***FOR OFFICE USE***

**ANNUAL PROGRESS REPORT**

**2014-15**

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**PERIOD – April 2014 to March, 2015**

**Summary of the activities**

| **KVK Name** | **Activity** | **Target** | **Achievement** |  |
| --- | --- | --- | --- | --- |
| **Number of activity** | **No. of farmers/ beneficiaries** | **Number of activity** | **No. of farmers/ beneficiaries** |  **Total value of resource generated/Fund received from diff. sources (Rs.)** |
| Balasore | OFTs | **20** | **216** | **20** | **216** |  |
| Balasore | FLDs – Oilseeds (activity in ha) | **5** | **20** | **5** | **20** |  |
| Balasore | FLDs – Pulses (activity in ha) | **5** | **20** | **5** | **20** |  |
| Balasore | FLDs – Cotton (activity in ha) |  |  |  |  |  |
| Balasore | FLDs – Other than Oilseed and pulse crops(activity in ha) | **21.4** | **125** | **21.4** | **125** |  |
| Balasore | FLDs – Other than Crops (activity in no. of Unit/Enterprise) | **4** | **32** | **4** | **32** |  |
| Balasore | Training-Farmers and farm women | **64** | **1600** | **64** | **1600** |  |
| Balasore | Training-Rural youths  | **9** | **135** | **9** | **135** |  |
| Balasore | Training- Extension functionaries  | **11** | **165** | **11** | **165** |  |
| Balasore | Extension Activities | **1102** | **20713** | **1102** | **20713** |  |
| Balasore | Seed Production (Number of activity as seeds in quintal) | **10.00** | **20** | **10.45** | **17** |  |
| Balasore | Planting material ((Number of activity as quantity of planting material in quintal) |  |  |  |  |  |
| Balasore | Seedling Production (Number of activity as number of seedlings in numbers) | **50000** | **500** | **67200** | **457** |  |
| Balasore | Sapling Production (Number of activity as number of sapling in numbers) |  |  |  |  |  |
| Balasore | Other Bio- products (No. of quantity) | **60q** | **28** | **60q** | **28** |  |
| Balasore | Live stock products | **950** | **117** | **950** | **117** |  |
| Balasore | Activities of Soil and Water Testing Laboratory | **1276** | **822** | **1276** | **822** |  |
| Balasore | Rainwater Harvesting System |  |  |  |  |  |
| Balasore | Kisan Mobile Advisory (KVK-KMA) | **116** | **5150** | **116** | **5150** |  |
| Balasore | SAC Meeting (Date & no. of core/ official members) | **27.08.14****03.02.15** | **60** | **27.08.14****03.02.15** | **60** |  |
| Balasore | Literature to be Developed/Published | **14** | **-** | **14** | **-** |  |
| Balasore | Convergence programmes / Sponsored programmes | **3** | **75** | **3** | **75** |  |
| Balasore | Utilization of Farmers Hostel | **2** | **50** | **2** | **50** |  |
| Balasore | Utilization of Staff Quarters  | **4** | **4** | **4** | **4** |  |
| Balasore | Details of KVK Agro-technological Park |  |  |  |  |  |
| Balasore | Crop Cafeteria- | **1** |  | **1** |  |  |
| Balasore | Farm Innovators- list of 10 farm innovators from the District |  | **10** |  | **10** |  |
| Balasore | Status of Revolving Funds |  |  |  |  |  |
| Balasore | Awards and Recognitions |  |  |  |  |  |
| Balasore | Case study / Success Story to be developed | **2** | **2** | **2** | **2** |  |
| Balasore | KVK Progressive Farmers interaction | **1** | **25** | **1** | **25** |  |
| Balasore | Outreach of KVK in the District (No. of blocks, no. of villages) |  |  | **12** | **28** |  |
| Balasore | Technology Demonstration under Tribal Sub Plan |  |  |  |  |  |
| Balasore | KVK Ring |  |  |  |  |  |
| Balasore | Important visitors to KVK |  |  |  |  |  |
| Balasore | Status of KVK Website |  |  |  |  |  |
| Balasore | Status of RTI  |  |  |  |  |  |
| Balasore | E-connectivity |  |  |  |  |  |
| Balasore | Details of Technology Week Celebrations |  |  |  |  |  |
| Balasore | Interventions on Drought Mitigation  |  |  |  |  |  |
| Balasore | Proposal of NAIP |  |  |  |  |  |
| Balasore | Proposal of NICRA |  |  |  |  |  |
| Balasore | Well labeled photographs |  |  |  |  |  |
| Balasore | Other Activities  |  |  |  |  |  |

**1. GENERAL INFORMATION**

**1.1. Staff Position (as on 31.03.2014)**

| **Name of KVK** | **Sanction post** |  **Name of the incumbent** | **Discipline** | **Higist degree** |  **Subject of specialization** | **Pay scale** | **Present pay** | **Date of joining** | **Per./Temp.** | **Category** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Balasore | Programme Coordinator  | Sri S. K. Mohanty |  Plant Protection  | M. Sc. |  Entomology  |  15600 - 39100 + G P 6000/-  | 27390.00 | 11.06.2012 | Permanent | Others |
| Balasore | Subject Matter Specialist1  | Sri A. C. Dash |  Agronomy  | M. Sc. | Agronomy |  15600 - 39100 + G P 6000/-  | 24320.00 | 20.11.2009 | Temporary | Others |
| Balasore | Subject Matter Specialist2  | Sri M.K.Jena |  Soil Science  | M.Sc. |  Soil Science  |  15600 - 39100 + G P 6000/-  | 27390.00 | 06.02.2014 | Permanent | Others |
| Balasore | Subject Matter Specialist3  | Mrs. A. Patra |  Home Science  | M. Sc. |  Home Science  |  15600 - 39100 + G P 6000/-  | 24320.00 | 28.10.2011 | Temporary | OBC |
| Balasore | Subject Matter Specialist4  | VACANT |  |  |  |  |  |  |  |  |
| Balasore | Subject Matter Specialist5  | VACANT |  |  |  |  |  |  |  |  |
| Balasore | Subject Matter Specialist6 | VACANT |  |  |  |  |  |  |  |  |
| Balasore | Programme Assistant | Sri M. C. Moharana |  Fishery | B. FSc. |  Fishery | 1640-2900 (Pre-revised) | 6,548.00 | 31.01.1991 | Temporary | OBC |
| Balasore | Farm Manager | VACANT |  |  |  |  |  |  |  |  |
| Balasore | Computer Programmer  | Sri G. K. Ojha |  | M. C. A. |  | 9300-34800 + GP 4200/-  | 18320.00 | 13.07.2005 | Permanent | OBC |
| Balasore | Accountant / superintendent | VACANT |  |  |  |  |  |  |  |  |
| Balasore | Stenographer | Sri P.K.Swain |  | B.A. |  | 5200-20200 + GP-2400 | 7600.00 | 06.03.2014 | Temporary | Others |
| Balasore | Driver  | Sri S. K. Das |  | 10th Std. |  | 5200-20200+GP 1900/- | 7540.00 | 27.08.2008 | Temporary | Others |
| Balasore | Driver | Sri B.K.Parida |  | B.A. |  | 5200-20200+GP 1900/- | 7100.00 | 17.02.2014 | Temporary | Others |
| Balasore | Supporting staff | Sri D. N. Das |  | 8th Std. |  | 4440-7440+GP 1300/- | 6290.00 | 01.08.2008 | Temporary | OBC |
| Balasore | Supporting staff | Sri R. K. Mohapatra |  | 8th Std. |  | 4440-7440+GP 1300/- | 6680.00 | 22.12.2008 | Temporary | Others |

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

 Agro climatic zone : North Eastern Coastal Plain Zone

 Geographical area (‘000’Ha) : 377.4

 Cultivated Area (‘000’Ha) : 269.6

 Population (2011)in (‘000 nos.) : 2320

 Male : 1038 : Rural : 1803

 Female : 985 : Urban : 220

 Population density : 610/sq.km.

 Literates (2011) in (‘000’) : 1856 (79.79%)

 Climate : Maximum temperature = 380c Minimum temperature =110c

 Rain fall : 1568 mm.

 Soil type : Alluvial and Laterite

 Farming situation : Rainfed

 Irrigation Potential :

 Kharif : 20.6(‘000’Ha)

 Rabi : 7.2 (‘000’ Ha)

**1.3. DETAILS OF ADOPTED VILLAGE during 1.4.2014 to 31.3.2015 (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)** |
| Balasore | Uplahat | 2013-14 | Bhograi | 33 | 720 | 88 |
| Balasore | Junagadia | 2014-15 | Soro | 85 | 470 | 96 |
| Balasore | Biranchipur | 2013-14 | Simulia | 110 | 550 | 62 |
| Balasore | Babandha | 2014-15 | Nilgiri | 80 | 730 | 120 |
| Balasore | Bhittara bramhottor | 2013-14 | Basta | 26 | 650 | 114 |

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

|  |  |
| --- | --- |
| **KVK Name** | **THRUST AREA** |
| Balasore | Early, medium and flood tolerant high yielding rice varieties. |
| Balasore | High yielding oilseeds cultivation technology. |
| Balasore | High yielding pulse cultivation technology. |
| Balasore | Commercial cultivation of coconut, banana, papaya and hybrid vegetables |
| Balasore | Adoption of mushroom cultivation, beekeeping and vermicompost. |
| Balasore | Encourage organization of farmers/farmwomen & popularization of power plough, seed drills, interculture and harvesting implements. |
| Balasore | Integrated insect pest and disease management practices. |
| Balasore | Profitable betelvine & Jute cultivation. |
| Balasore | Artificial insemination and broiler poultry farming.  |
| Balasore | Intensive fish and fresh water prawn culture.  |
| Balasore | Wasteland afforestation with forest and medicinal plants, integrated farming and utilization of forest produce. |
| Balasore | Integrated nutrient management  |
|  Balasore | Diversified cropping pattern |

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

|  |  |  |  |
| --- | --- | --- | --- |
| **KVK Name** | **Problem identified** | **Methods of problem identification** | **Location Name of Village & Block** |
| **Balasore** | Low yield in vegetables, adoption of local varieties of rice with less market demand | PRA Survey And Group Discussion | Balipal, Remuna |
| **Balasore** | Severe disease incidence and improper nutrient application in Pana Baraj, non adoption of additional income sources like poultry, goatery by the low income families | PRA Survey And Group Discussion | Uplahat, Bhograi |
| **Balasore** | Adoption of local varieties of rice with less market demand, low yield of greengram due to YMV susceptible local varieties, low yield of fish | PRA Survey And Group Discussion | Biranchipur, Simulia |
| **Balasore** | Absence of high value vegetables, indiscriminate use of chemical pesticides & fertilizers | PRA Survey And Group Discussion | Balipal, Remuna |
| **Balasore** | Low yield in vegetables, low yield in fish, lack of exposure for freshwater prawn culture | PRA Survey And Group Discussion | Bhittorbramhattor, Basta |
| **Balasore** | Indiscriminate use of chemical fertilizers & low usage of organic matter | PRA Survey And Group Discussion | Jamudiha, Nilgiri |

**2. On Farm Testing**

**2.1 Information about OFT to be conducted**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **KVK name** | Year/season | **Problem diagnose** | Category of technology (**Assessment/ Refinement**) | Thematic Area | Crop/ enterprise | Farming Situations | Target | No. of trials | Title of OFT | Results (with parameter) | Net Returns (Rs./ha) |
| Farmer practice T1 | Rec. TechT2 | Rec. TechT3 | Rec. TechT4 | T1 | T2 | T3 | T4 |
| Balasore | Kharif-2014 | Low yield due to salt stress | Assessment | Varietal Evaluation | Rice | Rainfed medium land |  | 13 | Assessment of salt tolerant rice variety Luna Sampad | 22.6 | 41.2 |  |  | 7120 | 23065 |  |  |
| Balasore | Kharif-2014 | High cost of cultivation due to manual weeding | Assessment | Weed Management | Rice | Rainfed medium land |  | 13 | Assessment of integrated weed management in transplanted rice | 50.6 | 52.2 | 51.8 |  | 25720 | 33185 | 31785 |  |
| Balasore | Rabi-2014-15 | Low seed and oil yield due to deficiency of nutrients | Assessment | Integrated Nutrient Management | Toria | Irrigated medium land, rice-toria cropping system |  | 13 | Assessment of Integrated Nutrient Management in Toria | 7.40 | 8.86 |  |  | 16250 | 17500 |  |  |
| Balasore | Rabi-2014-15 | Low income from rice cultivation | Assessment | Crop diversification | Maize | Irrigated medium land, rice-rice cropping system |  | 13 | Assessment of Hybrid maize | 65.8 | 62.3 |  |  | 23040 | 18490 |  |  |
| Balasore | Round the year | Low leaf yield of Betel vine due to Zn. Deficiency and non application growth promoter | Assessment | Integrated nutrient management | Betel Vine | Irrigated up land |  | 05 | Assessment of Zn. And Triacontanol on leaf yield of betel vine | 46.24% | 55.6 | 52.07 | 55.6 | 554880 | 945040 | 843692 | 1016500 |
| Balasore | Rabi-2014-15 | Low yield of cucumber due to boron deficiency | Assessment | Integrated nutrient management | Cucumber | Irrigated medium land |  | 13 | Assessment of foliar application of boron mixed with urea in cucumber | 211.5 | 242.8 |  |  | 151300 | 181280 |  |  |
| Balasore | Kharif-2014 | Low yield of rice due to non application of FYM | Assessment | Integrated Nutrient Management | Rice | Irrigated medium land rice-rice cropping system |  | 13 | Assessment of humic acid in transplanted rice | 47.6 | 52.4 |  |  | 21420 | 26380 |  |  |
| Balasore | Rabi,-2014-15 | Low yield of green gram in acid soil due to poor growth and nutrient uptake | Assessment | Integrated Nutrient management | Green gram | Rainfed, medium land |  | 07 | Assessment of Lime application in Green gram | 8.2 | 10.4 | 9.6 |  | 22250 | 30650 | 29150 |  |
| Balasore | Khariff- 2014 | Low Yield due to high corm damage by weevil | Assessment | Integrated pest management | Banana | Irrigated up land |  | 13 | Assessment of integrated management of Banana corm weevil | Continuing |  |  |  |  |  |  |  |
| Balasore | Kharif-2014 | Low yield of okra due to high infestation of borer | Assessment | Integrated Pest management | Okra | Irrigated up land |  | 13 | Assessment of Integrated management of Okra shoot and fruit borer | 145.5 | 176.3 | 182.6 |  | 75500 | 101300 | 126000 |  |
| Balasore | Rabi-2014-15 | Low Yield due to high infestation of mite | Assessment | Integrated pest management | Beans | Irrigated medium land,rice-vegetable cropping system |  | 13 | Assessment of Integrated management of red spider mite in French bean | 81.3 | 103.4 |  |  | 45560 | 70080 |  |  |
| Balasore | Khariff-2014 | Low Yield of rice due to heavy incidents of rice sheath blight | Assessment | Integrated disease management | Rice | Rainfed medium land |  | 07 | Assessment of sheath blight management in rice | 43.9 | 55.6 | 53.7 |  | 15180 | 28490 | 24715 |  |
| Balasore | Kharif-2014 | No pisiciculture due to water availability for 5-6 months only | Assessment | Pisciculture | Nile Tilapia | Rainfed medium land |  | 13 | Assessment of NileTilapia in small unutilized ponds |  | 4.83 |  |  | 4170 | 15480 |  |  |
| Balasore | Kharif-2014 | Low yield due to incidents of argulus, pond siltation | Assessment | Pisciculture | Fish | Irrigated medium land |  | 07 | Assessment of manures for plankton growth in pisiciculture | 28.46 | 31.90 |  |  | 184600 | 219000 |  |  |
| Balasore | Kharif-2014 | Low fish yield due to culture of IMC only, late harvest, under untilization of niche | Assessment | Production management | Fish | Irrigated medium land |  | 07 | Assessment of inter cropping of Javapunti and medium carp with IMC | 26.20 | 28,46 |  |  | 122500 | 140700 |  |  |
| Balasore | Kharif-2014 | Low fish yield due to high infestation of aquatic weeds | Assessment | Weed management | Fish | Irrigated medium land |  | 07 | Assessment of Oxadiargyl for controlling floating aquatic weeds | 26.42 | 28.26 |  |  | 164200 | 182600 |  |  |
| Balasore | Rabi 2014-15 | Drudgery and low efficiency due to manual dehusking | Assessment | Drudgery reduction | Coconut |  |  | 13 | Assessment of coconut dehusker | 12\* | 170\* |  |  |  |  |  |  |
| Balasore | Rabi-2014-15 | Low yield from *Pleurotus sajarcaju* | Assessment | Income generation | Mushroom |  |  | 07 | Assessment of oyster mushroom species | 1.0\*\* | 1.15\*\* | 1.30\*\* |  | 40 | 50 | 61 |  |
| Balasore | Rabi-2014-15 | Low income from rearing poultry breed-Banspatri | Assessment | Income generation | Poultry Bird |  |  | 13 | Assessment of poultry breed Red cornish and Black plymouth rock in backyard | Continuing |  |  |  |  |  |  |  |
| Balasore | Rabi-2014-15 | Low yield and income from cultivation of local variety | Assessment | Varietal evaluation | Papaya | Irrigated up land |  | 13 | Assessment of Papaya cv. Red lady | Continuing |  |  |  |  |  |  |  |

**\*No. of coconuts dehusked/hr**

**\*\* Kg/bed**

**% No. of leaves, lakhs/ha**

**2.1a Recommendations of OFTs**

|  |
| --- |
| **Recommendations** |
| **Title of OFT** | **For Farmers** | **For Deptt. Personnel** |
| Assessment of Salt tolerant rice variety Luna Sampad | Luna Sampad is suitable for cultivation in saline areas  | Luna sampad should be popularized for saline areas. |
| Assessment of sheath blight in rice | Seed treatment with Thiophenate methyl @1.5g/kg seed and alternate spraying of Trifloxystrobin+ Tebuconazole @ 200g/ ha and Thifluzamide 24SC @500 ml/ha controls sheath blight incidence in rice with low PDI. | Seed treatment with Thiophenate methyl @1.5g/kg seed and alternate spraying of Trifloxystrobin+ Tebuconazole @ 200g/ ha and Thifluzamide 24SC @500 ml/ha controls sheath blight incidence in rice with low PDI. |
| Assessment of NileTilapia in small unutilized ponds | Monoculture of Nile Tilapia in unutilized ponds can be a livelihood for farmers  | Culture of Nile Tilapia ( males only ) may be promoted among farmers having small unutilized ponds  |
| Assessment of manures for plankton growth in pisiciculture  | It is better to use poultry manure instead of cow dung in pisciculture for high plankton density and more fish yield  | Emphasis should be given for use of poultry manure in pisciculture  |
| Assessment of inter cropping of Javapunti and medium carp with IMC  | Intercropping of Javapunti and medium carps with IMC gives more fish yield and more profit  | Intercropping of Javapunti and medium carps with IMC may be promoted among the farmers |
| Assessment of Oxadiargyl for controlling floating aquatic weeds | Application of Oxadiargyl in recommended dose completely eradicates floating aquatic weeds | Use of Oxadiargyl may be promoted among the fish farmers  |
| Assessment of coconut dehusker | Low cost, easy to handle, faster dehusking of coconut and safe to use | It should be popularized  |
| Assessment of oyster mushroom species  | H. ulmarius has high biological efficiency, longer shelf life | - |

* 1. **Economic Performance**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **KVK name** | OFT Title | **Parameter** | **Average Cost of cultivation (Rs/ha)** | **Average Gross Return (Rs/ha)** | **Average Net Return (Rs/ha)** | **Benefit-Cost Ratio (Gross Return / Gross Cost)** |
| **FP (T1)** | **RP(T2)** | **RP (T3)** | **RP (T4)** | **FP (T1)** | **RP (T2)** | **RP (T3)** | **RP (T4)** | **FP (T1)** | **RP (T2)** | **RP (T3)** | **RP (T4)** | **FP (T1)** | **RP(T2)** | **RP (T3)** | **RP (T4)** | **FP (T1)** | **RP (T2)** | **RP (T3)** | **RP (T4)** |
| Balasore | Assessment of salt tolerant rice variety Luna Sampad | ParameterEBT/hill-7.8 | 11.6 |  |  | 20000 | 26375 |  |  | 27120 | 49440 |  |  | 7120 | 23065 |  |  | 1.36 | 1.87 |  |  |
| Balasore | Assessment of integrated weed management in transplanted rice | WCE%-85 | 82 | 78 |  | 35000 | 29455 | 30605 |  | 60720 | 62640 | 62160 |  | 25720 | 33185 | 31555 |  | 1.73 | 2.13 | 2.03 |  |
| Balasore | Assessment of Integrated Nutrient Management in Toria | No. of siliqua/plant | 226 | 272 |  | 16250 | 17500 |  |  | 29600 | 35440 |  |  | 13350 | 17940 |  |  | 1.82 | 2.03 |  |  |
| Balasore | Assessment of Hybrid maize  | Dry wt. of cobs/pant, g | 94.3 | 89.6 |  | 62500 | 62500 |  |  | 85540 | 80990 |  |  | 23040 | 18490 |  |  | 1.37 | 1.30 |  |  |
| Balasore | Assessment of Zn. And Triacontanol on leaf yield of betel vine | Vine length, cm 163.5 | 190.6 | 181.5 | 198.7 | 1757120 | 1762960 | 1759808 | 1763500 | 2312000 | 2708000 | 2603500 | 2780000 | 554880 | 945040 | 843692 | 1016500 | 1.32 | 1.54 | 1.48 | 1.58 |
| Balasore | Assessment of foliar application of boron mixed with urea in cucumber  | No.of fruits/plant | 8.2 | 9.8 |  | 60200 | 61520 |  |  | 211500 | 242800 |  |  | 151300 | 181280 |  |  | 3.51 | 3.95 |  |  |
| Balasore | Assessment of humic acid in transplanted rice | EBT/hill, No | 11.4 | 12.6 |  | 35700 | 36500 |  |  | 57120 | 62880 |  |  | 21420 | 26380 |  |  | 1.60 | 1.72 |  |  |
| Balasore | Assessment of Lime application in Green gram |  |  |  |  | 18750 | 21350 | 18850 |  | 41000 | 52000 | 48000 |  | 22250 | 30650 | 29150 |  | 2.19 | 2.44 | 2.55 |  |
| Balasore | Assessment of integrated management of Banana corm weevil | Continuing |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Assessment of Integrated management of Okra shoot and fruit borer | Fruit infestation %- 9.2 | 3.82 | 3.64 |  | 70000 | 75000 | 70000 |  | 145500 | 176300 | 182600 |  | 75500 | 101300 | 12600 |  | 2.07 | 2.35 | 2.60 |  |
| Balasore | Assessment of Integrated management of red spider mite in French bean | Infestation %- 10.3 | 4.1 |  |  | 52000 | 54000 |  |  | 97560 | 124080 |  |  | 45560 | 70080 |  |  | 1.87 | 2.29 |  |  |
| Balasore | Assessment of sheath blight management in rice | Infestation % -11.3 | 0.19 | 0.23 |  | 37628 | 38344 | 39777 |  | 52680 | 66720 | 64440 |  | 15180 | 28490 | 24215 |  | 1.40 | 1.74 | 1.62 |  |
| Balasore | Assessment of NileTilapia in small unutilized ponds | 0.69 | 4.83 |  |  | 1,350 | 13,500 |  |  | 5,520 | 28,980 |  |  | 4,170 | 15,480 |  |  | 3.09 | 2.15 |  |  |
| Balasore | Assessment of manures for plankton growth in pisiciculture  | 28.46 | 31.90 |  |  | 1,00,000 | 1,00,000 |  |  | 2,84,600 | 3,19,000 |  |  | 1,84,600 | 2,19,000 |  |  | 2.84 | 3.19 |  |  |
| Balasore | Assessment of inter cropping of Javapunti and medium carp with IMC  | 26.20 | 28.46 |  |  | 1,00,000 | 1,05,200 |  |  | 2,22,500 | 2,45,900 |  |  | 1,22,500 | 1,40,700 |  |  | 2.22 | 2.34 |  |  |
| Balasore | Assessment of Oxadiargyl for controlling floating aquatic weeds | 26.42 | 28.26 |  |  | 1,00,000 | 1,00.000 |  |  | 2,64,200 | 2,82,600 |  |  | 1,64.200 | 1,82,600 |  |  | 2.24 | 2.83 |  |  |
| Balasore | Assessment of coconut dehusker | Working Heartbeat Rate (WHR) -123 | 100 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Assessment of oyster mushroom species  | Average fruit body weight, g 15 | 19 | 27 |  | 30 | 30 | 30 |  | 70 | 80 | 91 |  | 40 | 50 | 61 |  | 2.3 | 2.6 | 3.0 |  |
| Balasore | Assessment of poultry breed Red cornish and Black plymouth rock in backyard | Continuing |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Assessment of Papaya cv. Red lady | Continuing |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**2.3 Common OFT for KVK Ring (Balasore-Bhadrak-Jajpur)**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **KVK name** | Year/season | **Problem diagnose** | Category of technology (**Assessment/ Refinement**) | Thematic Area | Crop/ enterprise | Farming Situations | Target | No. of trials | Title of OFT | Results (with parameter) | Net Returns (Rs./ha) |
| Farmer practice T1 | Rec. TechT2 | T3 | T4 | T5 | T1 | T2 | T3 | T4 | T5 |
| Balasore | Kharif-2014 | Low yield and income from hybrid rice due to imbalanced use of fertilizers | Assessment | INM | Rice | Rainfed medium land |  | 5 | Assessment of nutrient management strategy in Hybrid Rice in rice based cropping system | 53.8 | 56.4 | 58.3 | 62.8 | 65.2 | 29750 | 32100 | 33675 | 38000 | 40300 |
| Balasore | Kharif-2014 | High cost of ploughing, loss of residual soil moisture, broadcast sowing | Assessment | RCT | Rice | Rainfed medium land |  | 5 | Assessment of resource conservation technology in mustard in rice-mustard cropping system of North Eastern Coastal Plain zone |  |  |  |  |  |  |  |  |  |  |
| Balasore | Rabi-2014-15 | Under utilized pond, Low family income and poor nutritional supplements to the farm family  | Assessment | IFS |  | Irrigated medium land |  | 3 | Assessment of IFS model for marginal farmers | Continuing |  |  |  |  |  |  |  |  |  |

* 1. **Economic Performance**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **KVK name** | OFT Title | **Parameter**  | **Average Cost of cultivation (Rs/ha)** | **Average Gross Return (Rs/ha)** | **Average Net Return (Rs/ha)** | **Benefit-Cost Ratio (Gross Return / Gross Cost)** |
| **FP (T1)** | **RP(T2)** | **RP (T3)** | **RP (T4)** | **RP (T5)** | **FP (T1)** | **RP (T2)** | **RP (T3)** | **RP (T4)** | **RP (T5)** | **FP (T1)** | **RP (T2)** | **RP (T3)** | **RP (T4)** | **RP (T5)** | **FP (T1)** | **RP (T2)** | **RP (T3)** | **RP (T4)** | **RP (T5)** | **FP (T1)** | **RP (T2)** | **RP (T3)** | **RP (T4)** | **RP (T5)** |
| Balasore | Assessment of nutrient management strategy in Hybrid Rice in rice based cropping system | EBT/Hill-15.2 | 16.0 | 16.5 | 17.8 | 19.6 | 37500 | 38400 | 39200 | 40500 | 41200 | 67250 | 70500 | 72875 | 78500 | 81500 | 29750 | 32100 | 33675 | 38000 | 40300 | 1.79 | 1.84 | 1.86 | 1.94 | 1.98 |
| Balasore |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Balasore |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**3. Frontline Demonstrations**

**3.1. Follow-up for results of FLDs implemented during previous years (Upto 2013-14)**

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 |
| Balasore | Rice | IPM | Integrated management of BPH and WBPH in Rice | Training, leaflets, demonstrations, field days, KMA | 21 | 330 | 220 |
| Balasore | Marigold | Export potential of ornamental plants | Cultivation of marigold | Training, leaflets  | 8 | 65 | 4.0 |
| Balasore | Betelvine | IDM | IDM in betelvine | Mass meeting, Demonstration, field days, KMA, trainings | 26 | 325 | 154 |
| Balasore | Jute | Varietal substitution | Cultivation of jute cv. Shrestha | Mass meeting, Demonstration, field days, KMA, trainings | 7 | 90 | 32 |
| Balasore | Rice | IWM | Application of chlorimuron ethyl + metsulfuron methyl (Almix) in rice | FLD, demonstrations, trainings, leaflets | 32 | 270 | 89 |
| Balasore | Groundnut | IWM | Application of Imazethapyr in groundnut | FLD, demonstrations, trainings, leaflets, group discussion | 11 | 110 | 45 |
| Balasore | Rice | Hatchery management & culture of freshwater prawn | Demonstration on Integrated Nutrient Management in saline rice | Training, field day, leaflets | 11 | 55 | 12.0 |
| Balasore | Onion | INM | Demonstration on application of S in onion  | Training | 21 | 164 | 18 |
| Balasore | Betelvine | INM | Integrated Management of Nematode in Betel vine Baraj | Trainings, Booklet | 8 | 86 | 25 |
| Balasore | Cucumber | IPM | Downy mildew management in Cucumber | Training, method demonstration, field days, | 8 | 45 | 10 |
| Balasore | Fish | Composite pisciculture | Management of Red Palm Weevil in Coconut. | Demos, Training, Booklet distribution | 71 | 779 | 82 |
| Balasore | Fish | Composite pisciculture | Demonstration on Pangasius sutchi culture  | -do- | 27 | 619 | 28 |
| Balasore | Pisciculture | Production management | Demonstration on vecti culture  | Training, Booklet distribution | 9 | 59 | 12 |
| Balasore | Bamboo | Production technology | Planting of bamboo as a potential forest crop for wasteland | Demonstration, training, field visit , field day  | 10 | 23 | 28 |
| Balasore | Lac | IFS | Use of lac cultivation in rain trees | Demonstration, training, field visit , field day  | 18 | 62 | 35 |

* 1. **Details of FLDs to be implemented during 2014-15**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **KVK Name** | **Thematic area** | **Name of Crop/ Enterprise** | **Season and year** | **Technology demonstrated** | Crop- Area (ha) / Entrep - No.  | Name of VarietyEntreprizes | Results (q/ha)  | % change | No. of farmers |
| Demons | Check | SC | ST | OBC | Others | Total |
| Balasore | Varietal evaluation | Jute | Kharif-2014 | Demonstration of Jute variety Shrestha | 2  | Shrestha | 31.5 | 26.8 | 17.54 | 0 | 0 | 10 | 0 | 10 |
| Balasore | Weed Management | Rice | Kharif-2014 |  Demonstration on application of Azimsulfuron in transplanted rice | 2 | Swarna | 54.6 | 52.2 | 4.6 | 0 | 0 | 10 | 0 | 10 |
| Balasore | Weed Management | Groundnut | Rabi-2014-15 | Demonstration of application of Imazethapyar in groundnut | 2 | Smurthi | 22.4 | 21.2 | 5.66 | 0 | 3 | 7 | 0 | 10 |
| Balasore | Varietal evaluation | Greengram | Summer-2014-15 | Demonstration on Green gram var. IPM-02-14 | 2 | IPM-02-14 (Shreya) | 10.6 | 8.2 | 29.3 | 0 | 0 | 10 | 0 | 10 |
| Balasore | Integrated nutrient Management | Rice | Kharif-2014 | Demonstration of Customize Leaf color chart for Nitrogen Management in transplanted Rice | 2 | Swarna | 51.5 | 48.64 | 5.88 | 0 | 0 | 10 | 0 | 10 |
| Balasore | Integrated nutrient Management | Rice | Khariff-2014 | Demonstration of Boron application in transplanted Rice | 2 | Swarna | 54.6 | 48.2 | 13.28 | 2 | 1 | 7 | 0 | 10 |
| Balasore | Integrated nutrient Management | Onion | Rabi-2014-15 | Demonstration on application of Sulphur in Onion. | 0.8 | Bhima super  | 43.7 | 34.8 | 25.57 | 0 | 0 | 10 | 0 | 10 |
| Balasore | Problematic soil management | Rice | Kharif, 2014 | Demonstration on Potassium and zinc application for management of iron toxicity in transplanted rice | 2.0 | Swarna | 252.4 | 226.5 | 11.43 | 6 | 0 | 4 | 0 | 10 |
| Balasore | Integrated Pest Management | Rice | Kharif 2014 | Integrated Management of BPH and WBPH in Medium land transplanted Rice | 2 | Swarna | 54.5 | 42.3 | 28.4 | 0 | 3 | 7 | 0 | 10 |
| Balasore | Integrated Pest Management | Betel Vine | Kharif 2014 | Demonstration on Integrated Management of Nematodes in Betel Vine | 0.8 | Balipana | 10.43# | 8.74 | 19.33 | 0 | 0 | 10 | 0 | 10 |
| Balasore | Integrated Pest Management | Chilli | Rabi 2014-15 | Demonstration of Phosalone and Thiomethoxam against control of chilli Thrips | 1.0 | Agnirekha | 123.4 | 93.63 | 31.79 | 0 | 0 | 10 | 0 | 10 |
| Balasore | Composite Pisiculture | Fish | Kharif-2014 | Demonstration on low cost fish feed | 1  | IMC | 28.88 | 27.56 | 4.79 | 0 | 0 | 5 | 0 | 5 |
| Balasore | Composite Pisiculture | Fish | Kharif-2014 | Demonstration on Jayanti Rohu | 1 | Jayanti Rohu | 32.16 | 28.42 | 13.16 | 0 | 0 | 5 | 0 | 5 |
| Balasore | Composite Pisiculture | Fish | Kharif-2014 | Demonstration on Pangasius hypothalamus culture | 0.8  | Pangasius hypothalamus culture | 21.76 | 16.22 | 34.16 | 0 | 0 | 5 | 0 | 5 |
| Balasore | Brakish water Pisiculture | Fish | Kharif-2014 | Demonstration See bass Culture | 1 | See bass | 27.00 |  |  | 0 | 0 | 10 | 0 | 10 |
| Balasore | Income Generation | Poultry Bird | Rabi-2014-15 | Demonstration on Poultry Breed Black rock in backyard |  | Black rock | Continuing |  |  | 0 | 0 | 10 | 0 | 10 |
| Balasore | Income Generation | Mushroom | Rabi-2014-15 | Demonstration on Production of Paddy straw Mushroom in Poly House during Winter |  | V.volvacea | 0.9\* |  |  | 0 | 0 | 10 | 0 | 10 |
| Balasore | Drudgery reduction | Groundnut | Rabi-2014-15 | Demonstration on dry land weeder in groundnut |  |  | 750\*\* | 45 |  | 2 | 0 | 8 | 0 | 10 |
| Balasore | Income Generation | Beekeeping | Rabi-2014-15 | Demonstration on Beekeeping |  | *Apis cerena indica* | Continuing |  |  | 0 | 0 | 2 | 0 | 2 |
| Balasore | ICM | Green gram | Rabi-2014-15 | FLD on pulse | 5 | SML-668 | 10.3 | 8.5 | 21.2 | 0 | 0 | 0 | 20 | 20 |
| Balasore | ICM | Groundnut | Rabi-2014-15 | FLD on oilseed | 5 | Smruti | 24.8 | 18.6 | 33.3 | 0 | 0 | 0 | 20 | 20 |

**\*Kg/bed**

**\*\*Output m2/ha**

**# lakh leaves/ha**

**3.3 Economic Impact of FLD**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **KVK Name** | **Name of Crop/ Enterprise** | **Technology demonstrated** | **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**  | **Demo** | **Check** | **Demo**  | **Check**  | **Demo**  | **Check**  | **Demo**  | **Check**  | **Demo**  | **Local Check**  |
| Balasore | Jute | Demonstration of Jute variety Shrestha | Seed yield, q/ha | 10.5 | 8.3 | 24500 | 23000 | 90300 | 73660 | 65800 | 50660 | 3.69 | 3.20 |
| Balasore | Rice |  Demonstration on application of Azimsulfuron in transplanted rice | WCE, % | 87 | 82 | 29685 | 35000 | 65520 | 62640 | 35835 | 27640 | 2.21 | 1.79 |
| Balasore | Groundnut | Demonstration of application of Imazethapyar in groundnut | WCE, % | 86 | 81 | 36725 | 39000 | 89600 | 84800 | 52875 | 45800 | 2.44 | 2.17 |
| Balasore | Greengram | Demonstration on Green gram var. IPM-02-14 | No. of pods/plant | 32.4 | 26.8 | 21250 | 20500 | 53000 | 41000 | 31320 | 26330 | 2.49 | 2.00 |
| Balasore | Rice | Demonstration of Customize Leaf color chart for Nitrogen Management in transplanted Rice | N saved, Kg/ha | 20.2 |  | 35100 | 35700 | 61800 | 58368 | 26700 | 22668 | 1.76 | 1.63 |
| Balasore | Rice | Demonstration of Boron application in transplanted Rice | No.of chaffs/panicle | 5.6 | 18.3 | 37750 | 37000 | 65520 | 57840 | 27770 | 20840 | 1.74 | 1.56 |
| Balasore | Onion | Demonstration on application of Sulphur in Onion. | Bulb wt, g | 65.7 | 53.8 | 131000 | 128110 | 328120 | 294450 | 197120 | 166340 | 2.50 | 2.30 |
| Balasore | Rice | Demonstration on Potassium and zinc application for management of iron toxicity in transplanted rice | EBT/hill | 12.3 | 9.8 | 36000 | 34000 | 52440 | 41760 | 16440 | 7760 | 1.46 | 1.23 |
| Balasore | Rice | Integrated Management of BPH and WBPH in Medium land transplanted Rice | No. of BPH/hill | 8.9 | 14.1 | 41625 | 38615 | 68125 | 52875 | 26500 | 14260 | 1.64 | 1.37 |
| Balasore | Betel Vine | Demonstration on Integrated Management of Nematodes in Betel Vine | No.of galls/plant | 5.24 | 12.83 | 332165 | 309929 | 521500 | 437000 | 189335 | 127071 | 1.61 | 1.41 |
| Balasore | Chilli | Demonstration of Phosalone and Thiomethocan against control of chilli thrips | Infestation % | 4.98 | 13.02 | 80000 | 75000 | 185100 | 140445 | 105100 | 65445 | 2.31 | 1.87 |
| Balasore | Fish | Demonstration on low cost fish feed | ABW, g |  |  | 80000 | 100000 | 288800 | 275600 | 208800 | 175600 | 3.61 | 2.75 |
| Balasore | Fish | Demonstration on Jayanti Rohu | ABW, g |  |  | 105000 | 100000 | 321600 | 284200 | 216600 | 184200 | 3.06 | 2.84 |
| Balasore | Fish | Demonstration on Pangasius hypothalamus culture | ABW, g |  |  | 59900 | 39990 | 130560 | 81100 | 70660 | 41110 | 2.18 | 2.08 |
| Balasore | Fish | Demonstration See bass Culture | ABW, g |  |  | 250000 |  | 810000 |  | 560000 |  | 3.24 |  |
| Balasore | Poultry Bird | Demonstration on Poultry Breed Black rock in backyard | Growth rate kg/month,  | 0.70 | 0.15 |  |  |  |  |  |  |  |  |
| Balasore | Mushroom | Demonstration on Production of Paddy straw Mushroom in Poly House during Winter | Avg. fruit body wt., g | 26 |  | 77 |  | 131 |  | 54 |  | 1.70 |  |
| Balasore | Groundnut | Demonstration on dry land weeder in groundnut | WHR/min | 134 | 96 | 2400 | 4200 | 1800 |  | 1800 |  |  |  |
| Balasore | Beekeeping | Demonstration on Beekeeping | Continuing |  |  |  |  |  |  |  |  |  |  |
| Balasore | Greengram | FLD on pulse | No.of pods/plant | 33.6  | 24.8  | 20500 | 21250 | 42500 | 51500 | 26330 | 31320 | 2.07 | 2.42 |
| Balasore | Groundnut | FLD on Oilseed | No.of pods/plant | 25.4 | 19.6 | 39000 | 36725 | 74400 | 99200 | 35400 | 62475 | 1.91 | 2.70 |

**3.4 Training and Extension activities conducted under FLD**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **KVK Name** | **Crop** | **Activity** | **No. of activities organized** | **Number of participants** | **Remarks** |
| Balasore | Jute | Training | 1 | 25 |  |
| Balasore | Field day | 1 | 50 |  |
| Balasore | Rice | Training | 4 | 100 |  |
| Balasore | Field day | 4 | 200 |  |
| Balasore | Groundnut | Training | 1 | 25 |  |
| Balasore | Field day | 1 | 50 |  |
| Balasore | Green gram | Training | 1 | 25 |  |
| Balasore | Field day | 1 | 50 |  |
| Balasore | Chilli | Training | 1 | 25 |  |
| Balasore | Field day | 1 | 50 |  |
| Balasore | Onion | Training | 1 | 25 |  |
| Balasore | Field day | 1 | 50 |  |
| Balasore | Fish | Training | 4 | 100 |  |
| Balasore | Field day | 4 | 200 |  |
| Balasore | Betel Vine | Training | 1 | 25 |  |
| Balasore | Field day | 1 | 50 |  |
| Balasore | Poultry Bird | Training | 1 | 25 |  |
| Balasore | Field day | 1 | 50 |  |

**3.5 Details of FLD on crop hybrids.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sr.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 |  |  |  |  |  |  |

**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** |
| Balasore | High cost of input | Personal contact, focused group discussion, data from secondary sources | Judicious utilization of available resources | Farmers will be more decisive |
| Balasore | Dependency on locally available resources | Used PRA tools, Personal contact, focused group discussion, data from secondary sources | Increased yield, optimum utilization of resources, sustainability | Eager to adopt |
| Balasore | Timely unavailability of inputs | Used PRA tools  | Better access to inputs | Interested for adoption |
| Balasore | Marketing of the produce | Used PRA tools, Personal contact, focused group discussion, data from secondary sources | Increased yield and income  | Market demand driven adoption |
| Balasore | Provision of subsidy for the inputs | Used PRA tools, Personal contact, focused group discussion, data from secondary sources | Less dependency on subsidy due to higher profit | Technology centered adoption |

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

|  |  |
| --- | --- |
| **Name of KVK** | **Feedback basic of OFT on Technology Tested** |
| Balasore | Technology to prevent viviparous germination in paddy and groundnut varieties  |
| Balasore | Development of farmer friendly micronutrient (Zn & B) testing kit |
| Balasore | Management of Eryophyte mite in coconut |
| Balasore | Management of wilting in Solanaceous vegetables |
| Balasore | Management of thripps & mites in chilli |

**Abbreviation Used**

|  |  |
| --- | --- |
| FW | (A) Farmers & Farm Women |
| RY | (B) Rural Youths  |
| IS | (C) Extension Personnel |
| ONC | On Campus Training Programme |
| OFC | Off Campus Training Programme |
| M | Male |
| F | Female |
| T | Total |
| **Thematic Areas for Training** |
| CP | Crop Production |
| HOV | Horticulture – Vegetable Crops  |
| HOF | Horticulture-Fruits |
| HOO | Horticulture- Ornamental Plants |
| HOP | Horticulture- Plantation crops |
| HOT | Horticulture- Tuber crops |
| HOS | Horticulture- Spices |
| HOM | Horticulture- Medicinal and Aromatic Plants |
| SFM | Soil Health and Fertility Management |
| LPM | Livestock Production and Management |
| WOE | Home Science/Women empowerment |
| AEG | Agril. Engineering |
| PLP | Plant Protection |
| FIS | Fisheries |
| PIS | Production of Inputs at site |
| CBD | Capacity Building and Group Dynamics |
| AGF | Agro-forestry |
| OTH | Others  |
| RY | Rural Youth |
| IS | Extension Personnel |

**5. TRAINING PROGRAMMES**

**1.** **Training programmes should be strictly covered under above mentioned thematic areas only.**

**2. For category, training type and thematic area, use abbreviations only.**

**Table 5.1: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 to be involved** |
| --- | --- | --- | --- | --- |
| Balasore | FW | Participatory appraisal | 04.03.2014, Bhittara Brahmottara | 45 |
| Balasore | FW | Participatory appraisal | 07.03.2014 Uplat | 50 |
| Balasore | FW | Participatory appraisal | 11.03.2014, Biranchipur | 40 |
| Balasore | FW | Participatory appraisal | 19.03.2014, Junagadia | 35 |
| Balasore | FW | Participatory appraisal | 26.03.2014, Babandha | 40 |
| Balasore | RY | Participatory appraisal | 04.03.2014, Bhittara Brahmottara | 45 |
| Balasore | RY | Participatory appraisal | 07.03.2014 Uplat | 50 |
|  | RY | Participatory appraisal | 11.03.2014, Biranchipur | 40 |
| Balasore | RY | Participatory appraisal | 19.03.2014, Junagadia | 35 |
| Balasore | RY | Participatory appraisal | 26.03.2014, Babandha | 40 |
| Balasore | IS | Participatory appraisal | 28.03.2014, Balasore | 25 |

**Table 5.2.** Details of Training programmes to be conducted by the KVKs.

| Name of KVK | Cate-gory | TrainingType | Thematic area | Training Title | No. ofCourses | Duration (Days) | **Target for No. of participants** | **Participants** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| General | SC | ST | Others |
| M | F | M | F | M | F | M | F |
| **1** | **2** | **3** | **4** | **5** | **7** | **8** |  | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** |
| Balasore | FW | OFC | CP | Techniques to improve jute yield | 1 | 1 | 25 | 00 | 00 | 2 | 00 | 00 | 00 | 23 | 0 |
| Balasore | FW | OFC | CP | Nursery management in Paddy | 1 | 1 | 25 | 03 | 00 | 04 | 00 | 00 | 00 | 18 | 00 |
| Balasore | FW | OFC | CP | Integrated nutrient management in paddy | 1 | 1 | 25 | 00 | 00 | 08 | 00 | 00 | 00 | 17 | 00 |
| Balasore | FW | OFC | CP | Weed management in rice | 1 | 1 | 25 | 04 | 00 | 05 | 00 | 00 | 00 | 16 | 00 |
| Balasore | FW | OFC | CP | Weed management in rice | 1 | 1 | 25 | 06 | 00 | 03 | 00 | 02 | 00 | 14 | 00 |
| Balasore | FW | OFC | CP | Scientific cultivation of toria | 1 | 1 | 25 | 00 | 00 | 00 | 00 | 00 | 00 | 25 | 00 |
| Balasore | FW | OFC | CP | Hybrid maize cultivation | 1 | 1 | 25 | 00 | 00 | 00 | 00 | 00 | 00 | 25 | 00 |
| Balasore | FW | OFC | CP | Agro-techniques to improve Green gram production  | 1 | 1 | 25 | 05 | 00 | 01 | 00 | 00 | 00 | 19 | 00 |
| Balasore | FW | OFC | CP | INM in groundnut | 1 | 1 | 25 | 01 | 00 | 01 | 00 | 00 | 00 | 23 | 00 |
| Balasore | FW | OFC | CP | IWM in pulses | 1 | 1 | 25 | 00 | 00 | 06 | 00 | 00 | 00 | 19 | 00 |
| Balasore | FW | OFC | CP | IWM in groundnut | 1 | 1 | 25 | 00 | 00 | 00 | 00 | 00 | 00 | 25 | 00 |
| Balasore | FW | OFC | CP | Micronutrients management in summer rice | 1 | 1 | 25 | 01 | 00 | 00 | 00 | 07 | 00 | 17 | 00 |
| Balasore | FW | OFC | HOF | Production technology of Elephant foot yam | 1 | 1 | 25 | 00 | 00 | 04 | 00 | 00 | 00 | 21 | 00 |
| Balasore | FW | OFC | HOT | Production technology of leafy vegetables | 1 | 1 | 25 | 00 | 00 | 00 | 00 | 03 | 00 | 20 | 02 |
| Balasore | FW | OFC | HOV | Production technology of brinjal | 1 | 1 | 25 | 00 | 00 | 00 | 00 | 09 | 04 | 07 | 05 |
| Balasore | FW | OFC | HOF | Scientific management of tissue culture banana | 1 | 1 | 25 | 03 | 00 | 02 | 00 | 02 | 00 | 18 | 00 |
| Balasore | FW | OFC | HOT | Production technology of cabbage and cauliflower | 1 | 1 | 25 | 00 | 00 | 00 | 00 | 00 | 00 | 25 | 00 |
| Balasore | FW | OFC | HOV | Scientific management of pineapple | 1 | 1 | 25 | 00 | 00 | 00 | 00 | 00 | 00 | 25 | 00 |
| Balasore | FW | OFC | HOV | Package of practices of tomato and chilli | 1 | 1 | 25 | 00 | 00 | 00 | 00 | 00 | 00 | 20 | 05 |
| Balasore | FW | OFC | HOV | Nutrient management in papaya | 1 | 1 | 25 | 02 | 00 | 00 | 00 | 04 | 00 | 19 | 00 |
| Balasore | FW | OFC | SFM | Importance of soil testing and method of soil sample collection | 1 | 1 | 25 | 2 | 0 | 3 | 0 | 0 | 0 | 19 | 1 |
| Balasore | FW | OFC | SFM | Integrated nutrient management in paddy | 1 | 1 | 25 | 0 | 0 | 2 | 0 | 2 | 0 | 21 | 0 |
| Balasore | FW | OFC | SFM | Use of leaf colour chart (LCC) for nitrogen management in paddy | 1 | 1 | 25 | 05 | 00 | 04 | 01 | 03 | 00 | 11 | 01 |
| Balasore | FW | OFC | SFM | Production technology and uses of Azolla | 1 | 1 | 25 | 16 | 07 | 00 | 00 | 00 | 00 | 01 | 01 |
| Balasore | FW | OFC | SFM | Integrated nutrient management in betel vine | 1 | 1 | 25 | 00 | 00 | 00 | 00 | 00 | 00 | 24 | 01 |
| Balasore | FW | OFC | SFM | Use of micronutrients in vegetable crops | 1 | 1 | 25 | 03 | 00 | 01 | 00 | 00 | 00 | 21 | 00 |
| Balasore | FW | OFC | SFM | Use of bio-fertilizers in vegetable crops | 1 | 1 | 25 | 02 | 00 | 06 | 00 | 00 | 00 | 18 | 01 |
| Balasore | FW | OFC | SFM | Importance of soil testing and method of soil sample collection | 1 | 1 | 25 | 01 | 00 | 00 | 00 | 00 | 00 | 23 | 01 |
| Balasore | FW | OFC | SFM | Management of acid soils | 1 | 1 | 25 | 02 | 00 | 02 | 00 | 00 | 00 | 21 | 00 |
| Balasore | FW | OFC | SFM | Soil and water testing for pisciculture | 1 | 1 | 25 | 00 | 00 | 00 | 00 | 00 | 00 | 24 | 01 |
| Balasore | FW | OFC | SFM | Management of salt affected soils | 1 | 1 | 25 | 03 | 00 | 00 | 00 | 02 | 00 | 17 | 03 |
| Balasore | FW | OFC | SFM | Preparation of quality compost by NADEP method | 1 | 1 | 25 | 04 | 00 | 03 | 00 | 00 | 00 | 18 | 00 |
| Balasore | FW | OFC | PLP | Integrated management of Okra shoot and fruit borer | 1 | 1 | 25 | 02 | 00 | 06 | 00 | 01 | 00 | 16 | 00 |
| Balasore | FW | OFC | PLP | Integrated management of rhinoceros beetle in coconut | 1 | 1 | 25 | 00 | 00 | 00 | 00 | 25 | 00 | 00 | 00 |
| Balasore | FW | OFC | PLP | Integrated management of sheath blight in paddy. | 1 | 1 | 25 | 01 | 00 | 06 | 00 | 00 | 00 | 18 | 00 |
| Balasore | FW | OFC | PLP | Integrated management of curn weevil in banana  | 1 | 1 | 25 | 00 | 00 | 00 | 00 | 21 | 04 | 00 | 00 |
| Balasore | FW | OFC | PLP | Integrated management of BBH/WBPH in paddy | 1 | 1 | 25 | 02 | 00 | 02 | 00 | 00 | 00 | 21 | 00 |
| Balasore | FW | OFC | PLP | Integrated management of Nematode in beetle vine | 1 | 1 | 25 | 05 | 00 | 01 | 00 | 00 | 00 | 19 | 00 |
| Balasore | FW | OFC | PLP | Integrated management of Vine rot in beetle vine | 1 | 1 | 25 | 07 | 00 | 01 | 00 | 02 | 01 | 13 | 01 |
| Balasore | FW | OFC | PLP | Integrated management of Diamond Black moth in cabbage | 1 | 1 | 25 | 01 | 02 | 00 | 00 | 00 | 00 | 12 | 10 |
| Balasore | FW | OFC | PLP | Integrated management of chili thrips | 1 | 1 | 25 | 02 | 00 | 00 | 00 | 08 | 00 | 15 | 00 |
| Balasore | FW | OFC | PLP | Integrated management of Stem borer in Summer paddy | 1 | 1 | 25 | 00 | 00 | 00 | 00 | 00 | 00 | 25 | 00 |
| Balasore | FW | OFC | PLP | Integrated Management of red Spider mite in bean | 1 | 1 | 25 | 08 | 00 | 02 | 00 | 00 | 00 | 15 | 00 |
| Balasore | FW | OFC | PLP | Integrated Management of Fruit blight in Mango. | 1 | 1 | 25 | 00 | 00 | 00 | 00 | 00 | 00 | 25 | 00 |
| Balasore | FW | OFC | FIS | Techniques of Pond Preparation for Pisciculture  | 1  | 1  | 25  | 00 | 00 | 00 | 00 | 00 | 00 | 25 | 00 |
| Balasore | FW | OFC | FIS | Methodology of Manures and Fertilizers application for plankton Production  | 1  | 1  | 25  | 02 | 00 | 02 | 00 | 00 | 00 | 16 | 05 |
| Balasore | FW | OFC | FIS | Preparation of low cost of fish feed  | 1  | 1  | 25  | 09 | 00 | 00 | 00 | 01 | 00 | 15 | 00 |
| Balasore | FW | OFC | FIS | Feeding schedule and feeding Management for Jayanti Rohu Culture  | 1  | 1  | 25  | 02 | 00 | 00 | 00 | 02 | 00 | 19 | 00 |
| Balasore | FW | OFC | FIS | Methodology of Soil and Water Sample Collection.  | 1  | 1  | 25  | 00 | 00 | 00 | 00 | 00 | 00 | 25 | 00 |
| Balasore | FW | OFC | FIS | Use of Poultry Manure for Pisciculture  | 1  | 1  | 25  | 02 | 00 | 00 | 00 | 00 | 00 | 23 | 00 |
| Balasore | FW | OFC | FIS | Techniques of Multiple stocking and Multiple harvesting in Pisciculture  | 1  | 1  | 25  | 00 | 00 | 02 | 00 | 00 | 00 | 23 | 00 |
| Balasore | FW | OFC | FIS | Culture of Tilapia with I.M.C.  | 1  | 1  | 25  | 00 | 00 | 02 | 00 | 01 | 00 | 22 | 00 |
| Balasore | FW | ONC |  WOE | Production of paddy straw mushroom in summer | 1 | 1 | 25 | 0 | 6 | 0 | 3 | 0 | 0 | 16 | 16 |
| Balasore | FW | OFC | WOE | Kitchen gardening for nutritional security | 1 | 1 | 25 | 0 | 2 | 0 | 2 | 0 | 1 | 0 | 20 |
| Balasore | FW | OFC | WOE | Backyard duckery for income generation | 1 | 1 | 25 | 0 | 0 | 0 | 0 | 0 | 25 | 0 | 0 |
| Balasore | FW | OFC | WOE | Use of coconut dehusker | 1 | 1 | 25 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 21 |
| Balasore | FW | OFC | WOE | Backyard rearing of black rock poultry bird | 1 | 1 | 25 | 0 | 0 | 0 | 25 | 0 | 0 | 0 | 0 |
| Balasore | FW | OFC | WOE | Redlady papaya cultivation | 1 | 1 | 25 | 0 | 2 | 0 | 1 | 0 | 2 | 0 | 20 |
| Balasore | FW | OFC | WOE | Backyard rearing of poultry bird poly raja | 1 | 1 | 25 | 0 | 0 | 0 | 0 | 0 | 25 | 0 | 0 |
| Balasore | FW | OFC | WOE | Cultivation of Oyster Mushroom | 1 | 1 | 25 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 23 |
| Balasore | FW | OFC | WOE | cultivation of Paddy Straw Mushroom in Poly House | 1 | 1 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 |
| Balasore | FW | OFC | WOE | Flori culture through of Season mari gold cultivation | 1 | 1 | 25 | 0 | 3 | 0 | 6 | 0 | 4 | 0 | 12 |
| Balasore | FW | OFC | WOE | Use of dry land weeder in groundnut | 1 | 1 | 25 | 0 | 2 | 0 | 2 | 0 | 5 | 0 | 16 |
| Balasore | FW | OFC | WOE | Rearing of honeybee for income generation. | 1 | 1 | 25 | 0 | 2 | 0 | 3 | 0 | 0 | 0 | 20 |
| Balasore | RY | ONC | CP | Hybrid seed production techniques in paddy | 1 | 2 | 15 | 00 | 00 | 00 | 00 | 00 | 00 | 15 | 00 |
| Balasore | RY | ONC | CP | Seed production techniques in pulses  | 1 | 3 | 15 | 00 | 00 | 02 | 00 | 02 | 00 | 11 | 00 |
| Balasore | RY | ONC | SFM | Techniques of vermiculture and vermicomposting | 1 | 2 | 15 | 00 | 00 | 01 | 00 | 00 | 00 | 14 | 00 |
| Balasore | RY | ONC | PLP | Bee keeping | 1 | 2 | 15 | 01 | 00 | 00 | 00 | 02 | 00 | 12 | 00 |
| Balasore | RY | ONC | PLP | Vermi composting and Vermi culture | 1 | 4 | 15 | 01 | 00 | 00 | 00 | 08 | 00 | 06 | 00 |
| Balasore | RY | ONC | FIS | Pond based Integrated farming  | 1  | 3  | 15  | 03 | 00 | 00 | 00 | 00 | 00 | 12 | 00 |
| Balasore | RY | ONC | FIS | Culture of Sea-Bass for Higher Income  | 1  | 3  | 15  | 00 | 00 | 00 | 00 | 05 | 00 | 10 | 00 |
| Balasore | RY | ONC | WOE | Rearing Honey bee for income generation | 1 | 3 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| Balasore | RY | ONC | WOE | Income generation through floriculture | 1 | 3 | 15 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 9 |
| Balasore | IS | ONC | CP | New generation herbicides in crop production | 1 | 2 | 15 | 04 | 00 | 00 | 01 | 00 | 00 | 08 | 02 |
| Balasore | IS | ONC | CP | Contingent crop planning | 1 | 2 | 15 | 02 | 00 | 01 | 00 | 03 | 00 | 05 | 04 |
| Balasore | IS | ONC | HOV | Use of herbicides in horticultural crops | 1 | 2 | 15 | 00 | 00 | 00 | 01 | 02 | 01 | 08 | 03 |
| Balasore | IS | ONC | SFM | Site specific nutrient management | 1 | 2 | 15 | 2 | 0 | 2 | 0 | 3 | 0 | 8 | 0 |
| Balasore | IS | ONC | SFM | Soil related constraints and their amelioration for sustainable crop production | 1 | 2 | 15 | 01 | 00 | 00 | 01 | 01 | 01 | 09 | 02 |
| Balasore | IS | ONC | PLP | Integrated management of pest and diseases in paddy | 1 | 2 | 15 | 08 | 02 | 01 | 00 | 01 | 00 | 03 | 00 |
| Balasore | IS | ONC | PLP | Integrated management of pest and diseases in vegetables | 1 | 2 | 15 | 05 | 02 | 00 | 00 | 02 | 00 | 05 | 01 |
| Balasore | IS | ONC | FIS | Techniques of Fish breeding  | 1  | 1  | 15  | 03 | 00 | 00 | 00 | 00 | 00 | 12 | 00 |
| Balasore | IS | ONC | FIS | Methodology of fish yearling production  | 1  | 1  | 15  | 01 | 00 | 00 | 00 | 00 | 00 | 14 | 00 |
| Balasore | IS | ONC | WOE | Health care of farm women during pregnancy and lactation | 1 | 2 | 15 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 12 |
| Balasore | IS | ONC | WOE | Value addition and cultivation in mushroom | 1 | 2 | 15 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 12 |

## Table 5.3. Details of Vocational training programmes for Rural Youth to be conducted by the KVKs

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Name of KVK** | **Training title** | **Crop / Enterprise** | **Identified Thrust Area** | **Duration of training (days)** | **Number of Beneficiaries** |
|  SC |  ST |  Others |
| M | F | M | F | M | F |
| Balasore | Hybrid seed production techniques in paddy | Paddy | Seed production | 2 | 00 | 00 | 00 | 00 | 15 | 00 |
| Balasore | Seed production techniques in pulses  | Greengram, blackgram | Seed production | 3 | 02 | 00 | 02 | 00 | 11 | 00 |
| Balasore | Techniques of vermiculture and vermicomposting | Vermi | Organic manure | 6 | 01 | 00 | 08 | 00 | 21 | 00 |
| Balasore | Bee keeping | Honey bee | Employment generation | 5 | 00 | 00 | 02 | 00 | 13 | 15 |
| Balasore | Pond based Integrated farming  | Fish | Sustainable agriculture | 3  | 00 | 00 | 00 | 00 | 15 | 00 |
| Balasore | Culture of Sea-Bass for Higher Income  | Fish | Pisciculture | 3  | 00 | 00 | 05 | 00 | 10 | 00 |
| Balasore | Income generation through floriculture | Marigold | Employment generation | 3 | 0 | 0 | 0 | 6 | 0 | 9 |

**Table 5.4. Details of training programme to be conducted for Livelihood Security in rural areas by the KVKs**

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

**Table 5.5. Sponsored Training Programmes**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name of KVK** | **Title** | **Thematic area (as given in abbreviation table)** | **Sub-theme (as per column no 5 of Table T1)**  | **Client****(FW/ RY/ IS)** | **Dura-tion (days)** | **No. of courses** | No. of Participants | **Sponsoring Agency** | **Fund received for training (Rs.)** |
| Others | SC | ST |
| M | F | M | F | M | F |
| Balasore | INM in rice | INM |  | FW | 2 | 1 | 16 | 0 | 4 | 0 | 5 | 0 | ATMA |  |
| Balasore | IPDM in rice | IPDM |  | FW | 2 | 1 | 21 | 0 | 4 | 0 | 0 | 0 | ATMA |  |
| Balasore | Soil health management | SFM |  | FW | 2 | 1 | 18 | 0 | 6 | 0 | 1 | 0 | ATMA |  |

**Table 5.6 Training Programmes for Panchayatiraj Institutions Office-bearers & 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)** | **Dura-tion (days)** | **No. of courses** | No. of Participants | **Sponsoring Agency** | **Fund received for training (Rs.)** |
| Others | SC | ST |
| M | F | M | F | M | F |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**Table 5.7 Evaluation/Follow up & Impact of the training programmes conducted by the KVK (all types of trainings)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Name of KVK** | Title of the training | No. of trainees | Change in knowledge (Score) | Change in Production (q/ha) | Change in Income (Rs) | Impact on 1. Area expanded (ha)
2. No. of farmers adopted (no.)
3. % change in knowledge, production & Income
 |
| Before | After | Before | After | Before | After |
| Balasore | Weed management in rice | 25 | 12 | 70 | 48 | 52 | 15050 | 20600 | 40ha, 50 no, 58%, 8%, 36% |
| Balasore | Nursery management in Paddy | 25 | 22 | 67 | 48.4 | 51.7 | 22740 | 28870 | 1000 ha, 567, 45%, 3.3%, 26.9% |
| Balasore | Integrated nutrient management in paddy | 25 | 41 | 72 | 47 | 54.1 | 47500 | 55000 | 250ha, 75.6%, 17.89%, 15.7% |
| Balasore | Agro-techniques to improve Green gram production  | 25 | 55 | 74 | 8 | 10 | 7500 | 12500 | 198 no, 198no, 34.5%, 73.3%, 66.6 |
| Balasore | INM in groundnut | 25 | 42 | 78 | 16 | 20 | 48125 | 67500 | 496 ha, 277, 85.71%, 40.26%, 36.4% |
| Balasore | Production technology of brinjal | 25 | 41 | 68 | 176 | 202 | 52000 | 66000 | 528ha, 365no, 65%, 26.9%, 61.5% |
| Balasore | Integrated nutrient management in betel vine | 25 | 32 | 52 | 195750 | 238500 | 146812 | 178875 | 25no, 18, 62%, 21.8%, 18.6% |
| Balasore | Importance of soil testing and method of soil sample collection | 25 | 28 | 54 |  |  | 175000 | 469000 | 26 ha, 49no, 92%, 142.5%, 168% |
| Balasore | Management of acid soils | 25 | 6 | 20 |  |  | 214600 | 288800 | 11 ha, 18 no, 233%, 30.1%, 34.5% |
| Balasore | Integrated management of sheath blight in paddy. | 25 | 40 | 73 | 43 | 56.4 | 170 | 210 | 260no, 82.5%, 29.41%, 23.53% |
| Balasore | Integrated management of BBH/WBPH in paddy | 25 | 5 | 24 | 42 | 49 |  | 2230 | 20 no., 10no, 380%,  |
| Balasore | Integrated management of Nematode in beetle vine | 25 | 32 | 52 | 195750 | 238500 | 146812 | 178875 | 25no, 18, 62%, 21.8%, 18.6% |
| Balasore | Integrated management of Vine rot in beetle vine | 25 | 45 | 57 | 336000 | 416000 | 52140 | 65090 | 120 ha, 242no, 26.6%, 23.8%, 24.8% |
| Balasore | cultivation of Paddy Straw Mushroom in Poly House | 25 | 35 | 64 |  | 0.8kg/bed |  | 120 | 164 no, 82.8%, 243.5%, 188.5% |
| Balasore | Floriculture through of Season marigold cultivation | 25 | 18 | 46 |  | 82 | 240000 | 360000 | 12ha, 52no,155%, 41.6%, 68.7% |
| Balasore | Rearing of honeybee for income generation | 25 | 33 | 62 | 0.008 | 0.011 | 48 | 66 | 35 no, 35 no, 87.8%, 37.5%, 49%  |
| Balasore | Feeding schedule and feeding Management for Jayanti Rohu Culture  | 25 | 41 | 68 | 32 | 47 | 171500 | 32500 | 128ha, 365no, 65%, 26.9%, 61.5% |
| Balasore | Backyard duckery for income generation | 25 | 33 | 62 |  |  | 48 | 66 | 35 no, 35 no, 87.8%, 37.5%, 49%  |

**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** |
| Balasore | Field Day | 16 | 15 | 399 | 100 | 205 | 46 | 25 | 11 |  |  |  |
| Balasore | Kisan Mela | 2 | 2 | 1815 | 561 | 551 | 179 | 128 | 66 |  |  |  |
| Balasore | Kisan Ghosthi | 8 | 8 | 120 |  |  |  |  |  |  |  |  |
| Balasore | Exhibition | 2 | 6 | 2766 | 623 | 342 | 123 | 122 | 24 |  |  |  |
| Balasore | Film Show | 100 | 110 | 1788 | 535 | 551 | 276 |  |  |  |  |  |
| Balasore | Method Demonstrations | 25 | 32 | 272 | 12 | 116 | 0 | 0 | 0 |  |  |  |
| Balasore | Farmers Seminar | 4 | 4 | 100 |  |  |  |  |  |  |  |  |
| Balasore | Workshop | 4 | 2 | 57 | 23 |  |  |  |  |  |  |  |
| Balasore | Group meetings | 30 | 18 | 121 | 32 | 23 | 20 |  |  |  |  |  |
| Balasore | Lectures delivered as resource persons | 50 | 130 | 3200 | 50 | 0 | 0 |  |  |  |  |  |
| Balasore | Newspaper coverage | 12 | 12 |  |  |  |  |  |  |  |  |  |
| Balasore | Radio talks  | 10 | 3 |  |  |  |  |  |  |  |  |  |
| Balasore | TV talks  | 10 | 0 |  |  |  |  |  |  |  |  |  |
| Balasore | Popular Articles | 12 | 6 |  |  |  |  |  |  |  |  |  |
| Balasore | Extension Literature | 10 | 10 |  |  |  |  |  |  |  |  |  |
| Balasore | Farm Advisory Services | 30 | 116 | 4149 |  |  |  |  |  |  |  |  |
| Balasore | Scientific visit to farmers field | 1100 | 560 |  |  |  |  |  |  |  |  |  |
| Balasore | Farmers Visit to KVK | 1200 | 2285 |  |  |  |  |  |  |  |  |  |
| Balasore | Diagnostic Visits | 50 | 46 | 500 | 120 | 100 |  |  |  |  |  |  |
| Balasore | Exposure Visits | 5 | 10 | 10 |  |  |  |  |  |  |  |  |
| Balasore | Ex-trainees Sammelan | 4 | 1 | 25 |  |  |  |  |  |  |  |  |
| Balasore | Soil Health Camp | 2 | 2 | 76 | 24 |  |  |  |  |  |  |  |
| Balasore | Animal Health Camp | 5 | 3 | 64 | 28 |  |  |  |  |  |  |  |
| Balasore | Agri Mobile Clinic | 5 | 1 | 50 |  |  |  |  |  |  |  |  |
| Balasore | Soil Test Campaigns | 2 | 2 | 100 |  |  |  |  |  |  |  |  |
| Balasore | Farm Science Club conveners meet | 2 | 1 | 25 |  |  |  |  |  |  |  |  |
| Balasore | Self Help Group conveners meetings | 2 | 2 |  | 60 |  |  |  |  |  |  |  |

**7. Production and supply of Technological products**

**7.1 SEED production**

| **KVK Name** | **Major group/class** | **Crop** | **Variety** | **Type of produce****(for Seed produced type here SD; For Planting Material type here PM)** | **Quantity** | **Unit for quantity of produces****(qtl for SD and Nos for PM)** | **Value (Rs.)** | **Provided to No. of Farmers** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Balasore | Cereals | Paddy | Parijata | SD | 10.45 | Qtl | 26083 |  |
| Balasore | Mushroom | Mushroom Spawn |  |  | 2155 | Nos. | 25860 |  |

**7.2 Planting Material production**

| **KVK Name** | **Major group/class** | **Name****of the crop** | **Date of sowing** | **Date of harvest** | **Area (ha)** | **Details of production** | **Amount (Rs.)** | **Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Variety** | **Type of Produce** | **Qty.** | **Cost of inputs** | **Gross income** |
| Balasore | Vegetables | Brinjal, Tomato, Chilli, Cauliflower,Cabbagae |  |  |  |  | PM | 67200 | 15000 | 26880 |  |
| Balasore | Fruits | Papaya |  |  |  | Sinta | PM | 1349 | 11720 | 26980 |  |

**7.3 Production Units (bio-agents / bio pesticides/ bio fertilizers etc.,)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **KVK Name** | **Name of the Product** | **Qty** | **Amount (Rs.)** | **Remarks** |
| **Cost of inputs** | **Gross income** |
| Balasore | **BIOAGENTS** |  |  |  |  |
| Balasore | **BIOFERTILIZERS** |  |  |  |  |
| Balasore | **BIO PESTICIDES** |  |  |  |  |
| Balasore | **Vermicompost** | 60 q | 14360 | 30000 |  |

**7.4 Livestock and fisheries production**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| KVK Name  | Nameof the animal / bird / aquatics | Details of production | Amount (Rs.) | Remarks |
| Breed | Type of Produce | Qty. | Cost of inputs | Gross income |
| Balasore | **Cattle** |  |  |  |  |  |  |
| Balasore | **Buffalo** |  |  |  |  |  |  |
| Balasore | **Sheep and Goat** |  |  |  |  |  |  |
| Balasore | Poultry | Banaraja | Chicks | 950 | 39701 | 49450 |  |
| Balasore | **Fisheries** |  |  |  |  |  |  |
| Balasore | **Others (Specify)** |  |  |  |  |  |  |

**8. Activities of Soil and Water Testing Laboratory**

Status of establishment of Lab : YES

Year of establishment : 2010

8.1 Details of soil & water samples analyzed so far :

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| KVK Name | Type | No. of Samples | No. of Farmers | No. of Villages | Amount released | Resources to be generated |
| Balasore | Soil Sample | 1022 |  | 35 | 5000 |  |
| Balasore | Water Sample | 254 |  | 35 |  |  |

**9. Rainwater Harvesting, if available.**

Training programmes to be conducted by using Rainwater Harvesting Demonstration Unit 

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

10. **Kisan Mobile Advisory (KVK-KMA)**

|  |  |  |  |
| --- | --- | --- | --- |
| **KVK Name**  | **No. of messages to be sent** | **No. of beneficiaries** | **Major recommendations** |
|  |  | Farmers  | Ext. Pers. |  |
| Balasore | 116 | 5000 | 150 |  |
|  |  |  |  |  |

**11. Details of SAC Meeting**

|  |  |  |  |
| --- | --- | --- | --- |
| **KVK Name**  | **Date of SAC meeting** | **No. of SAC members attended** | **Major recommendations** |
| Balasore | 27.08.14 | 30 |  |
| Balasore | 03.02.15 | 30 |  |

**12. Literature to be Last Developed/Published (with full title, author & reference)**

**12.1 KVK Newsletters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **KVK Name** | **Date of start** | **Periodicity** | **Number of copies to be printed** | **Number of copies to be distributed** |
| Balasore | April | Quarterly | 500 | 500 |
| Balasore | July | Quarterly | 500 | 500 |
| Balasore | October | Quarterly | 500 | 500 |
| Balasore | January | Quarterly | 500 | 500 |

**12.2 Details of Electronic Media to be Produced**

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

 **12.3 PUBLICATIONS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Category**  | **Number**  | **Date of start** | **Periodicity** | **Number of copies to be printed** | **Number of copies to be distributed** |
|  |  | **Type** | **Title** | **Author’s name** | **Number of copies** |
| Research Paper |  |  |  |  |  |
| Technical bulletins |  |  |  |  |  |
| Technical reports | 8 |  |  |  |  |
| Popular article | 6 |  |  |  |  |
| News paper coverage | 12 |  |  |  |  |
| **Year Planner**  | 1 |  |  |  |  |
| Others (pl. specify) |  |  |  |  |  |

**13. 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** |
| Balasore | ATMA | Central | 160000 | Farmer scientist interaction, Training | Balasore Dist | - |
| Balasore | MNREGA | - | - | - | - | - |
| Balasore | NHM | - | - | - | - | - |
| Balasore | RKVY | - | - | - | - | - |
| Balasore | DRDA | - | - | - | - | - |
| Balasore | Zila Panchyat | - | - | - | - | - |
| Balasore | Seed Village | - | - | - | - | - |
| Balasore | NAIP | - | - | - | - | - |
| Balasore | Climate Change | - | - | - | - | - |
| Balasore | Others (Plz. Specify) | - | - | - | - | - |

**14. Utilization of Farmers Hostel.**

 **Accommodation available (No. of beds):**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **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)** |
| Balasore | February | 2015 | INM in rice | 2 | 25 | 50 |  |
| Balasore | February | 2015 | IPDM in rice | 2 | 25 | 50 |  |

**15. Utilization of Staff Quarters.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **KVK Name**  | **Year of construction** | **Year of allotment** | **No. of quarters occupied** | **No. of quarters vacant** | **Reasons for vacant quarters, if any** |
| Balasore | 2007 | 2008 | 4 |  |  |
| Balasore |  |  |  |  |  |
| Balasore |  |  |  |  |  |

16. Details of KVK Agro-technological Park –

a) Have you prepared layout plan, where sent?

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

b) Details about Technology Park

|  |  |  |
| --- | --- | --- |
| Name of KVK | Name of Component of Park | Detail Information (If established) |
| Balasore | Crop Cafeteria | 2015 |
|  | Technology Desk |  |
|  | Visitors Gallery |  |
|  | Technology Exhibition |  |
|  | Technology Gate-Valve |  |

**c). Crop Cafeteria-**

|  |  |  |
| --- | --- | --- |
| Sr. No. | Theme of Crop Cafeteria | No. of Crop Cafeteria |
| 1 | Display of ruling varieties of crops and vegetables for the district | 1 |
|  |  |  |
|  |  |  |

**17. 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 | Balasore | Ramkrushna Ranjit | IFS | Katisahi, Baliapal |
| 2 | Balasore | Bidubhusan Kanungo | Hybrid paddy seed cultivation | R R pur, Jaleswar |
| 3 | Balasore | Ananta Jena | Vermicompost & Vermiwash | Kushdiha |
| 4 | Balasore | Anjan Biswal | Pond based IFS | Nimpal, Remuna |
| 5 | Balasore | Anajan Dandpat | Sea bass culture | Sahada |
| 6 | Balasore | Ananta Rout | Betelvine | Dagara |
| 7 | Balasore | Bimal Kar | Betelvine | Choumukh |
| 8 | Balasore | Baida behera | Poultry | Babandh |
| 9 | Balasore | Badal patra | Mushroom spawn | Balasore |
| 10 | Balasore | Ajaya See | Honey bee | Khagdapal |

**18. KVK interaction with progressive farmers**- each KVK had already sent a list of 100 progressive farmers to the ZPD, Zone VII, Jabalpur.

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Date and month of interaction programme with progressive farmers** | **No. of progressive farmers to be participated** |
| 1 |  |  |
|  |  |  |

**19. Outreach of KVK**

|  |  |  |
| --- | --- | --- |
| Name of KVK | Number of Blocks | Number of Villages |
| Intensive | Extensive | Intensive | Extensive |
| Balasore | 5 | 7 | 5 | 23 |
| Balasore |  |  |  |  |
| Balasore |  |  |  |  |

Intensive- OFTS, FLDS etc

Extensive- Literatures, Publications, and Awareness programme etc.

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

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

**21. KVK Ring**

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No. | Name of Ring Partner | Sharing Activity | Lessons learnt/ Experiences gained. |
| 1 | KVK, Bhadrak | Kisan Mela cum Exhibition |  |
| 2 | KVK, Mayurbhanj | Exhibition |  |

22. Important visitors to KVK

|  |  |  |  |
| --- | --- | --- | --- |
| Name of KVK | Name of Visitor | Date of Visit | Remarks |
| Balasore | Dr. S. S. Nanda, DEE, OUAT | 27.08.14 & 03.02.15 |  |
| Balasore | Sri G. Pal, DDA, Balasore | 27.08.14 & 03.02.15 |  |
| Balasore | O. P. Rath, DDH, Balasore | 27.08.14 & 03.02.15 |  |
| Balasore | Dr. D. K. Panda, Sr. Scientist,DWM, ICAR, BBSR | 27.08.14  |  |
| Balasore | S. S. Bhoi, DFO, Balasore | 27.08.14  |  |

23. Status of KVK Website:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sr. No. | Name of KVK | Date of start of website | No. of updates since inception | No. of visitors |
|  | Balasore | 27.08.14 | 5 |  |
|  |  |  |  |  |
|  |  |  |  |  |

24. Status of RTI

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No. | Name of KVK | No. of RTI applications received | No. of RTI appeals |
|  |  |  |  |
|  |  |  |  |

**25. E-CONNECTIVITY (ERNET Lab)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **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 |  |
|  |  |  |  |  |  |  |  |

**26. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name of KVK** | **Types of Activities** | **No. of****Activities** | **Number of****Participants** | **Related crop/livestock technology** |
| Balasore | Gosthies | 2 | 30 |  |
| Balasore | Lectures organized | 10 | 250 |  |
| Balasore | Exhibition | 2 | 200 |  |
| Balasore | Film show | 25 | 1500 |  |
| Balasore | Fair |  |  |  |
| Balasore | Farm Visit | 4 | 37 |  |
| Balasore | Diagnostic Practical’s |  |  |  |
| Balasore | Distribution of Literature (No.) | 6 | 200 |  |
| Balasore | Distribution of Seed (q) |  |  |  |
| Balasore | Distribution of Planting materials (No.) |  |  |  |
| Balasore | Bio Product distribution (Kg) |  |  |  |
| Balasore | Bio Fertilizers (q) |  |  |  |
| Balasore | Distribution of fingerlings (No) |  |  |  |
| Balasore | Distribution of Livestock specimen (No.) |  |  |  |
| Balasore | Total number of farmers visited the technology week |  | 1957 |  |

**27. INTERVENTIONS ON DROUGHT MITIGATION**

**Introduction of alternate crops/varieties**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl.****No.** | **Name of KVK** | **Crops/cultivars** | **Area (ha)** | **Number of beneficiaries**  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl.****No.** | **Name of KVK** | **Crops** | **Area (ha)** | **Number of beneficiaries**  |
|  |  | Oilseeds |  |  |
|  |  | Pulses |  |  |
|  |  | Cereals |  |  |
|  |  | Vegetable crops |  |  |
|  |  | Tuber crops |  |  |
|  |  | Fruits |  |  |
|  |  | Spices |  |  |
|  |  | Cotton |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  | **Total** |  |  |

**Farmers-scientists interaction on livestock management**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl.****No.** | Name of KVK  | **Livestock components**  | **Number of interactions**  | **No.of participants**  |
|  |  | Dairy Management |  |  |
|  |  | Disease management  |  |  |
|  |  | Feed and fodder technology |  |  |
|  |  | Poultry management |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

**Animal health camps to be organized**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of KVK** | **Number of camps** | **No.of animals**  | **No.of farmers**  |
| Balasore | 2 | 600 | 300 |

**Seed distribution in drought hit states**

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

**Seedlings and Saplings to be distributed**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name of KVK** | **Crops** | **Quantity (No.s)** | **Coverage of area (ha)** | **Number of farmers** |
| **Seedlings** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

**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 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**  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |

**28. Proposal of NICRA**

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** |
|  |  |  |

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

8. Good Action Photographs after work progress (step-wise)

**29. Proposed works under NAIP (in NAIP monitoring format)**

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **KVK Name**  | **Account No.** | **Opening balance (Rs.)** | **Closing balance (Rs.)** | **Current status (Rs.)** |
| Balasore | 17550200000062 | 231931 | 339354 | 339354 |
|  |  |  |  |  |
|  |  |  |  |  |

**31. Awards & Recognitions**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **KVK Name**  | **Name of award /awardee** | **Type of award (Ind./Group/Inst./Farmer)** | **Awarding Organizations** | **Amount received**  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

**32. Case study / Success Story to be developed – Two best only in the following format**

Name of the KVK, **TITLE, Introduction,** KVK intervention, Output, Outcome, Impact

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. no. | Name of KVK | No. of success stories | No. of case studies |
| 1 | Balasore | 2 |  |
|  |  |  |  |

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

**\*\*\*\*\***