

# **ANNUAL PROGRESS REPORT**

## **KVK PURI**

### **April 2015 to March 2016**

**GENERAL INFORMATION****1.1. Staff Position (as on date)****Summary of Staff position in KVKs on March, 2016**

| Name of KVK |                             | Sanctioned Posts        | PC (1)           |               | SMS (6)                    |             | PA (3)      |               | Admn. (6)  |          | Total |        |
|-------------|-----------------------------|-------------------------|------------------|---------------|----------------------------|-------------|-------------|---------------|------------|----------|-------|--------|
|             |                             |                         | Sanc.            | Filled        | Sanc.                      | Filled      | Sanc.       | Filled        | Sanc.      | Filled   | Sanc. | Filled |
| Puri        |                             | 16                      | 01               | 01            | 06                         | 06          | 03          | 03            | 06         | 06       | 16    | 16     |
| Name of KVK | Sanction post               | Name of the incumbent   | Discipline       | Higist degree | Subject of specilization   | Pay scale   | Present pay | Date of joing | Per./Temp. | Category |       |        |
| Puri        | Senior Scientist & Head     | Dr.Anil Kumar Swain     | Fishery Sc       | Ph.D          | Fishery Sc                 | 15600-39100 | 17040 +8000 | 31.08.12      | Temporary  | Others   |       |        |
| Puri        | Scientist Specialist1       | Dr. Anita Mohanty       | Horticulture     | Ph.D          | Horticulture.              | 15600-39100 | 23070+6000  | 13.08.14      | Temporary  | Others   |       |        |
| Puri        | Scientist Specialist2       | Sri Samarendra Barala   | Plant Protection | M.Sc(Ag.)     | Plant Protection           | 15600-39100 | 22220 +6000 | 19.01.11      | Temporary  | Others   |       |        |
| Puri        | Scientist Specialist3       | Mrs.Jyotirmayee Udgata  | Home Science     | M.Sc.(H.Sc)   | Family Resource management | 15600-39100 | 23070 +6000 | 20.6.16       | Temporary  | Others   |       |        |
| Puri        | Scientist Specialist4       | Dr.Sangram Paramguru    | Agril. Extn.     | Ph.D.         | Agril. Extn.               | 15600-39100 | 19050 +6000 | 1.5.11        | Temporary  | Others   |       |        |
| Puri        | Scientist Specialist5       | Dr.Sidhartha Ranabijuli | Animal Science   | M.V.Sc.       | Microbiology               | 15600-39100 | 17610 +6000 | 12.12.12      | Temporary  | Others   |       |        |
| Puri        | Scientist Specialist6       | Sri Sukumar Taria       | Agronomy         | M.Sc.         | Plant physiology           | 15600-39100 | 15600 +6000 | 15.06.2015    | Temporary  | SC       |       |        |
| Puri        | Programme Assistant         | Sri Pradipta Majhi      | Soil Sc.         | M.Sc(Ag.)     | Soil science               | 9300-34800  | 9710 +4200  | 28.12.15      | Temporary  | OBC      |       |        |
| Puri        | Farm Manager                | Mrs Neeva Mohapatra     | Plant physiology | M.Sc.         | Plant physiology           | 9300-34800  | 9300 +4200  | 29.12.15      | Temporary  | Others   |       |        |
| Puri        | Computer Programmer         | Mrs Puspanjali Mishra   | Computer         | B Level       | Information Technology     | 9300-34800  | 13980 +4200 | 17.08.15      | Temporary  | Others   |       |        |
| Puri        | Accountant / superintendent | Sri Prasanta Sahoo      | -                | B.A           | -                          | 9300-34800  | 17480 +4600 | 27.08.15      | Temporary  | Others   |       |        |
| Puri        | Stenographer                | Sri Bibhuprasad Dash    | -                | B.A.          | Stenography                | 5200-20200  | 7560 +2400  | 1.8.12        | Temporary  | Others   |       |        |
| Puri        | Driver                      | Sri Nirakar Pradhan     |                  |               |                            | 5200-20200  | 7130 +1900  | 1.09.15       | Temporary  | Others   |       |        |
| Puri        | Driver                      | Sri Khetrabasi Mohanty  |                  |               |                            | 5200-20200  | 7130 +1900  | 9.4.15        | Temporary  | Others   |       |        |
| Puri        | Supporting staff            | Sri Babaji Sethi        |                  |               |                            | 4440-7440   | 5600 +1300  | 7.8.08        | Temporary  | Others   |       |        |
| Puri        | Supporting staff            | Sri Brajabandhu Sahani  |                  |               |                            | 4440-7440   | 5600 +1300  | 8.8.08        | Temporary  | Others   |       |        |

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

| KVK Name | Agro-climatic zone                     | No . of Blocks | No. of Panchayats | Population | Literacy | SC and ST Population | No. of farmers | Average land holding |
|----------|--|----------------|-------------------|------------|----------|----------------------|----------------|----------------------|
| Puri     | East and South East Coastal Plain zone | 11             | 230               | 1697983    | 78.40%   | 310160               | 173739         | 0.11ha.              |

**1.3. 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     | Otarkera     | 2012             | Satyabadi  | 8 km              | 176        | 35   |
| Puri     | Nuasahi      | 2013             | Nimapara   | 30km              | 235        | 58   |
| Puri     | Barakera     | 2013             | Delanga    | 25km              | 350        | 86   |
| Puri     | Subarnapur   | 2013             | Gop        | 55km              | 385        | 98   |
| Puri     | Jasuapur     | 2013             | Pipli      | 10km              | 435        | 135  |

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

| KVK Name | THRUST AREA  |
|----------|--|
| Puri     | High yielding & Hybrid rice varieties for medium and low land situation        |
| Puri     | Cultivation of high yielding varieties of groundnut, black gram and green gram |
| Puri     | Commercial cultivation of coconut, banana, papaya, betel vine and vegetables   |
| Puri     | Mushroom cultivation   |
| Puri     | Integrated pest and disease management   |
| Puri     | Integrated fish farming and fish health management                             |
| Puri     | Artificial insemination of cows  |
| Puri     | Health management of dairy animals and small ruminants                         |
| Puri     | Profitable dairy and goatery, apiary   |
| Puri     | Commercial floriculture and organic farming                                    |
| Puri     | Farm mechanization for timely operation and save high Labour cost              |
| Puri     | Value addition to fruits, vegetables, milk and low cost marine fish and prawn  |
| Puri     | Profitable poultry and duckery   |
| Puri     | Fish seed production in small ponds  |
| Puri     | Fish production in low saline coastal zone                                     |
| Puri     | Aquatic weed infested pond   |
| Puri     | Inland Water Bodies for multiple production                                    |

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

| KVK Name | Problem identified | Methods of problem identification | Location Name |
|----------|--------------------|-----------------------------------|---------------|
|----------|--------------------|-----------------------------------|---------------|

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|      |  |  | <b>of Village &amp; Block</b> |
|------|--|--|-------------------------------|
| Puri | Low yield and net return due to indigenous variety                                     | Survey                                     | All Blocks                    |
| Puri | High Cost of production due to Indiscriminate use of fertilizer in Horticultural crops | Interactive discussion                     | All Blocks                    |
| Puri | Low income due to High pest and disease infestation in all type of crops               | Survey, Diagnostic filed visit,            | All Blocks                    |
| Puri | Little knowledge about high value and cash crop in vegetables                          | Group meeting, farmer interaction          | All Blocks                    |
| Puri | Low commercial cultivation of flower   | Group discussion, farmer interaction       | All Blocks                    |
| Puri | Less Commercial planting material production in vegetable                              | Survey, Diagnostic filed visit,            | All Blocks                    |
| Puri | Severe disease infestation in papaya field   | Diagnostic filed visit                     | All Blocks                    |
| Puri | Unutilized space in fruit orchard  | Survey                                     | All Blocks                    |
| Puri | Prevalence of disease in dairy animals   | Group discussion, farmer interaction       | All Blocks                    |
| Puri | Injudicious use of Anthelmintic for Endo parasite control                              | Diagnostic filed visit, Group discussion,  | All Blocks                    |
| Puri | High cost of feed in dairy animals   | Survey, Diagnostic filed visit             | All Blocks                    |
| Puri | Lack of awareness in fodder and azolla cultivation                                     | Survey                                     | All Blocks                    |
| Puri | Non availability of sufficient fish seed, stunted fingerlings                          | Survey, Group discussion, meeting          | All Blocks                    |
| Puri | Low fish production, less productivity from unit pond based farming system             | Diagnostic filed visit, farmer interaction | All Blocks                    |
| Puri | Less involvement of rural youth in income generation through fishery activities        | Group discussion, farmer interaction       | All Blocks                    |

## 2. On Farm Testing

### 2.1 Information about OFT

| KVK name | Year    | Season | Problem diagnose                                    | Title of OFT   | Category of technology (Assessment/Refinement) | Thematic Area                        | Crop/enterprise | Farming Situations | No. of trials | Results (q/ha)       |                      |                | Net Returns (Rs./ha) |                      |                              | Recommendations                  |
|----------|---------|--------|---|--|--|--------------------------------------|-----------------|--------------------|---------------|----------------------|----------------------|----------------|----------------------|----------------------|------------------------------|----------------------------------|
|          |         |        |   |  |  |                                      |                 |                    |               | FP (T <sub>1</sub> ) | RP (T <sub>2</sub> ) | T <sub>3</sub> | FP (T <sub>1</sub> ) | RP (T <sub>2</sub> ) | T <sub>3</sub>               |                                  |
| Puri     | 2015    | Kharif | Local variety yields low yield                      | Assessment of rice variety in low land condition   | Assessment                                     | Varietal evaluation                  | Paddy           | Low land           | 3             | 32                   | 35                   | 36<br>T4-41    | 1330<br>0            | 1546<br>5            | T3-1706<br>5<br>T4-2327<br>5 | CR- is better variety            |
| Puri     | 2015-16 | Rabi   | Low yield due to improper spacing maintenance       | Assessment of Mustard Var – G9   | Assessment                                     | Crop management (C)                  | Mustard         | Medium land        | 7             | 109                  | 89                   | -              | 1500<br>0            | 7000                 | -                            | Needs to refinement              |
| Puri     | 2015-16 | Rabi   | Low production from non compatibility crop sequence | Assessment of cropping system  | Assessment (ACZ)                               | Crop production (C)                  | Crop            | Medium land        | 5             |                      |                      |                |                      |                      |                              | On going                         |
| Puri     | 2015    | Kharif | Lack of regular and timely information              | Assessing the impact of Mobile enable information service for dissemination of scientific technology | Assessment                                     | Information communication technology | Enterprise      | -                  | 50            | 35%                  | 65%                  | -              | -                    | -                    | -                            | Timely use of mobile information |

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|      |         |        |  |  |            |                                |            |                       |    |            |            |     |        |        |        |  |
|------|---------|--------|--|--|------------|--------------------------------|------------|-----------------------|----|------------|------------|-----|--------|--------|--------|--|
|      |         |        |  | among the paddy growers  |            |                                |            |                       |    |            |            |     |        |        |        |  |
| Puri | 2015-16 | Rabi   | Low farmer share in consumer price   | Analysing the various steps and channels involved in the marketing of Mushroom | Assessment | Market led extension           | Enterprise | -                     | 30 | 1.5 kg/bed | 1.5 kg/bed | -   | -      | -      | -      | Keep updated with mobile information   |
| Puri | 2015-16 | Rabi   | Cultivation of Multiplier Onion  | Assessment of bulb onion production  | Assessment | Varietal evaluation            | Onion      | Irrigated Medium land | 7  | 190        | 230        | -   | 52300  | 78600  | -      | Profitable than the local multiplier onion                                       |
| Puri | 2015    | Kharif | High cost of production, low yield due to indiscriminate use of fertilizer | Assessment of INM in tissue culture Banana                                     | Assessment | Integrated nutrient management | Banana     | Irrigated Medium land | 7  | 41T        | 45T        | -   | 208000 | 235000 | -      | Recommended dose of fertilizer leads to high yield and reduce cost in fertilizer |
| Puri | 2015-16 | Rabi   | Low yield from local tomato  | Assessment of tomato production Var. Swarna Sampad                             | Assessment | Varietal evaluation            | Tomato     | Irrigated Medium      | 7  | 375q       | 580q       | -   | 52300  | 68500  | -      | High yield and resistant to wilt   |
| Puri | 2015-16 | Rabi   | No commercial cultivation of flower  | Assessment of white marigold production Var- Annualchrysanthemum               | Assessment | Management of flower           | Marigold   | Irrigated Medium      | 7  | 142q       | 163q       | -   | 35800  | 56400  | -      | High yield and profitable  |
| Puri | 2015-16 | Rabi   | Low yield due to severe blight disease infestation                         | Assessment of alternaria blight disease management in Ridgegourd               | Assessment | Integrated disease management  | Ridgegourd | Irrigated Medium land | 7  | 95         | 135        | 150 | 40,000 | 76,500 | 90,000 | Chemical Metirim is better than pyraclostrobin                                   |
| Puri | 2015-16 | Rabi   | Severe leaf  | Assessment of leaf minor   | Assessment | Integrated Pest                | Tomato     | Medium land           | 7  | 175        | 255        | 230 | 39000  | 84500  | 68000  | Combination of   |

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|      |         |        |  |   |            |                                     |            |  |    |             |               |     |       |         |       |  |  |  |
|------|---------|--------|--|---|------------|-------------------------------------|------------|--|----|-------------|---------------|-----|-------|---------|-------|--|--|--|
|      |         |        | minor infestation on possess defoliation and death of plant  | management in tomato  |            | Management                          |            |  |    |             |               |     |       |         |       |  |  | Azadiractin with Trizophos gives better result         |
| Puri | 2015    | Summer | Stunted growth, yellowing of leafs and no flowers and fruits   | Assessment of YMV management in Okra                                    | Assessment | Integrated Pest Management          | Okra       | Medium land                              | 7  | 80          | 110           | 125 | 24000 | 52500   | 65000 |  |  | Diafenthiuron Is more effective in case of white flies |
| Puri | 2015-16 | Rabi   | Leaf defoliator (Spodoptera) damage the total field by eating all parts of the plant maximum in night time | Assessment of Leaf defoliator(Spodoptera) management in greengram       | Assessment | Integrated Pest Management          | Greengram  | Low land                                 | 13 | 6.2         | 8.2           | 8.6 | 11200 | 20200   | 21800 |  |  | IPM is effective                                       |
| Puri | 2015    | Kharif | Low milk production  | Assessment of bypass protein feeding on milk production of diary cattle | Assessment | Livestock production and management | Enterprise | Stall fed                                | 20 | 8.3 lit/day | 8.825 lit/day | -   | -     | 260/day | -     |  |  | Bypass protein feeding increases SNF of milk           |
| Puri | 2015-16 | Rabi-  | High endoparasite infestation in   | Assesment on efficacy of oxyclozanide and niclosamide                   | Assessment | Livestock production and management | Enterprise | Free ranging, administration of oxycloza | 5  | 2.764 kg    | 2.456kg       | -   | 583   | 497     | -     |  |  | Both the anthelmintis have same efficacy               |

|      |         |        |   |   |   |                                     |            |                      |    |                        |                        |      |         |             |         |  |  |
|------|---------|--------|---|---|---|-------------------------------------|------------|----------------------|----|------------------------|------------------------|------|---------|-------------|---------|--|--|
|      |         |        | small ruminants   | on endoparasite control of small ruminants                                |   |                                     |            | nide                 |    |                        |                        |      |         |             |         |  |  |
| Puri | 2015-16 | Rabi-  | Delayed puberty and irregular estrous cycle                                     | Assesment of trace mineral feeding on reproductive performance of Heifers | Assesment   | Livestock production and management | Enterprise | Stallfed             | 13 | -                      | -                      | -    | -       | 1850/animal | -       |  | Improves the breeding performance                                      |
| Puri | 2015    | Summer | Non availability of fish seed during summer season                              | Assessment of fish seed production with sprinkler                         | Assesment   | Seed production                     | Enterprise | Small low land ponds | 5  | 27lak h finger ling/ha | 31 lakh finger ling/ha |      | 2455 00 | 3764 00     |         |  | Sprinkler can control oxygen depletion and reduces temp. during summer |
| Puri | 2014    | Kharif | Low yield due to single harvest with Indian Major Carps, No intermediary income | Assessment the performance of new species in carp culture system          | Assesment (East and South Eastern Coastal Plain Zone) | Fisheries                           | Enterprise | Pond based           | 5  | 23.4                   | 28.9                   | 32.6 | 2340 00 | 2890 00     | 3260 00 |  | <i>P. gonionotus</i> size was more                                     |

2.2 Economic Performance

| KVK name | OFT Title | Parameters                 |                      |                      | Average Cost of cultivation (Rs/ha) |                      |  | Average Gross Return (Rs/ha) |                      |  | Average Net Return (Rs/ha) |                     |  | Benefit-Cost Ratio (Gross Return / Gross Cost) |                      |  |  |
|----------|-----------|----------------------------|----------------------|----------------------|-------------------------------------|----------------------|--|------------------------------|----------------------|--|----------------------------|---------------------|--|--|----------------------|--|--|
|          |           | Name and unit of Parameter | FP (T <sub>1</sub> ) | RP (T <sub>2</sub> ) | FP (T <sub>1</sub> )                | RP (T <sub>2</sub> ) | Refined Practice, if any (T <sub>3</sub> ) | FP (T <sub>1</sub> )         | RP (T <sub>2</sub> ) | Refined Practice, if any (T <sub>3</sub> ) | FP (T <sub>1</sub> )       | RP(T <sub>2</sub> ) | Refined Practice, if any (T <sub>3</sub> ) | FP (T <sub>1</sub> )                           | RP (T <sub>2</sub> ) | Refined Practice, if any (T <sub>3</sub> ) |  |
|          |           |                            |                      |                      |                                     |                      |  |                              |                      |  |                            |                     |  |  |                      |  |  |



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|      |  |                   |             |                        |            |            |                        |        |            |                        |        |        |                       |          |          |                      |
|------|--|-------------------|-------------|------------------------|------------|------------|------------------------|--------|------------|------------------------|--------|--------|-----------------------|----------|----------|----------------------|
| Puri | Assessment of rice variety in low land condition   |                   | 32          | 35<br>T3- 36<br>T4 -41 | 31500      | 33535      | 33335<br>T4 –<br>34125 | 44800  | 49000      | 50400<br>T4 –<br>57400 | 13300  | 15465  | 17065<br>T4-<br>23275 | 1.4<br>2 | 1.4<br>6 | 1.51<br>T4 –<br>1.68 |
| Puri | Assessment of Mustard Var G-9  |                   | 10          | 8                      | 25000      | 23000      | -                      | 40000  | 32000      | -                      | 15000  | 7000   | -                     | 1.6      | 1.2<br>8 | -                    |
| Puri | Assessment of cropping system  |                   | Ongoing     |                        |            |            |                        |        |            |                        |        |        |                       |          |          |                      |
| Puri | Assessing the impact of Mobile enable information service for dissemination of scientific technology among the paddy growers | Height Tiller     | 38          | 44.9                   | 35890      | 36740      | -                      | 53200  | 61600      | -                      | 17310  | 24860  | -                     | 1.4<br>8 | 1.6<br>7 | -                    |
| Puri | Analysing the various steps and channels involved in the marketing of Mushroom   | Kg/bed            | 1.5         | 1.5                    | 20/<br>bed | 20/be<br>d | -                      | 60/bed | 90/be<br>d | -                      | 40/bed | 70/bed | -                     | 3.0      | 4.5      | -                    |
| Puri | Assessment of bulb onion production  | Yield             |             |                        | 57200      | 59300      | -                      | 109500 | 137900     | -                      | 52300  | 78600  | -                     | 1.9<br>1 | 2.3<br>2 | -                    |
| Puri | Assessment of INM in tissue culture Banana   | Bunch/ha<br>Yield | 2000<br>41T | 2250<br>45T            | 228300     | 243000     | -                      | 436300 | 478000     | -                      | 208000 | 235000 | -                     | 1.8<br>9 | 1.9<br>6 | -                    |
| Puri | Assessment of tomato production Var. Swarna Sampad   | Yield             | 375         | 580                    | 52300      | 68500      | -                      | 93800  | 120400     | -                      | 31500  | 51900  | -                     | 1.7<br>1 | 2.0<br>5 | -                    |
| Puri | Assessment of white marigold production Var- Annualchrysan   | Yield             | 142         | 163                    | 48500      | 58100      | -                      | 84300  | 114500     | -                      | 35800  | 56400  | -                     | 1.7<br>3 | 1.9<br>7 | -                    |

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|      |   |                      |             |                |            |            |       |        |            |        |        |        |       |          |          |      |
|------|---|----------------------|-------------|----------------|------------|------------|-------|--------|------------|--------|--------|--------|-------|----------|----------|------|
|      | hemum   |                      |             |                |            |            |       |        |            |        |        |        |       |          |          |      |
| Puri | Assessment of alternaria blight disease management in Ridgegourd                                  | Yield                | 95          | 135<br>T3 -150 | 5500<br>0  | 5850<br>0  | 60000 | 95000  | 13500<br>0 | 150000 | 40000  | 76500  | 90000 | 1.7<br>3 | 2.3<br>0 | 2.50 |
| Puri | Assessment of leaf minor management in tomato   | Yield                | 175         | 255<br>T3 -230 | 6600<br>0  | 6850<br>0  | 70000 | 105000 | 15300<br>0 | 138000 | 39000  | 84500  | 68000 | 1.5<br>9 | 2.2<br>3 | 1.97 |
| Puri | Assessment of YMV management in Okra  | Yield                | 80          | 110<br>T3-125  | 5600<br>0  | 5750<br>0  | 60000 | 80000  | 11000<br>0 | 125000 | 24000  | 52500  | 65000 | 1.4<br>3 | 1.9<br>1 | 2.08 |
| Puri | Assessment of Leaf defoliator(Spodoptera) management in greengram                                 | Yield                | 6.2         | 8.2<br>T3- 8.6 | 1980<br>0  | 2080<br>0  | 21200 | 31000  | 41000      | 48000  | 11200  | 20200  | 21800 | 1.5<br>6 | 1.9<br>7 | 2.02 |
| Puri | Assessment of bypass protein feeding on milk production of diary cattle                           | Milk lit /day/animal | 8.3         | 8.825          | -          | 10.00      | --    | -      | 12.60      | -      | -      | 2.60   | -     | -        | 1.2<br>6 | -    |
| Puri | Assessment on efficacy of oxyclozanide and niclosamide on endoparasite control of small ruminants | Body weight gain     | 2.764<br>kg | 2.456kg        | 191        | 191        | -     | 773.92 | 687.6<br>8 | -      | 582.92 | 496.68 | -     | 4.0<br>5 | 3.6<br>0 | -    |
| Puri | Assessment of trace mineral feeding on reproductive performance of Heifers                        | Calf born            | 0           | 10             | -          | 1150       | -     | 0      | 3000       | -      | -      | 1850   | -     | -        | 2.6<br>0 | -    |
| Puri | Assessment of fish seed production with sprinkler   | Survivability(%)     | 36.2        | 41.5           | 2155<br>00 | 2558<br>00 |       | 461000 | 63220<br>0 |        | 245500 | 376400 |       | 2.1<br>3 | 2.4<br>7 |      |
| Puri | Assessment the  | Intercrop            | -           | 12             | 9360       | 1106       |       | 234000 | 28900      |        | 140400 | 178400 |       | 2.5      | 2.6      |      |

|  |   |        |  |  |   |    |  |   |   |  |  |  |  |  |   |  |
|--|---|--------|--|--|---|----|--|---|---|--|--|--|--|--|---|--|
|  | performance of new species in carp culture system | (q/ha) |  |  | 0 | 00 |  | 0 | 0 |  |  |  |  |  | 1 |  |
|--|---|--------|--|--|---|----|--|---|---|--|--|--|--|--|---|--|

2.3 Information about Home Science OFT:

| KVK Name | Year    | Season  | Problem diagnose  | Title of OFT  | Category of technology (Assessment/Refinement) | Thematic Area                | Details of Technology Selected for Assessment                                    | Characteristics of Technology / Variety / Product / Enterprise | Farming / Enterprise Situation | No. of trials | Recommendations  |
|----------|---------|---------|---|---|--|------------------------------|--|--|--------------------------------|---------------|--|
| Puri     | 2015    | Khariif | Scarcity of paddy straw bundles                           | Assessment of paddy straw mushroom cultivation using different substrates | Assessment                                     | Income generation activities | T1- Paddy straw bundles as substrates<br>T2 – Banana leaves as substrates        | Paddy straw mushroom<br>V.volvaceae                            | Homestead                      | 13            | Banana leaves are to be dried before use to avoid fast decomposition                       |
| Puri     | 2015-16 | Rabi    | Low yield of oyster mushroom per bed                      | Assessment of varietal performance of oyster mushroom (H.ulmarious)       | Assessment                                     | Income generation activities | T1- Cultivation of variety P.sajarkaju<br>T2 – Cultivation of variety H.ulmarous | P.sajarkaju<br><br>H.ulmarius                                  | Home stead                     | 7             | Sp.H.ulmarious is to be consumed in early stage as the fibre content is comparatively more |
| Puri     | 2015-16 | Rabi    | Poor knowledge on preparation practice of oyster mushroom | Assessment of value addition of oyster mushroom                           | Assessment                                     | Income generation activities | T1- Selling of fresh oyster mushroom<br>T2 – Selling of mushroom pickle          | Mushroom pickle  | Home stead                     | 13            | Once the sealing of the pickle bottle is opened it should be consumed within few months    |

2.4 Economic Performance Home Science OFT:

| KV<br>K<br>nam<br>e | OFT Title      | Performance Indicator / Parameter |    |                                 |    |               |    |                          |    |                          |    |                     |     |               |         |                    |         |              |    |            |         |               |           |
|---------------------|----------------|-----------------------------------|----|---------------------------------|----|---------------|----|--------------------------|----|--------------------------|----|---------------------|-----|---------------|---------|--------------------|---------|--------------|----|------------|---------|---------------|-----------|
|                     |                | Output m2/h                       |    | Est. Energy Expenditure kj/min. |    | WHR beat/m in |    | % reduction in drudger y |    | % increase in efficiency |    | Production per unit |     | Cost of input |         | Incremental income |         | Yield(Kg/ha) |    | Net Return |         | Savi ng in Rs | BC rati o |
|                     |                | T1                                | T2 | T1                              | T2 | T1            | T2 | T1                       | T2 | T1                       | T2 | T1                  | T2  | T1            | T2      | T1                 | T2      | T1           | T2 | T1         | T2      |               |           |
| Puri                | Assessme nt of | -                                 | -  | -                               | -  | -             | -  | -                        | -  | -                        | -  | 0.85                | 0.6 | 40/b ed       | 25/b ed | 85/b ed            | 60 /bed | -            | -  | 45/b ed    | 35/b ed | -             | T1 -2.1   |

|      |  |   |   |   |   |   |   |   |   |   |   |            |            |         |         |         |         |   |   |         |         |          |                     |
|------|--|---|---|---|---|---|---|---|---|---|---|------------|------------|---------|---------|---------|---------|---|---|---------|---------|----------|---------------------|
|      | paddy straw mushroom cultivation using different substrates        |   |   |   |   |   |   |   |   |   |   | ed         | ed         |         |         |         |         |   |   |         |         | T2 - 2.4 |                     |
| Puri | Assessment of varietal performance of oyster mushroom (H.ulmarius) | - | - | - | - | - | - | - | - | - | - | 1.2 kg/bed | 1.7 kg/bed | 30 /bed | 30 /bed | 60 /bed | 85 /bed | - | - | 30 /bed | 55 /bed | 25 /bed  | T1 -2.0<br>T2 - 2.8 |
| Puri | Assessment of value addition of oyster mushroom                    | - | - | - | - | - | - | - | - | - | - | -          | -          | 20/kg   | 70/kg   | 50/kg   | 200/kg  | - | - | 30/kg   | 80/kg   | 50/kg    | T1 -2.5<br>T2 - 2.8 |

**2.5 Feedback from KVK to Research System**

| Name of KVK | Feedback  |
|-------------|---|
| Puri        | Paddy var.CR-505 gave good yield than varieties sarala,varsha,durga in low land situation                 |
| Puri        | Mustard var.G-9 could not give better yield as compared to local var. manika                              |
| Puri        | Farmers are satisfied with timely information and keep themselves updated with modern technologies        |
| Puri        | Due to organized marketing farmers are getting more income from 1kg of mushroom                           |
| Puri        | Bulb onion production is more profitable than the local multiplier onion                                  |
| Puri        | Recommended dose of fertilizer leads to high yield and reduce cost of fertilizer in tissue culture banana |
| Puri        | Tomato variety Swarna Sampad gives high yield and is resistant to wilt                                    |
| Puri        | Marigold variety Annual Chrysanthemum gives higher yield and is more profitable                           |
| Puri        | Chemical Metirum is better than pyraclostrobin in alternaria blight disease management in ridge gourd     |
| Puri        | Combination of Azadiractin with Trizophos gives better result in leaf minor management in tomato          |
| Puri        | Diafenthuron Is more effective in case of white flies in Okra   |
| Puri        | Supplement feeding of dairy cattle during lactation improves milk quality and quantity                    |
| Puri        | Trace mineral feeding of heifers proved effective in reproductive performance                             |
| Puri        | Backyard poultry farming with proven breeds provide nutritional security and income generation            |
| Puri        | Azolla feeding reduced the feed cost of cattle  |
| Puri        | Waste banana leaves can be economically used for paddy straw mushroom cultivation by banana growers       |
| Puri        | H.ulmarius variety of oyster mushroom gives more yield and has longer shelf life                          |
| Puri        | Pickling avoids waste of left over mushroom and also fetches more money than fresh mushroom               |

|      |   |
|------|---|
| Puri | Sprinkler can control oxygen depletion and reduces temp. during summer in fish culture pond |
| Puri | <i>P. gonionotus</i> has faster growth rate and is compatible with other species            |

### 3. Achievements of Frontline Demonstrations

#### 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     | Groundnut        | Integrated crop management  | <b>Demonstration and package of practices in Groundnut</b><br>(Seed treatment with Bavistin, inoculation with Rhizobium, Gypsum @ 250 kg/ha, NPK as per test, pesticide as per need) | Training, Demonstration, Field day, Radio and TV programme          | 15                              | 20             | 22         |
| Puri     | Greengram        | Integrated crop management  | <b>Demonstration of package of practices in Greengram</b><br>(seed treatment, inoculation with Rhizobium, NPK as per soil test, pesticide as per need)                               | Training, Demonstration, Field day, Radio and TV programme          | 10                              | 30             | 20.5       |
| Puri     | Babycorn         | Varietal Evaluation         | <b>Demonstration of Babycorn Var-HM-4</b><br>(seed rate 25kg/ha, spacing 40 x 15 cm fertilization 120 : 60 :60, harvest at silking stage)  | Training, Demonstration, Field day, Radio and TV programme          | 8                               | 15             | 7          |
| Puri     | Sunflower        | Varietal Evaluation         | <b>Demonstration of sunflower variety MSFH-17</b><br>(with full package of practices)  | Training, Demonstration, Field day, Radio and TV programme          | 7                               | 12             | 40         |
| Puri     | Capsicum         | Varietal Evaluation         | <b>Demonstration of Capsicum Var-California wonder</b><br>( Seed rate 325g/ha, spacing 45-50x30 cm, NPK 50:75:75 kg/ha with standard package of practices)                           | Training, Demonstration, Field day, Radio and TV programme          | 6                               | 15             | 8          |
| Puri     | Tomato           | Off season crop production  | <b>Demonstration of Tomato variety PUSA Hybrid-I</b><br>(with recommended package of practices)  | Training, Demonstration, Field day, Radio and TV programme          | 9                               | 20             | 20         |
| Puri     | Broccoli         | High value crop cultivation | <b>Demonstration of Broccoli KT Selection-I</b><br>(with recommended package of practices)   | Training, Demonstration, Field day, Radio and TV programme          | 8                               | 15             | 5.5        |

| 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     | Potato, Radish   | Intercropping                       | <b>Demonstration of intercropping of Radish in Potato cultivation</b><br>(Planting ratio 1:2)   | Training, Demonstration, Field day, Radio and TV programme          | 8                               | 10             | 5.2        |
| Puri     | Apiary           | Profitable enterprise               | <b>Demonstration of Apiary</b>  | Training, Demonstration, Field day, Radio and TV programme          | 7                               | 12             | 15 unit    |
| Puri     | Greengram        | Integrated Disease Management       | <b>Demonstration of YVM Management in Greengram</b><br>(Seed treatment with Imidacloprid 70% WS @ 5gm/kg seeds, installation of yellow sticky trap @ 40nos/ha need based spraying of Acetamaprid @0.5 g/lit)  | Training, Demonstration, Field day, Radio and TV programme          | 9                               | 15             | 25         |
| Puri     | Groundnut        | Integrated Disease Management       | <b>Demonstration of Collar rot disease management in Groundnut</b><br>(Seed treatment with <i>Trichoderma viride</i> @ 4g/kg seeds, soil application of <i>T. viride</i> @ 25kg/ha and soil application of neem cake @ 2.5 q/ha and need based spraying of hexaconazol @ 2.5ml/lit) | Training, Demonstration, Field day, Radio and TV programme          | 15                              | 20             | 30         |
| Puri     | Betelvine        | Integrated Disease Management       | <b>Demonstration of foot rot disease management in Beetlevine</b><br>(Soil application with <i>T. viride</i> @ 10kg/ha and spraying of Thiophenate Methyl 1.5gm/lit)  | Training, Demonstration, Field day, Radio and TV programme          | 15                              | 20             | 4          |
| Puri     | Fish             | Varietal evaluation                 | <b>Introduction of Jayanti Rohu Fingerling</b><br>(Jayanti fingerling @2000/ha. and culture with other IMC)   | Training, Demonstration, Field day, Radio and TV programme          | 15                              | 40             | 15         |
| Puri     | Fish             | Production and management           | <b>Introduction of Stunted Fingerling for multiple production</b> (Stocking of stunted fingerling @5000/ha and feeding, manuring )  | Training, Demonstration, Field day, Radio and TV programme          | 20                              | 40             | 12         |
| Puri     | Fish             | Feeding and management              | <b>Introduction of floating feed in carp culture</b><br>(Floating type feed @2% of total biomass available in pond)   | Training, Demonstration, Field day, Radio and TV programme          | 18                              | 35             | 15         |
| Puri     | Azolla           | Livestock production and management | <b>Demonstration of Azolla culture for feed management in cattle</b> (Azolla culture in polythene pond, feeding of azolla @ 1.5-2kg/day)  | Training, Demonstration, Field day, Radio and TV programme          | 10                              | 30             | 50 unit    |

| 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     | Dairy                     | Livestock production and management | <b>Demonstration of mineral mixture +Amino acid + Probiotics on milk yield of CB cows</b> (Supplement feeding @ 20gm/ day) | Training, Demonstration, Field day, Radio and TV programme          | 12                              | 20             | 20 no      |
| Puri     | Poultry                   | Livestock production and management | <b>Demonstration of backyard poultry</b> (Day old chicks reared with feeding for 1 month and proper vaccination)           | Training, Demonstration, Field day, Radio and TV programme          | 15                              | 40             | 250 no     |
| Puri     | Vermicompost              | Organic manuring                    | Vermi composting using waste mushroom beds and FYM along with vermin ( <i>Eusenia foetida</i> ) 1kg/cubic meter            | Training, Demonstration, Field day, Radio and TV programme          | 10                              | 22             | 22 unit    |
| Puri     | Mushroom                  | IGA                                 | Paddy straw mushroom cultivation in Agro shade net in summer & Rainy season  | Training, Demonstration, Field day, Radio and TV programme          | 12                              | 23             | 23 unit    |
| Puri     | Drip irrigation in banana | Resource conservation               | Drip Irrigation in Banana, spacing of plant to plant, spacing in row   | Training, Demonstration, Field day, Radio and TV programme          | 12                              | 15             | 15 unit    |

**Note-**

\* Thematic area should be spelled correct and follow standard pattern i.e. Integrated Nutrient Management in place of INM or Inte. Nutrient Mngt. Etc.

\*Crop name should be spelled correct and standard English name should be i.e Chick pea in place of gram, Paddy in place of Rice , brinjal in place of egg plant etc.

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\*don't add space before or after statement within the table cell

**3.2 Details of FLDs implemented**

| KVK Name | year    | Season | Thematic area               | Technology demonstrated  | Name of Crop/ Enterprise | Name of Variety/Technology/Enterprises | Crop-Area (ha) / Entrep - No. | Results (q/ha)       |                      | % change | No. of farmers |    |        |         |       |
|----------|---------|--------|-----------------------------|--|--------------------------|--|-------------------------------|----------------------|----------------------|----------|----------------|----|--------|---------|-------|
|          |         |        |                             |  |                          |  |                               | FP (T <sub>1</sub> ) | RP (T <sub>2</sub> ) |          | SC             | ST | Others | General | Total |
| Puri     | 2015    | Kharif | Nutrient Management         | Demonstration on of Nitrogen management in Rice by Leaf colour Chart | Paddy                    | Ranidhan                               | 4                             | 30.6                 | 43.4                 | 41.83    | -              | -  | -      | 20      | 20    |
| Puri     | 2015    | Kharif | Varietal Evaluation         | Demonstration of paddy for water logging area var. Swarna Sub1       | Paddy                    | Swarna Sub1                            | 2                             | 36.2                 | 48.06                | 34.97    | -              | -  | -      | 12      | 12    |
| Puri     | 2015-16 | Rabi   | Integrated water management | Demonstration of alternative wetting and drying methodology in paddy | Paddy                    | Sahabhagidhan                          | 4                             | Continuing           |                      |          |                |    |        |         |       |



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|      |         |        |                                |   |           |                   |             |       |       |       |   |   |   |    |    |
|------|---------|--------|--------------------------------|---|-----------|-------------------|-------------|-------|-------|-------|---|---|---|----|----|
| Puri | 2015-16 | Rabi   | Integrated Crop management     | Demonstration on Groundnut cultivation (Seed treatment, inoculation with Rhizobium, Gypsum @ 250kg/ha)  | Groundnut | Devi              | 30 ha       | 15.5  | 20.0  | 29.03 | - | - | - | 75 | 75 |
| Puri | 2015-16 | Rabi   | Integrated Crop management     | Demonstration of Greengram (Seed treatment with Rhizobium)  | Greengram | TARM – 1          | 10 ha       | 5.6   | 7.8   | 39.28 | 5 | - | - | 15 | 20 |
| Puri | 2015    | Rabi   | High tech Horticulture         | Raising vegetable seedling in low cost polyhouse  | Vegetable | Enterprise        | 1000 Sq ft. | 25000 | 36000 | 44    | - | - | - | 10 | 10 |
| Puri | 2015    | Rabi   | Integrated Nutrient Management | Integrated nutrient management in Okra  | Okra      | Mahyco-10         | 0.4 ha      | 99    | 128   | 29    | - | - | 2 | 8  | 10 |
| Puri | 2015    | Rabi   | Crop production management     | Demonstration of capsicum cultivation variety californiawonder  | Capsicum  | California wonder | 0.4 ha      | 190   | 241   | 27    | - | - | 2 | 3  | 5  |
| Puri | 2015    | Rabi   | Crop production management     | Demonstration on Broccoli cultivation Var: Aishwarya  | Broccoli  | Aishwarya         | 0.4 ha      | 104   | 131   | 26    | 1 | - | 1 | 8  | 10 |
| Puri | 2015    | Kharif | Integrated Disease management  | Demonstration of Bacterial Leaf Blight disease management in paddy (Spraying of Kasugamycin 3% SL @ 2.5ml/lit with COC @ 3gm/lit at weekly interval)      | Paddy     | Pooja             | 2 ha        | 35.7  | 45.4  | 27%   | - | - | - | 10 | 10 |
| Puri | 2015    | Kharif | Integrated Disease management  | Demonstration on sigatoka disease management in banana (Alternate spraying of Bordeaux mixture 1% and Thiophenate methyl @ 1.5gm/lit at 10 days interval) | Banana    | Bantal            | 1ha         | 342.4 | 466.8 | 36    | - | - | - | 10 | 10 |

|      |         |        |                                     |  |         |                               |         |                  |                  |      |    |   |   |    |    |
|------|---------|--------|-------------------------------------|--|---------|-------------------------------|---------|------------------|------------------|------|----|---|---|----|----|
| Puri | 2015    | Kharif | Integrated Disease management       | Demonstration on IDM of wilt disease in tomato (Seed treatment with <i>T.viride</i> @ 4gm/kg seed, soil application of <i>T.viride</i> @ 10kg/ha & root drenching of streptomycin @ 0.1gm/lit and cymoxynil + Mancozeb @ 2.5gm/lit before flowering) | Tomato  | Chiranjibi                    | 0.5 ha  | 230              | 382              | 66   | -  | - | - | 5  | 5  |
| Puri | 2015-16 | Rabi   | Profitable enterprise               | Demonstration on apiary  | Bee     | <i>Apis cerena indica</i>     | 5 nos.  | Continuing       | -                | -    | -  | - | - | 5  | 5  |
| Puri | 2015-16 | Rabi   | Varietal evaluation                 | Demonstration of Jayanti Rohu Fingerling (Jayanti fingerling @2000/ha. and IMC)  | Fish    | Jayanti Rohu fingerling       | 2       | 23.5             | 25.9             | 10.2 | 2  | - | - | 21 | 23 |
| Puri | 2015-16 | Rabi   | Production management               | Pond based farming system with multiple production   | IFS     | Stunted fingerling            | 2       | 23.0             | 38.0             | 65.2 | 1  | - | - | 7  | 8  |
| Puri | 2015-16 | Rabi   | Weed management                     | Demonstration on biological control of aquatic weeds   | Fish    | Advanced fingerling           | 2       | 22.6             | 26.4             | 19.5 | 2  | - | - | 6  | 8  |
| Puri | 2015    | Kharif | Livestock production and management | Demonstration on Azolla culture for feed management in cattle (Azolla culture in polythene pond, feeding of azolla @ 1.5-2kg/day)  | Azolla  | Azolla                        | 20 unit | 8.825 lit/animal | 8.830 lit/animal | 25   | -  | - | - | 20 | 20 |
| Puri | 2015-16 | Rabi   | Livestock production and management | Demonstration on duck farming  | Duck    | Khaki Campbell, White peking  | 9 unit  | 1.4 kg/bird      | 2.1 kg/bird      | 50   | 4  | - | - | 5  | 9  |
| Puri | 2015-16 | Rabi   | Livestock production and management | Demonstration of backyard poultry (Day old chicks reared with feeding for 1 month and proper vaccination)  | Poultry | Poultry Var-Colour synthetics | 30 unit | 1.3 kg/bird      | 2.4 kg/bird      | 85   | 26 | - | - | 4  | 30 |

### 3.3 Economic Impact of FLD

| KVK Name | Technology demonstrated   | Name of Crop/ Enterprise | Parameters  |                      |                      | Cost of cultivation (Rs/ha) |                      | Gross Return (Rs/ha) |                      | Average Net Return (Rs/ha) |                      | Benefit-Cost Ratio (Gross Return / Gross Cost) |                      |
|----------|---|--------------------------|---|----------------------|----------------------|-----------------------------|----------------------|----------------------|----------------------|----------------------------|----------------------|--|----------------------|
|          |   |                          | Name and unit of Parameter                              | FP (T <sub>1</sub> ) | RP (T <sub>2</sub> ) | FP (T <sub>1</sub> )        | RP (T <sub>2</sub> ) | FP (T <sub>1</sub> ) | RP (T <sub>2</sub> ) | FP (T <sub>1</sub> )       | RP (T <sub>2</sub> ) | FP (T <sub>1</sub> )                           | RP (T <sub>2</sub> ) |
| Puri     | Demonstration on of Nitrogen management in Rice by Leaf colour Chart                                    | Paddy                    | No of tiller<br>Plant height(Cm)<br>No of time urea use | 15<br>103<br>3       | 20<br>88<br>2        | 32000                       | 32000                | 42840                | 60760                | 10840                      | 28760                | 1.33   | 1.89                 |
| Puri     | Demonstration of paddy for water logging area var. Swarna Sub1  | Paddy                    | Yield (q/ha)  | 36.2                 | 48.06                | 32864                       | 36828                | 50680                | 68404                | 17815                      | 31576                | 1.54   | 1.85                 |
| Puri     | Demonstration of alternative wetting and drying methodology in paddy                                    | Paddy                    | Continuing  |                      |                      |                             |                      |                      |                      |                            |                      |  |                      |
| Puri     | Demonstration on Groundnut cultivation ( Seed treatment, inoculation with Rhizobium, Gypsum @ 250kg/ha) | Groundnut                | No of pod/plant   | 15                   | 20                   | 35500                       | 40500                | 69750                | 90000                | 34250                      | 49500                | 1.96   | 2.22                 |
| Puri     | Demonstration of Greengram ( Seed treatment with Rhizobium)   | Greengram                | No of pod/plant   | 16                   | 20                   | 23421                       | 25381                | 33600                | 46800                | 10179                      | 21419                | 1.43   | 1.84                 |
| Puri     | Raising vegetable seedling in low cost polyhouse  | Vegetable                | No of seedling  | 25,000               | 36,000               | 14000                       | 15000                | 29000                | 42000                | 15000                      | 27000                | 1.8  | 2.8                  |
| Puri     | Integrated nutrient management in Okra  | Okra                     | Yield/ha  | 99                   | 128                  | 58900                       | 61400                | 106020               | 128000               | 47126                      | 66600                | 1.8  | 2.08                 |
| Puri     | Demonstration of capsicum cultivation variety califerniawonder  | Capsicum                 | Yield/ha  | 190                  | 241                  | 53200                       | 59300                | 117040               | 164900               | 63840                      | 105600               | 2.2  | 2.7                  |

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|      |   |          |                  |       |       |        |        |        |        |        |        |      |      |
|------|---|----------|------------------|-------|-------|--------|--------|--------|--------|--------|--------|------|------|
| Puri | Demonstration on Broccoli cultivation<br>Var: Aishwarya   | Broccoli | Yield/ha         | 104   | 131   | 58300  | 63700  | 121400 | 144100 | 63100  | 86800  | 2.08 | 2.05 |
| Puri | Demonstration of Bacterial Leaf Blight disease management in paddy<br>(Spraying of Kasugamycin 3% SL @ 2.5ml/lit with COC @ 3gm/lit at weekly interval)   | Paddy    | Yield/ha         | 35.7  | 45.4  | 38000  | 40000  | 46410  | 59020  | 8410   | 19020  | 1.22 | 1.47 |
| Puri | Demonstration on sigatoka disease management in banana<br>(Alternate spraying of Bordeaux mixture 1% and Thiophenate methyl @ 1.5gm/lit at 10 days interval)  | Banana   | Yield/ha         | 342.4 | 466.8 | 185000 | 195000 | 428000 | 588500 | 243000 | 388500 | 2.31 | 2.99 |
| Puri | Demonstration on IDM of wilt disease in tomato<br>(Seed treatment with <i>T.viride</i> @ 4gm/kg seed, soil application of <i>T.viride</i> @ 10kg/ha & root drenching of streptomycin @ 0.1gm/lit and cymoxynil + Mancozeb @ 2.5gm/lit before flowering) | Tomato   | Yield/ha         | 230   | 382   | 75000  | 85000  | 115000 | 191000 | 40000  | 106000 | 1.53 | 2.25 |
| Puri | Demonstration on apiary   | Bee      | Continuing       |       |       |        |        |        |        |        |        |      |      |
| Puri | Demonstration of Jayanti Rohu Fingerling<br>(Jayanti fingerling @ 2000/ha. and IMC)   | Fish     | Avg. body wt.(g) | 0.780 | 0.910 | 115400 | 116500 | 235000 | 259000 | 119600 | 142500 | 2.03 | 2.22 |

|      |   |         |                             |       |       |        |        |        |        |        |        |      |      |
|------|---|---------|-----------------------------|-------|-------|--------|--------|--------|--------|--------|--------|------|------|
| Puri | Pond based farming system with multiple production  | IFS     | Crop duration (month)       | 10    | 5     | 118300 | 195300 | 230000 | 380000 | 111700 | 184700 | 1.9  | 1.95 |
| Puri | Demonstration on biological control of aquatic weeds  | Fish    | Feed conversion ratio (FCR) | 1.2   | 2.1   | 114200 | 135500 | 226000 | 264000 | 111800 | 128500 | 1.97 | 1.94 |
| Puri | Demonstration on Azolla culture for feed management in cattle (Azolla culture in polythene pond, feeding of azolla @ 1.5-2kg/day) | Azolla  | Cost of feed                | 70.60 | 50.60 | 70.60  | 50.60  | 176.50 | 176.60 | 105.40 | 126.00 | 2.5  | 3.5  |
| Puri | Demonstration on duck farming   | Duck    | Body weight                 | 1.4kg | 2.1kg | 12800  | 10800  | 13440  | 22680  | 640    | 11880  | 1.05 | 2.1  |
| Puri | Demonstration of backyard poultry (Day old chicks reared with feeding for 1 month and proper vaccination)                         | Poultry | Body weight                 | 1.3kg | 2.4kg | 21600  | 21868  | 66560  | 111744 | 44960  | 89876  | 3.08 | 5.10 |

### 3.4 Information about Home Science FLDs

| KVK name | Year | Season | Thematic Area    | Problem Identified                     | Technology to be Demonstrated as Solution to the Identified Problem  | Crop/ Enterprise (In which crop Enterprise or Farming Activity) | Name of Variety/Technology/ Enterprises    | Farming Situation | Proposed area (ha)             | No. of Beneficiaries |
|----------|------|--------|------------------|--|--|---|--|-------------------|--------------------------------|----------------------|
| Puri     | 2015 | Kharif | Organic manuring | Poor utilization of waste mushroom bed | Vermicomposting using waste mushroom beds and cow dung along with vermi ( <i>Eisenia foetida</i> ) 1kg/cubic meter | Enterprise  | Vermi-composting using waste mushroom beds | Backyard          | 3.3<br>x0.6x1.21m <sub>3</sub> | 6                    |
| Puri     | 2015 | Kharif | Income           | Less                                   | Demonstration  | Crop  | Serakole                                   | Irrigated         | 0.4                            | 20                   |

|      |         |      |                       |   |   |            |  |                       |            |   |
|------|---------|------|-----------------------|---|---|------------|--|-----------------------|------------|---|
|      | -16     |      | generation            | income by SHGs from other enterprises                         | of marigold cultivation var. serakole for income generation                 |            |  | medium land           |            |   |
| Puri | 2015-16 | Rabi | Income generation     | Low yield of paddy straw mushroom in winter in open condition | Paddy straw mushroom cultivation in Agro shade net in summer & Rainy season | Enterprise | Mushroom cultivation in Agro shade net | Home stead            | 1200 sq ft | 6 |
| Puri | 2015    |      | Resource conservation | In flood irrigation loss of water and increased weed problem  | Drip Irrigation in Banana, spacing of plant to plant, spacing in row        | Crop       | Drip Irrigation in Banana              | Medium land irrigated | 1200sq m   | 3 |

**3.5 Economic Performance Home Science FLDs:**

| KV K name | Technology to be Demonstrated   | Performance Indicator / Parameter |    |                                 |    |               |    |                         |    |                          |    |                     |      |               |      |                    |       |              |                 |            |       |               |          |
|-----------|---|-----------------------------------|----|---------------------------------|----|---------------|----|-------------------------|----|--------------------------|----|---------------------|------|---------------|------|--------------------|-------|--------------|-----------------|------------|-------|---------------|----------|
|           |   | Output m2/h                       |    | Est. Energy Expenditure kj/min. |    | WHR beat/m in |    | % reduction in drudgery |    | % increase in efficiency |    | Production per unit |      | Cost of input |      | Incremental income |       | Yield(Kg/ha) |                 | Net Return |       | Savings in Rs | BC ratio |
|           |   | T1                                | T2 | T1                              | T2 | T1            | T2 | T1                      | T2 | T1                       | T2 | T1                  | T2   | T1            | T2   | T1                 | T2    | T1           | T2              |            |       |               |          |
| Puri      | Vermicomposting using waste mushroom beds (Vermicomposting using waste mushroom beds and FYM along with vermin 1kg/cubic meter) | -                                 | -  | -                               | -  | -             | -  | -                       | -  | -                        | -  | -                   | 30 q | -             | 3500 | -                  | 15000 | -            | 30 q/unit/annum | -          | 11500 | -             | 4.2      |

|      |   |            |   |   |   |   |   |   |   |   |   |           |           |       |       |        |        |           |           |        |        |        |      |
|------|---|------------|---|---|---|---|---|---|---|---|---|-----------|-----------|-------|-------|--------|--------|-----------|-----------|--------|--------|--------|------|
| Puri | Demonstration of marigold cultivation var. serakole for income generation   | -          | - | - | - | - | - | - | - | - | - | 55.2q/ha  | 78.75q/ha | 60000 | 65000 | 110400 | 157500 | 95q/ha    | 140q/ha   | 50400  | 92500  | 42100  | 2.42 |
| Puri | Mushroom cultivation in Agro shade net (Paddy straw mushroom cultivation in Agro shade net in summer & Rainy season ) | -          | - | - | - | - | - | - | - | - | - | 0.8kg/bed | 1.1kg/bed | 40/-  | 55/-  | 80     | 110    | 0.8kg/bed | 1.1kg/bed | 30/bed | 55/bed | 25/bed | 2.18 |
| Puri | Drip Irrigation in Banana (Drip Irrigation in banana orchard)   | Continuing |   |   |   |   |   |   |   |   |   |           |           |       |       |        |        |           |           |        |        |        |      |

### 3.6 Training and Extension activities proposed under FLD

| KVK Name | Crop                       | Activity                                 | No. of activities organized | Number of participants | Remarks   |
|----------|----------------------------|--|-----------------------------|------------------------|---|
| Puri     | Paddy                      | Training, field day and group discussion | 8                           | 152                    | Swarna Sub-1 varieties gave good yield in water logged area<br>Alternative drying and wetting method in paddy increased the irrigation efficiency, use of LCC decreased cost of cultivation |
| Puri     | Groundnut                  | Training, field day and group discussion | 2                           | 75                     | Groundnut Var-Devi gave more yield than local Variety, positive reaction from farmer to adopt the same and better digestibility and palatability of pods                                    |
| Puri     | Greengram                  | Training, field day and group discussion | 2                           | 45                     | Greengram Var-TARM-1 comparatively gave more yield than local variety and farmers convinced to adopt the same and saved their crop from YMV disease   |
| Puri     | Capsicum, tomato, broccoli | Training, field day and group discussion | 6                           | 180                    | High value crop production and utilization of inter space sensitized the farmers for better utilization of resources and more economic production   |

| KVK Name | Crop  | Activity                                 | No. of activities organized | Number of participants | Remarks   |
|----------|---|--|-----------------------------|------------------------|---|
| Puri     | Paddy   | Training, field day and group discussion | 8                           | 152                    | Swarna Sub-1 varieties gave good yield in water logged area<br>Alternative drying and wetting method in paddy increased the irrigation efficiency, use of LCC decreased cost of cultivation |
| Puri     | IDM, IPM, INM for different crops like okra, banana, tomato | Training, field day and group discussion | 3                           | 105                    | Use of bio agents promoted for the control of disease.  |
| Puri     | Jayanti rohu, stunted fingerlings                           | Training, field day and group discussion | 6                           | 250                    | Different fishery activities for increase in fish production  |
| Puri     | Azolla, backyard poultry, feed and fodder, duck farming     | Training, field day and group discussion | 5                           | 200                    | Feed and fodder awareness created, azolla farming, backyard poultry promoted  |
| Puri     | Mushroom  | Training, field day and group discussion | 2                           | 50                     | Mushroom in agro shade net increased production in summer and rainy season than open cultivation system   |
| Puri     | Apiary  | Training, field day and group discussion | 1                           | 25                     | Apiary proves to be a good income generating activity among women and youth   |
| Puri     | Drip irrigation, vermicompost                               | Training, field day and group discussion | 4                           | 150                    | Vermi composting is an effective way of economic utilization of farm waste<br>Drip irrigation in banana orchard increased irrigation efficiency with reduction of water wastage             |

### 3.7 Details of FLD on crop hybrids.

| S. No. | Name of the KVK | Name of the Crop | Name of the Hybrids | Source of Hybrid (Institute/Firm) | No. of farmers | Area in ha. |
|--------|-----------------|------------------|---------------------|-----------------------------------|----------------|-------------|
| 1      | Puri            | Capsicum         | California wonder   | OUAT                              | 10             | 0.4         |
| 2      | Puri            | Broccoli         | Aishwarya           | PUSA                              | 5              | 0.4         |



**4. Feedback System**

**4.1. Feedback of the Farmers to KVK**

| Name of KVK | Feedback  |   |   |                 |
|-------------|---|---|---|-----------------|
|             | Technology appropriations   | Methodology used  | Benefits of OFT/FLD                             | Future Adoption |
| Puri        | Effective for waterlogged situation   | Demonstration of full package of practice increased both knowledge and skill          | Var.CR-505 gave good result in low land area    | Yes             |
| Puri        | Mustard Var. G-9in System of Mustard Intensification  | Demonstration of full package of practice increased both knowledge and skill          | Yield is low than local variety Manika          | No              |
| Puri        | Mobile enable information service generated timely information among paddy grower                     | Voice SMSs, text SMSs are helpful in timely informations                              | 65% knowledge updating                          | Yes             |
| Puri        | Bulb size is comparatively large in bulb onion  | Demonstration of full package of practice increased both knowledge and skill          | Yield increased and fetched higher market price | Yes             |
| Puri        | INM in tissue culture Banana reduced fertilizer cost  | Training and demonstration increased the confidence level                             | Cost of cultivation reduced by 12 %             | Yes             |
| Puri        | Tomato Var. Swarna sampad has more shelf life and has thick peel thus has less transport loss         | Demonstration of full package of practice increased both knowledge and skill          | Good market demand and fetched more income      | Yes             |
| Puri        | white marigold Var-Annual chrysanthemum is a new variety  | Demonstration of full package of practice increased both knowledge and skill          | Good market demand                              | Yes             |
| Puri        | Chemical Metirum is better than pyraclostarbin in alternaria blight disease management in ridge gourd | Application of recommended dose of chemical reduce the disease incidence              | Net income increased                            | Yes             |
| Puri        | Combination of Azadiractin with Trizophos gives better result in leaf minor management in tomato      | Application of recommended dose of chemical reduce the disease incidence              | Net income increased                            | Yes             |
| Puri        | Diafenthuron Is more effective in case of white flies in Okra   | Application of recommended dose of chemical reduce the pest incidence                 | Yield increased                                 | Yes             |
| Puri        | Bypass protein feeding for good milk production of dairy cattle is an effective technology            | Demonstration of feed supplementation and training increased both knowledge and skill | Bypass protein feeding increases SNF of milk    | Yes             |
| Puri        | As Endoparasite in ruminants is a major problem this technology is very effective                     | Administration of anthelmintis  | Both the anthelmintis have same efficacy        | Yes             |
| Puri        | In the context of Heifer management this feeding practice is well accepted                            | Demonstration of feeding practice and training increased both knowledge and skill     | Improved the breeding performance               | Yes             |

| Name of KVK | Feedback  |  |  |                 |
|-------------|---|--|--|-----------------|
|             | Technology appropriations   | Methodology used   | Benefits of OFT/FLD  | Future Adoption |
| Puri        | In the context of increase in temperature and oxygen depletion in fish culture pond this is a proven technology | Demonstration of installation and working mechanism of sprinkler and training increased both knowledge and skill | Sprinkler can control oxygen depletion and reduces temp. during summer | Yes             |
| Puri        | The performance of <i>P. gonionotus</i> in carp culture system is well accepted                                 | Demonstration of full package of practice and training increased both knowledge and skill                        | <i>P. gonionotus</i> size was more                                     | Yes             |
| Puri        | Assessment of paddy straw mushroom cultivation using different substrates                                       | Demonstration of treatment of different substrates with spawning improved the knowledge and skill                | Paddy straw is the most appropriate substrate                          | No              |
| Puri        | Assessment of varietal performance of oyster mushroom ( <i>H.ulmarious</i> )                                    | Demonstration of full package of practice and training increased both knowledge and skill                        | Sp.H.ulmarious has higher yield but fibrous                            | Yes             |
| Puri        | Assessment of value addition of oyster mushroom   | Demonstration of pickling technique, preservative addition with bottling improved the skill                      | Pickling reduced wastage and fetched higher income                     | Yes             |
| Puri        | Demonstration on of Nitrogen management in Rice by Leaf colour Chart  | Method of use of LCC through training and demonstration  | Reduced fertilizer cost  | Yes             |
| Puri        | Demonstration of paddy for water logging area var. Swarna Sub1  | Demonstration of full package of practice and training increased both knowledge and skill                        | Var. Swarna sub-1 gave higher yield in water logged area               | Yes             |
| Puri        | Demonstration of alternative wetting and drying methodology in paddy  | Demonstration of installation and management of perforated pipe in the paddy field increased knowledge and skill | This method increased water efficiency                                 | Yes             |
| Puri        | Demonstration on Groundnut cultivation  | Demonstration of Seed treatment, inoculation with Rhizobium, Gypsum @ 250kg/ha increased knowledge and skill     | Yield increased  | Yes             |
| Puri        | Demonstration of Greengram var.TARM-1   | Seed treatment with Rhizobium with seed rate 8 kg/acre and scientific cultural practice                          | Yield increased  | Yes             |
| Puri        | Raising vegetable seedling in low cost polyhouse  | Demonstration of construction of low cost poly house and seed ling raising enhanced skill                        | Seedling can be raised in adverse climatic condition                   | Yes             |
| Puri        | Integrated nutrient management in Okra  | Demonstration of full package of practice and training increased both knowledge and skill                        | Reduction in fertilizer cost   | Yes             |
| Puri        | Demonstration of capsicum cultivation variety califerniawonder  | Demonstration of full package of practice and training increased both knowledge and skill                        | Yield increased up to 27 %, high market price and demand               | Yes             |
| Puri        | Demonstration on Broccoli cultivation Var: Aishwarya  | Demonstration of full package of practice and training increased both knowledge and skill                        | Yield increased up to 26 %, high market price and demand               | Yes             |

| Name of KVK | Feedback   |  |  |                 |
|-------------|--|--|--|-----------------|
|             | Technology appropriations  | Methodology used   | Benefits of OFT/FLD                                      | Future Adoption |
| Puri        | Demonstration of Bacterial Leaf Blight disease management in paddy (Spraying of Kasugamycin 3% SL @ 2.5ml/lit with COC @ 3gm/lit at weekly interval)   | Demonstration of full package of practice and training increased both knowledge and skill  | Disease incidence decreased                              | Yes             |
| Puri        | Demonstration on sigatoka disease management in banana (Alternate spraying of Bordeaux mixture 1% and Thiophenate methyl @ 1.5gm/lit at 10 days interval)  | Demonstration of full package of practice and training increased both knowledge and skill  | Disease incidence decreased                              | Yes             |
| Puri        | Demonstration on IDM of wilt disease in tomato (Seed treatment with <i>T. viride</i> @ 4gm/kg seed, soil application of <i>T. viride</i> @ 10kg/ha & root drenching of streptomycin @ 0.1gm/lit and cymoxynil + Mancozeb @ 2.5gm/lit before flowering) | Demonstration of full package of practice and training increased both knowledge and skill  | Disease incidence decreased                              | Yes             |
| Puri        | Demonstration of Jayanti Rohu Fingerling   | Demonstration of full package of practice and training increased both knowledge and skill  | Jayanti fingerling @ 2000/ha gave higher net income      | Yes             |
| Puri        | Pond based farming system with multiple production   | Resource and need based with utilization of residue  | Stunted fingerling can give multiple yield               | Yes             |
| Puri        | Demonstration on Azolla culture for feed management in cattle  | Azolla culture in polythene pond, feeding of azolla @ 1.5-2kg/day  | Azolla feeding reduced the feed cost                     | Yes             |
| Puri        | Demonstration on duck farming  | Rearing of duckling with commercial feed for one month   | Duck farming is a profitable enterprise                  | Yes             |
| Puri        | Demonstration of backyard poultry  | Day old chicks reared with feeding for 1 month and proper vaccination  | Backyard poultry is an alternative livelihood option     | Yes             |
| Puri        | Vermicomposting using waste mushroom beds and cow dung along with vermi ( <i>Eisenia foetida</i> ) 1kg/cubic meter   | Demonstration of vermicomposting with release of verm ( <i>Eisenia foetida</i> ) @ 1kg/cubic meter and training increased both knowledge and skill of farm women | Duration of composting reduced and fetched higher income | Yes             |
| Puri        | Demonstration of marigold cultivation var. serakole for income generation  | Demonstration of full package of practice and training increased both knowledge and skill  | It is a profitable enterprise for farm women             | Yes             |

| Name of KVK | Feedback  |   |  |                 |
|-------------|---|---|--|-----------------|
|             | Technology appropriations   | Methodology used  | Benefits of OFT/FLD  | Future Adoption |
| Puri        | Paddy straw mushroom cultivation in Agro shade net in summer & Rainy season | Installation of agro shade net with scientific production package and training increased both knowledge and skill | Cultivation in agro shade net gave higher yield than cultivation in open condition | Yes             |

#### 4.2. Feedback from KVK to Research System

| Name of KVK | Feedback basic of OFT on Technology Tested  |
|-------------|---|
| Puri        | Paddy var.CR-505 gave good yield than varieties sarala,varsha,durga                                       |
| Puri        | Mustard var.G-9 could not give better yield as compared to local var. manika                              |
| Puri        | Farmers are satisfied with timely information and keep themselves updated with modern technologies        |
| Puri        | Due to organized marketing farmers are getting more income from 1kg of mushroom                           |
| Puri        | Bulb onion production is more profitable than the local multiplier onion                                  |
| Puri        | Recommended dose of fertilizer leads to high yield and reduce cost of fertilizer in tissue culture banana |
| Puri        | Tomato variety Swarna Sampad gives high yield and is resistant to wilt                                    |
| Puri        | Marigold variety Annual Chrysanthemum gives higher yield and is more profitable                           |
| Puri        | Chemical Metirum is better than pyraclostarbin in alternaria blight disease management in ridge gourd     |
| Puri        | Combination of Azadiractin with Trizophos gives better result in leaf minor management in tomato          |
| Puri        | Diafenthuron Is more effective in case of white flies in Okra   |
| Puri        | Supplement feeding of dairy cattle during lactation improves milk quality and quantity                    |
| Puri        | Trace mineral feeding of heifers proved effective in reproductive performance                             |
| Puri        | Backyard poultry farming with proven breeds provide nutritional security and income generation            |
| Puri        | Azolla feeding reduced the feed cost of cattle  |
| Puri        | Waste banana leaves can be economically used for paddy straw mushroom cultivation                         |
| Puri        | H.ulmarius variety of oyster mushroom gives more yield and has longer shelf life                          |
| Puri        | Pickling avoids waste of left over mushroom and also fetches more money than fresh mushroom               |
| Puri        | Sprinkler can control oxygen depletion and reduces temp. during summer                                    |
| Puri        | <i>P. gonionotus</i> size is more and has faster growth rate  |
| Puri        | Low cost feed ingredients to reduce the cost of production in fisheries                                   |

#### 4.3 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                     | Field visit, Group discussion                     | 23.05.15,<br>Gudiapokhari | 25                           |
| Puri        | RY                       | Diagnostic field visit, Group discussion          | 8.06.15,Pariputali        | 20                           |
| Puri        | RY                       | Diagnostic field visit, Group discussion          | 11.06.15, Oterakera       | 20                           |
| Puri        | F/FW                     | Field visit and Group discussion with the farmers | 16.06.15, sandra          | 20                           |
| Puri        | RY                       | Diagnostic field visit, Group discussion          | 19.06.15,Sundara          | 20                           |
| Puri        | F/FW                     | Diagnostic field visit, Group discussion          | 22.06.15, Nuasahi         | 20                           |
| Puri        | F/FW                     | Field visit and Group discussion with the farmers | 25.06.15,Baria            | 25                           |
| Puri        | F/FW                     | Field visit and Group discussion with the farmers | 26.06.15,Talajanga        | 25                           |
| Puri        | F/FW -                   | Farmer scientist interaction & field visit        | 30.6.2015,Resinga         | 25                           |
| Puri        | F/FW-                    | Diagnostic field visit & group discussion         | 1.7.2015, Kartikapada     | 25                           |
| Puri        | F/FW                     | Field visit and Group discussion with the farmers | 4.07.15,Raghurajpur       | 25                           |
| Puri        | F/FW -                   | Diagnostic field visit                            | 13.7.2015,Gadabadaputu    | 25                           |
| Puri        | F/FW                     | Field visit and Group discussion with the farmers | 15.07.15, Alangapur       | 25                           |
| Puri        | F/FW                     | Field visit and Group discussion with the farmers | 22.07.15, Hiradeipur      | 25                           |
| Puri        | F/FW                     | Field visit and Group discussion with the farmers | 23.07.15, Mundala         | 25                           |
| Puri        | F/FW                     | Field visit and Group discussion with the farmers | 30.07.15, Khandagada      | 25                           |
| Puri        | F/FW                     | Field visit and Group discussion with the farmers | 11.8.15, Bahuri           | 25                           |
| Puri        | F/FW                     | Field visit and Group discussion with the farmers | 22.8.15, Basudeipur       | 25                           |
| Puri        | F/FW                     | Field visit and Group discussion with the farmers | 16.9.15, Kanafasia        | 25                           |
| Puri        | F/FW                     | Field visit and Group discussion with the farmers | 19.9.15,Naiguan           | 25                           |
| Puri        | F/FW                     | Field visit and Group discussion with the farmers | 24.9.15, Chhaitana        | 25                           |
| Puri        | F/FW                     | Field visit and Group discussion with the farmers | 26.9.15, Naruda           | 25                           |
| Puri        | F/FW                     | Field visit and Group discussion with the farmers | 5.11.15, Sandhyatala      | 25                           |
| Puri        | F/FW                     | Field visit and Group discussion with the farmers | 7.11.15, Beraboi          | 25                           |
| Puri        | F/FW                     | Field visit and Group discussion with the farmers | 9.12.15, Gendamali        | 25                           |
| Puri        | F/FW                     | Field visit and Group discussion with the farmers | 7.12.15, Golapada         | 25                           |
| Puri        | F/FW                     | Field visit and Group discussion with the farmers | 05.1.16, Apithi           | 25                           |
| Puri        | F/FW                     | Field visit and Group discussion with the farmers | 12.1.16, Manapul          | 25                           |
| Puri        | F/FW                     | Field visit and Group discussion with the farmers | 1.2.16, Banapur           | 25                           |
| Puri        | F/FW                     | Field visit and Group discussion with the farmers | 16.02.16, Binthasahi      | 25                           |
| Puri        | F/FW                     | Field visit and Group discussion with the farmers | 22.02.16, Mirjapur        | 25                           |

**5. TRAINING PROGRAMMES**

- 1. Training programmes should be strictly covered under above mentioned thematic areas only,
- 2. For category, training type and thematic area, mention code/abbreviations only

**Table 5.1. Details of Training programmes conducted by the KVKs**

| Name of KVK | Category | Training Type | Thematic area | Training Title  | No. of Courses | Duration (Days) | Participants |    |    |    |    |    |        |    |
|-------------|----------|---------------|---------------|---|----------------|-----------------|--------------|----|----|----|----|----|--------|----|
|             |          |               |               |   |                |                 | Gen          |    | SC |    | ST |    | Others |    |
|             |          |               |               |   |                |                 | M            | F  | M  | F  | M  | F  | M      | F  |
| 1           | 2        | 3             | 4             | 5   | 7              | 8               | 9            | 10 | 11 | 12 | 13 | 15 | 15     | 16 |
| Puri        | F/FW     | OFC           | CP            | Nursery management in Rice  | 1              | 1               | 25           | -  | -  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | CP            | Nutrient management in Rice by Leaf colour Chart                                  | 1              | 1               | 23           | 2  | -  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | CP            | Scientific method of cultivation of paddy for water logging area Var-Swarna Sub-1 | 1              | 1               | 24           | 1  | -  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | CP            | Qualitative and quantitative measures of different varieties of paddy             | 1              | 1               | 25           | -  | -  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | CP            | Scientific method of Mustard cultivation  | 1              | 1               | 23           | -  | 2  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | CP            | Improved management of cropping system for Biointensification                     | 1              | 1               | 23           | -  | -  | 2  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | CP            | Scientific method of sunflower cultivation  | 1              | 1               | 24           | -  | -  | 1  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | CP            | Production and management of Groundnut  | 1              | 1               | 25           | -  | -  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | CP            | Weed management in groundnut  | 1              | 1               | 25           | -  | -  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | CBD           | Alternative wetting and drying methodology in paddy for water management          | 1              | 1               | 25           | -  | -  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | CBD           | Mobilization of social  | 1              | 1               | 25           | -  | -  | -  | -  | -  | -      | -  |

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| Name of KVK | Category | Training Type | Thematic area | Training Title   | No. of Courses | Duration (Days) | Participants |    |    |    |    |    |        |    |
|-------------|----------|---------------|---------------|--|----------------|-----------------|--------------|----|----|----|----|----|--------|----|
|             |          |               |               |  |                |                 | Gen          |    | SC |    | ST |    | Others |    |
|             |          |               |               |  |                |                 | M            | F  | M  | F  | M  | F  | M      | F  |
| 1           | 2        | 3             | 4             | 5  | 7              | 8               | 9            | 10 | 11 | 12 | 13 | 15 | 15     | 16 |
|             |          |               |               | capital  |                |                 |              |    |    |    |    |    |        |    |
| Puri        | F/FW     | OFC           | CBD           | Role of leader in Agricultural development   | 1              | 1               | -            | 25 | -  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | CBD           | Role of communication methods in development of the farmers                                    | 1              | 1               | 23           | -  | 2  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | CBD           | Role of Krishi Vigyan Kendra for farming community   | 1              | 1               | 15           | 1  | 3  | 6  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | CBD           | Knowledge dissemination on different technology  | 1              | 1               | 22           | 3  | -  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | CBD           | Mobile enabled information service in dissemination of scientific technology among the farmers | 1              | 1               | 25           | -  | -  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | CBD           | Various steps and channels involved in the marketing of Mushroom                               | 1              | 1               | 15           | 7  | -  | 3  | -  | -  | -      | -  |
| Puri        | RY       | OFC           | CBD           | Development of managerial skill among the rural youth  | 1              | 1               | 20           | -  | -  | -  | -  | -  | -      | -  |
| Puri        | RY       | OFC           | CBD           | Entrepreneurial development  | 1              | 1               | 15           | -  | 5  | 1  | -  | -  | -      | -  |
| Puri        | IS       | OFC           | CBD           | Transfer of Technology in Agricultural sector  | 1              | 2               | 20           | 17 | 3  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | HOV           | Vegetable seedling raising in low cost poly house  | 1              | 1               | 23           | -  | 2  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | ONC           | HOV           | Vegetable seedling raising in low cost poly house  | 1              | 1               | 25           | -  | -  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | HOV           | Scientific method of Banana cultivation  | 1              | 1               | 12           | 4  | 2  | 7  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | HOO           | Managerial practices of  | 1              | 1               | 23           | -  | 2  | -  | -  | -  | -      | -  |

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| Name of KVK | Category | Training Type | Thematic area | Training Title                                       | No. of Courses | Duration (Days) | Participants |    |    |    |    |    |        |    |
|-------------|----------|---------------|---------------|--|----------------|-----------------|--------------|----|----|----|----|----|--------|----|
|             |          |               |               |  |                |                 | Gen          |    | SC |    | ST |    | Others |    |
|             |          |               |               |  |                |                 | M            | F  | M  | F  | M  | F  | M      | F  |
| 1           | 2        | 3             | 4             | 5  | 7              | 8               | 9            | 10 | 11 | 12 | 13 | 15 | 15     | 16 |
|             |          |               |               | EFY /Colocasia                                       |                |                 |              |    |    |    |    |    |        |    |
| Puri        | F/FW     | OFC           | HOT           | Production & management of solanaceus vegetable      | 1              | 1               | 25           | -  | -  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | HOV           | Scientific method of Okra cultivation                | 1              | 1               | 15           | 11 | -  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | HOS           | Production management of Onion/garlic                | 1              | 1               | 16           | -  | 9  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | HOV           | Vine cutting & management practices of pointed gourd | 1              | 1               | 16           | 8  | -  | 1  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | HOV           | Production and management of potato crop             | 1              | 1               | 16           | 9  | -  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | HOV           | Improved practices for high value crop               | 1              | 1               | 22           | -  | 3  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | HOV           | Cool season vegetable cultivation                    | 1              | 1               | 15           | 1  | 5  | 4  | -  | -  | -      | -  |
| Puri        | IS       | ONC           | HOV           | High tech Horticulture                               | 1              | 2               | 20           |    |    |    |    |    |        |    |
| Puri        | RY       | OFC           | HOV           | Raising vegetable in protected structure             | 1              | 1               | 25           | -  | -  | -  | -  | -  | -      | -  |
| Puri        | RY       | OFC           | HOV           | Seed production in vegetable crops                   | 1              | 1               | 25           | -  | -  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | PLP           | BLB management in paddy                              | 1              | 1               | 25           | -  | -  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | PLP           | Sigatoka disease management in banana                | 1              | 1               | 11           | 2  | 11 | 1  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | PLP           | Wilt management in Tomato                            | 1              | 1               | 25           | -  | -  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | PLP           | Disease and pest management in Ridgegourd            | 1              | 1               | 15           | 4  | 7  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | PLP           | Leaf minor management in Tomato                      | 1              | 1               | 25           | -  | -  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | PLP           | YMV management in okra                               | 1              | 1               | 25           | -  | -  | -  | -  | -  | -      | -  |



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| Name of KVK | Category | Training Type | Thematic area | Training Title   | No. of Courses | Duration (Days) | Participants |    |    |    |    |    |        |    |
|-------------|----------|---------------|---------------|--|----------------|-----------------|--------------|----|----|----|----|----|--------|----|
|             |          |               |               |  |                |                 | Gen          |    | SC |    | ST |    | Others |    |
|             |          |               |               |  |                |                 | M            | F  | M  | F  | M  | F  | M      | F  |
| 1           | 2        | 3             | 4             | 5  | 7              | 8               | 9            | 10 | 11 | 12 | 13 | 15 | 15     | 16 |
| Puri        | F/FW     | OFC           | PLP           | Integrated disease management in Betelvine                                       | 1              | 1               | 25           | -  | -  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | PLP           | Integrated Pest management in paddy  | 1              | 1               | 25           | -  | -  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | PLP           | Integrated Disease management in potato  | 1              | 1               | 25           | -  | -  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | PLP           | Integrated Disease management in Paddy   | 1              | 1               | 25           | -  | -  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | PLP           | Integrated pest management in pulses   | 1              | 1               | 24           | 1  | -  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | PLP           | Weed management in paddy   | 1              | 1               | 11           | 5  | 5  | 4  | -  | -  | -      | -  |
| Puri        | RY       | OFC           | PLP           | Store grain pest management  | 1              | 1               | 20           | -  | -  | -  | -  | -  | -      | -  |
| Puri        | RY       | OFC           | PLP           | Vermi composting   | 1              | 1               | 13           | 1  | 11 | -  | -  | -  | -      | -  |
| Puri        | IS       | OFC           | PLP           | Knowledge on new generation plant protection chemicals                           | 1              | 2               | 7            | 13 | -  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | SFM           | Use of biofertilizers for maintaining soil fertility and increasing productivity | 1              | 1               | 20           | -  | 5  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | SFM           | Soil and water quality management  | 1              | 1               | 4            | 9  | 6  | 6  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | SFM           | Management of acid soil for sustainable crop production                          | 1              | 1               | 12           | 10 | 1  | 2  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | SFM           | Fertilizer recommendation on basis of soil test value                            | 1              | 1               | 13           | 5  | 3  | 4  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | SFM           | Organic farming  | 1              | 1               | 19           | 6  | -  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | SFM           | Technique of soil sample collection  | 1              | 1               | 24           | -  | 1  | -  | -  | -  | -      | -  |

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| Name of KVK | Category | Training Type | Thematic area | Training Title   | No. of Courses | Duration (Days) | Participants |    |    |    |    |    |        |    |
|-------------|----------|---------------|---------------|--|----------------|-----------------|--------------|----|----|----|----|----|--------|----|
|             |          |               |               |  |                |                 | Gen          |    | SC |    | ST |    | Others |    |
|             |          |               |               |  |                |                 | M            | F  | M  | F  | M  | F  | M      | F  |
| 1           | 2        | 3             | 4             | 5  | 7              | 8               | 9            | 10 | 11 | 12 | 13 | 15 | 15     | 16 |
| Puri        | F/FW     | OFC           | SFM           | Green manuring with dhanicha in rice   | 1              | 1               | 25           | -  | -  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | WOE           | Value addition & preservation of Oyster Mushroom                                   | 1              | 1               | -            | 23 | -  | 2  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | WOE           | Value addition in Paddy straw mushroom   | 1              | 1               | -            | 19 | -  | 6  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | WOE           | Maintenance & management of drip irrigation in banana crop                         | 1              | 1               | -            | 24 | -  | 1  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | WOE           | Cultivation of marigold throughout the year  | 1              | 1               | 2            | 22 | -  | 1  | -  | -  | -      | 1  |
| Puri        | F/FW     | OFC           | WOE           | Use of low cost agricultural implements to reduce the drudgery of farm women       | 1              | 1               | -            | 6  | -  | 19 | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | WOE           | Care & preparation of nutritional diet from locally available cereals & vegetables | 1              | 1               | -            | 25 | -  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | WOE           | Management of SHG in villages for sustainable income generation                    | 1              | 1               | -            | 20 | -  | 5  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | WOE           | Planning and layout of nutritional garden in backyard                              | 1              | 1               | -            | 11 | -  | 15 | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | WOE           | Feeding management in fish   | 1              | 1               |              |    |    |    |    |    |        |    |
| Puri        | F/FW     | OFC           | WOE           | Importance of green leafy vegetable in daily diet                                  | 1              | 1               | -            | 15 | 3  | 8  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | WOE           | Oyster Mushroom cultivation  | 2              | 1               | -            | 24 | -  | 1  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | WOE           | Paddy straw mushroom cultivation   | 2              | 1               | 3            | 22 | -  | -  | -  | -  | -      | -  |
| Puri        | RY       | OFC           | WOE           | Vermicomposting for  | 1              | 2               | -            | 20 | -  | 1  | -  | -  | -      | -  |

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| Name of KVK | Category | Training Type | Thematic area | Training Title  | No. of Courses | Duration (Days) | Participants |    |    |    |    |    |        |    |
|-------------|----------|---------------|---------------|---|----------------|-----------------|--------------|----|----|----|----|----|--------|----|
|             |          |               |               |   |                |                 | Gen          |    | SC |    | ST |    | Others |    |
|             |          |               |               |   |                |                 | M            | F  | M  | F  | M  | F  | M      | F  |
| 1           | 2        | 3             | 4             | 5   | 7              | 8               | 9            | 10 | 11 | 12 | 13 | 15 | 15     | 16 |
|             |          |               |               | income generation   |                |                 |              |    |    |    |    |    |        |    |
| Puri        | RY       | OFC           | WOE           | Value addition in vegetable (Tomato, cauliflower, carrot, pea, bean etc.) | 1              | 2               | -            | 20 | -  | -  | -  | -  | -      | -  |
| Puri        | IS       | OFC           | WOE           | Gender mainstreaming through formation of SHG group                       | 1              | 2               | 20           |    |    |    |    |    |        |    |
| Puri        | F/FW     | OFC           | FIS           | Pond based farming system   | 1              | 1               | 25           | -  | -  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | FIS           | Fish fingerling production  | 1              | 1               | 25           | -  | -  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | FIS           | Value addition in Fish  | 1              | 1               | 21           | -  | 4  | -  | -  | -  | -      | -  |
| Puri        | RY       | OFC           | FIS           | Fish seed production  | 1              | 1               | 5            | 15 | -  | -  | -  | -  | -      | -  |
| Puri        | IS       | OFC           | FIS           | Multiple production technology  | 1              | 2               | 10           | 10 | -  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | LPM           | Advantages of artificial insemination for better milk production          | 1              | 1               | 6            | 9  | 5  | 5  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | LPM           | Unconventional feed and fodder of livestock                               | 1              | 1               | 25           | -  | -  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | LPM           | Requirement of fodder and balance nutrition in milk production            | 1              | 1               | 25           | -  | -  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | LPM           | Importance of vaccination in livestock                                    | 1              | 1               | 23           | 2  | -  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | LPM           | Importance of deworming in livestock                                      | 1              | 1               | 17           | 8  | -  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | LPM           | Backyard poultry farming  | 1              | 1               | 19           | 6  | -  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | LPM           | Duck farming  | 1              | 1               | 25           | -  | -  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | LPM           | Dairy farming   | 1              | 1               | 22           | -  | 3  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | LPM           | Goat and sheep farming  | 1              | 1               | 21           | 2  | 2  | -  | -  | -  | -      | -  |
| Puri        | F/FW     | OFC           | LPM           | Importance of azolla farming in livestock production                      | 1              | 1               | 24           | 1  | -  | -  | -  | -  | -      | -  |
| Puri        | RY       | OFC           | LPM           | Income generation through dairy farming                                   | 1              | 1               | 20           | -  | -  | -  | -  | -  | -      | -  |

| Name of KVK | Category | Training Type | Thematic area | Training Title  | No. of Courses | Duration (Days) | Participants |    |    |    |    |    |        |    |
|-------------|----------|---------------|---------------|---|----------------|-----------------|--------------|----|----|----|----|----|--------|----|
|             |          |               |               |   |                |                 | Gen          |    | SC |    | ST |    | Others |    |
|             |          |               |               |   |                |                 | M            | F  | M  | F  | M  | F  | M      | F  |
| 1           | 2        | 3             | 4             | 5   | 7              | 8               | 9            | 10 | 11 | 12 | 13 | 15 | 15     | 16 |
| Puri        | RY       | OFC           | LPM           | Income generation through Poultry farming               | 1              | 1               | 16           | -  | 4  | -  | -  | -  | -      | -  |
| Puri        | IS       | ONC           | LPM           | Major animal diseases of the district and their control | 1              | 2               | 12           | 3  | -  | -  | -  | -  | -      | -  |

Table 5.2. 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 |   |    |   |    |    |        |   |  |
|-------------|---|-----------------------|---|-----------------------------|-------------------------|---|----|---|----|----|--------|---|--|
|             |   |                       |   |                             | Gen                     |   | SC |   | ST |    | Others |   |  |
|             |   |                       |   |                             | M                       | F | M  | F | M  | F  | M      | F |  |
| Puri        | Income generation through milk product processing & marketing | Enterprise            | Dairy                                   | 5                           |                         |   |    |   |    | 15 |        |   |  |
| Puri        | Planting material production for self employment              | Enterprise            | Commercial fruit and flower cultivation | 5                           |                         |   |    |   |    | 15 |        |   |  |
| Puri        | Bee-keeping   | Enterprise            | Apiary                                  | 5                           |                         |   |    |   |    | 15 |        |   |  |
| Puri        | Fish seed production  | Enterprise            | Fishery                                 | 5                           | 5                       |   |    |   |    | 10 |        |   |  |
| Puri        | Value addition to fruits, vegetables and flower               | Guava, Tomato, Papaya | Preservation of fruits and vegetables   | 5                           |                         |   |    |   |    |    | 15     |   |  |

Table 5.3. Details of training programme conducted for livelihood security in rural areas by the KVKs

| Name of KVK | Training title                                    | Self employed after training |                 |                            | Number of persons employed elsewhere |
|-------------|---|------------------------------|-----------------|----------------------------|--------------------------------------|
|             |   | Type of units                | Number of units | Number of persons employed |                                      |
| Puri        | Vegetable seedling raising in low cost poly house | Low cost poly house          | 11              | 11                         | -                                    |
| Puri        | Value addition and preservation of mushroom       | Value addition               | 6               | 15                         | -                                    |
| Puri        | Value addition in vegetables and fruits           | Value addition               | 5               | 50                         | -                                    |

|      |   |                 |    |    |   |
|------|---|-----------------|----|----|---|
| Puri | Value addition in fish                          | Value addition  | 5  | 40 | - |
| Puri | Backyard poultry farming                        | Poultry         | 6  | 30 | - |
| Puri | Duck farming                                    | Duck            | 5  | 25 | - |
| Puri | Dairy farming                                   | Cattle          | 5  | 25 | - |
| Puri | Bee-keeping                                     | Apiary          | 10 | 20 | - |
| Puri | Goat & sheep farming                            | Goat & sheep    | 10 | 50 | - |
| Puri | Ornamental fish farming                         | Ornamental fish | 5  | 30 | - |
| Puri | Importance of nutritional gardening in backyard | Kitchen garden  | 15 | 35 | - |
| Puri | Paddy straw mushroom cultivation                | Mushroom unit   | 25 | 50 | - |
| Puri | Oyster mushroom cultivation                     | Mushroom unit   | 25 | 60 | - |

Table 5.4. 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) | Duration (days) | No. of courses | No. of Participants |   |        |   |    |   |    |   | Sponsoring Agency | Fund received for training (Rs.) |
|-------------|-------|--|--|-------------------|-----------------|----------------|---------------------|---|--------|---|----|---|----|---|-------------------|----------------------------------|
|             |       |  |  |                   |                 |                | Gen                 |   | Others |   | SC |   | ST |   |                   |                                  |
|             |       |  |  |                   |                 |                | M                   | F | M      | F | M  | F | M  | F |                   |                                  |
|             |       |  |  |                   |                 |                |                     |   |        |   |    |   |    |   |                   |                                  |
|             |       |  |  |                   |                 |                |                     |   |        |   |    |   |    |   |                   |                                  |

Table 5.5 Training Programmes for Panchayatiraj Institutions Office-bearers &amp; members

| 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) | Duration (days) | No. of courses | No. of Participants |   |        |   |    |   |    |   | Sponsoring Agency | Fund received for training (Rs.) |
|-------------|-------|--|--|-------------------|-----------------|----------------|---------------------|---|--------|---|----|---|----|---|-------------------|----------------------------------|
|             |       |  |  |                   |                 |                | Gen                 |   | Others |   | SC |   | ST |   |                   |                                  |
|             |       |  |  |                   |                 |                | M                   | F | M      | F | M  | F | M  | F |                   |                                  |
|             |       |  |  |                   |                 |                |                     |   |        |   |    |   |    |   |                   |                                  |
|             |       |  |  |                   |                 |                |                     |   |        |   |    |   |    |   |                   |                                  |

Table 5.6 Evaluation/Follow up &amp; 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<br>1. Area expanded (ha)<br>2. No. of farmers adopted |
|-------------|-----------------------|-----------------|-----------------------------|-----------------------------|-----------------------|---|
|             |                       |                 |                             |                             |                       |   |

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|      |  |    | Before | After | Before      | After       | Before | After       | (no.)<br>3. % change in<br>knowledge, production<br>& Income |
|------|--|----|--------|-------|-------------|-------------|--------|-------------|--|
| Puri | Nursery management in Rice   | 25 | 25     | 46    | 21000       | 30000       | 10500  | 15000       | (5) (84, 43, 43)   |
| Puri | Nutrient management in Rice by Leaf colour Chart   | 25 | 20     | 34    | 22000       | 40000       | 11000  | 20000       | (5), (70, 82, 82)  |
| Puri | Scientific method of cultivation of paddy for water logging area Var-Swarna Sub-1              | 25 | 60     | 90    | 87          | 106         | 62400  | 85300       | (4) (8) (50, 22, 37)   |
| Puri | Qualitative and quantitative measures of different varieties of paddy                          | 25 | 55     | 85    | 185         | 256         | 122600 | 267000      | (12) (7) (54, 38, 117)                                       |
| Puri | Scientific method of Mustard cultivation   | 25 | 40     | 75    | 86.5        | 110.2       | 87550  | 116600      | (5) (5) (60, 27, 33)   |
| Puri | Improved management of cropping system for Biointensification                                  | 25 | 35     | 60    | 200         | 260         | 180000 | 250000      | (40) (70), (71, 30, 39)                                      |
| Puri | Scientific method of sunflower cultivation   | 25 | 20     | 35    | 270         | 310         | 123000 | 150000      | (20) (35) (70,15,20)   |
| Puri | Production and management of Groundnut   | 25 | 41     | 79    | 5.5         | 7.25        | 11000  | 17,000      | (30) (40) (92,32,55)   |
| Puri | Weed management in groundnut   | 25 | 30     | 55    | 246000<br>0 | 160000<br>0 | 734000 | 158500<br>0 | (5) (12) (83,54,115)   |
| Puri | Alternative wetting and drying methodology in paddy for water management                       | 20 | 20     | 45    | 16          | 21          | 74500  | 87600       | (78) (63) (125, 25, 17.58)                                   |
| Puri | Mobilization of social capital   | 20 | 15     | 40    | 17          | 20          | 76900  | 86400       | (84) (97) (67,18,12)   |
| Puri | Role of leader in Agricultural development   | 20 | 15     | 50    | 15          | 30          | 71600  | 124800      | (35) (46) (233,115,74)                                       |
| Puri | Role of communication methods in development of the farmers                                    | 25 | 25     | 55    | 13          | 25          | 69600  | 108400      | (46) (67) (120,92,56)  |
| Puri | Role of Krishi Vigyan Kendra for farming community   | 25 | 10     | 35    | 16          | 23          | 75400  | 96400       | (43) (67) (250,44,28)  |
| Puri | Knowledge dissemination on different technology  | 25 | 15     | 50    | 16          | 24          | 76600  | 98600       | (67) (87) (233,50,29)  |
| Puri | Mobile enabled information service in dissemination of scientific technology among the farmers | 25 | 25     | 60    | 15          | 21          | 73000  | 80000       | (85) (112) (150,50,6)  |
| Puri | Various steps and channels involved in the marketing of Mushroom                               | 25 | 10     | 25    | 129         | 159         | 32000  | 56000       | (15) (22) (80,0,0)   |
| Puri | Development of managerial skill among the rural youth  | 25 | 25     | 55    | 101         | 120         | 34500  | 72800       | (15) (80) (18,0,0)   |
| Puri | Entrepreneurial development  | 25 | 40     | 90    | 129         | 210         | 43600  | 62000       | (10) (20) (90,0,0)   |
| Puri | Transfer of Technology in Agricultural sector  | 25 | 12     | 79    | 124         | 182         | 42000  | 71000       | (15) (22) (80,0,0)   |
| Puri | Vegetable seedling raising in low cost poly house  | 25 | 8      | 72    | 0.5         | 1           | 100    | 120         | (2) (12) (90,50,20)  |

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|      |  |    |    |    |             |             |        |             |                            |
|------|--|----|----|----|-------------|-------------|--------|-------------|----------------------------|
| Puri | Vegetable seedling raising in low cost poly house                                | 25 | 4  | 92 | 151         | 193         | 34000  | 67000       | (15) (80) (18,0,0)         |
| Puri | Scientific method of Banana cultivation  | 25 | 3  | 91 | 6.8         | 7.9         | 1589   | 1951        | (22) (80) (21,16,31)       |
| Puri | Managerial practices of EFY /Colocasia   | 25 | 2  | 70 | 0           | 100         | 0      | 200         | (2) (24) (90,100,200)      |
| Puri | Production & management of solanaceus vegetable                                  | 25 | 60 | 90 | 100         | 200         | 72     | 150         | (5) (23) (95,100,97.5)     |
| Puri | Scientific method of Okra cultivation  | 25 | 10 | 70 | 0           | 400         | 0      | 560         | (.5) (1) (70,400,560)      |
| Puri | Production management of Onion/garlic  | 25 | 55 | 85 | 100         | 150         | 40     | 60          | (3) (18) (90,50,66)        |
| Puri | Vine cutting & management practices of pointed gourd                             | 25 | 40 | 90 | 5           | 7           | 40     | 60          | (8) (12) (17,40,50)        |
| Puri | Production and management of potato crop   | 25 | 40 | 90 | 6.5         | 7           | 1500   | 1900        | (4) (21) (82,7,35)         |
| Puri | Improved practices for high value crop   | 25 | 30 | 85 | 3           | 6           | 60     | 120         | (.05) (18) (80,50,100)     |
| Puri | Cool season vegetable cultivation  | 25 | 10 | 70 | 5           | 7           | 40     | 60          | (8) (12) (17,40,50)        |
| Puri | High tech Horticulture   | 25 | 40 | 95 | 100         | 200         | 72     | 150         | (5) (23) (95,100,97.5)     |
| Puri | Raising vegetable in protected structure   | 25 | 55 | 95 | 122         | 193         | 32000  | 54000       | (43) (67) (250,44,28)      |
| Puri | Seed production in vegetable crops   | 25 | 28 | 54 | 7.9         | 10.1        | 13450  | 22250       | (57) (50) (82, 28, 26)     |
| Puri | BLB management in paddy  | 20 | 55 | 82 | 0.8         | 1.2         | 48     | 70          | (5) (580) (49 , 66, 46)    |
| Puri | Sigatoka disease management in banana  | 20 | 22 | 66 | 1.5         | 2.2         | 32     | 60          | (5) (260) (200 , 46, 87)   |
| Puri | Wilt management in Tomato  | 20 | 45 | 82 | 40          | 46          | 10     | 30          | (2) (100) (80, 200, 15)    |
| Puri | Disease and pest management in Ridgegourd  | 25 | 25 | 46 | 21000       | 30000       | 10500  | 15000       | (5) (84, 43, 43)           |
| Puri | Leaf minor management in Tomato  | 25 | 20 | 34 | 22000       | 40000       | 11000  | 20000       | (5), (70, 82, 82)          |
| Puri | YMV management in okra   | 25 | 60 | 90 | 87          | 106         | 62400  | 85300       | (4) (8) (50, 22, 37)       |
| Puri | Integrated disease management in Betelvine                                       | 25 | 55 | 85 | 185         | 256         | 122600 | 267000      | (12) (7) (54, 38, 117)     |
| Puri | Integrated Pest management in paddy  | 25 | 40 | 75 | 86.5        | 110.2       | 87,550 | 116600      | (5) (5) (60, 27, 33)       |
| Puri | Integrated Disease management in potato  | 25 | 35 | 60 | 200         | 260         | 180000 | 250000      | (40) (70), (71, 30, 39)    |
| Puri | Integrated Disease management in Paddy   | 25 | 20 | 35 | 270         | 310         | 123000 | 150000      | (20) (35) (70,15,20)       |
| Puri | Integrated pest management in pulses   | 25 | 41 | 79 | 5.5         | 7.25        | 11,000 | 17,000      | (30) (40) (92,32,55)       |
| Puri | Weed management in paddy   | 25 | 30 | 55 | 246000<br>0 | 160000<br>0 | 734000 | 158500<br>0 | (5) (12) (83,54,115)       |
| Puri | Store grain pest management  | 25 | 20 | 45 | 16          | 21          | 74500  | 87600       | (78) (63) (125, 25, 17.58) |
| Puri | Vermi composting   | 25 | 15 | 40 | 17          | 20          | 76900  | 86400       | (84) (97) (67,18,12)       |
| Puri | Knowledge on new generation plant protection chemicals                           | 25 | 15 | 50 | 15          | 30          | 71600  | 124800      | (35) (46) (233,115,74)     |
| Puri | Use of biofertilizers for maintaining soil fertility and increasing productivity | 25 | 25 | 55 | 13          | 25          | 69600  | 108400      | (46) (67) (120,92,56)      |
| Puri | Soil and water quality management  | 25 | 10 | 35 | 16          | 23          | 75400  | 96400       | (43) (67) (250,44,28)      |

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|      |  |    |    |    |       |       |       |       |                          |
|------|--|----|----|----|-------|-------|-------|-------|--------------------------|
| Puri | Management of acid soil for sustainable crop production                          | 25 | 15 | 50 | 16    | 24    | 76600 | 98600 | (67) (87) (233,50,29)    |
| Puri | Fertilizer recommendation on basis of soil test value                            | 25 | 25 | 60 | 15    | 21    | 73000 | 80000 | (85) (112) (150,50,6)    |
| Puri | Organic farming  | 25 | 10 | 25 | 0     |       | 0     | 3500  | 5) (23) (95,100,97.5)    |
| Puri | Technique of soil sample collection  | 20 | 25 | 55 | 6.8   | 7.9   | 34500 | 72800 | 5) (23) (95,100,97.5)    |
| Puri | Green manuring with dhanicha in rice   | 20 | 40 | 90 | 0     | 100   | 0     |       | (10) (20) (90,0,0)       |
| Puri | Value addition & preservation of Oyster Mushroom                                 | 20 | 12 | 79 | 100   | 200   | 72    |       | (15) (22) (80,0,0)       |
| Puri | Value addition in Paddy straw mushroom   | 25 | 8  | 72 | 0.5   | 1     | 100   | 120   | (2) (12) (90,50,20)      |
| Puri | Maintenance & management of drip irrigation in banana crop                       | 25 | 4  | 92 |       |       |       |       | (15) (80) (18,0,0)       |
| Puri | Cultivation of marigold throughout the year                                      | 25 | 3  | 91 | 6.8   | 7.9   | 1589  | 1951  | (22) (80) (21,16,31)     |
| Puri | Use of lowcost agriculture implements to reduce the drudgery of farm women       | 25 | 2  | 70 | 0     | 100   | 0     | 200   | (2) (24) (90,100,200)    |
| Puri | Care & preparation of nutritional diet from local available cereals & vegetables | 20 | 60 | 90 | 100   | 200   | 72    | 150   | (5) (23) (95,100,97.5)   |
| Puri | Management of SHG in villages for sustainable income generation                  | 20 | 10 | 70 | 0     | 400   | 0     | 560   | (.5) (1) (70,400,560)    |
| Puri | Planning and layout of nutritional garden in backyard                            | 25 | 55 | 85 | 100   | 150   | 40    | 60    | (3) (18) (90,50,66)      |
| Puri | Feeding management in fish   | 25 | 40 | 90 | 5     | 7     | 40    | 60    | (8) (12) (17,40,50)      |
| Puri | Importance of green leafy vegetable in daily diet                                | 25 | 40 | 90 | 6.5   | 7     | 1500  | 1900  | (4) (21) (82,7,35)       |
| Puri | Oyster Mushroom cultivation  | 25 | 30 | 85 | 3     | 6     | 60    | 120   | (.05) (18) (80,50,100)   |
| Puri | Paddy straw mushroom cultivation   | 20 | 10 | 70 | 5     | 7     | 40    | 60    | (8) (12) (17,40,50)      |
| Puri | Vermicomposting for income generation  | 20 | 40 | 95 | 100   | 200   | 72    | 150   | (5) (23) (95,100,97.5)   |
| Puri | Value addition in vegetable (Tomato, cauliflower, carrot, pea, bean etc.)        | 20 | 55 | 95 |       |       |       |       | (43) (67) (250,44,28)    |
| Puri | Gender mainstreaming through formation of SHG group                              | 25 | 28 | 54 | 7.9   | 10.1  | 13450 | 22250 | (57) (50) (82, 28, 26)   |
| Puri | Pond based farming system  | 25 | 50 | 80 | 0.6   | 1.1   | 42    | 68    | (5) (560) (45 , 62, 46)  |
| Puri | Fish fingerling production   | 25 | 22 | 66 | 1.5   | 2.2   | 32    | 60    | (5) (260) (200 , 46, 87) |
| Puri | Value addition in Fish   | 25 | 45 | 82 | 40    | 46    | 10    | 30    | (2) (100) (80, 200, 15)  |
| Puri | Fish seed production   | 25 | 28 | 54 | 7.9   | 10.1  | 13450 | 22250 | (57) (50) (82, 28, 26)   |
| Puri | Multiple production technology   | 25 | 20 | 61 | 5     | 7     | 25    | 56    | (5) (250) (180 , 41, 81) |
| Puri | Advantages of artificial insemination for better milk production                 | 25 | 45 | 82 | 40    | 46    | 10    | 30    | (2) (100) (80, 200, 15)  |
| Puri | Unconventional feed and fodder of livestock                                      | 25 | 25 | 46 | 21000 | 30000 | 10500 | 15000 | (5) (84, 43, 43)         |



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|------|--|----|----|----|-------|-------|-------|-------|------------------------|
| Puri | Requirement of fodder and balance nutrition in milk production | 25 | 20 | 34 | 22000 | 40000 | 11000 | 20000 | (5), (70, 82, 82)      |
| Puri | Importance of vaccination in livestock                         | 25 | 40 | 90 | 5     | 7     | 40    | 60    | (8) (12) (17,40,50)    |
| Puri | Importance of deworming in livestock                           | 25 | 40 | 90 | 6.5   | 7     | 1500  | 1900  | (4) (21) (82,7,35)     |
| Puri | Backyard poultry farming                                       | 25 | 2  | 70 | 0     | 100   | 0     | 200   | (2) (24) (90,100,200)  |
| Puri | Duck farming   | 25 | 60 | 90 | 100   | 200   | 72    | 150   | (5) (23) (95,100,97.5) |
| Puri | Dairy farming  | 25 | 10 | 70 | 0     | 400   | 0     | 560   | (.5) (1) (70,400,560)  |
| Puri | Goat and sheep farming   | 25 | 55 | 85 | 100   | 150   | 40    | 60    | (3) (18) (90,50,66)    |
| Puri | Importance of azolla farming in livestock production           | 20 | 10 | 70 | 5     | 7     | 40    | 60    | (8) (12) (17,40,50)    |
| Puri | Income generation through dairy farming                        | 20 | 40 | 95 | 100   | 200   | 72    | 150   | (5) (23) (95,100,97.5) |
| Puri | Income generation through Poultry farming                      | 25 | 2  | 70 | 0     | 100   | 0     | 200   | (2) (24) (90,100,200)  |
| Puri | Major animal diseases of the district and their control        | 25 | 3  | 63 | 2     | 112   | 2     | 196   | (2) (24) (90,100,200)  |

**6. 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 |    | Purpose                                   | Topic s                         | Crop Stages                              |
|                 |  |                              |                              | M                      | F   | M               | F  | M                   | F  |   |                                 |  |
| Puri            | Field Day                              | 22                           | 18                           | 510                    |     |                 |    |                     |    | Dissemination of improved technology      | Agricultural and allied subject | Crop maturity stage and harvesting stage |
| Puri            | Kisan Mela                             | 2                            | 3                            | 1012                   | 494 | 29              | 56 | 32                  | 27 | Awareness                                 | Latest technology               | Crop stage                               |
| Puri            | Kisan Ghosthi                          | 4                            |                              |                        |     |                 |    |                     |    |   |                                 |  |
| Puri            | Exhibition                             | 6                            | 7                            | 20750                  |     |                 |    |                     |    | Dissemination of Improved technology      | Latest technology               | Different stages of crop                 |
| Puri            | Film Show                              | 60                           | 65                           | 1550                   |     |                 |    |                     |    | Awareness                                 | Agriculture technology          | Different stages of crop                 |
| Puri            | Method Demonstrations                  | 2                            | 5                            | 66                     | 2   | 1               | 1  | 2                   | 1  | Awareness                                 | Agricultural activity           | Different stages of crop                 |
| Puri            | Farmers Seminar                        | 0                            | 0                            | -                      | -   | -               | -  | -                   | -  | -   | -                               | -  |
| Puri            | Workshop                               |                              | 12                           |                        | -   | -               | -  | -                   | -  | Awareness                                 | Agricultural activity           | Different stages of crop                 |
| Puri            | Group meetings                         | 8                            | 12                           | 600                    | -   | -               | -  | -                   | -  | Awareness                                 | Agricultural activity           | Crop stage                               |
| Puri            | Lectures delivered as resource persons | 12                           | 16                           | 750                    | -   | -               | -  | -                   | -  | Lecture delivered to update the knowledge | Agriculture technology          | Different stages of crop                 |
| Puri            | Newspaper coverage                     | 6                            | 2                            |                        | -   | -               | -  | -                   | -  | Transfer of improved technology           | Agriculture and allied subject  | Different stages of crop                 |
| Puri            | Radio talks                            | 15                           | 17                           |                        | -   | -               | -  | -                   | -  | Transfer of improved technology           | Agriculture and allied subject  | Different stages of crop                 |
| Puri            | TV talks                               | 15                           | 4                            |                        | -   | -               | -  | -                   | -  | Transfer of                               | Agriculture                     | Crop                                     |

| Name of the KVK | Activity                          | No. of activities (Targeted) | No. of activities (Achieved) | Detail of Participants |   |                 |   |                     |   | Remarks  |                                |                          |
|-----------------|-----------------------------------|------------------------------|------------------------------|------------------------|---|-----------------|---|---------------------|---|--|--------------------------------|--------------------------|
|                 |                                   |                              |                              | Farmers (Others)       |   | SC/ST (Farmers) |   | Extension Officials |   | Purpose  | Topic s                        | Crop Stages              |
|                 |                                   |                              |                              | M                      | F | M               | F | M                   | F |  |                                |                          |
|                 |                                   |                              |                              |                        |   |                 |   |                     |   | improved technology                                | and allied subject             | stage                    |
| Puri            | Popular articles                  | 46                           | 0                            |                        | - | -               | - | -                   | - | Awareness  | Agriculture and allied subject | Different stages of crop |
| Puri            | Extension Literature              | 26                           | 19                           |                        | - | -               | - | -                   | - | Improved technology                                | Agriculture and allied subject | Crop stage               |
| Puri            | Farm advisory Services            | 150                          | 200                          |                        | - | -               | - | -                   | - | Dissemination of improved technology and awareness | Agriculture and allied subject | Different stages of crop |
| Puri            | Scientific visit to farmers field | 130                          | 666                          | 1015                   | - | -               | - | -                   | - | Field visit  | Agriculture and allied subject | Different stages of crop |
| Puri            | Farmers visit to KVK              | 500                          | 821                          |                        | - | -               | - | -                   | - | Field related problem                              | Agriculture and allied subject | Crop stage               |
| Puri            | Diagnostic visits                 | 65                           | 172                          | 1032                   | - | -               | - | -                   | - | Field visit  | Agriculture and allied subject | Different stages of crop |
| Puri            | Exposure visits                   | 7                            | 0                            |                        | - | -               | - | -                   | - |  |                                |                          |
| Puri            | Ex-trainees Sammelan              | 6                            | 0                            |                        | - | -               | - | -                   | - | To assess the impact of training                   | Agriculture & allied subject   | Different stages of crop |
| Puri            | Soil health Camp                  | 2                            | 1                            | 25                     | - | -               | - | -                   | - | Awareness campaign                                 | Soil test                      | Crop stage               |
| Puri            | Animal Health Camp                | 8                            | 3                            | 73                     | - | -               | - | -                   | - | Animal health check                                | vaccination of animal disease  | Different stages of crop |
| Puri            | Agri mobile clinic                | 4                            | 0                            |                        | - | -               | - | -                   | - |  |                                |                          |
| Puri            | Soil test campaigns               | 2                            | 4                            | 200                    | - | -               | - | -                   | - | Awareness campaign                                 | Soil test                      | Crop stage               |
| Puri            | Farm Science Club conveners meet  | 1                            | 0                            |                        | - | -               | - | -                   | - |  |                                |                          |

| Name of the KVK | Activity  | No. of activities (Targeted) | No. of activities (Achieved) | Detail of Participants |   |                 |   |                     |   | Remarks   |                                |                     |
|-----------------|---|------------------------------|------------------------------|------------------------|---|-----------------|---|---------------------|---|---|--------------------------------|---------------------|
|                 |   |                              |                              | Farmers (Others)       |   | SC/ST (Farmers) |   | Extension Officials |   | Purpose   | Topics                         | Crop Stages         |
|                 |   |                              |                              | M                      | F | M               | F | M                   | F |   |                                |                     |
| Puri            | Self Help Group conveners meetings                    | 1                            | 1                            | 25                     | - | -               | - | -                   | - | Awareness                                       | Latest technology              | Crop stage          |
| Puri            | Mahila Mandals conveners meetings                     | 0                            | 0                            |                        | - | -               | - | -                   | - |   |                                |                     |
| Puri            | Celebration of important days (World environment day) |                              | 15                           | 1567                   | - | -               | - | -                   | - | Dissemination of improved technology, Awareness | Agriculture and allied subject | That particular day |

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

#### 7.1 KVK Newsletters

| KVK Name | Date of start | Periodicity           | Number of copies printed | Number of copies distributed |
|----------|---------------|-----------------------|--------------------------|------------------------------|
| Puri     |               | April – June, 2015    | 500                      | 500                          |
| Puri     |               | July – Sept, 2015     | 500                      | 500                          |
| Puri     |               | October – Dec, 2015   | 500                      | 500                          |
| Puri     |               | January – March, 2016 | 500                      | 500                          |

#### 7.2 Literature developed/published

| KVK Name | Type   | Title   | Author's name | Number of copies |
|----------|--------|---|---------------|------------------|
| Puri     | Folder | KVK Profile                                   |               | 500              |
| Puri     | Folder | KVK Year planner 2015-16                      |               | 50               |
| Puri     | Folder | Exposure Visit Spot in Puri                   |               | 50               |
| Puri     | Folder | Crop Cafeteria of KVK                         |               | 50               |
| Puri     | Folder | Contingent Plan for Puri District             |               | 50               |
| Puri     | Folder | Soil sample collection and testing procedures |               | 500              |
| Puri     | Folder | Dhana fasalare samanwita ghasa parichalana    |               | 1000             |
| Puri     | Folder | Bihana bisodhana pranali                      |               | 1000             |
| Puri     | Folder | Action Plan for Sansad Adarsh Gram            |               | 50               |
| Puri     | Folder | Vision 2050                                   |               | 50               |
| Puri     | Folder | Sansad Gram                                   |               | 500              |
| Puri     | Folder | Contingent Plan(2015-16)                      |               | 500              |

## 7.3 Details of Electronic Media Produced

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

## 8. Production and supply of Technological products

## 8.1 SEED production

| KVK Name | Major group/class | Crop      | Variety      | Quantity (qt.) | Value (Rs.) | Provided to No. of Farmers | Expected area coverage (ha.) |
|----------|-------------------|-----------|--------------|----------------|-------------|----------------------------|------------------------------|
| Puri     | Foundation        | Paddy     | Swarna Sub-1 | 230.4          |             |                            | 7                            |
| Puri     | Foundation        | Paddy     | Randhan      | 90.4           |             |                            | 3                            |
| Puri     | Certified         | Greengram | TARM-1       | 15.48          |             |                            | 5                            |
| Puri     | TL                | Dhanicha  |              | 5.5            |             |                            | 2.2                          |

## 8.2 Planting Material production

| KVK Name | Major group/class | Crop      | Variety             | Nos.  | Value (Rs.) | Provided to No. of Farmers | Expected area coverage (ha.) |
|----------|-------------------|-----------|---------------------|-------|-------------|----------------------------|------------------------------|
| Puri     | Seedlings         | Broccoli  | Aishwarya           | 15000 | 15000       | 10                         | 0.4                          |
| Puri     | Seedlings         | Capsicum  | California wonder   | 15000 | 15000       | 10                         | 0.4                          |
| Puri     | Seedlings         | Tomato    | Swarnasampad        | 10000 | 5000        | 10                         | 0.4                          |
| Puri     | Seedlings         | Onion     | Agrifound light red | 30000 | 3000        | 10                         | 0.4                          |
| Puri     | Saplings          | Papaya    | Honeydew            | 500   | 2500        | 50                         | 0.08                         |
| Puri     | Saplings          | Drumstick | TKM-1               | 700   | 3500        | 70                         | 0.08                         |

## 8.3 Production Units (bio-agents / bio pesticides/ bio fertilizers etc.) \* Name of product should follow same pattern and spelled correct

| KVK Name | Major Group Bio agent/Bio fertilizers/Bio Pesticides | Name of the Product | Qty (In Kg) | Qty (In No) | Value (Rs.) | Provided to No. of Farmers | Expected area coverage (ha.) |
|----------|--|---------------------|-------------|-------------|-------------|----------------------------|------------------------------|
|          | Bio Agents   |                     |             |             |             |                            |                              |
|          | Bio Agents   |                     |             |             |             |                            |                              |
| Puri     | Bio Fertilizer                                       | Vermicompost        | 400         | 1 unit      |             |                            |                              |
|          | Bio Fertilizer                                       |                     |             |             |             |                            |                              |

## 8.4 Livestock and fisheries production

| KVK Name | Name of the animal / bird / aquatics | Breed | Type of Produce          | Qty. (kg/qt./litre ) | Value (Rs.) | No. of Beneficiaries |
|----------|--------------------------------------|-------|--------------------------|----------------------|-------------|----------------------|
| Puri     | Fish                                 |       | Fish                     | 7 kg                 |             |                      |
| Puri     | Jayanti Rohu & catla                 |       | Advanced fish fingerling | 17500 unit           |             |                      |

## 9. Activities of Soil and Water Testing Laboratory

## 9.1 Details of soil samples analyzed so far :

| KVK Name | Status of establishment of Lab | Year of establishment | Details | No. of Samples | No. of Farmers | No. of Villages | Amount realized | Soil report distributed to the farmers (Nos) |
|----------|--------------------------------|-----------------------|---------|----------------|----------------|-----------------|-----------------|--|
| Puri     | Mridaparikhyak Mini Lab        | 17.11.15              | -       | 200            | 1135           | 5               | 1,25,000        | 1135   |

## 9.2 Details of water samples analyzed so far :

| KVK Name | Status of establishment of Lab | Year of establishment | Details | No. of Samples | No. of Farmers | No. of Villages | Amount realized | Water report distributed to the farmers (Nos) |
|----------|--------------------------------|-----------------------|---------|----------------|----------------|-----------------|-----------------|---|
| Puri     |                                |                       |         | 48             | 48             | 27              |                 | 48  |

## 10. Rainwater Harvesting - NA

## Training programmes conducted by using Rainwater Harvesting Demonstration Unit

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

## 11. Utilization of Farmers Hostel facilities - NA

| 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) | Accommodation available (No. of beds) |
|----------|--------|------|------------------------------|----------------------|------------------------|----------------------------|--------------------------------|---------------------------------------|
|          |        |      |                              |                      |                        |                            |                                |                                       |

12. Utilization of Staff Quarters facilities -NA

| KVK Name | Year of construction | Year of allotment | No. of quarters occupied | No. of quarters vacant | Reasons for vacant quarters, if any |
|----------|----------------------|-------------------|--------------------------|------------------------|-------------------------------------|
|          | -                    | -                 | -                        | -                      | -                                   |

13. Details of SAC Meeting

| KVK Name | Date of SAC meeting | No. of SAC members attended | Major recommendations   |
|----------|---------------------|-----------------------------|---|
| Puri     | 03.09.2015          | 30                          | Production and popularisation of fish yearling in a larger scale<br>Trials to increase milk production<br>Alternative feed ingredients for fish feed<br>Pointed gourd "Swarna Aloukik", capsicum "California Wonder", floriculture should be popularised<br>Documentation of successful farmers<br>Trial to be conducted for control of mastitis in cow<br>Trial on low land paddy varietySoil test based fertiliser application  |
| Puri     | 04.01.2016          | 30                          | To produce fingerlings inside KVK campus, steps may be taken to prepare pond in water logging areas<br>Rice cum pisciculture system should be developed as a demo unit<br>Seed production programme to be taken on greengram for 9 ha area inside campus with biological control of pest & YMV disease management<br>Planting material of vegetable to be produced by KVK and farmers' field to meet the requirement of the district<br>Soil test based fertilizer application to be adopted in all programmes<br>To develop leaflets of successful farmers for large scale circulation<br>Coconut plants of different varieties to be planted in the border line of the campus<br>Five vocational trainings to be conducted<br>10 in-service trainings to be conducted |

14. Status of Kisan Mobile Advisory (KVK-KMA)

| KVK Name | No. of messages sent | No. of beneficiary |            | Sponsoring agency (NIC, Farmers Portal, etc.) | Major recommendations   |
|----------|----------------------|--------------------|------------|---|---|
|          |                      | Farmers            | Ext. Pers. |   |   |
| Puri     | 74                   | Farmers            | Ext. Pers. |   |   |
| Puri     | 74                   | 32205              | 67         | Farmers Portal                                | Crop production Flood, Cyclone, Pl. Protection measure, Fertilizer application, Awareness, Animal care & feeding, Fish pond management & feeding, Mushroom cultivation, Nutritional gardening |

**15. Status of Convergence with various agricultural schemes (Central & State sponsored)**

| KVK Name | Name of scheme | Name of Agency (Central/state) | Funds received (Rs.) | Activities organized | Operational Area | Remarks |
|----------|----------------|--------------------------------|----------------------|----------------------|------------------|---------|
|          |                |                                |                      |                      |                  |         |
|          |                |                                |                      |                      |                  |         |

**16. Status of Revolving Funds (Rs.)**

| KVK Name | Account No. | Opening balance (Rs.) | Closing balance (Rs.) | Current status (Rs.) |
|----------|-------------|-----------------------|-----------------------|----------------------|
| Puri     | 30356069907 | 445528                | 659415.75             | 815.25               |

**17. Awards & Recognitions**

| KVK Name | Name of award /awardee | Type of award (Ind./Group/Inst./Farmer) | Awarding Organizations    | Amount received |
|----------|------------------------|---|---------------------------|-----------------|
| Puri     | Krusha Karmana         | Dilip Kumar Baral, Farmer               | Govt. India               | 2,00,000        |
| Puri     | Krushaka Bandhu        | KVK Puri ,Institute                     | Bharatiya Krushaka Samaja | Nil             |

**18. Details of KVK Agro-technological Park .**

**a) Have you prepared layout plan, where sent?**

| S.No. | Name of KVK | Technology park proposal developed(yes/no) | If yes, where sent ? (ZPD/DES/any other, pl. sp.) |
|-------|-------------|--|---|
| 1     | Puri        | Yes  | DES   |

**b) Details about Technology Park**

| Name of KVK | Name of Component of Park | Detail Information (If established)  |
|-------------|---------------------------|--|
| Puri        | Crop Cafeteria            | Fodder unit, High value crop (Capsicum, Cabbage, Off Season Onion, Babycorn), Groundnut, Nutritional Garden,(Bean, Greens, Tomato, Potato, Cowpea) |
| Puri        | IFS                       | Fishery, Papaya, Banana, Coconut, Vermicompost, Azolla, Ornamental fish, Baby corn, Fodder, Groundnut  |
| Puri        | Seed production           | Paddy seed, Pulse seed, Biofertiliser, Fish fingerling   |

**c). Crop Cafeteria-**

| Sr. No. | Theme of Crop Cafeteria                                    | No. of Crop Cafeteria |
|---------|--|-----------------------|
| Puri    | Nutritional gardening & nursery for seedlings and saplings | 0.2 ac                |

**19. Farm Innovators- list of 10 Farm Innovators from the District**

| Sr. No. | Name of KVK | Name of Farm Innovator | Name of the Innovation                             | Address of the farmer with Mobile No. |
|---------|-------------|------------------------|--|---------------------------------------|
| 1       | Puri        | Mr. Sanjeet Mohanty    | All season spawn production, Straw cutting machine | Jaispatna, Pipili, 9437278721         |



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|    |      |                           |                                    |                                      |
|----|------|---------------------------|------------------------------------|--------------------------------------|
| 2  | Puri | Mr. Nabakishore Swain     | Polyculture & IFS                  | Barakera, Delanga, Puri, 9938749226  |
| 3  | Puri | Mr. Santosh Kumar Mishra  | Spawn Production                   | Pipili, Puri, 9937310303             |
| 4  | Puri | Mr. Kailash Chandra Sahoo | Fingerling production & IFS        | Subaranapur, Gop, Puri, 9938083617   |
| 5  | Puri | Mr. Bhagirathi Barik      | Olericulture                       | Dalabhanpur, Nimapara, 9238574207    |
| 6  | Puri | Mr. Ratikant Routray      | Goat Farming                       | Godarhi, Delang                      |
| 7  | Puri | Mr. Mahendra Behera       | Betelvine                          | Samakula, Gop, 9777342269            |
| 8  | Puri | Mr. Nirmala Jena          | Fishery                            | Anthara, Nimapara, 9658403059        |
| 9  | Puri | Mrs. Mamata Poojapanda    | IFS(Goat, Fishery, Poultry)        | Chaitana, Gop, 9861045242            |
| 10 | Puri | Mr. Chandrasekhar Behera  | Mushroom spawn                     | Biswanathapur, Satyabadi, 9437653586 |
| 11 | Puri | Mr. Banamali Pradhan      | Pointed Gourd, Triangular standing | Dumukipur, 9040539794                |
| 12 | Puri | Mr. Prakash Chandra Rout  | Capsicum                           | Analpur, Nimapara                    |
| 13 | Puri | Mr. Sanjay Kumar Behera   | Potato                             | Kusumeswar, Satyabadi                |
| 15 | Puri | Mr. Purna Chandra Jena    | Potato                             | Sarbabada, Nimapara                  |
| 15 | Puri | Mr. Pathani Jena          | Spinegourd, Papaya                 | Laxinarayanpur, Pipili               |
| 16 | Puri | Mr. Hadibandhu Sahoo      | Babycorn                           | Satasankha, Pipili                   |
| 17 | Puri | Mr. Rabindra Kumar Bhanja | IFS                                | Atheisha, Satyabadi, 9861511568      |
| 18 | Puri | Mr. Prabhakar Dixhit      | Fish seed production               | Athesia , 9776118362                 |
| 19 | Puri | Mr. Naresh Pradhan        | Fisheries                          | Akhupada, Puri sadar Mob-7064595296  |
| 20 | Puri | Mr. Laxmidhar Swain       | Fisheries                          | Sundara, Astaranga , 9937817474      |
| 21 | Puri | Mr. Ullash Nayak          | Fish fingerling                    | Astaranga, 9937476408                |
| 22 | Puri | Mr. Bichi Panda           | Prawn seed production              | Gudiapokhari, 9040485017             |
| 23 | Puri | Mr. Sukanta Pradhana      | IFS                                | Brahamagiri, 9938005003              |
| 24 | Puri | Mr. Dillip Barad          | Pulse seed production              | Resinga, Delanga 9238987387          |
| 25 | Puri | Mr. Susanta satapathy     | IFS                                | Jaypur, 9437388570                   |

### 20. KVK interaction with progressive farmers

| Sr. No. | Date and month of interaction programme with progressive farmers | No. of progressive farmers to be participated |
|---------|--|---|
| 1       | 10.07.15, Fish Farmers Day                                       | 8   |
| 2       | 03.09.2015, Entrepreneurs meet during SAC                        | 10  |
| 3       | 28.09.15, Farmers Fair, Kharif                                   | 100   |
| 4       | 16.10.15, World Food Day   | 11  |
| 5       | 02.11.15, Swachha Bharat Divas                                   | 8   |
| 6       | 04.12.15 , Women in Agriculture Day                              | 50  |
| 7       | 05.12.15 , World Soil Health Day                                 | 100   |
| 8       | 28.03.16, Farmers Fair, Rabi                                     | 100   |

### 21. Outreach of KVK

| Name of KVK | Number of Blocks |           | Number of Villages |           |
|-------------|------------------|-----------|--------------------|-----------|
|             | Intensive        | Extensive | Intensive          | Extensive |
| Puri        | 8                | 3         | 40                 | 24        |

Intensive- OFTS, FLDS etc

Extensive- Literatures, Publications, Awareness programmes etc.

**22. Technology Demonstration under Tribal Sub Plan on Pulses/ Programme on Harnessing Pulses/ Quality Protein Maize, if applicable. NA**

| Sr. No. | Name of crop under Technology demonstration | Area under the programme | No. of Extension Activities | Remarks / Lessons learnt |
|---------|---|--------------------------|-----------------------------|--------------------------|
|         |   |                          |                             |                          |

**23. KVK Ring**

| Sr. No. | Name of Ring Partner | Sharing Activity                                 | Lessons learnt/ Experiences gained.   |
|---------|----------------------|--|---------------------------------------|
| 1       | Khurdha              | Knowledge ,Information, Resources, Input dealers | Progressive Farmers, Farmer Promoters |
| 2       | Jagatsinghpur        | Knowledge ,Information, Resources, Input dealers | Progressive Farmers, Farmer Promoters |
| 3       | Nayagarh             | Knowledge ,Information, Resources, Input dealers | Progressive Farmers, Farmer Promoters |

**24. Important visitors to KVK**

| Name of KVK | Name of Visitor  | Date of Visit | ICAR | SAUs | Others | Remarks   |
|-------------|--|---------------|------|------|--------|---|
| Puri        | Prof.A.K.Singh,DDG Ag.Extn,ICAR                            | 23.11.15      | ✓    |      |        | Intervention of KVK in heritage village and development of IFS system is highly appreciable |
| Puri        | Prof. Anupam Mishra, ATARI, Jabalpur                       | 23.11.15      | ✓    |      |        | KVK, Puri is highly appreciable   |
| Puri        | Dr.S.D.Singh, ADG, in land fishery                         | 23.11.15      | ✓    |      |        | IFS system feed disbursement unit programme carried by KVK is highly appreciable            |
| Puri        | Sj.Umakanta Samantray, MLA Satyabadi                       | 05.12.15      |      |      | ✓      | Highly pleased with improved technology disseminated by KVK, Puri                           |
| Puri        | Dr.Bibhudha Parasar Prof & Head, Extn Education Dept.,OUAT | 05.12.15      |      | ✓    |        | Appreciated the well organized effort of KVK team   |
| Puri        | Dr.Santanu Mohanty Prof. Soil Sc. & Agrl.Chem.,OUAT        | 05.12.15      |      | ✓    |        | Appreciated the leadership of Senior Scientist & Head and group effort of staff             |
| Puri        | Dr.B.Behera Prof & Head, Agro. Dept.,OUAT                  | 05.12.15      |      | ✓    |        | Expressed satisfaction over the farmer scientist interaction                                |
| Puri        | Dr.P.K.Chahal, ADG,Extension                               | 05.01.16      | ✓    |      |        | KVK, Puri is highly appreciable   |
| Puri        | Prof. Anupam Mishra, ATARI, Jabalpur                       | 05.01.16      | ✓    |      |        | KVK, Puri is highly appreciable   |
| Puri        | Dr.G.S.Parida Prof. Medicine.C.V.Sc &                      | 18.02.16      |      | ✓    |        | Appreciated the livestock activities taken up by KVK  |

|      |  |          |  |   |  |  |
|------|--|----------|--|---|--|--|
|      | A.H.,OUAT  |          |  |   |  |  |
| Puri | Dr.Sangram Biswal<br>Assoc. Prof. Preventive<br>Medicine.C.V.Sc &<br>A.H.,OUAT | 18.02.16 |  | ✓ |  | Gave suggestions to improve the livestock activities in the district |

**25. Status of KVK Website:**

| Sr. No. | Name of KVK | Date of start of website | No. of updates since inception | No. of visitors |
|---------|-------------|--------------------------|--------------------------------|-----------------|
| 1       | Puri        | 01.04.2012               | 10                             | 6163            |

**26. E-CONNECTIVITY -NA**

| Name of KVK | Number and Date of Lecture delivered from KVK Hub |                       |                               |                                | No. of lectors organized by KVK | Brief achievements | Remarks |
|-------------|---|-----------------------|-------------------------------|--------------------------------|---------------------------------|--------------------|---------|
|             | Date  | No. of Staff attended | No. of call received from Hub | No. of Call mate to Hub by KVK |                                 |                    |         |
|             |   |                       |                               |                                |                                 |                    |         |

**27. Status of RTI**

| Sr. No. | Name of KVK | No. of RTI applications received | No. of RTI appeals | Remarks |
|---------|-------------|----------------------------------|--------------------|---------|
| 1       | Puri        | 0                                | 0                  | -       |

**28. Status of Citizen Charter**

| Sr. No. | Name of KVK | Query received( Nos) | Query Disposed( Nos) | Remarks |
|---------|-------------|----------------------|----------------------|---------|
| 1       | Puri        | 234                  | 232                  |         |

**29. Attended HRD Programmes organized by ZPD**

| Name of KVK | Name of Staff            | Post held                 | Programme attended (Nos) | Remarks |
|-------------|--------------------------|---------------------------|--------------------------|---------|
| Puri        | Dr.Anil Kumar Swain      | Senior Scientist and Head | 1                        |         |
| Puri        | Dr. Siddharth Ranabijuli | Scientist (Animal Sc)     | 1                        |         |
| Puri        | Dr. Sangram Paramaguru   | Scientist (Ag Extn)       | 1                        |         |
| Puri        | Mr.Sukumar Taria         | Scientist (plant sc.)     | 1                        |         |
| Puri        | Mr. Pradipta Majhi       | Prog.Asst.(Soil Sc.)      | 1                        |         |
| Puri        | Mrs. J.Udgata            | Scientist (H.Sc)          | 1                        |         |

| Name of KVK | Total Number of staff Attended HRD Programme organized by ZPD (nos) | Total Number of Programme attended (Nos) |
|-------------|---|--|
|             |   |  |

|      |   |   |
|------|---|---|
| Puri | 6 | 6 |
|------|---|---|

**30. Attended HRD Programmes organized by DES**

| Name of KVK | Name of Staff            | Post held                 | Programme attended (Nos) | Remarks |
|-------------|--------------------------|---------------------------|--------------------------|---------|
| Puri        | Dr.Anil Kumar Swain      | Senior Scientist and Head | 1                        |         |
| Puri        | Dr. Siddharth Ranabijuli | Scientist (Animal Sc)     | 1                        |         |
| Puri        | Dr. Sangram Paramaguru   | Scientist (Ag Extn)       | 1                        |         |
| Puri        | Mr.Sukumar Taria         | Scientist (Agro.)         | 1                        |         |
| Puri        | Mr. Pradipta Majhi       | Prog.Asst.                | 1                        |         |
| Puri        | Mrs.Minati Swain         | Prog.Asst.                | 1                        |         |

| Name of KVK | Total Number of staff Attended HRD Programmes organized by DES (nos) | Total Number of Programmes attended (Nos) |
|-------------|--|---|
| Puri        | 6  | 6   |

**31. Attended HRD Programmes by KVK Staff (Refresher course, Short course, Training programme etc.)**

| Name of KVK | Name of Staff | Post held | Programmes attended (Nos) | Remarks |
|-------------|---------------|-----------|---------------------------|---------|
|             |               |           |                           |         |

| Name of KVK | Total Number of staff Attended HRD Programmes by KVK staff (nos) | Total Number of Programmes attended (Nos) |
|-------------|--|---|
|             |  |   |

**32. Agri alert report (Epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)**

| Name of KVK | Alert observed | Particulars | Reported to organization |
|-------------|----------------|-------------|--------------------------|
| Puri        | 0              | 0           | 0                        |
|             |                |             |                          |

**33. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS**

| Name of KVK | Types of Activities      | No. of Activities | Number of Participants | Related crop/livestock technology |
|-------------|--------------------------|-------------------|------------------------|-----------------------------------|
| Puri        | Method Demonstration     | 1                 | 30                     | Vermin composting                 |
| Puri        | Aqua Health Camp         | 1                 | 13                     | Fish health                       |
| Puri        | Women in Agriculture Day | 1                 | 25                     | Nutritional garden                |
| Puri        | SHG Conveners Meet       | 1                 | 25                     | Awareness among SHG               |
| Puri        | Plant Health Camp        | 1                 | 30                     | Pest surveillance                 |

|      |                  |   |    |           |
|------|------------------|---|----|-----------|
| Puri | Soil Health Camp | 1 | 30 | Soil test |
|------|------------------|---|----|-----------|

**34. INTERVENTIONS ON DROUGHT MITIGATION**

**Introduction of alternate crops/varieties**

| Name of KVK | Crops/cultivars | Area (ha) | Number of beneficiaries |
|-------------|-----------------|-----------|-------------------------|
|             |                 |           |                         |

**Major area coverage under alternate crops/varieties**

| Name of KVK | Crops | Area (ha) | Number of beneficiaries |
|-------------|-------|-----------|-------------------------|
|             |       |           |                         |

**Farmers-scientists interaction on livestock management**

| Name of KVK | Livestock components | Number of interactions | No. of participants |
|-------------|----------------------|------------------------|---------------------|
|             |                      |                        |                     |
|             |                      |                        |                     |
|             |                      |                        |                     |

**Animal health camps organized**

| Name of KVK | Number of camps | No.of animals | No.of farmers |
|-------------|-----------------|---------------|---------------|
|             |                 |               |               |

**Seed distribution in drought hit states**

| Name of KVK | Crops | Quantity (qtl) | Coverage of area (ha) | Number of farmers |
|-------------|-------|----------------|-----------------------|-------------------|
|             |       |                |                       |                   |

**Seedlings and Saplings distributed**

| Name of KVK      | Crops | Quantity (No.s) | Coverage of area (ha) | Number of farmers |
|------------------|-------|-----------------|-----------------------|-------------------|
| <b>Seedlings</b> |       |                 |                       |                   |
|                  |       |                 |                       |                   |
|                  |       |                 |                       |                   |
|                  |       |                 |                       |                   |

**Bio-control Agents**

| Name of KVK | Bio-control Agents | Quantity (q) | Coverage of Area (ha) | No. of farmers |
|-------------|--------------------|--------------|-----------------------|----------------|
|             |                    |              |                       |                |

**Bio-Fertilizer**

| Name of KVK | Bio-Fertilizer | Quantity (kg) | Coverage of Area (ha) | No. of farmers |
|-------------|----------------|---------------|-----------------------|----------------|
|             |                |               |                       |                |

**Verms Produced**

| Name of KVK | Verms Produced | Quantity (q) | Coverage of Area (ha) | No. of Farmers |
|-------------|----------------|--------------|-----------------------|----------------|
|             |                |              |                       |                |

**Large scale adoption of resource conservation technologies**

| Name of KVK | Crops/cultivars and gist of resource conservation technologies introduced | Area (ha) | Number of farmers |
|-------------|---|-----------|-------------------|
|             |   |           |                   |
|             |   |           |                   |

**Awareness campaign**

| Name of KVK | Meetings |                | Gosthies |                | Field days |                | Farmers fair |                | Exhibition |                | Film show |                |
|-------------|----------|----------------|----------|----------------|------------|----------------|--------------|----------------|------------|----------------|-----------|----------------|
|             | No.      | No. of farmers | No.      | No. of farmers | No.        | No. of farmers | No.          | No. of farmers | No.        | No. of farmers | No.       | No. of farmers |
|             |          |                |          |                |            |                |              |                |            |                |           |                |

**35. Proposal of NICRA- NA**

**1. Technologies to be Demonstrated**

| Name of Technology | Name of Crop | Area (ha.) | Yield | % change in Yield | No. of farmers benefitted |
|--------------------|--------------|------------|-------|-------------------|---------------------------|
|                    |              |            |       |                   |                           |

**2. Proposed Extension Activities in NICRA Village**

| Name of Activity | Number of Participants/Beneficiaries to be Covered |            |          |       |
|------------------|--|------------|----------|-------|
|                  | Farmers  | Farm Women | Official | Total |
|                  |  |            |          |       |

|  |  |  |  |  |
|--|--|--|--|--|
|  |  |  |  |  |
|--|--|--|--|--|

**3. Proposed Training Activities in NICRA Village**

| Name of Activity | Number of Participants/Beneficiaries to be Covered |            |          |       |
|------------------|--|------------|----------|-------|
|                  | Farmers  | Farm Women | Official | Total |
|                  |  |            |          |       |
|                  |  |            |          |       |

**4. Proposed Activities for Fodder Bank**

| Established (Years) | Capacity | Current Status |
|---------------------|----------|----------------|
|                     |          |                |

**5. Proposed Activities for Seed Bank**

| Established (Years) | Capacity | Current Status |
|---------------------|----------|----------------|
|                     |          |                |

**6. Public Representative/District Administration Visited in NICRA Village**

| Name of Representative/Officer | Designation | Date of Visit | Any Special Remark by Visitors |
|--------------------------------|-------------|---------------|--------------------------------|
|                                |             |               |                                |

**7. Feedback of Farmers for future improvement, if any.**

- Timely availability of quality planting material of high yielding vegetable crops
- Promotion of in house method of mushroom cultivation for higher yield
- Promotion of promising salinity tolerant paddy varieties to mitigate salt stress
- Fingerling production during summer
- Promotion of commercial cultivation of Azolla as alternative cow feed
- INM, IDM & IPM in major crops

**36. Proposed works under NAIP (in NAIP monitoring format)****37. Case study / Success Story to be developed – Two best only in the following format**

**Success from groundnut farming****Profile:**

- **Name:** Sri Laxmidhar Samantasinghar
- **Village:** Kanafasia
- **Block:** Delang
- **Age:** 55
- **Education:** 5<sup>th</sup> Pass
- **Mobile:** 9937161905
- **Land holding:** 3ha
- **Crops grown:** Paddy, greengram, blackgram

Sri Laxmidhar Samantasinghar is a progressive farmer of Village –,of Puri district having 3 ha of land, in which he traditionally cultivated paddy and groundnut. After coming in contact with KVK, Puri he gradually started to show interest in crop diversification for cultivation of groundnut, greengram, blackgram and other crops. Although from last 20 years he was cultivating Groundnut during Rabi season, lack of scientific inputs produced very little profit. After getting technical intervention from KVK, scientist he selected short duration variety Devi for its higher yield, better digestibility, palatability of haulms and oil content percentage. Being Guided by KVK for seed treatment with Rhizobium culture @ 20gm/kg of seeds, timely irrigation with need based spraying of pesticide and insecticide the produce from the crop increased by more than two times.

**Cost of cultivation** of Rs.40500/-/ha for Groundnut.

**Production:** 22 q/ha

**Income:** Rs. 99,000 / ha (@ Rs.45/-/kg of groundnut.)

Motivated by the success he has started the groundnut seed production under the guidance of KVK,Puri. Now, he is taking up Greengram and Black gram along with Groundnut seed production. From all these crops he is earning a profit of Rs.3.10lakhs, he is planning to produce more Groundnut seed during coming Rabi season from additional 1(one) ha of land. Inspired from this success, the farmers of Delanga Block have shown their interest to produce Groundnut seed during next Rabi season.



A Successful Woman Entrepreneur

**Profile:**

- **Name:** Smt. Gouripriya Mohapatra
- **Village:** Nuasahi
- **Block:** Nimapada
- **Age:** 35
- **Education:** 12<sup>th</sup> pass
- **Mobile:** 7735771597
- **Land holding:** 3 Ac
- **Crops grown:** Paddy, Green gram, Vegetables (Cole crops, Okra, potato), Mushroom, Marigold
- **Livestock:** 4 numbers Dairy cattle
- **Social recognition:** Member of SHG

Smt. Gouripriya Mohapatra, an enthusiastic member of the local SHG came in contact with KVK during field visit and survey programme. After attending various training and sensitization events by KVK, she improved her dairy farming by addition of 3 numbers of dairy cattle and fodder cultivation. After getting profit she expanded her horizon to the other sectors like horticulture, mushroom production and fishery. With technical assistance from KVK she started vegetable cultivations like cabbage, cauli flower and further ventured in to high value crops like broccoli, red cabbage, capsicum with higher profits. She also started mushroom cultivation in the coconut orchard and with proper guidance she has now started daily production of mushroom from 100 beds with market conjunction. She continued paddy straw mushroom cultivation during summer in agro shed net fetching good market price. With multifaceted approach towards agriculture, Gouripriya truly represents integrated farming system.

Taking an example from Gouripriya’s success the other members of the SHG has leased the community pond for fish production. With the interventions by KVK, they have already got good profits.

**Income:**

- Mushroom: Rs. 6000 from 100 no. of bed / day
- Vegetables: Rs. 50000 / year
- Dairy: Rs. 6000 / month

| Sr. no. | Name of KVK | No. of success stories | No. of case studies |
|---------|-------------|------------------------|---------------------|
| 1       |             |                        |                     |

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