Plant population | No/m ² | 37 | 35 | No.of pod | No/plant | 19 | 12 | Insect attack | No/Plant | 6 | 18 |
| Puri | G.gram | Continuing | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Puri | Duckery | No of eggs | No/yr | 90 | - | Body wt | kg | M-1.6, F-1.0 | | egg wt | gm | 38 | - |
| Puri | Fishery | Yield | q/ha | 40 | 12 | - | - | - | - | - | - | - | - |

C. Economic Impact (continuation of previous table)

| KVK Name | Name of Crop/Enterprise | Average Cost of cultivation (Rs/ha) | | Average Gross Return (Rs/ha) | | Average Net Return (Rs/ha) | | Benefit-Cost Ratio (Gross Return / Gross Cost) | |
|----------|-------------------------|-------------------------------------|-------------|------------------------------|-------------|----------------------------|-------------|--|-------------|
| | | Demonstration | Local Check | Demonstration | Local Check | Demonstration | Local Check | Demonstration | Local Check |
| | | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| Puri | Rice | 25300 | 23800 | 56715 | 43985 | 31415 | 20185 | 2.2:1 | 1.8:1 |
| Puri | Rice | 24700 | 16000 | 48830 | 24080 | 24130 | 8080 | 1.9:1 | 1.5:1 |
| Puri | Vermicompost | 1900 | - | 8700 | - | 6800 | - | 4.5:1 | - |
| Puri | Colocasia | 52250 | 52760 | 218875 | 176800 | 166625 | 124040 | 4.18:1 | 3.35:1 |
| Puri | Dioscoria | 76500 | 72350 | 234240 | 185600 | 157740 | 113250 | 3.06:1 | 2.56:1 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Puri | Nutritional gardening | 35160 | 34545 | 109000 | 76000 | 73840 | 41455 | 3.1:1 | 2.2:1 |

| KVK Name | Name of Crop/Enterprise | Average Cost of cultivation (Rs/ha) | | Average Gross Return (Rs/ha) | | Average Net Return (Rs/ha) | | Benefit-Cost Ratio (Gross Return / Gross Cost) | |
|----------|-------------------------|-------------------------------------|-------------|------------------------------|-------------|----------------------------|-------------|--|-------------|
| | | Demonstration | Local Check | Demonstration | Local Check | Demonstration | Local Check | Demonstration | Local Check |
| | | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| Puri | Betelvine | Continuing | - | - | - | - | - | - | - |
| Puri | Coconut | Continuing | - | - | - | - | - | - | - |
| Puri | Pumpkin | Continuing | - | - | - | - | - | - | - |
| Puri | Parboiling unit | - | - | - | - | - | - | - | - |
| Puri | Banana | 1,00,700 | 82,500 | 2,08,000 | 1,40,000 | 1,07,300 | 57,500 | 2.01:1 | 1.6:1 |
| Puri | G.Nut | 19515 | 16881 | 56350 | 34500 | 37235 | 17619 | 2.9:1 | 2.04:1 |
| Puri | G.Gram | Continuing | | | | | | | |
| | | | | | | | | | |
| Puri | Fishery | 56,000 | 26,000 | 2,40,000 | 72,000 | 1,84,000 | 46,000 | 4.28:1 | 2.77:1 |

3.6 Analytical Review of component demonstrations: NIL

| KVK Name | Crop | Season | Type of Demo (Full Package/ Component) | Components provided by KVK | Components provided by Farmers | Farming situation | Average yield under demonstration(q/ha) | Average yield under Local check (q/ha) | Percentage increase in productivity over local check |
|----------|-------|---------------|--|--|--------------------------------|-------------------|---|--|--|
| Puri | Wheat | Rabi, 2009-10 | Component (Certified Seed & Fertilizers) | Seed, Bio-fertilizers and Vermicompost | Fertilizers | Irrigated | 3445.6 | 3156.8 | 9.15 |

3.7 Technical Feedback on the demonstrated technologies

| KVK Name | Crop | Demonstrated Technology | Village | Block Name | Feed Back |
|----------|---------------|---|-------------------|--------------------|--|
| Puri | Rice | HYV Pratikshya with full package | Sama | Gop | Var. Pratikshya gave 28.9% higher yield over local Var.Swarna and tolerant to stem boror, blast BLB & tolerant to water logged condition. |
| Puri | Rice | HYV Sarala with full package | Sundara | Astarang | Var. Sarala with slender grain quality has high market value, can withstand water logging for 3 days and gave 70.8 % higher yield over local Var.Panikoili |
| Puri | Vermicom post | Vermicompost production using <i>Eiseni.foetida</i> | Gokulpur, Sundara | Kakatpur, Astarang | Good quality compost, high market value |
| Puri | Colocasia | HYV Muktakeshi with full package of practice | Sarbapada | Nimapada | Yield is good, field tolerance to Colocasia blight, tolerant to corm rot, better cooking quality & Non Acridic |
| Puri | Dioscoria | HYV Hatikhoj with full package of practice | Sarbapada | Nimapada | Yield is good, field tolerant to Yalm virus, Circuspara leaf tolerant, scale insects & mealy bug |

| KVK Name | Crop | Demonstrated Technology | Village | Block Name | Feed Back |
|----------|-----------------------|--|--|----------------|---|
| Puri | Betelvine | IDM by use of bio-pesticide(Neem cake 750 kg/ha, Trichoderma viridae 5 kg/ha, Bordeaux mixture 1% soil drenching & 0.5% foliar spray | Silari | Astaranga | Continuing |
| Puri | Coconut | Cultural, Mechanical & Chemical control | Sarbapada | Nimapada | Continuing |
| Puri | Pumpkin | Spraying of Imidachloprid @ 0.004% | Kadambapatna | Kakatpur | Continuing |
| Puri | Nutritional gardening | Use of HYV fruits & vegetables | Sama | Gop | Nutritional gardening is necessary for household food security |
| Puri | Parboiling unit | CRRI model | Naranpur | Kakatpur | Easy to handle, milling yield is good, save time |
| Puri | Banana | Patakapura with full package of practices | Sundara | Astaranga | RP gives 14.2% more yield than FP, size of the finger is better than FP, Fetch good market price, Panama wilt infestation % is less |
| Puri | G.Nut | Full package of practices | Sarbapada | Nimapara | Bio fertilizer should be available in the locality, Newly released varieties should be available in the government sale centre |
| Puri | Fishery | stocking IMC @ 10000/ha, feeding @ 3-5% / body wt. with scientific pond management practices | Gokulpur, Adikandapur, Sama, Sundara, Silari | Gop, Astaranga | More growth rate and yield. RP gives 233% more yield over FP |

3.8 Farmers' reactions on specific technologies

| KVK Name | Crop | Demonstrated Technology | Farmers' Name | Feed Back |
|----------|--------------|--|------------------------------------|--|
| Puri | Rice | HYV Pratikshya with full package | Sadasiba Sahoo, Babaji Muduli | Farmers are satisfied with the high yielding potential of the variety |
| Puri | Rice | HYV Sarala with full package | Khetramohan Behera, Bhaskar Swain | Variety is a high yielder with high market value & can be grown in low lying areas of coastal district during kharif |
| Puri | Vermicompost | Vermicompost production using <i>Eisenia.foetida</i> | Bhabani Mohanty, Bhaskar Swain | High net return, Good opportunity for self employment |
| Puri | Colocasia | HYV Muktakeshi with full package of practices | Purnachandra Jena, Nabaghan Sitha | Cooking quality is good, Good yield, Non acridic & appreciated by the farmers as high yielding variety for medium land situation |
| Puri | Dioascorea | HYV Hatikhoja with full package of practices | Banabihari Pradhan, Brundaban Jena | Appreciated for its soft non stick cooking quality, its gives bumper yield tolerant to virus & cercospora leaf spot, field tolerant to scale insect & mealybug |

| KVK Name | Crop | Demonstrated Technology | Farmers' Name | Feed Back |
|----------|-----------------------|--|---|---|
| Puri | Nutritional gardening | Use of HYV fruits & vegetables | Kalpana Nayak, Satarupa Muduli | Nutritional garden supplies fresh vegetables, fruits through out the year |
| Puri | Parboiling unit | CRRI model | Tunilata Sasmal, Labanya Moharana | Easy to handle, milling yield is good, save time |
| Puri | Banana | Patakapura with full package of practices | Laxman Swain, Krushna Chandra Behera, Gangadhar Bahera, Trilochan Mallick | Farmers have got more profit by cultivating Patakapura in scientific method, Disease infestation is less |
| Puri | G.Nut | Full package of practices | Purna Ch. Jena, Narendra Pradhan, Sarbeswar Khatoi, Narendra Majhi, Jalandhar Pradhan, Gobardhan Jena, Brundaban Jena, Prakash Jena, Prasanta Jena, dasarathi Jena, Krushna Ch. Jena, banabihari Pradhan, Sanatan jena, Santosh K. Jena, Bharat Behera, Biswanath Patra | Farmers are convinced about seed treatment, proper dose of fertilizer application and its need based plant protection measures. |
| Puri | Fishery | Stocking IMC @ 10000/ha, feeding @ 3-5% body wt. with scientific pond management practices | Manaspini Biswal, Badrinarayan Kar, Samira Mohanty, Mahendra Behera, Laxmidhara Swain, Santosh ku. Behera | Farmers are very much convinced with the technology as they got more return from composite fish culture |

3.9 Extension and Training activities under FLD

| KVK Name | Crop | Activity | No. of activities organized | Number of participants | Remarks |
|----------|--------------|--------------------------------------|-----------------------------|------------------------|---------|
| Puri | Rice | Field days | 2 | 45 | - |
| Puri | | Farmers Training | 4 | 55 | - |
| Puri | | Media coverage | 2 | - | - |
| Puri | | Training for extension functionaries | - | - | - |
| Puri | Vermicompost | Field days | 2 | 48 | - |
| Puri | | Farmers Training | 2 | 30 | - |
| Puri | | Media coverage | 1 | - | - |
| Puri | | Training for extension functionaries | 1 | 20 | - |
| Puri | Colocasia | Field days | 1 | 100 | - |
| Puri | | Farmers Training | 1 | 25 | - |
| Puri | | Media coverage | 1 | - | - |
| Puri | | Training for extension functionaries | 1 | 30 | - |
| Puri | Dioscorea | Field days | 1 | 50 | - |
| Puri | | Farmers Training | 1 | 25 | - |
| Puri | | Media coverage | 1 | - | - |
| Puri | | Training for extension functionaries | 1 | 25 | - |

IMPORTANT INSTRUCTION

- 1. Do not modify/add/delete the column of the tables. If you want to give additional information, please attached separate sheet as annexure.**
- 2. Do not modify/delete the text written on grey colored background columns in tables otherwise information of your KVK will not be accepted by the database of our Directorate.**
- 3. Do not press any Enter Key in any of the columns while making entry in the columns of the table. Use only arrow key /Tab key/ mouse pointer while movement from one column/row to another.**
- 4. Column No. 1 is reserved for name of the KVK (District name). Write your KVK name in every row (do not leave blank the column No. 1 for any of the row).**
- 5. Please do not write unit or text in "Green" Coloured cell. Write only numerical figures here.**

FORMAT 2 – STAFF POSITION, TRAININGS, EXTENSION ACTIVITIES

REPORTING PERIOD – 1st April, 2009 to 31st March, 2010

IMPORTANT INSTRUCTION

6. Do not modify/add/delete the column of the tables. If you want to give additional information, please attached with separate sheet as annexure.
7. Do not modify/delete the text written on grey colored background columns in tables otherwise information of your KVK will not be accepted by the database of our Directorate.
8. Training on additional Topics can be added or replaced under OTH Thematic Code in Table T1 (written in blue colored text).
9. Do not press any Enter Key in any of the columns while making entry in the columns of the table. Use only arrow key /Tab key/ mouse pointer while movement from one column/row to another.
10. Column No. 1 is reserved for name of the KVK (District name). Write your KVK name in every row (do not leave blank the column No. 1 for any of the row).
11. Please do not write unit or text in "Green Coloured cell". Write only numerical figures.

Abbreviation Used

| | |
|-----|-------------------------------|
| FW | (A) Farmers & Farm Women |
| RY | (B) Rural Youths |
| IS | (C) Extension Personnel |
| ONC | On Campus Training Programme |
| OFC | Off Campus Training Programme |
| M | Male |
| F | Female |
| T | Total |

Thematic Areas for Training

| | |
|-----|---|
| CRP | Crop Production |
| HOV | Horticulture – Vegetable Crops |
| HOF | Horticulture-Fruits |
| HOO | Horticulture- Ornamental Plants |
| HOP | Horticulture- Plantation crops |
| HOT | Horticulture- Tuber crops |
| HOS | Horticulture- Spices |
| HOM | Horticulture- Medicinal and Aromatic Plants |
| SFM | Soil Health and Fertility Management |
| LPM | Livestock Production and Management |
| WOE | Home Science/Women empowerment |
| AEG | AgriL. Engineering |
| PLP | Plant Protection |
| FIS | Fisheries |
| PIS | Production of Inputs at site |
| CBD | Capacity Building and Group Dynamics |
| AGF | Agro-forestry |
| OTH | Others |
| RYH | Rural Youth |
| EXP | Extension Personnel |

1. Staff Position (as on 31st March 2010)

| Name of KV.K. | Sanctioned post | Name of the incumbent | Discipline | Highest degree | Subject of Speciali-zation | Pay Scale (Rs.) | Present basic (Rs.) | Date of joining | Permanent /Temporary | Category (SC/ST/ OBC/ Others) |
|---------------|-----------------------------|------------------------|------------------|----------------|----------------------------|-----------------------|---------------------|-----------------|----------------------|-------------------------------|
| Puri | Programme Coordinator | Vacant | - | - | - | - | - | - | - | - |
| Puri | Subject Matter Specialist1 | Dr.(Mrs) D. Jena | Hom.Scie | Ph.D | Food and Nutrition | 15600-39100 AGP- 6000 | 18320 | 01.07.07 | Contractual | GEN |
| Puri | Subject Matter Specialist2 | Sri H. K. Sahoo | Agronomy | PG | Agronomy | 15600-39100 AGP- 7000 | 23190 | 08.08.06 | Permanent | GEN |
| Puri | Subject Matter Specialist3 | Sri P. K. Nanda | Plant protection | PG | Entomology | 15600-39100 AGP- 6000 | 17610 | 25.08.06 | Contractual | GEN |
| Puri | Subject Matter Specialist4 | Mrs. B. Mishra | Horticulture | PG | Horticulture | 17610-39100 AGP- 6000 | 17610 | 30.06.07 | Contractual | GEN |
| Puri | Subject Matter Specialist5 | Smt Bijaylaxmi Mohanta | Agri.Engine | PG | Agri.Engine | 15600-39100 AGP- 6000 | 15600 | 9.11.09 | Contractual | GEN |
| Puri | Subject Matter Specialist6 | Smt Swagatika Sahu | Fish.Sc | PG | Fish.Sc | 15600-39100 AGP- 6000 | 15600 | 23.4.10 | Contractual | SC |
| Puri | Subject Matter Specialist6 | Vacant | Extension | - | - | - | - | - | - | - |
| Puri | Programme Assistant | Sri M.R. Behera | Fishery | MFSc | Fishery | 5500-9000 | 6200 | 8.12.09 | Contractual | GEN |
| Puri | Farm Manager | Sri N. Sasmal | Soil.Scie | PG | Soil Science | 5500-9000 | 6200 | 01.07.07 | Contractual | GEN |
| Puri | Computer Programmer | Md.Sadakat.Ali | Computer | Graduate | Computer | 5500-9000 | 6025 | 20.07.09 | Contractual | GEN |
| Puri | Accountant / superintendent | Vacant | - | - | - | - | - | - | - | - |
| Puri | Stenographer | Sri S.K.Rout | Steno | Graduate | Stenography | 4000-6000 | 4200 | 19.07.08 | Contractual | GEN |
| Puri | Driver | Sri P.K.Lenka | Driver | Matric | Driver | 3050-4590 | 3125 | 24.07.07 | Contractual | GEN |
| Puri | Driver | Sri J.Pradhan | Driver | Matric | Driver | 3050-4590 | 3125 | 10.12.09 | Contractual | GEN |
| Puri | Supporting staff | Sri B. Sethi | peon /Watchman | Under matric | | 2550-55-2660- 60-3200 | 2550 | 7.8.08 | Contractual | SC |
| Puri | Supporting staff | Sri B. Sahani | peon /Watchman | Under matric | | 2550-55-2660- 60-3200 | 2550 | 8.8.08 | Contractual | GEN |

2. Documentation of the need assessment conducted by the KVK for the training programme

| Name of KVK. | Category of the training | Methods of need assessment | Date and place | No. Of participants involved |
|--------------|--------------------------|---|------------------------------|------------------------------|
| Puri | F/FW | Group discussion – During field visit, farmers were getting low leaf yield in Betelvine due to attack of diseases | 29.10.09, KVK Campus | 25 |
| Puri | F/FW | Field visit & Group discussion - During field visit & discussion with farmers, they were getting low yield in Sugarcane due to insect pest attack even after spraying of insecticides. | 19.12.09, Kanhupur | 20 |
| Puri | F/FW | Group discussion- During discussion & PRA survey it was observed that farmers were facing heavy loss due to attack of diseases like root rot, stem rot, etc. | 26.12.09, Sarbapada | 20 |
| Puri | F/FW | PRA survey- During field visit & PRA survey, Rice being the main crop in the area it is attacked by stem borer even after indiscriminate spraying of insecticides. | 29.1.10, Kolipokhari | 25 |
| Puri | F/FW | During PRA survey, Group discussion with farmers in the adopted villages it is brought to notice that during summer season the coconut crop is attacked by black winged caterpillar & is difficult to control by insecticides spray. | 19.2.10, KVK, Campus | 25 |
| Puri | IS | During field visit & Group discussion with farmers it was found that summer vegetables like cucumber, Pumpkin etc were mostly attacked by trait fly & causes heavy loss in the district that is why it is decided to impart training to field personnels in horticulture deptt to train on this aspect. | 20.3.10, Sakhigopal | 30 |
| Puri | F/FW | Rice being the main crop in the village, which was damaged by stemborer & is difficult to control by spraying of insecticides as assured during group discussion with farmers. | 23.3.10, Naranpur | 25 |
| Puri | RY | Group discussion- Seeing the low cost low management & more profit involved in the honey bee cultivation, rural youths came forward for commercial production of honey in the villages. | 25.3.10, Konark | 20 |
| Puri | F/FW | Group discussion- Farmers were unaware of scientific method of seedling rearing. | 28.10.09, Sarbapada | 25 |
| Puri | F/FW | Diagnostic – During field visit it was observed that farming were getting 1000 yield due to unhealthy, low quality planting material in vegetable production. | 16.12.09, Kanhupur | 25 |
| Puri | F/FW | During PRA survey farmers said that they were facing problems like fruit drops, less fruiting during pointed gourd cultivation due to unaware of scientific method of cultivation. | 22.12.09, Dumukipur | 20 |
| Puri | RY | Seeing the availability of quality planting material and demand (their) in the locality in time some rural youth showed their interest for production quality planting material of hort crops | 23.12.09, Sama | 25 |
| Puri | F/FW | Group Discussion- During group discussion and field visit problems were identified regarding commercial production of ornamental plants | 6.1.10, KVK, Campus | 25 |
| Puri | F/FW | Group Discussion- During group discussion & field visit farmers said that they are getting low yield & less profit due to unscientific method of fruit cultivation. | 18.2.10, KVK, Campus | 25 |
| Puri | F/FW | Group Discussion- During diagnostic field visit and group discussion with farmers it was revealed that during summer farmers were not doing vegetable cultivation in scientific way. That's why they were getting less profit out of this enterprise. | 11. 3.10 & 12.3.10, Naranpur | 30 |
| Puri | IS | Group Discussion- Being the high demand of off season vegetable in the various market of the district and keeping in view farmers interest regarding off season vegetable cultivation during Group discussion it was decided to impart a training on protected cultivation technology (Off season tomato) to IS personnels as they are working at block level | 19.3.10, RCRS Sakhigopal | 30 |
| Puri | F/FW | Group discussion & Diagnostic field visit- Degradation of soil fertility & decreasing crop productivity | 30.11.09, Dumukipur | 25 |
| Puri | F/FW | Group discussion- Farmers are not aware about soil testing & also soil samples collection | 24.12.09, Dumukipur | 25 |

| Name of KVK. | Category of the training | Methods of need assessment | Date and place | No. Of participants involved |
|--------------|--------------------------|---|--------------------------------|------------------------------|
| Puri | F/FW | Group discussion & Diagnostic field visit- Indiscriminate use of chemical fertilizer | 6.3.10, Naranapur | 25 |
| Puri | F/FW | Group discussion- Actual dose of fertilizer for different crops are not applied by farmers | 10.3.10, Sarbapada | 25 |
| Puri | F/FW | Group discussion & Exploratory survey- Due to high cost of chemical fertilizer & degradation of soil fertility | 1.1.10, Khrirkhia | 25 |
| Puri | F/FW | Group discussion- Indiscriminate use of cow dung & wastage of organic residues | 14.1.10, Naranpur | 25 |
| Puri | F/FW | Group discussion- Wastage of water during irrigation | 11.2.10 & 15.2.10, KVK Campus | 25 |
| Puri | F/FW | Group discussion- Yield loss due to weed infestation in Groundnut | 8.3.10 & 9.3.10, Sarbapada | 25 |
| Puri | RY | Group discussion & PRA- Non availability of quality seeds of rice | 10.3.10 & 11.3.10, Sama | 25 |
| Puri | F/FW | Group discussion & PRA- Non availability of paddy seeds, Low productivity rice | 12.3.10 & 13.3.10, Upula | 25 |
| Puri | IS | Group discussion- Degradation of soil fertility & decreasing of crop productivity | 27.3.10, L.W.S, Nimapara | 13 |
| Puri | F/FW | Group discussion- During field visit farmers those who have tractors told about the frequent break down & maintenance problems of tractors | 17.12.09, Sama | 25 |
| Puri | RY | Group discussion- During field visit farmers those who have tractors told about the frequent break down & maintenance problems of tractors | 19.12.09, Beguniabasta | 25 |
| Puri | F/FW | Group discussion- During group discussion the farmers told about the problems they face during the seed treatment by hand | 25.2.10, Srichandanpur | 25 |
| Puri | F/FW | Group discussion & Field visit- Farmers told that removal of sunflower seeds from sunflower is difficult & tedious job | 9.3.10, Sama | 25 |
| Puri | RY | Group discussion & PRA survey- It was found that in most of the family cows are their and they sail milk in low price so it is decided to impact training to increase income by value addition to milk. | 10.3.10 & 11.3.10, Kolipokhari | 25 |

For example: Need assessment of the training for farmers and farmwomen, the method may be diagnostic field visit, PRA tools, group discussion, exploratory survey

3. TRAINING PROGRAMMES

Table 3.1. Details of Training programmes conducted by the KVKs

| Name of KVK | Category | Training Type | Theme code | Sub-theme | No. of Courses (Targeted) | No. of Courses (Achieved) | Duration (Days) | Participants | | | | | |
|-------------|----------|---------------|------------|------------------------------------|---------------------------|---------------------------|-----------------|--------------|----|----|----|--------|----|
| | | | | | | | | SC | | ST | | Others | |
| | | | | | | | | M | F | M | F | M | F |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| Puri | FW | ONC | CRP | Weed Management | | | | | | | | | |
| Puri | FW | ONC | CRP | Resource Conservation Technologies | | | | | | | | | |
| Puri | FW | ONC | CRP | Cropping Systems | | | | | | | | | |
| Puri | FW | ONC | CRP | Crop Diversification | | | | | | | | | |

| Name of KVK | Category | Training Type | Theme code | Sub-theme | No. of Courses (Targeted) | No. of Courses (Achieved) | Duration (Days) | Participants | | | | | |
|-------------|----------|---------------|------------|---|---------------------------|---------------------------|-----------------|--------------|----|----|----|--------|----|
| | | | | | | | | SC | | ST | | Others | |
| | | | | | | | | M | F | M | F | M | F |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| Puri | FW | ONC | CRP | Integrated Farming | | | | | | | | | |
| Puri | FW | ONC | CRP | Water management | 1 | 1 | 2 | 1 | | | | | 24 |
| Puri | FW | ONC | CRP | Seed production | | | | | | | | | |
| Puri | FW | ONC | CRP | Nursery management | | | | | | | | | |
| Puri | FW | ONC | CRP | Integrated Crop Management | | | | | | | | | |
| Puri | FW | ONC | CRP | Fodder production | | | | | | | | | |
| Puri | FW | ONC | CRP | Production of organic inputs | | | | | | | | | |
| Puri | FW | ONC | HOV | Production of low volume and high value crops | | | | | | | | | |
| Puri | FW | ONC | HOV | Off-season vegetables | | | | | | | | | |
| Puri | FW | ONC | HOV | Nursery raising | | | | | | | | | |
| Puri | FW | ONC | HOV | Exotic vegetables like Broccoli | | | | | | | | | |
| Puri | FW | ONC | HOV | Export potential vegetables | | | | | | | | | |
| Puri | FW | ONC | HOV | Grading and standardization | | | | | | | | | |
| Puri | FW | ONC | HOV | Protective cultivation (Green Houses, Shade Net etc.) | | | | | | | | | |
| Puri | FW | ONC | HOF | Training and Pruning | | | | | | | | | |
| Puri | FW | ONC | HOF | Layout and Management of Orchards | | | | | | | | | |
| Puri | FW | ONC | HOF | Cultivation of Fruit | 1 | 1 | 1 | | | | | | 25 |
| Puri | FW | ONC | HOF | Management of young plants/orchards | | | | | | | | | |
| Puri | FW | ONC | HOF | Rejuvenation of old orchards | | | | | | | | | |
| Puri | FW | ONC | HOF | Export potential fruits | | | | | | | | | |
| Puri | FW | ONC | HOF | Micro irrigation systems of orchards | | | | | | | | | |
| Puri | FW | ONC | HOF | Plant propagation techniques | | | | | | | | | |
| Puri | FW | ONC | HOO | Nursery Management | | | | | | | | | |
| Puri | FW | ONC | HOO | Management of potted plants | | | | | | | | | |
| Puri | FW | ONC | HOO | Export potential of ornamental plants | | | | | | | | | |
| Puri | FW | ONC | HOO | Propagation techniques of Ornamental Plants | 1 | 1 | 1 | | | | | | 25 |
| Puri | FW | ONC | HOP | Production and Management technology | | | | | | | | | |
| Puri | FW | ONC | HOP | Processing and value addition | | | | | | | | | |
| Puri | FW | ONC | HOT | Production and Management technology | | | | | | | | | |
| Puri | FW | ONC | HOT | Processing and value addition | | | | | | | | | |
| Puri | FW | ONC | HOS | Production and Management technology | | | | | | | | | |
| Puri | FW | ONC | HOS | Processing and value addition | | | | | | | | | |
| Puri | FW | ONC | HOM | Nursery management | | | | | | | | | |
| Puri | FW | ONC | HOM | Production and management technology | | | | | | | | | |

| Name of KVK | Category | Training Type | Theme code | Sub-theme | No. of Courses (Targeted) | No. of Courses (Achieved) | Duration (Days) | Participants | | | | | |
|-------------|----------|---------------|------------|--|---------------------------|---------------------------|-----------------|--------------|----|----|----|--------|----|
| | | | | | | | | SC | | ST | | Others | |
| | | | | | | | | M | F | M | F | M | F |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| Puri | FW | ONC | HOM | Post harvest technology and value addition | | | | | | | | | |
| Puri | FW | ONC | SFM | Soil fertility management | | | | | | | | | |
| Puri | FW | ONC | SFM | Soil and Water Conservation | | | | | | | | | |
| Puri | FW | ONC | SFM | Integrated Nutrient Management | | | | | | | | | |
| Puri | FW | ONC | SFM | Production and use of organic inputs | | | | | | | | | |
| Puri | FW | ONC | SFM | Management of Problematic soils | | | | | | | | | |
| Puri | FW | ONC | SFM | Micro nutrient deficiency in crops | | | | | | | | | |
| Puri | FW | ONC | SFM | Nutrient Use Efficiency | | | | | | | | | |
| Puri | FW | ONC | SFM | Soil and Water Testing | | | | | | | | | |
| Puri | FW | ONC | LPM | Dairy Management | | | | | | | | | |
| Puri | FW | ONC | LPM | Poultry Management | | | | | | | | | |
| Puri | FW | ONC | LPM | Piggery Management | | | | | | | | | |
| Puri | FW | ONC | LPM | Rabbit Management | | | | | | | | | |
| Puri | FW | ONC | LPM | Disease Management | | | | | | | | | |
| Puri | FW | ONC | LPM | Feed management | | | | | | | | | |
| Puri | FW | ONC | LPM | Production of quality animal products | | | | | | | | | |
| Puri | FW | ONC | WOE | Household food security by kitchen gardening and nutrition gardening | | | | | | | | | |
| Puri | FW | ONC | WOE | Design and development of low/minimum cost diet | | | | | | | | | |
| Puri | FW | ONC | WOE | Designing and development for high nutrient efficiency diet | | | | | | | | | |
| Puri | FW | ONC | WOE | Minimization of nutrient loss in processing | | | | | | | | | |
| Puri | FW | ONC | WOE | Gender mainstreaming through SHGs | | | | | | | | | |
| Puri | FW | ONC | WOE | Storage loss minimization techniques | | | | | | | | | |
| Puri | FW | ONC | WOE | Value addition | | | | | | | | | |
| Puri | FW | ONC | WOE | Income generation activities for empowerment of rural Women | 2 | 2 | 2 | | | | | | 30 |
| Puri | FW | ONC | WOE | Location specific drudgery reduction technologies | | | | | | | | | |
| Puri | FW | ONC | WOE | Rural Crafts | | | | | | | | | |
| Puri | FW | ONC | WOE | Women and child care | | | | | | | | | |
| Puri | FW | ONC | AEG | Installation and maintenance of micro irrigation systems | | | | | | | | | |
| Puri | FW | ONC | AEG | Use of Plastics in farming practices | | | | | | | | | |
| Puri | FW | ONC | AEG | Production of small tools and implements | | | | | | | | | |
| Puri | FW | ONC | AEG | Repair and maintenance of farm machinery and implements | | | | | | | | | |
| Puri | FW | ONC | AEG | Small scale processing and value addition | | | | | | | | | |
| Puri | FW | ONC | AEG | Post Harvest Technology | | | | | | | | | |

| Name of KVK | Category | Training Type | Theme code | Sub-theme | No. of Courses (Targeted) | No. of Courses (Achieved) | Duration (Days) | Participants | | | | | |
|-------------|----------|---------------|------------|---|---------------------------|---------------------------|-----------------|--------------|----|----|----|--------|-------|
| | | | | | | | | SC | | ST | | Others | |
| | | | | | | | | M | F | M | F | M | F |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| Puri | FW | ONC | PLP | Integrated Pest Management | | | | | | | | | |
| Puri | FW | ONC | PLP | Integrated Disease Management | 1 | 1 | 1 | | | | | | 25 |
| Puri | FW | ONC | PLP | Bio-control of pests and diseases | 1 | 1 | 1 | 1 | | | | | 13 11 |
| Puri | FW | ONC | PLP | Production of bio control agents and bio pesticides | | | | | | | | | |
| Puri | FW | ONC | FIS | Integrated fish farming | | | | | | | | | |
| Puri | FW | ONC | FIS | Carp breeding and hatchery management | | | | | | | | | |
| Puri | FW | ONC | FIS | Carp fry and fingerling rearing | | | | | | | | | |
| Puri | FW | ONC | FIS | Composite fish culture | | | | | | | | | |
| Puri | FW | ONC | FIS | Hatchery management and culture of freshwater prawn | | | | | | | | | |
| Puri | FW | ONC | FIS | Breeding and culture of ornamental fishes | | | | | | | | | |
| Puri | FW | ONC | FIS | Portable plastic carp hatchery | | | | | | | | | |
| Puri | FW | ONC | FIS | Pen culture of fish and prawn | | | | | | | | | |
| Puri | FW | ONC | FIS | Shrimp farming | | | | | | | | | |
| Puri | FW | ONC | FIS | Edible oyster farming | | | | | | | | | |
| Puri | FW | ONC | FIS | Pearl culture | | | | | | | | | |
| Puri | FW | ONC | FIS | Fish processing and value addition | | | | | | | | | |
| Puri | FW | ONC | PIS | Seed Production | | | | | | | | | |
| Puri | FW | ONC | PIS | Planting material production | | | | | | | | | |
| Puri | FW | ONC | PIS | Bio-agents production | | | | | | | | | |
| Puri | FW | ONC | PIS | Bio-pesticides production | | | | | | | | | |
| Puri | FW | ONC | PIS | Bio-fertilizer production | | | | | | | | | |
| Puri | FW | ONC | PIS | Vermi-compost production | | | | | | | | | |
| Puri | FW | ONC | PIS | Organic manures production | | | | | | | | | |
| Puri | FW | ONC | PIS | Production of fry and fingerlings | | | | | | | | | |
| Puri | FW | ONC | PIS | Production of Bee-colonies and wax sheets | | | | | | | | | |
| Puri | FW | ONC | PIS | Small tools and implements | | | | | | | | | |
| Puri | FW | ONC | PIS | Production of livestock feed and fodder | | | | | | | | | |
| Puri | FW | ONC | PIS | Production of Fish feed | | | | | | | | | |
| Puri | FW | ONC | CBD | Leadership development | | | | | | | | | |
| Puri | FW | ONC | CBD | Group dynamics | | | | | | | | | |
| Puri | FW | ONC | CBD | Formation and Management of SHGs | | | | | | | | | |
| Puri | FW | ONC | CBD | Mobilization of social capital | | | | | | | | | |
| Puri | FW | ONC | CBD | Entrepreneurial development of farmers/youths | | | | | | | | | |
| Puri | FW | ONC | CBD | WTO and IPR issues | | | | | | | | | |

| Name of KVK | Category | Training Type | Theme code | Sub-theme | No. of Courses (Targeted) | No. of Courses (Achieved) | Duration (Days) | Participants | | | | | |
|-------------|----------|---------------|------------|---|---------------------------|---------------------------|-----------------|--------------|----|----|----|--------|----|
| | | | | | | | | SC | | ST | | Others | |
| | | | | | | | | M | F | M | F | M | F |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| Puri | FW | ONC | AGF | Production technologies | | | | | | | | | |
| Puri | FW | ONC | AGF | Nursery management | | | | | | | | | |
| Puri | FW | ONC | AGF | Integrated Farming Systems | | | | | | | | | |
| Puri | FW | ONC | OTH | Others (Use of improved implement) | | | | | | | | | |
| Puri | FW | ONC | OTH | Others (Please specify) | | | | | | | | | |
| Puri | RY | ONC | RYH | Mushroom Production | | | | | | | | | |
| Puri | RY | ONC | RYH | Bee-keeping | | | | | | | | | |
| Puri | RY | ONC | RYH | Integrated farming | | | | | | | | | |
| Puri | RY | ONC | RYH | Seed production | | | | | | | | | |
| Puri | RY | ONC | RYH | Production of organic inputs | | | | | | | | | |
| Puri | RY | ONC | RYH | Integrated Farming | | | | | | | | | |
| Puri | RY | ONC | RYH | Planting material production | | | | | | | | | |
| Puri | RY | ONC | RYH | Vermi-culture | | | | | | | | | |
| Puri | RY | ONC | RYH | Sericulture | | | | | | | | | |
| Puri | RY | ONC | RYH | Protected cultivation of vegetable crops | | | | | | | | | |
| Puri | RY | ONC | RYH | Commercial fruit production | | | | | | | | | |
| Puri | RY | ONC | RYH | Repair and maintenance of farm machinery and implements | | | | | | | | | |
| Puri | RY | ONC | RYH | Nursery Management of Horticulture crops | | | | | | | | | |
| Puri | RY | ONC | RYH | Training and pruning of orchards | | | | | | | | | |
| Puri | RY | ONC | RYH | Value addition | 2 | 2 | 2 | 11 | 9 | | | | 14 |
| Puri | RY | ONC | RYH | Production of quality animal products | | | | | | | | | |
| Puri | RY | ONC | RYH | Dairying | | | | | | | | | |
| Puri | RY | ONC | RYH | Sheep and goat rearing | | | | | | | | | |
| Puri | RY | ONC | RYH | Quail farming | | | | | | | | | |
| Puri | RY | ONC | RYH | Piggery | | | | | | | | | |
| Puri | RY | ONC | RYH | Rabbit farming | | | | | | | | | |
| Puri | RY | ONC | RYH | Poultry production | | | | | | | | | |
| Puri | RY | ONC | RYH | Ornamental fisheries | | | | | | | | | |
| Puri | RY | ONC | RYH | Para vets | | | | | | | | | |
| Puri | RY | ONC | RYH | Para extension workers | | | | | | | | | |
| Puri | RY | ONC | RYH | Composite fish culture | | | | | | | | | |
| Puri | RY | ONC | RYH | Freshwater prawn culture | | | | | | | | | |
| Puri | RY | ONC | RYH | Shrimp farming | | | | | | | | | |
| Puri | RY | ONC | RYH | Pearl culture | | | | | | | | | |

| Name of KVK | Category | Training Type | Theme code | Sub-theme | No. of Courses (Targeted) | No. of Courses (Achieved) | Duration (Days) | Participants | | | | | |
|-------------|----------|---------------|------------|---|---------------------------|---------------------------|-----------------|--------------|----|----|----|--------|----|
| | | | | | | | | SC | | ST | | Others | |
| | | | | | | | | M | F | M | F | M | F |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| Puri | RY | ONC | RYH | Cold water fisheries | | | | | | | | | |
| Puri | RY | ONC | RYH | Fish harvest and processing technology | | | | | | | | | |
| Puri | RY | ONC | RYH | Fry and fingerling rearing | | | | | | | | | |
| Puri | RY | ONC | RYH | Small scale processing | | | | | | | | | |
| Puri | RY | ONC | RYH | Post Harvest Technology | | | | | | | | | |
| Puri | RY | ONC | RYH | Tailoring and Stitching | | | | | | | | | |
| Puri | RY | ONC | RYH | Rural Crafts | | | | | | | | | |
| Puri | RY | ONC | RYH | Others (Irrigation System) | | | | | | | | | |
| Puri | RY | ONC | RYH | Others (Flower Production) | | | | | | | | | |
| Puri | RY | ONC | RYH | Others (Please specify) | | | | | | | | | |
| Puri | IS | ONC | EXP | Productivity enhancement in field crops | | | | | | | | | |
| Puri | IS | ONC | EXP | Integrated Pest Management | | | | | | | | | |
| Puri | IS | ONC | EXP | Integrated Nutrient management | | | | | | | | | |
| Puri | IS | ONC | EXP | Rejuvenation of old orchards | | | | | | | | | |
| Puri | IS | ONC | EXP | Protected cultivation technology | | | | | | | | | |
| Puri | IS | ONC | EXP | Formation and Management of SHGs | | | | | | | | | |
| Puri | IS | ONC | EXP | Group Dynamics and farmers organization | | | | | | | | | |
| Puri | IS | ONC | EXP | Information networking among farmers | | | | | | | | | |
| Puri | IS | ONC | EXP | Capacity building for ICT application | | | | | | | | | |
| Puri | IS | ONC | EXP | Care and maintenance of farm machinery and implements | | | | | | | | | |
| Puri | IS | ONC | EXP | WTO and IPR issues | | | | | | | | | |
| Puri | IS | ONC | EXP | Management in farm animals | 2 | 2 | 2 | 2 | | | | | 43 |
| Puri | IS | ONC | EXP | Livestock feed and fodder production | | | | | | | | | |
| Puri | IS | ONC | EXP | Household food security | | | | | | | | | |
| Puri | IS | ONC | EXP | Women and Child care | | | | | | | | | |
| Puri | IS | ONC | EXP | Low cost and nutrient efficient diet designing | | | | | | | | | |
| Puri | IS | ONC | EXP | Production and use of organic inputs | | | | | | | | | |
| Puri | IS | ONC | EXP | Gender mainstreaming through SHGs | | | | | | | | | |
| Puri | IS | ONC | EXP | Others (Water Conservation) | | | | | | | | | |
| Puri | IS | ONC | EXP | Others (Flower production) | | | | | | | | | |
| Puri | IS | ONC | EXP | Others (Please specify) | | | | | | | | | |
| Puri | IS | ONC | EXP | Others (Please specify) | | | | | | | | | |
| Puri | FW | OFC | CRP | Weed Management | 2 | 2 | 3 | | | | | | 45 |
| Puri | FW | OFC | CRP | Resource Conservation Technologies | | | | | | | | | |

| Name of KVK | Category | Training Type | Theme code | Sub-theme | No. of Courses (Targeted) | No. of Courses (Achieved) | Duration (Days) | Participants | | | | | |
|-------------|----------|---------------|------------|---|---------------------------|---------------------------|-----------------|--------------|----|----|----|--------|----|
| | | | | | | | | SC | | ST | | Others | |
| | | | | | | | | M | F | M | F | M | F |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| Puri | FW | OFC | CRP | Cropping Systems | | | | | | | | | |
| Puri | FW | OFC | CRP | Crop Diversification | | | | | | | | | |
| Puri | FW | OFC | CRP | Integrated Farming | | | | | | | | | |
| Puri | FW | OFC | CRP | Water management | | | | | | | | | |
| Puri | FW | OFC | CRP | Seed production | | | | | | | | | |
| Puri | FW | OFC | CRP | Nursery management | 1 | 1 | 1 | | | | | | 15 |
| Puri | FW | OFC | CRP | Integrated Crop Management | 3 | 3 | 3 | 4 | | | 46 | 3 | |
| Puri | FW | OFC | CRP | Fodder production | | | | | | | | | |
| Puri | FW | OFC | CRP | Production of organic inputs | 4 | 4 | 4 | 19 | 10 | | | | 56 |
| Puri | FW | OFC | HOV | Production of low volume and high value crops | | | | | | | | | |
| Puri | FW | OFC | HOV | Off-season vegetables | | | | | | | | | |
| Puri | FW | OFC | HOV | Nursery raising | 2 | 2 | 2 | 2 | | | 29 | 24 | |
| Puri | FW | OFC | HOV | Exotic vegetables like Broccoli | | | | | | | | | |
| Puri | FW | OFC | HOV | Export potential vegetables | 2 | 2 | 2 | 1 | | | 49 | 2 | |
| Puri | FW | OFC | HOV | Grading and standardization | | | | | | | | | |
| Puri | FW | OFC | HOV | Protective cultivation (Green Houses, Shade Net etc.) | | | | | | | | | |
| Puri | FW | OFC | HOF | Training and Pruning | | | | | | | | | |
| Puri | FW | OFC | HOF | Layout and Management of Orchards | | | | | | | | | |
| Puri | FW | OFC | HOF | Cultivation of Fruit | | | | | | | | | |
| Puri | FW | OFC | HOF | Management of young plants/orchards | | | | | | | | | |
| Puri | FW | OFC | HOF | Rejuvenation of old orchards | | | | | | | | | |
| Puri | FW | OFC | HOF | Export potential fruits | 1 | 1 | 1 | | | | | | 20 |
| Puri | FW | OFC | HOF | Micro irrigation systems of orchards | | | | | | | | | |
| Puri | FW | OFC | HOF | Plant propagation techniques | 1 | 1 | 1 | 1 | | | | | 24 |
| Puri | FW | OFC | HOO | Nursery Management | 1 | 1 | 1 | 1 | | | | | 24 |
| Puri | FW | OFC | HOO | Management of potted plants | | | | | | | | | |
| Puri | FW | OFC | HOO | Export potential of ornamental plants | | | | | | | | | |
| Puri | FW | OFC | HOO | Propagation techniques of Ornamental Plants | | | | | | | | | |
| Puri | FW | OFC | HOP | Production and Management technology | | | | | | | | | |
| Puri | FW | OFC | HOP | Processing and value addition | | | | | | | | | |
| Puri | FW | OFC | HOT | Production and Management technology | 1 | 1 | 1 | 1 | | | | | 19 |
| Puri | FW | OFC | HOT | Processing and value addition | | | | | | | | | |
| Puri | FW | OFC | HOS | Production and Management technology | 1 | 1 | 1 | | | | | | 15 |
| Puri | FW | OFC | HOS | Processing and value addition | | | | | | | | | 5 |

| Name of KVK | Category | Training Type | Theme code | Sub-theme | No. of Courses (Targeted) | No. of Courses (Achieved) | Duration (Days) | Participants | | | | | |
|-------------|----------|---------------|------------|--|---------------------------|---------------------------|-----------------|--------------|----|----|----|--------|------|
| | | | | | | | | SC | | ST | | Others | |
| | | | | | | | | M | F | M | F | M | F |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| Puri | FW | OFC | HOM | Nursery management | | | | | | | | | |
| Puri | FW | OFC | HOM | Production and management technology | | | | | | | | | |
| Puri | FW | OFC | HOM | Post harvest technology and value addition | | | | | | | | | |
| Puri | FW | OFC | SFM | Soil fertility management | 2 | 2 | 2 | 4 | | | | | 46 |
| Puri | FW | OFC | SFM | Soil and Water Conservation | | | | | | | | | |
| Puri | FW | OFC | SFM | Integrated Nutrient Management | 3 | 3 | 3 | 23 | | | | | 67 |
| Puri | FW | OFC | SFM | Production and use of organic inputs | | | | | | | | | |
| Puri | FW | OFC | SFM | Management of Problematic soils | | | | | | | | | |
| Puri | FW | OFC | SFM | Micro nutrient deficiency in crops | | | | | | | | | |
| Puri | FW | OFC | SFM | Nutrient Use Efficiency | | | | | | | | | |
| Puri | FW | OFC | SFM | Soil and Water Testing | 3 | 3 | 3 | 4 | | | | | 56 5 |
| Puri | FW | OFC | LPM | Dairy Management | | | | | | | | | |
| Puri | FW | OFC | LPM | Poultry Management | | | | | | | | | |
| Puri | FW | OFC | LPM | Piggery Management | | | | | | | | | |
| Puri | FW | OFC | LPM | Rabbit Management | | | | | | | | | |
| Puri | FW | OFC | LPM | Disease Management | | | | | | | | | |
| Puri | FW | OFC | LPM | Feed management | | | | | | | | | |
| Puri | FW | OFC | WOE | Household food security by kitchen gardening and nutrition gardening | 1 | 1 | 1 | | | | | | 25 |
| Puri | FW | OFC | WOE | Design and development of low/minimum cost diet | | | | | | | | | |
| Puri | FW | OFC | WOE | Designing and development for high nutrient efficiency diet | | | | | | | | | |
| Puri | FW | OFC | WOE | Minimization of nutrient loss in processing | | | | | | | | | |
| Puri | FW | OFC | WOE | Gender mainstreaming through SHGs | | | | | | | | | |
| Puri | FW | OFC | WOE | Storage loss minimization techniques | 1 | 1 | 1 | | | | | | 25 |
| Puri | FW | OFC | WOE | Value addition | | | | | | | | | |
| Puri | FW | OFC | WOE | Income generation activities for empowerment of rural Women | 1 | 1 | 2 | | | | | | 35 |
| Puri | FW | OFC | WOE | Location specific drudgery reduction technologies | 1 | 1 | 1 | | | | | | 25 |
| Puri | FW | OFC | WOE | Rural Crafts | | | | | | | | | |
| Puri | FW | OFC | WOE | Women and child care | | | | | | | | | |
| Puri | FW | OFC | AEG | Installation and maintenance of micro irrigation systems | | | | | | | | | |
| Puri | FW | OFC | AEG | Use of Plastics in farming practices | | | | | | | | | |
| Puri | FW | OFC | AEG | Production of small tools and implements | 2 | 2 | 2 | 1 | 25 | | | | 18 6 |
| Puri | FW | OFC | AEG | Repair and maintenance of farm machinery and implements | 1 | 1 | 1 | | | | | | 23 2 |

| Name of KVK | Category | Training Type | Theme code | Sub-theme | No. of Courses (Targeted) | No. of Courses (Achieved) | Duration (Days) | Participants | | | | | |
|-------------|----------|---------------|------------|---|---------------------------|---------------------------|-----------------|--------------|----|----|----|--------|-------|
| | | | | | | | | SC | | ST | | Others | |
| | | | | | | | | M | F | M | F | M | F |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| Puri | FW | OFC | AEG | Small scale processing and value addition | | | | | | | | | |
| Puri | FW | OFC | AEG | Post Harvest Technology | | | | | | | | | |
| Puri | FW | OFC | PLP | Integrated Pest Management | 4 | 4 | 4 | 3 | | | | | 82 |
| Puri | FW | OFC | PLP | Integrated Disease Management | 1 | 1 | 1 | 1 | | | | | 19 |
| Puri | FW | OFC | PLP | Bio-control of pests and diseases | 2 | 2 | 2 | 2 | | | | | 70 3 |
| Puri | FW | OFC | PLP | Production of bio control agents and bio pesticides | | | | | | | | | |
| Puri | FW | OFC | FIS | Integrated fish farming | 2 | 2 | 2 | 8 | | | | | 48 |
| Puri | FW | OFC | FIS | Carp breeding and hatchery management | | | | | | | | | |
| Puri | FW | OFC | FIS | Carp fry and fingerling rearing | | | | | | | | | |
| Puri | FW | OFC | FIS | Composite fish culture | 4 | 4 | 4 | 23 | | | | | 79 |
| Puri | FW | OFC | FIS | Hatchery management and culture of freshwater prawn | | | | | | | | | |
| Puri | FW | OFC | FIS | Breeding and culture of ornamental fishes | | | | | | | | | |
| Puri | FW | OFC | FIS | Portable plastic carp hatchery | | | | | | | | | |
| Puri | FW | OFC | FIS | Pen culture of fish and prawn | | | | | | | | | |
| Puri | FW | OFC | FIS | Shrimp farming | 1 | 1 | 2 | 8 | | | | | 17 |
| Puri | FW | OFC | FIS | Edible oyster farming | | | | | | | | | |
| Puri | FW | OFC | FIS | Pearl culture | | | | | | | | | |
| Puri | FW | OFC | FIS | Fish processing and value addition | 3 | 3 | 5 | 1 | | | | | 16 13 |
| Puri | FW | OFC | PIS | Seed Production | | | | | | | | | |
| Puri | FW | OFC | PIS | Planting material production | | | | | | | | | |
| Puri | FW | OFC | PIS | Bio-agents production | | | | | | | | | |
| Puri | FW | OFC | PIS | Bio-pesticides production | | | | | | | | | |
| Puri | FW | OFC | PIS | Bio-fertilizer production | | | | | | | | | |
| Puri | FW | OFC | PIS | Vermi-compost production | | | | | | | | | |
| Puri | FW | OFC | PIS | Organic manures production | | | | | | | | | |
| Puri | FW | OFC | PIS | Production of fry and fingerlings | | | | | | | | | |
| Puri | FW | OFC | PIS | Production of Bee-colonies and wax sheets | | | | | | | | | |
| Puri | FW | OFC | PIS | Small tools and implements | | | | | | | | | |
| Puri | FW | OFC | PIS | Production of livestock feed and fodder | | | | | | | | | |
| Puri | FW | OFC | PIS | Production of Fish feed | | | | | | | | | |
| Puri | FW | OFC | CBD | Leadership development | | | | | | | | | |
| Puri | FW | OFC | CBD | Group dynamics | | | | | | | | | |
| Puri | FW | OFC | CBD | Formation and Management of SHGs | 1 | 1 | 1 | | | | | | 2 30 |
| Puri | FW | OFC | CBD | Mobilization of social capital | | | | | | | | | |

| Name of KVK | Category | Training Type | Theme code | Sub-theme | No. of Courses (Targeted) | No. of Courses (Achieved) | Duration (Days) | Participants | | | | | |
|-------------|----------|---------------|------------|---|---------------------------|---------------------------|-----------------|--------------|----|----|----|--------|----|
| | | | | | | | | SC | | ST | | Others | |
| | | | | | | | | M | F | M | F | M | F |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| Puri | FW | OFC | CBD | Entrepreneurial development of farmers/youths | 1 | 1 | 1 | 3 | | | | 23 | 23 |
| Puri | FW | OFC | CBD | WTO and IPR issues | 1 | 1 | 1 | 2 | | | | 29 | 9 |
| Puri | FW | OFC | AGF | Production technologies | | | | | | | | | |
| Puri | FW | OFC | AGF | Nursery management | | | | | | | | | |
| Puri | FW | OFC | AGF | Integrated Farming Systems | | | | | | | | | |
| Puri | FW | OFC | OTH | Others (Goat Management) | | | | | | | | | |
| Puri | FW | OFC | AEG | Others (Use of improved implement) | | | | | | | | | |
| Puri | FW | OFC | AEG | Others (water recharging) | | | | | | | | | |
| Puri | FW | OFC | AEG | Others(Soil and Water Conservation) | | | | | | | | | |
| Puri | FW | OFC | OTH | Others Paddy straw mushroom cultivation | 2 | 2 | 2 | | | | | | 40 |
| Puri | RY | OFC | RYH | Mushroom Production | 1 | 1 | 2 | | | 3 | | | 29 |
| Puri | RY | OFC | RYH | Bee-keeping | 1 | 1 | 1 | 1 | | | | | 19 |
| Puri | RY | OFC | RYH | Integrated farming | 1 | 1 | 2 | 14 | | | | | 11 |
| Puri | RY | OFC | RYH | Seed production | | | | | | | | | |
| Puri | RY | OFC | RYH | Production of organic inputs | | | | | | | | | |
| Puri | RY | OFC | RYH | Integrated Farming | 2 | 2 | 2 | 12 | 10 | | | | 49 |
| Puri | RY | OFC | RYH | Planting material production | | | | | | | | | |
| Puri | RY | OFC | RYH | Vermi-culture | | | | | | | | | |
| Puri | RY | OFC | RYH | Sericulture | | | | | | | | | |
| Puri | RY | OFC | RYH | Protected cultivation of vegetable crops | | | | | | | | | |
| Puri | RY | OFC | RYH | Commercial fruit production | | | | | | | | | |
| Puri | RY | OFC | RYH | Repair and maintenance of farm machinery and implements | 1 | 1 | 1 | | | | | | 25 |
| Puri | RY | OFC | RYH | Nursery Management of Horticulture crops | 1 | 1 | 1 | | | | | | 25 |
| Puri | RY | OFC | RYH | Training and pruning of orchards | | | | | | | | | |
| Puri | RY | OFC | RYH | Value addition | | | | | | | | | |
| Puri | RY | OFC | RYH | Production of quality animal products | | | | | | | | | |
| Puri | RY | OFC | RYH | Dairying | | | | | | | | | |
| Puri | RY | OFC | RYH | Sheep and goat rearing | | | | | | | | | |
| Puri | RY | OFC | RYH | Quail farming | | | | | | | | | |
| Puri | RY | OFC | RYH | Piggery | | | | | | | | | |
| Puri | RY | OFC | RYH | Rabbit farming | | | | | | | | | |
| Puri | RY | OFC | RYH | Poultry production | | | | | | | | | |
| Puri | RY | OFC | RYH | Ornamental fisheries | | | | | | | | | |
| Puri | RY | OFC | RYH | Para vets | | | | | | | | | |

| Name of KVK | Category | Training Type | Theme code | Sub-theme | No. of Courses (Targeted) | No. of Courses (Achieved) | Duration (Days) | Participants | | | | | |
|-------------|----------|---------------|------------|--|---------------------------|---------------------------|-----------------|--------------|----|----|----|--------|------|
| | | | | | | | | SC | | ST | | Others | |
| | | | | | | | | M | F | M | F | M | F |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| Puri | RY | OFC | RYH | Para extension workers | | | | | | | | | |
| Puri | RY | OFC | RYH | Composite fish culture | | | | | | | | | |
| Puri | RY | OFC | RYH | Freshwater prawn culture | | | | | | | | | |
| Puri | RY | OFC | RYH | Shrimp farming | | | | | | | | | |
| Puri | RY | OFC | RYH | Pearl culture | | | | | | | | | |
| Puri | RY | OFC | RYH | Cold water fisheries | | | | | | | | | |
| Puri | RY | OFC | RYH | Fish harvest and processing technology | | | | | | | | | |
| Puri | RY | OFC | RYH | Fry and fingerling rearing | | | | | | | | | |
| Puri | RY | OFC | RYH | Small scale processing | 1 | 1 | 2 | | | | | | 25 |
| Puri | RY | OFC | RYH | Post Harvest Technology | | | | | | | | | |
| Puri | RY | OFC | RYH | Tailoring and Stitching | | | | | | | | | |
| Puri | RY | OFC | RYH | Rural Crafts | | | | | | | | | |
| Puri | RY | OFC | RYH | Others (Designing and development for high nutrient efficiency diet) | | | | | | | | | |
| Puri | IS | OFC | EXP | Productivity enhancement in field crops | 1 | 1 | 1 | | | | | | 18 7 |
| Puri | IS | OFC | EXP | Integrated Pest Management | 2 | 2 | 2 | 4 | | | | | 40 1 |
| Puri | IS | OFC | EXP | Integrated Nutrient management | | | | | | | | | |
| Puri | IS | OFC | EXP | Rejuvenation of old orchards | | | | | | | | | |
| Puri | IS | OFC | EXP | Protected cultivation technology | 1 | 1 | 1 | 3 | | | | | 26 |
| Puri | IS | OFC | EXP | Formation and Management of SHGs | | | | | | | | | |
| Puri | IS | OFC | EXP | Group Dynamics and farmers organization | 1 | 1 | 1 | 1 | | | | | 13 |
| Puri | IS | OFC | EXP | Information networking among farmers | 1 | 1 | 1 | 2 | | | | | 31 1 |
| Puri | IS | OFC | EXP | Capacity building for ICT application | | | | | | | | | |
| Puri | IS | OFC | EXP | Care and maintenance of farm machinery and implements | | | | | | | | | |
| Puri | IS | OFC | EXP | WTO and IPR issues | | | | | | | | | |
| Puri | IS | OFC | EXP | Management in farm animals | | | | | | | | | |
| Puri | IS | OFC | EXP | Livestock feed and fodder production | | | | | | | | | |
| Puri | IS | OFC | EXP | Household food security | 1 | 1 | 1 | | | | | | 30 |
| Puri | IS | OFC | EXP | Women and Child care | | | | | | | | | |
| Puri | IS | OFC | EXP | Low cost and nutrient efficient diet designing | | | | | | | | | |
| Puri | IS | OFC | EXP | Production and use of organic inputs | | | | | | | | | |
| Puri | IS | OFC | EXP | Gender mainstreaming through SHGs | | | | | | | | | |
| Puri | IS | OFC | EXP | Others (Please specify) | 1 | 1 | 2 | 7 | | | | | 18 |

Table 3.2. Details of Vocational training programmes for Rural Youth conducted by the KVKs

| Name of KVK | Training title | Crop / Enterprise | Identified Thrust Area | Duration of training (days) | Number of Beneficiaries | | | | | |
|-------------|-------------------------------------|---------------------|------------------------|-----------------------------|-------------------------|---|----|---|--------|----|
| | | | | | SC | | ST | | Others | |
| | | | | | M | F | M | F | M | F |
| Puri | Value addition to milk | Milk | Value addition | 5 | - | 1 | - | - | - | 9 |
| Puri | Preservation of fruits & vegetables | Fruits & vegetables | Value addition | 5 | - | - | - | - | - | 14 |

Table 3.3. Details of training programme conducted for livelihood security in rural areas by the KVKs : NIL

| Name of KVK | Training title | Self employed after training | | | Number of persons employed else where |
|-------------|----------------|------------------------------|-----------------|----------------------------|---------------------------------------|
| | | Type of units | Number of units | Number of persons employed | |
| Puri | | | | | |

Table 3.4. Sponsored Training Programmes

| Name of KVK | Title | Thematic area (as given in abbreviation table) | Sub-theme (as per column no 5 of Table T1) | Client (FW/ RY/ IS) | Dura-tion (days) | No. of courses | No. of Participants | | | | Sponsoring Agency | Fund received for training (Rs.) | | |
|-------------|--|--|--|---------------------|------------------|----------------|---------------------|----|----|---|-------------------|----------------------------------|--------|--|
| | | | | | | | Others | | SC | | | | | |
| | | | | | | | M | F | M | F | | | | |
| Puri | Scaling up of water productivity for agriculture on livelihood | Water management | - | FW | 7 | 28 | 31 | 14 | 1 | - | - | AICRP on Water management | 66,500 | |
| Puri | Gender sensitization in agriculture | gender mainstreaming through SHGs | - | FW & IS | 1 | 5 | 8 | 12 | - | - | - | OGRC, DEE, OUAT | - | |

4. Evaluation/Follow up & Impact of the training programmes conducted by the KVK (all types of trainings)

| Name of KVK | Title of the training | No. of trainees | Change in knowledge (Score) | | Change in Production (q/ha) | | Change in Income (Rs) | | Impact on | | |
|-------------|---|-----------------|-----------------------------|-------|-----------------------------|-------|-----------------------|--------|---|---------------------------------|---|
| | | | Before | After | Before | After | Before | After | 1. Area expanded (ha) | 2. No. of farmers adopted (no.) | 3. % change in knowledge, production & Income |
| KVK Puri | Training on mushroom cultivation | 25 | 25 | 80 | - | 1.2 | - | 4100 | 1. Area expanded up to 30 members of 3 SHGs | | |
| KVK Puri | Training on preservation of fruits and vegetables | 14 | 35 | 82 | 20 | 60 | 2500 | 9600 | Adoption (%): 90%, | | |
| KVK Puri | Management of stem borer in rice (F/FW) | 25 | 44 | 75 | 39 | 45 | 31,200 | 42,750 | 1. Area expanded (ha) - 57 2. No. of farmers adopted (no.) - 36 3. % change in knowledge, production & Income 70.4, 15.38, 37.01 respectively | | |

| | | | | | | | | | |
|----------|---|----|----|----|------------|------------|----------|----------|---|
| KVK Puri | IPM in Summer vegetables (IS) | 30 | 53 | 80 | 60 | 80 | 24,000 | 40,000 | 1. Area expanded (ha) - 53 2. No. of farmers adopted (no.) - 38 3. % change in knowledge, production & Income 50.94, 33.3, 66.6 respectively |
| KVK Puri | Cultivation of Honeybee (RY) | 20 | 47 | 73 | .05 | .12 | 750 | 2400 | 1. Area expanded (no) - 35 2. No. of farmers adopted (no.) - 14 3. % change in knowledge, production & Income 55.31, 140, 220 respectively |
| KVK Puri | SRI method of Rice cultivation (F/FW) | 25 | 40 | 75 | 45 | 60 | 36,000 | 57,000 | 1. Area expanded (ha) - 200 2. No. of farmers adopted (no.) - 80 3. % change in knowledge, production & Income 87.5, 33.3, 58.3 respectively |
| KVK Puri | Vermicompost(RY) | 25 | 36 | 70 | 1.0 | 2.5 | 300 | 1250 | 1. Area expanded (no) - 60 2. No. of farmers adopted (no.) - 80 3. % change in knowledge, production & Income 94.4, 150, 316 respectively |
| KVK Puri | INM in Rice (IS) | 13 | 40 | 90 | 42 | 50 | 33,600 | 47,500 | 1. Area expanded (ha) - 120 2. No. of farmers adopted (no.) - 300 3. % change in knowledge, production & Income 125, 19.04, 41.3 respectively |
| KVK Puri | Nursery bed preparation & management(F/FW) | 25 | 52 | 75 | 205 | 262 | 61,000 | 78,000 | 1. Area expanded (ha) - 5 2. No. of farmers adopted (no) - 20 3. % change in knowledge, production & Income 44, 27.8 16.39 respectively |
| KVK Puri | Production & management technology of tuber crops | 25 | 55 | 85 | 176.8 | 218.8 | 124040 | 166625 | 1. Area expanded (ha) - 7 2. No. of farmers adopted (no.) - 35 3. % change in knowledge, production & Income 54.5, 23.7, 34.3 respectively |
| KVK Puri | Export potential fruits (Banana) | 25 | 33 | 52 | 2200 bunch | 2500 bunch | 79500 | 146300 | 1. Area expanded (ha) - 5 3. No. of farmers adopted (no.) - 15 3. % change in knowledge, production & Income 57.5, 13.6, 84 respectively |
| KVK Puri | Nursery management of horticultural crops(RY) | 25 | 49 | 95 | 195 | 257 | 63,000 | 87,000 | 1. Area expanded (ha) - 12 4. No. of farmers adopted (no.) - 23 3. % change in knowledge, production & Income 93.8, 31.79 38.09 respectively |
| KVK Puri | Protected cultivation technology (IS) | 30 | 45 | 80 | 110 | 156 | 1,40,000 | 2,70,000 | 1. Area expanded (ha) - 5 2. No. of farmers adopted (no.) - 20 3. % change in knowledge, production & Income 77.77, 41.81 92.85 respectively |

NOTE: This exercise should be conducted by using/developing suitable well-structured questionnaire/ interview schedule implemented to the beneficiaries only.

5. EXTENSION ACTIVITIES

| Name of the KVK | Activity | No. of activities (Targeted) | No. of activities (Achieved) | Detail of Participants | | | | | | Remarks | | | |
|-----------------|--|------------------------------|------------------------------|------------------------|-----|-----------------|----|---------------------|---|-------------------------------|---|----------------|--|
| | | | | Farmers (Others) | | SC/ST (Farmers) | | Extension Officials | | | | | |
| | | | | M | F | M | F | M | F | Purpose | Topics | Crop Stages | |
| Puri | Field Day | 12 | 9 | 283 | 51 | 12 | - | 9 | - | performance study | Yield estimation | Harvesting | |
| Puri | Kisan Mela | 1 | 3 | 300 | 35 | 50 | 17 | 7 | - | Awareness | Latest technology | Rabi | |
| Puri | Kisan Ghosthi | 4 | 9 | 110 | 13 | 17 | 10 | - | - | Awareness | Latest technology | - | |
| Puri | Exhibition | 2 | 4 | MASS | | | | | | | | | |
| Puri | Film Show | 20 | 29 | 250 | 17 | 23 | 8 | 10 | 3 | seeing is believing | agricultural related activities | | |
| Puri | Method Demonstrations | - | - | - | - | - | - | - | - | | | | |
| Puri | Farmers Seminar | - | 2 | 25 | 4 | 2 | - | 3 | - | To in crease production | IPM in vegetable crops, water management in low lying areas | Growing stage, | |
| Puri | Workshop | - | 1 | 36 | 10 | 3 | 1 | 1 | - | Awareness | Latest tech. | Rabi | |
| Puri | Group meetings | 15 | 16 | 224 | 23 | 26 | 5 | - | - | | | | |
| Puri | Lectures delivered as resource persons | 4 | 16 | - | - | - | - | - | - | To increase knowledge | Agriculture and allied subjects | - | |
| Puri | Newspaper coverage | 5 | 9 | - | - | - | - | - | - | Awareness | SAC meeting, kisan mela, sponsored training, field day, tech. week celebration, | - | |
| Puri | Radio talks | 8 | 17 | - | - | - | - | - | - | Awareness | Agriculture and allied ralated | - | |
| Puri | TV talks | 3 | 1 | - | - | - | - | - | - | | | | |
| Puri | Popular articles | 4 | 9 | - | - | - | - | - | - | Awareness | Agrl,activities | | |
| Puri | Extension Literature | 8 | 5 | - | - | - | - | - | - | to gain knowledge | | | |
| Puri | Farm advisory Services | 30 | 17 | 12 | 3 | 2 | | | | To solve the problems | INM of crops, IPM of vegetables, mushroom, fishery , dairy etc. | | |
| Puri | Scientific visit to farmers field | 60 | 174 | 465 | 88 | 60 | 13 | 8 | - | Diagnostic etc. | Agril. and allied sectors | | |
| Puri | Farmers visit to KVK | 100 | 410 | 332 | 12 | 62 | 4 | - | - | to take advice | | | |
| Puri | Diagnostic visits | 60 | 219 | 515 | 136 | 67 | 35 | - | - | To reduce disease pest attack | - | - | |
| Puri | Exposure visits | 1 | 1 | 9 | - | 3 | - | - | - | to expose to a new techniques | Mushroom cultivation | Fruiting stage | |
| Puri | Ex-trainees Sammelan | 1 | 1 | 50 | - | - | - | - | - | - | - | - | |
| Puri | Soil health Camp | - | - | - | - | - | - | - | - | - | - | - | |
| Puri | Animal Health Camp | 1 | 2 | 79 | 9 | - | - | - | - | - | - | - | |
| Puri | Agri mobile clinic | - | - | - | - | - | - | - | - | - | - | - | |

| Name of the KVK | Activity | No. of activities (Targeted) | No. of activities (Achieved) | Detail of Participants | | | | | | Remarks | | |
|-----------------|------------------------------------|------------------------------|------------------------------|------------------------|----|-----------------|----|---------------------|---|-----------------------------------|--|-------------|
| | | | | Farmers (Others) | | SC/ST (Farmers) | | Extension Officials | | | | |
| | | | | M | F | M | F | M | F | Purpose | Topics | Crop Stages |
| Puri | Soil test campaigns | 2 | 2 | 26 | 8 | 6 | 2 | - | - | Awareness | Maintain soil to increase productivity | - |
| Puri | Farm Science Club conveners meet | 1 | 10 | 145 | - | 20 | - | 1 | 1 | To exchange of ideas and progress | | |
| Puri | Self Help Group conveners meetings | 1 | - | - | - | - | - | - | - | - | - | - |
| Puri | Mahila Mandals conveners meetings | 1 | - | - | - | - | - | - | - | - | - | - |
| Puri | Celebration of important days | 4 | 4 | 155 | 45 | 43 | 22 | - | - | Awareness | World Food Day, Women in Agriculture Day | kharif |

FORMAT 3- MISCELLANEOUS ACTIVITY

REPORTING PERIOD – 1st October, 2009 to 31st March, 2010

1 BIO PRODUCTS: NIL

| KVK Name | Major group/class | Product Name | Species | Quantity | | Value (Rs.) | Provided to No. of Farmers |
|----------|-------------------|--------------|---------|----------|------|-------------|----------------------------|
| | | | | No | (kg) | | |
| KVK Puri | BIOAGENTS | | | | | | |
| KVK Puri | BIOFERTILIZERS | | | | | | |
| KVK Puri | BIO PESTICIDES | | | | | | |

2 LIVESTOCK: NIL

| KVK of KVK | Category | Type | Breed | Quantity | | Value (Rs.) | Provided to No. of Farmers |
|------------|------------------|------|-------|----------|-----|-------------|----------------------------|
| | | | | (Nos) | Kgs | | |
| KVK Puri | Cattle | | | | | | |
| KVK Puri | Sheep and Goat | | | | | | |
| KVK Puri | Poultry | | | | | | |
| KVK Puri | Fisheries | | | | | | |
| KVK Puri | Others (Specify) | | | | | | |

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

(A) KVK News Letter ((,etc.)

| KVK Name | Date of start | Periodicity | Number of copies printed | Number of copies distributed |
|----------|---------------|-------------|--------------------------|------------------------------|
| Puri | December | Quarterly | 500 | 500 |
| Puri | March | Quarterly | 500 | Nil |

(B) Literature developed/published:

| KVK Name | Type | Title | Authors name | Number of copies |
|----------|------|-------|--------------|------------------|
| KVK Puri | | | | |

(C) Details of Electronic Media Produced: NIL

| KVK Name | Type of media (CD / VCD / DVD / Audio-Cassette) | Title of the programme | Number |
|----------|---|------------------------|--------|
| KVK Puri | | | |

4 Activities of Soil and Water Testing Laboratory

Status of establishment of Lab : **NIL**

Year of establishment : **NIL**

1. List of equipments purchased with amount :

| KVK Name | Name of the Equipment | Qty. | Cost |
|----------|-----------------------|------|-------|
| Puri | Soil testing kit box | 1 | 4,950 |

2. Details of samples analyzed so far: **NIL**

| KVK Name | Details | No. of Samples | No. of Farmers | No. of Villages | Amount realized |
|----------|-----------------|----------------|----------------|-----------------|-----------------|
| KVK Puri | Soil Samples | | | | |
| KVK Puri | Water Samples | | | | |
| KVK Puri | Plant Samples | | | | |
| KVK Puri | Petiole Samples | | | | |

5 Production and supply of Technological products

SEED AND PLANTING MATERIALS

| KVK Name | Major group/class | Crop | Variety | Type of produce (for Seed produced type hear SD; For Planting Material type here PM) | Quantity | Unit for quantity of produces (qtl for SD and Nos for PM) | Value (Rs.) | Provided to No. of Farmers |
|----------|-------------------|-----------------|-------------------------|---|----------|--|----------------|----------------------------------|
| KVK Puri | Cereals | | | | | | | |
| KVK Puri | Pulses | | | | | | | |
| KVK Puri | Pulses | | | | | | | |
| KVK Puri | Oilseeds | | | | | | | |
| KVK Puri | Fibers | | | | | | | |
| KVK Puri | Spices | | | | | | | |
| KVK Puri | Plantation crops | | | | | | | |
| KVK Puri | Floriculture | | | | | | | |
| KVK Puri | Forest species | | | | | | | |
| KVK Puri | Fruits | Moringa, Papaya | PKM-1, Madhu, Red laddy | PM | 62, 9035 | Nos | 4260 | 10 |
| KVK Puri | Ornamental crops | | | | | | | |
| KVK Puri | Vegetables | Chilli | Nilachal Agni | PM | 2000 | Nos | 800 | 4 |

| KVK Name | Major group/class | Crop | Variety | Type of produce (for Seed produced type hear SD; For Planting Material type here PM) | Quantity | Unit for quantity of produces (qtl for SD and Nos for PM) | Value (Rs.) | Provided to No. of Farmers |
|----------|-------------------|------|---------|---|----------|--|----------------|----------------------------------|
| KVK Puri | Others | | | | | | | |

SD – Seed; PM – Planting Material

6 Performance of instructional farm (Crops) including seed production: NIL

| KVK Name | Major group/class | Name of the crop | Date of sowing | Date of harvest | Area (ha) | Details of production | | | Amount (Rs.) | | Remarks |
|----------|---------------------------|---------------------|-------------------|--------------------|--------------|-----------------------|--------------------|------|-------------------|-----------------|---------|
| | | | | | | Variety | Type of Produce | Qty. | Cost of inputs | Gross income | |
| KVK Puri | Cereals | | | | | | | | | | |
| KVK Puri | Cereals | | | | | | | | | | |
| KVK Puri | Pulses | | | | | | | | | | |
| KVK Puri | Pulses | | | | | | | | | | |
| KVK Puri | Pulses | | | | | | | | | | |
| KVK Puri | Pulses | | | | | | | | | | |
| KVK Puri | Pulses | | | | | | | | | | |
| KVK Puri | Oilseeds | | | | | | | | | | |
| KVK Puri | Oilseeds | | | | | | | | | | |
| KVK Puri | Fibers | | | | | | | | | | |
| KVK Puri | Spices & Plantation crops | | | | | | | | | | |
| KVK Puri | Floriculture | | | | | | | | | | |
| KVK Puri | Fruits | | | | | | | | | | |
| KVK Puri | Vegetables | | | | | | | | | | |
| KVK Puri | Others (specify) | | | | | | | | | | |

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

| KVK Name | Name of the Product | Qty | Amount (Rs.) | | Remarks |
|----------|---------------------|-----|----------------|--------------|---------|
| | | | Cost of inputs | Gross income | |
| KVK Puri | Vermicompost | | | | |
| KVK Puri | Earth worm | | | | |

8 Performance of instructional farm (livestock and fisheries production) : NIL

| KVK Name | Name of the animal / bird / aquatics | Details of production | | | Amount (Rs.) | | Remarks |
|----------|--|-----------------------|-----------------|------|----------------|--------------|---------|
| | | Breed | Type of Produce | Qty. | Cost of inputs | Gross income | |
| KVK Puri | | | | | | | |

9 Rainwater Harvesting

Training programmes conducted by using Rainwater Harvesting Demonstration Unit :NIL

| Name of KVK | Date | Title of the training course | Client (PF/RY/EF) | No. of Courses | No. of Participants including SC/ST | | | No. of SC/ST Participants | | |
|-------------|------|------------------------------|-------------------|----------------|-------------------------------------|--------|-------|---------------------------|--------|-------|
| | | | | | Male | Female | Total | Male | Female | Total |
| KVK Puri | | | | | | | | | | |

10 Utilization of hostel facilities

Accommodation available (No. of beds) : NIL

| KVK Name | Months | Year | Title of the training course | Duration of training | No. of trainees stayed | Trainee days (days stayed) | Reason for short fall (if any) |
|----------|--------|------|------------------------------|----------------------|------------------------|----------------------------|--------------------------------|
| KVK Puri | | | | | | | |

11. Documentation of Innovative technologies at the district level

12. Some importance success stories and case studies

SUCCESS STORY- I

BANARAJA POULTRY BIRD - THE STRENGTH OF RURAL ENTREPRENEUR IN Puri DISTRICT

One Front Line Demonstration programme on rearing of dual purpose Banaraja poultry bird was conducted in the village Sundara of Astaranga block is 8 km away from the block head quarter. About 100 nos. of day old chicks were given to the farmer, Sri Pabitra Mohan Rout of this village during the period 2008-09. Vaccination was given to the chicks after 7 days and 14 days as preventive measures against diseases. Sanitary measures of the poultry house and feeding of birds were followed as per guidance of the KVK scientist. Sri Pabitra Mohan Rout could able to earn a net income of Rs. 6550/- by selling 100 nos. of birds (Male-2.3 kg. and Female- 2.1 kg. body weight each on an

average) within three months over an expenditure of Rs. 6500/- per 100 birds. He is now continuing this enterprise with rearing of 500 birds.

Other advanced farmers of that area have shown their keen interest after being convinced with the intervention during field Day of KVK.

Photographs of Banaraja poultry



SUCCESS STORY- II

POINTED GOURD CULTIVATION - A PROFITABLE OLERICULTURE IN Puri DISTRICT

Sri Kapila Behera of village Sundara, Astaranga block is an educated and dynamic young farmer. He has 0.08ha of irrigated upland which was underutilized. One OnFarm Testing on pointed gourd cultivation var.(Swarna Aloukik) was conducted in the field of Kapila Behera during 2008-09. About 400 female plants and 45 male plants were planted in the ratio of female: male (9:1) during the month of December. Field treatment was done with Neem oil cake @20 kg. / 0.8 ha of land initially. All relevant technical guidance was provided to him starting from planting materials treatment, land levelling and preparation, method of transplanting, soil test based recommended fertilizer application, use of planofix for enhancement of flowering @ 2.5 ml./ 10 ltr. of water, need based plant protection measures and controlled irrigation. Sri Behera could harvest a yield of 245q./ ha against 175q. / ha in farmer's practice within a period of 9 months with a net return of Rs. 24,300/-over an expenditure of Rs.5100/-from his 0.08 ha of land. Kapila Behera now has become an example for the fellow growers of the locality proving him a successful entrepreneur in the field of olericulture

Photo of pointed gourd var. SwarnaAloukik



Please do not change the format of tables.

Please write name of KVK in each row, Please do not use "Enter Key" in table. Use only "Arrow Key" or "Tab Key" or Mouse for moving in Table.

Please do not write unit or text in "Green Coloured cell". Write only numerical figures.

13. Well labeled Photographs for each activity of the KVK (Soft copies as well as hard copy- specially for all OFT along with the problem)

| | | |
|--|---|--|
|  |  |  |
| Technological Week Celebration | Celebration of World Food Day | Celebration of Women in Agriculture Day |
|  |  |  |
| 3rd SAC Meeting held on Dt-11.01.10 | Training Programme on increasing water use efficiency in crop production | Training Programme on Gender in Development |



Exhibition at DEE,OUAT,BBSR on 03.03.10

OFT on Assessment of Sulphur in management of mite in Marigold



Application of Boron in Cauliflower



Harvesting Stage of Cauliflower

OFT on Assessment of Boron application in Cauliflower



OFT on Assessment of wheel finger weeder in Okra



OFT on Assessment of Scented Rice Var. Nua Dhusra



Assessment of Performance of Groundnut Stripper



Panicle of Scented Rice Var. Nua Dhusra