**ANNUAL PROGRESS REPORT**

**April 2013 to March 2014**

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**Instructions for Filling the Format**

1. **Do not change/modify/ delete any column of any of the table. However, additional rows can be created, if required.**
2. **Do not merge columns, rows.**
3. **Please repeat the name of KVK in each table in the column “Name of KVK”**
4. **Do not fill the non-numerical values in numeric field**
5. **Do not repeat the unit while reporting data as it is already mentioned in the heading row**
6. **Strictly fill the data in desired unit only. If it is reported in other unit, convert it in the desired unit**
7. **Please mention only standard English names of crops (Do not mention Urd, Arhar, Til, Kulthi, Moong, Bajra, etc.)**
8. **Additional relevant information may be provided at the end of Format by creating heading “Additional Information”**
9. **Also read the instructions mentioned just below the table**
10. **Your suggestions for improvement in the format for your simplicity as well as data compilation may be given at the end of the format**
11. **Do not press any Enter Key in any of the columns while making entry in the columns of the table. Use only arrow key /Tab key/ mouse pointer while movement from one column/row to another.**
12. **Gray color cells in summary table need not to be filled.**
13. **Crop name should be spelled correct and standard English name should be used i.e Cereals, Pulses, Oilseed:- Rice (not use Paddy), Wheat, Barley, Kodo, Kutki, Maize, Jwar, Bajra, Pigeon pea (not use Tur, Arhar, Red gram), Blackgram (not use Urd), Greengram (not use Moong/Moongbean), Chickpea (not use Horse gram, Gram, Chana), Field pea, Horse gram (Kulthi), Lentil, Mustard (not use Rai, Sarsoan), Soybean, Linseed, Groundnut, Sesame (not use Til), Niger (not use Ram Til), Safflower (not use Kusum).**

**Vegetable :- Vegetable pea, Bottle guard, Bitter guard, Okra (not use Bhindi or Ladies finger).**

**Fruits :- Mango, Guava, Custard apple, Pear etc.**

**Spices :- Black Peeper, Turmeric, Ginger, Cardamom etc.**

**REPORTING PERIOD – April 2013 to March 2014**

**Summary of KVK Annual Report (Quantifiable Achievement) for the year 2013-14**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.N.** | **Quantifiable Achievement**  | **Number** | **Beneficiaries (nos.)** |
| **1** | **On Farm Testing**  |
|  | Proposed OFT | **24** | 312 |
|  | On Going OFT | **06** | 78 |
|   | Technologies assessed (Completed OFT) | **15** | 195 |
|   | Technologies refined  |  |   |
|   | On farm trials conducted  | **21** | 273 |
| **2** | **Frontline demonstrations** |  |  |
|  | Proposed Frontline demonstrations | 24  | 240 |
|  | On Going Frontline demonstrations |  07 | 65 |
|  | FLDs conducted on crops  | 16 |   |
|  | Area under crops (ha.) | 16.29  |   |
|   | FLD on farm implement and tools  |   |   |
|   | FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)  |   |   |
|   | FLD on Fisheries - Finger lings  | 02 | 20  |
|   | FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.) | 01 | 10  |
|   | FLD on Women in Agriculture - ( Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.) | 3 | 15 |
| **3** | **Training programmes** |  **No. of Course**  | **Duration (days)** | **Participants** |
|  |  Farmers  |  60 | 60 | 1500  |
|  | Farm women | 12 | 12 | 300  |
|  | Rural youth  | 12  | 24 | 180 |
|  | Extension personnel/ In service | 09 | 11 | 135  |
|  | Vocational trainings |   |  |   |
|  | Sponsored Training |   |  |   |
|  | **Total**  | 93  | 107 | 2115  |
|  |  | **No. of programmes** | **Participants** |
| **4** | **Extension Programmes** | 3103  | 25965  |
| **5** | **Production of technology inputs etc**  | **Qty** | **Beneficiaries (nos.)** |
|   | Seed (qt.) | 2.14  |   |
|   | Planting material produced (nos.) | 164525  | 1907  |
| **6** | **Livestock** | **Qty** | **Beneficiaries (nos.)** |
|   | Livestock strains ( Nos) |   |   |
|  | Milk Yield - Cow, Buffelo etc. (in liter) |   |   |
|   | Fish (Kg.) | 21.9  | 33  |
|   | Fingerlings (nos.) | 1000000  |  28 |
|   | Poultry-Eggs (nos.) |   |   |
|   | Ducks (nos.) |   |   |
|  | Chicks etc. (nos.) | 855 | 72  |
|  7 | **Bio Products** | **Qty** | **Beneficiaries (nos.)** |
|   | Bio Agents -Earth worm (Kg.) |   |  |
|  | Trichoderma (kg.) |   |  |
|   | Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.) | **3016** | 115  |
|   | Bio Pesticide-Panchgavya, Neem Extract , Neem oil etc.(lit.) |  |   |
| **8** | **Any other significant achievement in the Zone** | **Nos.** | **Participants/ beneficiaries** |
|   | Award (Best KVK award and scientist and farmer’s award) | 3  |   |
|   | Publications ( Res. Paper/ pop. Art./Bulletin,etc.) | 16  |   |
|   | KVK News letter | 4  |   |
|   | SAC Meetings conducted  | 1  | 22  |
|   | Soil sample tested  | 987  | 987  |
|   | Water sample tested  | 63  | 43  |
|   | RWH System (Special training and field visit on RWH structure and MIS in KVKs) |   |   |
|   | KVK-KMA (Message and beneficiaries) | 117  | 9310  |
|  | Convergence programmes | 2  |   |
|  | Sponsored programmes |   |   |
|  | KVK Progressive Farmers interaction |   |   |
|  | No. of Technology Week Celebrations | 1  | 8754  |
|  | Attended HRD activities organized by ZPD  |   |   |
|  | Attended HRD activities organized by DES  | 6 | 4  |
|  | Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc. ) |   |   |
| **9** | Current status of Revolving Funds ( Amt. in Rs.) | 219044  |
| **10** |   | **No. of blocks** | **No. of villages** |
|  | Outreach of KVK in the District  | 12 | 42 |
| **11** |   | **ICAR** | **SAU** | **Others** |
|  | No. of important visitors to KVK (nos.) | 1 | 5 | 1 |
| **12** |   | **Working (Yes/No)** | **No. of Update** |
|  | Status of KVK Website  | Old one not renewed | New one is under construction |
| **13** |   | **Application received** | **Application disposed** |
|  | Status of RTI (nos.) |  |  |
| **14** |   | **Query received** | **Query dissolved** |
|  | Citizen Charter (nos.) |  |  |
| **15** |   | **Working (Yes/No)** | **No. of programme viewed** |
|  | E-connectivity |  |  |
| **16** |   | **Filled** | **Vacant** |
|  | Staff Position | 11 | 5 |
| **17** | Workshop/ Seminar/ Conference attended by staff of KVK ( nos) | 2 |
| **18** | Publication received from ICAR /other organization (nos.) |  |
| **19** |   | **Particulars** | **Organization** |
|  | Agri alerts (epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR) |  Cyclone | Agri Dept., NABARD |

 **GENERAL INFORMATION**

**1.1. Staff Position (as on date 10.03.2014)**

**Summary of Staff position in KVK on March, 2014**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Name of KVK** | **Sanctioned****Posts** | **PC (1)** | **SMS (6)** | **PA (3)** | **Admn. (6)** | **Total** |
| **Sanc.** | **Filled** | **Sanc.** | **Filled** | **Sanc.** | **Filled** | **Sanc.** | **Filled** | **Sanc.** | **Filled** |
| KVK, Balasore |  | 1 | 0 | 6 | 4 | 3 | 2 | 6 | 5 | 16 | 11 |

| **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/-  | 26590.00 | 11.06.2012 | Permanent | Others |
| Balasore | Subject Matter Specialist1  | Sri A. C. Dash |  Agronomy  | M. Sc. | Agronomy |  15600 - 39100 + G P 6000/-  | 18320.00 | 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/-  | 18320.00 | 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/- | 7200.00 | 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.)–**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **KVK Name** | **Agro-climatic zone**  | **No . of Blocks**  | **No. of Panchayats**  | **Population**  | **Literacy**  | **SC and ST Population**  | **No. of farmers**  | **Average land holding**  |
| Balasore | North Eastern Coastal Plain Zone | 12 | 289 | 2025 | 70.94% | 609876 | 273289 | 0.91ha |

**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)** |
| Balasore | Uplahat | 2013-14 | Bhograi | **32** | 720 | 88 |
| Balasore | Balipal | 2013-14 | Remuna | **70** | 450 | 78 |
| Balasore | Biranchipur | 2013-14 | Simulia | **110** | 550 | 62 |
| Balasore | Jamudihi | 2013-14 | Nilagiri | **77** | 315 | 55 |
| Balasore | Bhittorbramhattor | 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 |

**1.4. 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**

**Note-**

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

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

**\*Don’t press enter key to navigate among column use arrow or tab key**

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

**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 (T1)** | **RP (T2)** | **FP (T1)** | **RP (T2)** |
| Balasore | 2013  | Kharif | Low yield from existing HYV varieties | Assessment of hybrid paddy cv. JKRH-401 | Assessment | Varietal evaluation | Paddy # | Medium land | 13 |  |  |  |  |  |
| Balasore | 2013-14  | Rabi | High cost of cultivation due to manual weeding | Assessment of Azimsulfuron for for controlling weeds in paddy | Assessment | Weed Management | Paddy % | Medium lowland | 13 |  |  |  |  |  |
| Balasore | 2013-14  | Rabi | Low yield due to nutrient deficiency | Assessment of DAP(2%) foliar spray and growth regulator NAA(40ppm) in Greengram | Assessment | ICM | Greengram % | Medium land |  13 |  |  |  |  |  |
| Balasore | 2013-14  | Rabi | Low yield from existing varieties | Assessment of Greengram cv. Integrated Pest Management-02-14 | Assessment | Varietal evaluation | Greengram % | Medium land | 13 |  |  |  |  |  |
| Balasore | 2013-14  | Rabi | High infestation by bacterial wilt | Assessment of bacterial wilt resistant variety of tomato Swarna Sampad | Assessment | Varietal evaluation | Tomato | Medium land | 13 | 249 | 262 | 5900 | 64500 | Though this variety is wilt resistant but fruit size is small with low keeping quality |
| Balasore | 2013-14  | Rabi | Low yield from existing HYVs | Assessment of brinjal hybrid cv. Swarna Neelima | Assessment | Varietal evaluation | Brinjal | Medium land | 13 | 269 | 274 | 78900 | 81100 | Not suitable due to slender in size |
| Balasore | 2013-14  | Rabi | Non-availability of salad pea | Assessment of Salad pea variety Swarna Trupti | Assessment | Varietal evaluation | Pea | Medium land | 13 | 112 | 98 | 48300 | 52346 |  |
| Balasore | 2013 | Kharif | Imbalance use of N results in higher pest and disease infestation | Assessment of leaf colour chart(LCC) for management of nitrogen in paddy  | Assessment | Integrated Nutrient Management | Rice | Low land | 13 | 40.54 | 42.63 | 12996 | 16691 |  |
| Balasore | 2013-14 | Rabi | Low yield due to nutrient deficiency | Assessment of Integrated Nutrient Management in groundnut | Assessment | Integrated Nutrient Management | Groundnut % | Medium land | 13 |  |  |  |  |  |
| Balasore | 2013-14 | Rabi | Low yield due to imbalance nutrient management  | Assessment of Integrated Nutrient Management in cauliflower  | Assessment | Integrated Nutrient Management | Cauliflower | Medium land | 13 | 162 | 189 | 64600 | 81500 |  |
| Balasore | 2013 | Kharif | Low yield in paddy due to sheath blight | Assessment of integrated management of sheath blight in paddy | Assessment | Integrated Pest Management | Paddy | Low land | 13 | 42.1 | 53.3 | 19625 | 31125 | Recommended for demonstration purpose |
| Balasore | 2013 | Kharif | Low yield due to high infestation of vine rot | Assessment of Integrated Management of vine rot in betel vine  | Assessment | Integrated Disease Management | Betelvine \* | Medium land | 13 | 44.3 | 51.6 | 708000 | 1085000 | Recommended for demonstration purpose |
| Balasore | 2013 | Kharif | Low yield due to high infestation of Chili Thrips | Assessment of Phosalone 35 %EC and Thiomethoxam 25WG against Control of Chili Thrips  | Assessment | Integrated Pest Management | Chilli | Medium land | 13 | 45.3 | 56.8 | 54250 | 78000 | Recommended for demonstration purpose |
| Balasore | 2013 | kharif | Low yield due to high infestation of Leaf minor in Tomato | Assessment of Triazophos 40 EC and Cryomaizine 75WP against Control of Leaf minor in Tomato | Assessment | Integrated Pest Management | Tomato | Medium land | 13 | 222.7 | 286.3 | 68620 | 99780 | Recommended for demonstration purpose |
| Balasore | 2013 | Kharif | Less growth of common rohu attaining to a growth rate of 600g/annum  | Assessment of Jayanti Rohu in composite pisciculture  | Assessment | Composite pisciculture | Fish | Low land | 13 | 32.15 | 47.55 | 171500 | 320500 | Recommended for demonstration |
| Balasore | 2013 | Kharif | Low income due to high cost of fish feed  | Assessment of low cost feed for carp culture  | Assessment | Composite pisciculture | Fish | Low land | 13 | 32.48 | 42.78 | 174800 | 277800 | Needs further investigation |
| Balasore | 2013-14  | Rabi | Sole cropping of coconut having less income | Assessment of long pepper (*Piper longum)* in coconut | Assessment | Integrated farming | Long pepper % | Medium land | 13 |  |  |  |  |  |
| Balasore | 2013-14 | Rabi | Under utilization of land  | Assessment of oat as inter crop in *Acacia mangium* plantation | Assessment | Integrated farming | Oat | Medium land | 13 |  | 222 |  | 33040 |  |

**# Crop damaged due to Phailin followed by flash flood;**

**\*Betelvine leaf yield (No in lakhs/ha)**

**% Paddy is at flowering stage; Groundnut is at pegging stage; Green gram at late vegetative stage; Long pepper is at vegetative stage**

* 1. **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 (T1)** | **RP (T2)** | **FP (T1)** | **RP (T2)** | **Refined Practice, if any (T3)** | **FP (T1)** | **RP (T2)** | **Refined Practice, if any (T3)** | **FP (T1)** | **RP(T2)** | **Refined Practice, if any (T3)** | **FP (T1)** | **RP (T2)** | **Refined Practice, if any (T3)** |
| Balasore | Assessment of hybrid paddy cv. JKRH-401 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Assessment of Azimsulfuron for for controlling weeds in paddy |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Assessment of DAP(2%) foliar spray and growth regulator NAA(40ppm) in Greengram |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Assessment of Greengram cv. Integrated Pest Management-02-14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Assessment of bacterial wilt resistant variety of tomato Swarna Sampad | Wilting % | 12.3 | 1.2 | 65500 | 66500 |  | 124500 | 131000 |  | 59000 | 64500 |  | 1.90 | 1.96 |  |
| Balasore | Assessment of brinjal hybrid cv. Swarna Neelima | Fruit weight, g | 124.6 | 98.3 | 82500 | 83300 |  | 161400 | 164400 |  | 78900 | 81100 |  | 1.95 | 1.97 |  |
| Balasore | Assessment of Salad pea variety Swarna Trupti | No of Fresh pods/plant | 7.43 | 11.66 | 52500 | 55454 |  | 10800 | 107800 |  | 48300 | 52346 |  | 1.92 | 1.94 |  |
| Balasore | Assessment of leaf colour chart(LCC) for management of nitrogen in paddy  | Nitrogen saved, kg/ha | 0 | 19.6 | 31600 | 30200 |  | 50675 | 53287 |  | 19075 | 23087.5 |  | 1.60 | 1.76 |  |
| Balasore | Assessment of Integrated Nutrient Management in groundnut |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Assessment of Integrated Nutrient Management in cauliflower  | Head size, cm | 19.9 | 24.8 | 48800 | 50800 |  | 113400 | 132300 |  | 64600 | 81500 |  | 2.32 | 2.60 |  |
| Balasore | Assessment of integrated management of sheath blight in paddy | No. of infested hills/m2 | 0.64 | 0.21 | 33000 | 35500 |  | 52625 | 66625 |  | 19625 | 31125 |  | 1.59 | 1.87 |  |
| Balasore | Assessment of Integrated Management of colletotrichum rot in betel vine  | Infested Plants % | 8.2 | 3.3 | 1950000 | 2010000 |  | 2658000 | 3096000 |  | 708000 | 1086000 |  | 1.36 | 1.54 |  |
| Balasore | Assessment of Phosalone 35 %EC and Thiomethoxam 25WG against Control of Chili Thrips  | Infested Leaves No. | 10.2 | 3.6 | 59000 | 64000 |  | 113250 | 142000 |  | 54250 | 78000 |  | 1.91 | 2.21 |  |
| Balasore | Assessment of Triazophos 40 EC and Cryomaizine 75WP against Control of Leaf minor in Tomato | Infested Plants % | 9.3 | 3.2 | 65620 | 72000 |  | 133620 | 171780 |  | 68620 | 99780 |  | 2.05 | 2.38 |  |
| Balasore | Assessment of Jayanti Rohu in composite pisciculture  | Growth, g | 643 | 951 | 152000 | 158000 |  | 321500 | 475500 |  | 169500 | 317500 |  | 2.11 | 3.01 |  |
| Balasore | Assessment of low cost feed for carp culture  | Growth, g | 649.60 | 855.60 | 149500 | 152000 |  | 324800 | 427800 |  | 175300 | 275800 |  | 2.17 | 2.81 |  |
| Balasore | Assessment of long pepper (*Piper longum)* in coconut | Vine length, m | 1.05 | 1.17 |  |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Assessment of oat as inter crop in *Acacia mangium* plantation |  |  |  |  | 28000 |  |  | 61040 |  |  | 33040 |  |  | 2.18 |  |

**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** |
|
| Balasore | 2013 | Kharif | Low family income and seasonal unemployment of farm women | Assessment of back yard rearing of poultry breed “Black Rock” | **Assessment** | Income generation | Brooding one day chicks up to 15days, then back yard rearing | Laying 230 to 280 eggs/year, strong egg shell | Enterprise | 13 |  |
| Balasore | 2013-14 | Rabi | Low biological efficiency of existing varieties | Assessment of King oyster mushroom | **Assessment** | Varietal evaluation | Production technology of oyster mushroom | Large fruiting body, white in colour, fleshy in nature with biological efficiency 110%, longer selflife, superior nutritional profile | Enterprise | 13 | Recommended |
| Balasore | 2013-14 | Rabi | High drudgery | Assessment of dry land weeder in groundnut | **Assessment** | Drudgery reduction | Weeding of groundnut by dry land weeder (bicycle wheel model) | Easy to operate, substitutes the requirement of bullocks, easy to adjust depth for soil penetration and manipulate soil upto 3 to 5cm | Medium land | 13 | Recommended |

**2.4 Economic Performance Home Science OFT:**

|  |  |  |
| --- | --- | --- |
| **KVK name** | **OFT Title** | **Performance Indicator / Parameter** |
| **Output m2/h** | **Est. Energy Expenditure kj/min.** | **WHR beat/min** | **% reduction in drudgery** | **% increase in efficiency** | **Production per unit** | **Cost of input** | **Incremental income** | **Yield (Kg/ha)** | **Net Return** | **Saving in Rs** | **BC ratio** |
| **T1** | **T2** | **T1** | **T2** | **T1** | **T2** | **T1** | **T2** | **T1** | **T2** | **T1** | **T2** | **T1** | **T2** | **T1** | **T2** | **T1** | **T2** | **T1** | **T2** |
| Balasore | \*Assessment of back yard rearing of poultry breed “Black Rock” |  |  |  |  |  |  |  |  |  |  |  |  | 3000 | 3400 |  |  |  |  |  |  |  |  |
| Balasore | Assessment of King oyster mushroom  |  |  |  |  |  |  |  |  |  |  |  |  | 35 | 35 |  | 6 | 1.1 | 1.2 | 31 | 37 |  | 2.02 |
| Balasore | \*Assessment of dry land weeder in groundnut | 45 | 750 | 8.13 | 21.46 | 96 | 134 |  | 13.3 |  |  |  |  | 1800 | 500 |  |  |  |  |  |  | 1300 |  |

**\*Continuing**

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

|  |  |
| --- | --- |
| **Name of KVK** | **Feedback** |
| Balasore | Development of YMV tolerant variety in green gram |
| Balasore | Substitute of MTU-7029 due to high pest and disease load |
| 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 |
| Balasore | Screening of Saline tolerant varieties in paddy |

**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** |
| Balasore | Tomato | Production of low volume & high value crops  | Adoption of wilt tolerant tomato | Training, leaflets  | 15 | 213 | 13.5 |
| Balasore | Marigold | Export potential of ornamental plants | Cultivation of marigold | Training, leaflets  | 11 | 74 | 7.3 |
| Balasore | Okra | Production of low volume & high value crops  | Summer okra cultivation | Training, leaflets  | 15 | 130 | 6.2 |
| Balasore | Jute | Integrated Disease Management | Stem rot management in jute | Training, leaflets | 11 | 113 | 6.8 |
| Balasore | Betelvine | Integrated Disease Management | Integrated Disease Management in betelvine | Mass meeting | 29 | 544 | 73 |
| Balasore | Brinjal | Integrated Pest Management  | Integrated Pest Management for fruit and shoot borer in brinjal  | Training, leaflets | 15 | 75 | 10.3 |
| Balasore | Nutritional Garden | House hold food security by nutrition garden | Development of nutritional garden | Group discussion | 8 | 75 | 2.5 |
| Balasore | Toria | Cropping systems | Production procedures of Toria cultivation | Field day, leaflets | 10 | 265 | 27.9 |
| Balasore | Greengram | Cropping systems | Production procedures of green gram cultivation | Field day, leaflets | 15 | 600 | 65 |
| Balasore | Prawn | Hatchery management & culture of freshwater prawn | Freshwater prawn culture | Training, field day, leaflets | 21 | 85 | 21 |
| Balasore | Papaya | Varietal evaluation | Performance of papaya variety Pusa Nanha, Tokita, Sinta | Training | 23 | 174 | 8.2 |
| Balasore | Banana | Varietal evaluation | Performance of tissue culture banana cv.G-9 | Training | 10 | 25 | 4.5 |
| Balasore | Cucumber | Integrated Nutrient Management | Performance of Azotobacter and PSB in Cucumber | Trainings, Booklet | 5 | 110 | 12 |
| Balasore | Paddy | Integrated Pest Management | Integrated Pest Management in paddy | Training, method demonstration, field days, | 7 | 14 | 5.0 |
| Balasore | Block plantation of Acacia mangium | Production and management | Covering wastelands with Acacia mangium. | Demonstration, training, field visit  | 50 | 125 | 100 |
| Balasore | Teak based Agroforestry system | Integrated farming system | Planting teak stumps followed by inter-cropping with black gram | Demonstration, training, field visit , field day  | 25 | 75 | 30 |
| 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  | 16 | 27 | 35 |
| Balasore | Acacia mangium | Production technology | Planting of timber sp. In wasteland | Demonstration, training, field visit , field day  | 35 | 38 | 41 |
| Balasore | Fish | Composite pisciculture | Stocking fish seeds in proper stocking density of 7500 fingerlings per ha | Demos, Training, Booklet distribution | 71 | 779 | 82 |
| Balasore | Fish | Composite pisciculture | Fish cum duck culture | Demos, Training, Booklet distribution | 27 | 619 | 28 |
| Balasore | Fish and prawn | Production management | Stocking 5250 IMC fingerlings + 5000 PL-20 M. rosenbergii seeds/ha water area | Training, Booklet distribution | 9 | 59 | 6.3 |
| Balasore | Oyster mushroom | Income generation activity for empowerment of rural women | Package of practices of cultivation of oyster straw mushroom | Trainings, method demonstrations, field day | 25 | 318 | 864 beds |
| Balasore | Lac cultivation in rain tree (Samania saman) | Integrated Farming system | Culturing Kerrya sarada in rain trees | Training, methodic demonstration, visit to farmers fields. | 45 | 215 | 371 trees |
| Balasore | Bamboo planting in waste lands | Production and management | Covering wastelands with poormans timber. | Demonstration, training, field visit  | 65 | 234 | 287 |

**Note-**

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

**\*Don’t press enter key to navigate among col use arrow or tab key**

**\*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****/Entreprizes** | **Crop- Area (ha) / Entrep - No.**  | **Results (q/ha)**  | **% change** | **No. of farmers** |
| **FP (T1)** | **RP (T2)** | **SC** | **ST** | **Others** | **Total** |
| Balasore | 2013 | Kharif | Varietal Evaluation | Cultivation of jute cv. Shrestha | Jute # | Shrestha | 1.0  |  |  |  | 0 | 0 | 4 | 4 |
| Balasore | 2013 | Rabi | Weed management | Application of chlorimuron ethyl+metsulfuron methyl (Almix) in paddy | Paddy %  | Khandagiri | 2.0 |  |  |  | 1 | 0 | 9 | 10 |
| Balasore | 2013-14 | Rabi | Integrated Nutrient Management | Application of Zn & B in groundnut | Groundnut % | Smruti | 2.0 |  |  |  | 0 | 0 | 10 | 10 |
| Balasore | 2013-14 | Rabi | Weed management | Application of Imazethapyr in groundnut | Groundnut % | Smruti | 2.0 |  |  |  | 0 | 0 | 10 | 10 |
| Balasore | 2013-14 | Rabi | Varietal evaluation | Demonstration of African marigold cv. Ceracol  | Marigold | Ceracol | 1.0  | 45.6 | 58.2 | 13.82 | 2 | 0 | 8 | 10 |
| Balasore | 2013 | Rabi | Integrated Nutrient Management | Demonstration on incubated biofertiliser in betelvine  | Betelvine | Balipan | 1.20  | 46.42 | 52.12 | 12.27 | 0 | 0 | 12 | 12 |
| Balasore | 2013 | Kharif | Integrated Nutrient Management | Demonstration on Integrated Nutrient Management in saline paddy | Paddy # | Swarna  | 1.2 |  |  |  | 0 | 0 | 14 | 14 |
| Balasore | 2013-14 | Rabi | Integrated Nutrient Management | Demonstration on application of S in onion  | Onion | Patna white | 1.04  | 218.6 | 248.2 | 13.54 | 1 | 0 | 11 | 12 |
| Balasore | 2013 | Kharif | Integrated Disease Management | Management of BPH and WBPH in Medium Land Paddy  | Paddy | MTU-7029 | 2.00 | 40.1 | 52.7 | 31.42 |  |  |  | 10 |
| Balasore | 2013  | Kharif | Integrated Disease Management | Integrated Management of Nematode in Betel vine Baraj | Beetelvine\* | Balipana | 0.05 | 44.60 | 52.00 | 17.26 |  |  |  | 5 |
| Balasore | 2013-14 | Rabi | Integrated Pest Management | Downy mildew management in Cucumber | Cucumber | Poinsette | 1.00 | 92.4 | 118.9 | 28.67 |  |  |  | 5 |
| Balasore | 2013-14 | Rabi | Integrated Pest Management | Management of Red Palm Weevil in Coconut. | Coconut | Local | 1.00 |  |  |  |  |  |  | 10 |
| Balasore | 2013 | Kharif | Composite Pisciculture | Demonstration on *Pangasius sutchi* culture | Fish  | IMC | 1.04  | 32.60 | 43.80 | 34.35 | 0 | 0 | 10 | 10 |
| Balasore | 2013 | Kharif | Brackish water pisciculture | Demonstration on vecti culture  | Fish | *Lates calcarifer* | 1.04 | 33.20 | 37.90 | 14.16 | 0 | 0 | 10 | 10 |
| Balasore | 2013 | Kharif | Integrated farming | Rearing of tasar worm by chowki method  | Tasar\*\* | *Anthera mylita* | 1.00 |  |  |  | 4 | 6 |  | 10 |
| Balasore | 2013 | Kharif | Integrated farming | Performance of kusumi lac in ber trees | *Lac\*\** | *Kerria Lacca* | 1.04  |  |  |  | 3 | 3 | 4 | 10 |
| Balasore | 2013 | Kharif | Integrated Nutrient Management | Demonstration on balanced nutrient application in Ikada grass (*Andropogan muricatus*) | Ikada\*\* | Improved local | 1  |  |  |  | 1 |  | 9 | 10 |

**# Crop damaged due to Phailin followed by flash flood;**

**\*Betelvine leaf yield (Nos in lakhs/ha)**

**% Paddy is at flowering stage; %Groundnut is at pegging stage**

**\*\*Continuing**

**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 (T1)** | **RP (T2)** | **FP (T1)** | **RP (T2)** | **FP (T1)** | **RP (T2)** | **FP (T1)** | **RP (T2)** | **FP (T1)** | **RP (T2)** |
| Balasore | Application of chlorimuron ethyl+metsulfuron methyl (Almix) in paddy | Paddy |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Cultivation of jute cv. Shrestha | Jute |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Application of Zn & B in groundnut | Groundnut |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Application of imazethapyr in groundnut | Groundnut |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Demonstration of African marigold cv. Ceracol | Marigold | No. of flowers/plant | 42.6 | 67.3 | 46000 | 48000 | 91200 | 103800 | 45200 | 55800 | 1.98 | 2.16 |
| Balasore | Demonstration on incubated biofertiliser in betelvine | Betelvine | Vine length, cm | 163.5 | 170.6 | 1894000 | 1980000 | 2785200 | 3127200 | 891200 | 1147200 | 1.47 | 1.58 |
| Balasore | Demonstration on Integrated Nutrient Management in saline paddy | Paddy |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Demonstration on application of S in onion | Onion | Bulb weight, g | 52.6 | 61.2 | 57420 | 59000 | 153020 | 173740 | 95600 | 114740 | 2.66 | 2.94 |
| Balasore | Management of BPH and WBPH in Medium Land Paddy | Paddy | Hoppers/Hill Nos. | 13.8 | 8.7 | 31000 | 34500 | 50125 | 65875 | 19125 | 31375 | 1.61 | 1.90 |
| Balasore | Integrated Management of Nematode in Betel vine Baraj | Beetelvine | Galls per Plant, Nos. | 13.2 | 5.3 | 1870000 | 1970000 | 2676000 | 3138000 | 806000 | 1168000 | 1.43 | 1.59 |
| Balasore | Downy mildew management in Cucumber | Cucumber | Infestation % | 11.3 | 3.6 | 51100 | 56000 | 92400 | 118900 | 41400 | 62900 | 1.81 | 2.12 |
| Balasore | Management of Red Palm Weevil in Coconut. | Coconut | Continuing |  |  |  |  |  |  |  |  |  |  |
| Balasore | Demonstration on *Pangasius sutchi* culture | Fish | Growth, g | 652 | 876 | 149800 | 151500 | 260800 | 350400 | 111000 | 198900 | 1.74 | 2.31 |
| Balasore | Demonstration on vecti culture | Fish | Growth, g | 664 | 758 | 150700 | 152900 | 332000 | 568500 | 181300 | 415600 | 2.20 | 3.72 |
| Balasore | Rearing of tasar worm by chowki method | Tasar |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Performance of kusumi lac in ber trees | Lac |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Demonstration on balanced nutrient application in Ikada grass (*Andropogan muricatus*) | Ikada |  |  |  |  |  |  |  |  |  |  |  |

**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/Entreprizes** | **Farming Situation** | **Proposed area (ha)** | **No. of Beneficiaries** |
| Balasore | 2013 | Kharif | Nutrient Management | High cost of commercial feed | Demonstration on Azolla as cattle feed suppliment | Azolla | *Azolla cariliniona* |  | 10 | 5 |
| Balasore | 2013-14 | Rabi | Nutrient management | High cost of commercial feed | Cultivation of fodder Oat | Oat | Kent |  | 1 | 5 |
| Balasore | 2013-14 | Rabi | Income generation | Low family income | Demonstration on Bee keeping | Honey bee\* | A*pis cerana indica* |  | 5 | 5 |

\*Continuing

**3.5 Economic Performance Home Science FLDs:**

|  |  |  |
| --- | --- | --- |
| **KVK name** | **Technology to be Demonstrated** | **Performance Indicator / Parameter** |
| **Output m2/h** | **Est. Energy Expenditure kj/min.** | **WHR beat/min** | **% reduction in drudgery** | **% increase in efficiency** | **Production per unit** | **Cost of input** | **Incremental income** | **Yield (Kg/ha)** | **Net Return** | **Saving in Rs** | **BC ratio** |
| **T1** | **T2** | **T1** | **T2** | **T1** | **T2** | **T1** | **T2** | **T1** | **T2** | **T1** | **T2** | **T1** | **T2** | **T1** | **T2** | **T1** | **T2** | **T1** | **T2** |
| Balasore | Demonstration on Azolla as cattle feed suppliment |  |  |  |  |  |  |  |  |  |  |  |  | 90 | 38 |  |  | 5 | 7 | 20 | 123 | 52 | 4.2 |
| Balasore | Cultivation of fodder Oat  |  |  |  |  |  |  |  |  |  |  |  |  | 90 | 42 |  |  | 6 | 10 | 42 | 168 | 48 | 5.0 |
| Balasore | \*Demonstration on Bee keeping  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2500 |  |  |  |  |  |  |  |  |

**3.6 Training and Extension activities proposed under FLD**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **KVK Name** | **Crop** | **Activity** | **No. of activities organized** | **Number of participants** | **Remarks** |
| Balasore | Paddy | Field days | 2 | 100 |  |
| Balasore | Paddy | Farmers Training | 2 | 50 |  |
| Balasore | Paddy | Media coverage |  |  |  |
| Balasore | Paddy | Training for extension functionaries | 1 | 15 |  |
| Balasore | Groundnut | Field days | 1 | 50 |  |
| Balasore | Groundnut | Farmers Training | 1 | 25 |  |
| Balasore | Groundnut | Media coverage |  |  |  |
| Balasore | Groundnut | Training for extension functionaries |  |  |  |
| Balasore | Betelvine | Field days | 1 | 50 |  |
| Balasore | Betelvine | Farmers Training | 1 | 25 |  |
| Balasore | Betelvine | Media coverage |  |  |  |
| Balasore | Betelvine | Training for extension functionaries | 1 | 25 |  |
| Balasore | Onion | Field days | 1 | 50 |  |
| Balasore | Onion | Farmers Training | 1 | 25 |  |
| Balasore | Onion | Media coverage |  |  |  |
| Balasore | Onion | Training for extension functionaries |  |  |  |
| Balasore | Cucumber | Field days | 1 | 50 |  |
| Balasore | Cucumber | Farmers Training | 1 | 25 |  |
| Balasore | Cucumber | Media coverage |  |  |  |
| Balasore | Cucumber | Training for extension functionaries |  |  |  |
| Balasore | Coconut | Field days | 1 | 50 |  |
| Balasore | Coconut | Farmers Training | 1 | 25 |  |
| Balasore | Coconut | Media coverage |  |  |  |
| Balasore | Coconut | Training for extension functionaries |  |  |  |
| Balasore | Fish | Field days | 1 | 50 |  |
| Balasore | Fish | Farmers Training | 2 | 50 |  |
| Balasore | Fish | Media coverage |  |  |  |
| Balasore | Fish | Training for extension functionaries |  |  |  |
| Balasore | Tassar | Field days |  |  |  |
| Balasore | Tassar | Farmers Training | 1 | 25 |  |
| Balasore | Tassar | Media coverage | 1 | 500 |  |
| Balasore | Tassar | Training for extension functionaries |  |  |  |
| Balasore | Lac | Field days |  |  |  |
| Balasore | Lac | Farmers Training | 2 | 40 |  |
| Balasore | Lac | Media coverage | 2 | 1000 |  |
| Balasore | Lac | Training for extension functionaries |  |  |  |
| Balasore | Ikad | Field days |  |  |  |
| Balasore | Ikad | Farmers Training | 1 | 25 |  |
| Balasore | Ikad | Media coverage | 5 | 5000 |  |
| Balasore | Ikad | Training for extension functionaries |  |  |  |
| Balasore | Azolla | Field days | 1 | 50 |  |
| Balasore | Azolla | Farmers Training | 1 | 25 |  |
| Balasore | Azolla | Media coverage |  |  |  |
| Balasore | Azolla | Training for extension functionaries |  |  |  |
| Balasore | Oat | Field days | 1 | 50 |  |
| Balasore | Oat | Farmers Training | 1 | 25 |  |
| Balasore | Oat | Media coverage |  |  |  |
| Balasore | Oat | Training for extension functionaries |  |  |  |
| Balasore | Honey bee | Field days |  |  |  |
| Balasore | Honey bee | Farmers Training | 1 | 25 |  |
| Balasore | Honey bee | Media coverage |  |  |  |
| Balasore | Honey bee | Training for extension functionaries |  |  |  |

**3.7 Details of FLD on crop hybrids. NA**

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

**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 | Reuse of Hybrid seeds | Used PRA tools, Personal contact, focused group discussion, data from secondary sources | Increased affinity for growing of hybrid seeds | Interested for 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 | Timely unavailability of inputs | Used PRA tools  | Better access to inputs | Interested for 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 |
| 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 | Marketing of the produce | Used PRA tools, Personal contact, focused group discussion, data from secondary sources | Increased yield and income  | Market demand driven adoption |

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

|  |  |
| --- | --- |
| **Name of KVK** | **Feedback basic of OFT on Technology Tested** |
| Balasore | Development of YMV tolerant variety in green gram |
| Balasore | Substitute of MTU-7029 due to high pest and disease load |
| 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 |
| Balasore | Screening of Saline tolerant varieties in paddy |

**4. 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** |
| --- | --- | --- | --- | --- |
| Balasore | FW | Participatory appraisal | Biranchipur | 45 |
| Balasore | FW | Participatory appraisal | Bhittarabrahmottara | 38 |
| Balasore | FW | Participatory appraisal | Uplat | 52 |
| Balasore | FW | Participatory appraisal | Jamudih | 110 |
| Balasore | FW | Participatory appraisal | Balipal | 54 |
| Balasore | IS | Participatory appraisal | DAOs conference , Balasore | 72 |
| Balasore | IS | SAC | KVK, Balasore, 25.03.2013 | 22 |

**Abbreviation Used**

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

**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** | **Cate-gory** | **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** | **14** | **15** | **16** |
| Balasore | FW | OFC | CRP | Techniques to improve jute yield | 1 | 1 | 10 | 0 | 3 | 0 | 0 | 0 | 12 | 0 |
| Balasore | FW | OFC | CRP | Seed production techniques in jute | 1 | 1 | 1 | 0 | 3 | 0 | 0 | 0 | 21 | 0 |
| Balasore | FW | OFC | CRP | Nursery management in Rice | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 23 | 0 |
| Balasore | FW | OFC | CRP | SRI method of paddy cultivation | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 0 |
| Balasore | FW | OFC | CRP | Integrated nutrient management in paddy | 1 | 1 | 8 | 0 | 4 | 0 | 1 | 0 | 12 | 0 |
| Balasore | FW | OFC | CRP | Integrated weed management in paddy | 2 | 2 | 4 | 0 | 5 | 0 | 0 | 0 | 37 | 4 |
| Balasore | FW | OFC | CRP | Role of micronutrients in paddy production | 1 | 1 | 5 | 0 | 1 | 0 | 2 | 0 | 17 | 0 |
| Balasore | FW | OFC | CRP | Green gram production technology | 1 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 23 | 0 |
| Balasore | FW | OFC | CRP | Agro-techniques of black gram cultivation | 1 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 22 | 0 |
| Balasore | FW | OFC | CRP | Integrated Nutrient Management in groundnut | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 0 |
| Balasore | FW | OFC | CRP | IWM in groundnut | 1 | 1 | 4 | 0 | 2 | 0 | 0 | 0 | 19 | 0 |
| Balasore | FW | OFC | HOF | Production technology of Elephant foot yam | 1 | 1 |  |  |  |  |  |  |  |  |
| Balasore | FW | OFC | HOT | Production technology of leafy vegetables | 1 | 1 | 2 | 0 | 2 | 0 | 0 | 0 | 21 | 0 |
| Balasore | FW | OFC | HOV | Production technology of brinjal | 1 | 1 |  |  |  |  |  |  |  |  |
| Balasore | FW | OFC | HOF | Scientific management of tissue culture banana | 1 | 1 | 2 | 0 | 1 | 0 | 0 | 0 | 22 | 0 |
| Balasore | FW | OFC | HOT | Production technology of cabbage and cauliflower | 1 | 1 | 4 | 0 | 1 | 0 | 0 | 0 | 20 | 0 |
| Balasore | FW | OFC | HOF | Scientific management of pineapple | 1 | 1 | 1 | 0 | 3 | 0 | 0 | 0 | 21 | 0 |
| Balasore | FW | OFC | HOV | Package of practices of tomato and chilli | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 0 |
| Balasore | FW | OFC | HOV | Nutrient management in papaya | 1 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 22 | 0 |
| Balasore | FW | OFC | HOO | Agro-techniques of pointed gourd | 2 | 2 |  |  |  |  |  |  |  |  |
| Balasore | FW | OFC | HOV | Scientific management of coconut orchard | 1 | 1 | 1 | 0 | 3 | 0 | 0 | 0 | 21 | 0 |
| Balasore | FW | OFC | HOV | Scientific management of cucumber and pumpkin | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 24 | 0 |
| Balasore | FW | OFC | SFM | Necessity & method of soil testing and soil sampling  | 1 | 1 | 3 | 0 | 3 | 0 | 0 | 0 | 18 | 1 |
| Balasore | FW | OFC | SFM | Azolla & its importance | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 0 |
| Balasore | FW | OFC | SFM | Integrated Nutrient Management in Betel vine | 1 | 1 | 0 | 0 | 5 | 0 | 0 | 0 | 20 | 0 |
| Balasore | FW | OFC | SFM | Integrated Nutrient Management in Paddy | 1 | 1 | 4 | 0 | 2 | 0 | 0 | 0 | 19 | 0 |
| Balasore | FW | OFC | SFM | NADEP composting  | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 0 |
| Balasore | FW | OFC | SFM | Saline soil management | 1 | 1 | 3 | 0 | 2 | 0 | 0 | 0 | 20 | 0 |
| Balasore | FW | OFC | SFM | Green manuring in paddy | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 24 | 0 |
| Balasore | FW | OFC | SFM | Acid soil management & iron toxicity | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 0 |
| Balasore | FW | OFC | SFM | Vermi-composting | 1 | 1 | 12 | 0 | 0 | 0 | 0 | 0 | 13 | 0 |
| Balasore | FW | OFC | SFM | Integrated Nutrient Management in Onion | 1 | 1 | 0 | 0 | 0 | 0 | 20 | 5 | 0 | 0 |
| Balasore | FW | OFC | PLP | Integrated management of Nematode in betel vine baraj | 1 | 1 | 1 | 1 | 2 | 0 | 3 | 0 | 1 | 0 |
| Balasore | FW | OFC | PLP | Integrated management of sheath blight in paddy | 1 | 1 | 1 | 1 | 2 | 0 | 2 | 0 | 0 | 0 |
| Balasore | FW | OFC | PLP | Integrated management of stem borer in paddy | 1 | 1 | 1 | 1 | 0 | 0 | 3 | 0 | 0 | 0 |
| Balasore | FW | OFC | PLP | Integrated management of downy mildew in cucurbits. | 1 | 1 | 1 | 1 | 2  | 0 | 2 | 0 | 0 | 0 |
| Balasore | FW | OFC | PLP | Integrated management of vine rot in betel vine | 1 | 1 | 1 | 1 | 8 | 2 | 2 | 2 | 1 | 1 |
| Balasore | FW | OFC | PLP | Integrated management of BPH/WBPH in medium land paddy | 1 | 1 | 1 | 1 | 2 | 0 | 3 | 0 | 0 | 0 |
| Balasore | FW | OFC | PLP | Integrated management of red palm weevil in coconut | 1 | 1 | 1 | 1 | 0 | 0 | 3 | 0 | 0 | 0 |
| Balasore | FW | OFC | PLP | Integrated management of serpentine leaf minor in tomato | 1 | 1 | 1 | 1 | 3 | 0 | 3 | 0 | 0 | 0 |
| Balasore | FW | OFC | PLP | Integrated management of chili thrips | 1 | 1 | 0 | 0 | 4 | 0 | 1 | 0 | 20 | 0 |
| Balasore | FW | OFC | PLP | Integrated management of brinjal shoot and fruit borer | 1 | 1 | 1 | 0 | 7 | 0 | 0 | 0 | 17 | 0 |
| Balasore | FW | OFC | FIS | Pond preparation for carp culture | 1 | 1 | 9 | 0 | 2 | 0 | 0 | 0 | 14 | 0 |
| Balasore | FW | OFC | FIS | soil and water sample collection techniques | 1 | 1 | 2 | 0 | 2 | 0 | 1 | 0 | 20 | 0 |
| Balasore | FW | OFC | FIS | Package of practices for fresh water prawn culture | 1 | 1 | 3 | 0 | 3 | 0 | 0 | 0 | 19 | 0 |
| Balasore | FW | OFC | FIS | Methodology for sea baas culture | 1 | 1 | 4 | 0 | 4 | 0 | 1 | 0 | 16 | 0 |
| Balasore | FW | OFC | FIS | Techniques of brackish water prawn culture | 1 | 1 | 4 | 0 | 5 | 0 | 2 | 0 | 14 | 0 |
| Balasore | FW | OFC | FIS | Feeding management & schedule for carp culture | 1 | 1 | 5 | 0 | 4 | 0 | 0 | 0 | 16 | 0 |
| Balasore | FW | OFC | FIS | Yearling culture techniques for year round fish production | 1 | 1 | 6 | 0 | 5 | 0 | 0 | 0 | 14 | 0 |
| Balasore | FW | OFC | FIS | Tilapia culture in small ponds | 1 | 1 | 3 | 0 | 3 | 0 | 2 | 0 | 17 | 0 |
| Balasore | FW | OFC | AGF | Nursery technology for raising quality planting materials of forest crops. | 1 | 1 | 16 | 0 | 0 | 0 | 0 | 0 | 9 | 0 |
| Balasore | FW | OFC | AGF | Scientific cultivation of khadi (Ikada) for income generation. | 1 | 1 | 9 | 0 | 5 | 0 | 0 | 0 | 11 | 0 |
| Balasore | FW | OFC | AGF | Tree based integrated farming for livelihood promotion. | 1 | 1 | 10 | 2 | 5 | 1 | 0 | 0 | 5 | 2 |
| Balasore | FW | OFC | AGF | Cultivation and management of improved canes | 1 | 1 | 8 | 0 | 2 | 0 | 0 | 0 | 15 | 0 |
| Balasore | FW | OFC | AGF | Intercropping of oat with forest plantations | 1 | 1 | 3 | 0 | 7 | 0 | 0 | 0 | 3 | 0 |
| Balasore | FW | OFC | AGF | Growing medicinal and aromatic plants for income generation. | 1 | 1 | 2 | 1 | 9 | 2 | 0 | 3 | 6 | 2 |
| Balasore | FW | OFC | AGF | Scientific method of tassar cultivation. | 1 | 1 | 3 | 0 | 1 | 5 | 4 | 5 | 4 | 3 |
| Balasore | FW | OFC | AGF | Kusumi lac cultivation in suitable host trees for income generation. | 1 | 1 | 7 | 0 | 9 | 0 | 2 | 0 | 7 | 0 |
| Balasore | FW | OFC | WOE | Use of jute bast fibre extractor for drudgery reduction | 1 | 1 | 0 | 2 | 0 | 12 | 0 | 0 | 0 | 11 |
| Balasore | FW | OFC | WOE | Production of paddy straw mushroom in summer | 1 | 1 | 0 | 1 | 0 | 7 | 0 | 0 | 0 | 17 |
| Balasore | FW | OFC | WOE | Culture and use of Azolla as cattle feed | 1 | 1 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 21 |
| Balasore | FW | OFC | WOE | Kitchen gardening for nutritional security. | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 25 | 0 | 0 |
| Balasore | FW | OFC | WOE | Backyard rearing of Black rock poultry birds | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 24 |
| Balasore | FW | OFC | WOE | Back yard duckery through khaki Campbell | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 25 | 0 | 25 |
| Balasore | FW | OFC | WOE | Cultivation of oat as fodder | 1 | 1 | 0 | 8 | 0 | 1 | 0 | 0 | 0 | 16 |
| Balasore | FW | OFC | WOE | Paddy straw mushroom in poly house in winter | 1 | 1 | 0 | 4 | 0 | 2 | 0 | 0 | 0 | 19 |
| Balasore | FW | OFC | WOE | cultivation of oyster mushroom | 1 | 1 | 0 | 2 | 0 | 6 | 0 | 0 | 0 | 17 |
| Balasore | FW | OFC | WOE | Bee keeping for income generation | 1 | 1 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 21 |
| Balasore | FW | OFC | WOE | Use of dry land weeder in groundnut | 1 | 1 | 0 | 2 | 0 | 6 | 0 | 0 | 0 | 17 |
| Balasore | FW | OFC | WOE | Preparation of value added product from mushroom | 1 | 1 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 9 |
| Balasore | RY | ONC | CRP | Techniques to produce quality seed in paddy | 1 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 13 | 0 |
| Balasore | RY | ONC | CRP | Seed production techniques in pulses (Green gram & Blackgram) | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 |
| Balasore | RY | ONC | HOV | Techniques to produce quality vegetable seedlings | 1 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 13 | 0 |
| Balasore | RY | ONC | HOV | Seed production techniques in tomato | 1 | 1 | 1 | 0 | 3 | 0 | 0 | 0 | 11 | 0 |
| Balasore | RY | ONC | SFM | Method of Vermi-composting and vermin-wash production | 1 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 10 | 0 |
| Balasore | RY | ONC | PLP | Preparation of bio - pesticides | 1 | 2 | 2 | 0 | 4 | 0 | 0 | 0 | 9 | 0 |
| Balasore | RY | ONC | PLP | Honey bee keeping | 1 | 2 | 2 | 0 | 3 | 0 | 0 | 0 | 10 | 0 |
| Balasore | RY | ONC | FIS | Preparation of balance fish feed for carp culture | 1 | 3 | 3 | 0 | 3 | 0 | 0 | 0 | 9 | 0 |
| Balasore | RY | ONC | FIS | Scope of self employment by fish yearling culture | 1 | 3 | 4 | 0 | 3 | 0 | 0 | 0 | 8 | 0 |
| Balasore | RY | ONC | AGF | Lac cultivation by rural youths for self employment | 1 | 2 | 3 | 0 | 2 | 0 | 2 | 0 | 8 | 0 |
| Balasore | RY | ONC | WOE | Bee keeping for livelihood improvement/supporting family income | 1 | 3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 13 |
| Balasore | RY | ONC | WOE | Income generation through floriculture | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| Balasore | IS | ONC | CRP | Role of herbicides in crop production | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 9 | 4 |
| Balasore | IS | ONC | CRP | Causes of low yield from pulses and techniques for yield maximization | 1 | 1 | 1 | 0 | 1 | 0 | 2 | 1 | 7 | 3 |
| Balasore | IS | ONC | SFM | Techniques to recycle farm wastes and green manuring | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 12 | 1 |
| Balasore | IS | ONC | PLP | Integrated management of pest and diseases in paddy | 1 | 2 | 1 | 0 | 4 | 0 | 0 | 1 | 7 | 2 |
| Balasore | IS | ONC | PLP | Integrated management of pest and diseases in vegetables | 1 | 2 | 2 | 0 | 2 | 0 | 1 | 0 | 7 | 3 |
| Balasore | IS | ONC | FIS | Integrated fish farming concepts for fish farmers | 1 | 1 | 3 | 0 | 2 | 0 | 1 | 0 | 9 | 0 |
| Balasore | IS | ONC | FIS | Methodology of fish fry production | 1 | 1 | 4 | 0 | 2 | 0 | 1 | 0 | 8 | 0 |
| Balasore | IS | ONC | WOE | Nutritional care of farmwomen during pregnancy & lactation | 1 | 2 | 0 | 4 | 0 | 1 | 0 | 0 | 0 | 10 |
| Balasore | IS | ONC | WOE | Nutritional requirements & low cost diet for pre-schoolers | 1 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 13 |

## 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** |

**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 else where** |
| **Type of units**  | **Number of units**  | **Number of persons employed**  |
|  |  |  |  |  |  |

**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)** | **Dura-tion (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 & 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.)** |
| Gen | Others | SC | ST |
| **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**Table 5.6 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 | Integrated weed management in jute | 25 | 12 | 70 | 23 | 25 | 15050 | 20600 | 40ha, 50 no, 58%, 8%, 36% |
| Balasore | Integrated weed management in paddy | 25 | 22 | 67 | 48.4 | 51.7 | 22740 | 28870 | 1000 ha, 567, 45%, 3.3%, 26.9% |
| Balasore | Constraints in green gram cultivation and techniques to increase yield | 25 | 41 | 72 | 9.5 | 11.2 | 47500 | 55000 | 250ha, 75.6%, 17.89%, 15.7% |
| Balasore | Vermi-composting | 25 | 55 | 74 | 15 | 26 | 7500 | 12500 | 198 no, 198no, 34.5%, 73.3%, 66.6 |
| Balasore | Integrated management of BPH and WBPH in paddy | 25 | 42 | 78 | 38.5 | 54.0 | 48125 | 67500 | 496 ha, 277, 85.71%, 40.26%, 36.4% |
| Balasore | Integrated measures for management of nematode in Betelvine | 25 | 32 | 52 | 195750 | 238500 | 146812 | 178875 | 25no, 18, 62%, 21.8%, 18.6% |
| Balasore | Integrated management of sheath blight in paddy | 25 | 41 | 68 | 41.6 | 52.8 | 52000 | 66000 | 528ha, 365no, 65%, 26.9%, 61.5% |
| Balasore | Techniques of yearling production | 25 | 28 | 54 | 38.75 | 94 | 175000 | 469000 | 26 ha, 49no, 92%, 142.5%, 168% |
| Balasore | Techniques of pro-biotics application in fish culture pond | 25 | 6 | 20 | 41.20 | 53.60 | 214600 | 288800 | 11 ha, 18 no, 233%, 30.1%, 34.5% |
| Balasore | Scientific cultivation of khadi (Ikada) for income generation. | 25 | 45 | 57 | 336000 | 416000 | 52140 | 65090 | 120 ha, 242no, 26.6%, 23.8%, 24.8% |
| Balasore | Kusumi and rangeeni lac cultivation in suitable host trees for income generation. | 25 | 5 | 24 |  | 0.057 |  | 2230 | 20 no., 10no, 380%,  |
| Balasore | Production technology of paddy straw mushroom | 25 | 33 | 62 | 0.008 | 0.011 | 48 | 66 | 35 no, 35 no, 87.8%, 37.5%, 49%  |
| Balasore | Management of back yard poultry Banaraja | 25 | 40 | 73 | 0.017 | 0.022 | 170 | 210 | 260no, 82.5%, 29.41%, 23.53% |
| Balasore | Management of back yard duckery | 25 | 35 | 64 | 78 | 268 | 312 | 1072 | 164 no, 82.8%, 243.5%, 188.5% |
| Balasore | Fresh water prawn culture  | 25 | 18 | 46 | 12 | 17 | 240000 | 360000 | 12ha, 52no,155%, 41.6%, 68.7% |

**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 | 11 | 344 | 104 | 69 | 33 | 14 | 0 | FLD | Herbicide application in Groundnut and paddy, Sulphur application in onion, use of Azolla as cattle feed, Bhecti culture, \*Pangasius sutchi*, Management of BPH/WBPH, Nematode, RPW & downy mildew | Vegetative stage, harvesting stage |
| Balasore | Kisan Mela | 2 | 2 | 1518 | 586 | 729 | 542 | 196 | 46 | Technology dissemination |  |  |
| Balasore | Kisan Ghosthi | 10 | 14 | 53 | 38 | 29 | 22 |  |  | Better access to different input, technology & information |  |  |
| Balasore | Exhibition | 2 | 1 | 5032 | 1872 |  |  |  |  | Showcasing cutting edge technologies for adoption |  |  |
| Balasore | Film Show | 100 | 127 | 2364 | 302 | 450 | 57 | 22 |  | Populazation of technology |  |  |
| Balasore | Method Demonstrations | 10 | 23 | 248 | 87 | 49 | 23 | 24 | 3 | Learning by doing |  |  |
| Balasore | Farmers Seminar | 2 | 4 | 162 | 17 | 23 | 8 | 11 | 1 | Increase awareness |  |  |
| Balasore | Workshop | 2 | 4 | 8 | 0 | 0 | 0 | 187 | 13 | Strategic planning |  |  |
| Balasore | Group meetings | 50 | 67 | 378 | 132 | 67 | 36 |  |  | Problem identification and providing solution thereof |  |  |
| Balasore | Lectures delivered as resource persons | 50 | 52 | 1624 | 607 | 198 | 67 |  |  |  |  |  |
| Balasore | Newspaper coverage | 10 | 18 |  |  |  |  |  |  |  |  |  |
| Balasore | Radio talks  | 10 | 4 |  |  |  |  |  |  |  | Dalua dhanare khadyasara parichalana, contingent planning (Phailin), betelvine disease management, yearling culture |  |
| Balasore | TV talks  | 10 | 9 |  |  |  |  |  |  |  | Pond preparation, disease management, achievements of KVK, yearling culture, algal bloom control |  |
| Balasore | Popular articles | 10 | 3 |  |  |  |  |  |  |  |  |  |
| Balasore | Extension Literature | 10 | 16 |  |  |  |  |  |  |  |  |  |
| Balasore | Farm advisory Services | 30 | 14 |  |  |  |  |  |  |  |  |  |
| Balasore | Scientific visit to farmers field |  | 314 | 1849 | 188 | 518 | 132 |  |  |  |  |  |
| Balasore | Farmers visit to KVK |  | 2322 | 1568 | 275 | 366 | 113 |  |  |  |  |  |
| Balasore | Diagnostic visits | 50 | 78 | 432 | 42 | 108 | 18 |  |  |  |  |  |
| Balasore | Exposure visits | 1 | 3 | 724 | 125 | 67 | 23 | 33 |  |  |  |  |
| Balasore | Ex-trainees Sammelan | 1 | 1 | 13 | 37 | 2 | 1 |  |  |  |  |  |
| Balasore | Soil health Camp | 1 | 1 | 86 | 7 | 9 | 0 | 3 | 0 | Soil health camp | Soil health management | - |
| Balasore | Animal Health Camp | 1 |  |  |  |  |  |  |  |  |  |  |
| Balasore | Agri mobile clinic | 1 | 3 | 87 | 23 | 28 | 12 |  |  |  |  |  |
| Balasore | Soil test campaigns | 02 | 02 | 73 | 8 | 15 | 4 | 2 | 0 | Awareness | Soil Testing | - |
| Balasore | Farm Science Club conveners meet | 01 | 01 | 43 | 0 | 7 | 0 | 0 | 0 |  |  |  |
| Balasore | Self Help Group conveners meetings | 10 | 2 |  | 43 |  | 7 |  |  |  |  |  |
| Balasore | Mahila Mandals conveners meetings |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Celebration of important days(Farm Women Day, *Parthenium* awareness week) | 1 | 2 | 38 | 12 | 0 | 18 | 5 | 0 |  |  |  |
| Balasore | Seed treatment campaign | 01 | 01 | 117 | 33 | 37 | 13 |  |  |  |  |  |
| Balasore | Farmer-Scientist Interaction |  | 4 | 142 | 17 | 29 | 12 |  |  |  |  |  |

1. **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** |
| Balasore | April 2013 | Quarterly | 500 | 500 |
| Balasore | July 2013 | Quarterly | 500 | 500 |
| Balasore | October 2013 | Quarterly | 500 | 500 |
| Balasore | January 2014 | Quarterly | 500 | 500 |

**7.2 Literature developed/published**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **KVK Name** | **Type** | **Title** | **Author’s name** | **Number of copies** |
| Balasore | Leaflet | Luni Panire Chingudi Chasa | M.C.Maharana & A.R.Patra | 500 |
| Balasore | Leaflet | Shankar Dhana Chasa | A.C.Dash & S.K.Mohanty | 500 |
| Balasore | Leaflet | Kukuda Gokhadya ra Vikalpa : Azolla | D.P. Dash & A.R.Patra | 500 |
| Balasore | Leaflet | Machha Chasa Samasya ra Samadhana | M.C.Maharana & A.R.Patra | 500 |
| Balasore | Leaflet | Jaibika Khata Utpadana ra Sahaja Paddhati | A.R.Patra & D.P. Dash | 500 |
| Balasore | Leaflet | Lanka Maricha Phasala re Soshak Kita Manankara Parichalana | M.C.Maharana & A.R.Patra | 500 |
| Balasore | Leaflet | Machha Pokhari ra Parichalana | M.C.Maharana & A.R.Patra | 500 |
| Balasore | Leaflet | Bishakta Kitanasaka Byabahara Samayare Satarkata | S.K.Mohanty | 500 |
| Balasore | Leaflet | Bandhakobi Phasalare Kita Niyantrana | S.K.Mohanty | 500 |
| Balasore | Leaflet | Khari Panire Kankada Chasa | M.C.Maharana & A.R.Patra | 500 |
| Balasore | Leaflet | Pana Phasalare Samanwita Roga Poka Parichalana | S.K.Mohanty, K.M.Biswal, A.C.Dash & R.K.Kar | 500 |
| Balasore | Leaflet | Ikad chasa | R.K.Kar & S.K.Mohanty | 500 |
| Balasore | Leaflet | Lakha Chasa | R.K.Kar & S.K.Mohanty | 500 |
| Balasore | Leaflet | Baigyanik paddhati re Muga Chasa | D.P.Dash & A.C.Dash | 500 |
| Balasore | Leaflet | Baigyanik paddhati re Chinabadam chasa | A.C.Dash & D.P.Dash  | 500 |
| Balasore | Leaflet | Dhana chasa re samanwita khadyasara parichalana | D.P.Dash & A.C.Dash | 500 |

**7.3 Details of Electronic Media Produced**

|  |  |  |  |
| --- | --- | --- | --- |
| **KVK Name** | **Type of media (CD / VCD / DVD / Audio-Cassette)** | **Title of the programme** | **Number** |
| Balasore | DVD | Mega Kissan Mela-cum-Exhibition | 01 |
| Balasore | DVD | Ikad Cultivation | 01 |

**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.)** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Balasore | Oilseed | Toria | Anuradha\* | 2.14 |  |  |  |

\*Stock in hand

**8.2 Planting Material production**

| **KVK Name** | **Major group/class** | **Crop** | **Variety** | **Nos.** | **Value (Rs.)** | **Provided to No. of Farmers** | **Expected area coverage (ha.)** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Balasore | Vegetable seedling | Brinjal | Green Star, Blue Star, Green Star Long | 55850 | 22340 | 874 |  |
| Balasore | Vegetable seedling | Tomato | Mahaveer | 52100 | 20840 | 344 |  |
| Balasore | Vegetable seedling | Chilli | Agnirekha | 48250 | 19300 | 344 |  |
| Balasore | Flower seedling | Marigold | Ceracol | 575 | 1075 | 57 |  |
| Balasore | Fruit seedling | Papaya | Sinta, Red Lady | 250 | 3750 | 30 |  |
| Balasore | Forest saplings | Acacia | A.auriculiformis, A.mangium | 7500 | 34000 | 201 |  |
| Balasore | Mushroom spawn | Mushroom | Oyster | 2174 bottles | 26088 | 57 |  |

**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.)** |
| Balasore | Bio Fertilizer |  |  |  |  |  |  |
| Balasore | Organic Manure | Vermicompost\* | 3016 |  |  | 115 |  |

**\***Stock in hand

**8.4 Livestock and fisheries production**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **KVK Name**  | **Name****of the animal / bird / aquatics** | **Breed** | **Type of Produce** | **Qty. (kg/qt./litre/No )** | **Value (Rs.)** | **No. of Beneficiaries** |
| Balasore | Poultry | Vanaraja | Chicks | 855 | 59850 | 72 |
| Balasore | Fish | Indian major carp | Table fish (250g to 500g size ) | 21kg 900g | 1314 | 33 |
| Balasore | Fish  | Indian major carp | Spawn | 1000000 | 7000 | 28 |

**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 (Rs) | Soil report distributed to the farmers (Nos) |
| Balasore | Established | 2010 | pH, EC, O.C., N | 987 | 987 | 98 | 4115 | 987 |

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) |
| Balasore | Established | 2010 | pH | 63 | 42 | 15 | - | 42 |

**10. Rainwater Harvesting**

Training programmes conducted by using Rainwater Harvesting Demonstration Unit- NA 

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

**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)** |
| Balasore |  |  |  |  |  |  |  |  |

**12. Utilization of Staff Quarters facilities**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **KVK Name**  | **Year of construction** | **Year of allotment** | **No. of quarters occupied** | **No. of quarters vacant** | **Reasons for vacant quarters, if any** |
| Balasore | 1998 | 1999 |  | 2 | Both PC & supporting staff quarters are in dilapidated condition |
| Balasore | 2008 | 2009 | 04 | Nil | - |

13. **Details of SAC Meeting**

|  |  |  |  |
| --- | --- | --- | --- |
| **KVK Name**  | **Date of SAC meeting** | **No. of SAC members attended** | **Major recommendations** |
| **Balasore** | 18.9.2013 | 24 | Promotion of hybrid paddy, popularization of herbicides for control of weeds, nematode management in betelvine,lac, mushroom, management of YMV in pulses, stem borer in paddy, & increasing productivity in pisciculture. |

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.** |  |  |
| Balasore | 21 | 4149 | 61 | Farmers portal, Pacific technology  | * Seed treatment in paddy
* Use of herbicide in paddy
* Fungicides to control blast and rot diseases in paddy
* Use of Tricho-cards for control of stem borer in paddy
* Promotion of offseason vegetable cultivation for higher returns
* Rearing of improved poultry breed Vanaraja in backyard
* Rearing of duck breed Khaki Campbell in backyards
* Silk worm rearing by chawki method
 |
| Balasore | 96 | 5000 | 100 | NABARD | Designing, recording and broadcasting of voice messages on Paddy, groundnut, green gram, black gram and mustard |

**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** |
| Balasore | Farmers-Scientist Interaction | ATMA, Balasore | Rs.40,000/- | Farmer-Scientist interaction |  |  |
| Balasore | Kisan Mela | ATMA, Balasore | Rs.35,000/- | Kisan Mela |  |  |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **KVK Name**  | **Account No.** | **Opening balance (Rs.)** | **Closing balance (Rs.)** | **Current status (Rs.)** |
| Balasore | 17550200000062 | 117553  | 210244 | 219044 |

**17. Awards & Recognitions**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **KVK Name**  | **Name of award /awardee** | **Type of award (Ind./Group/Inst./Farmer)** | **Awarding Organizations** | **Amount received**  |
| Balasore | Best KVK Award | Institute | OUAT |  |
| Balasore | Best Presentation Award | Institute | ICAR |  |
| Balasore | Best Innovative Extension Scientist Award | Individual | By Honbl’ble Union Minister (I/C) for Chemicals and Fertilizers, GOI |  |

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 | Balasore | Yes | DES |

b) Details about Technology Park

|  |  |  |
| --- | --- | --- |
| Name of KVK | Name of Component of Park | Detail Information (If established) |
| Balasore | Crop Cafeteria | Established in 2011 got damaged in October 2013 (Heavy flood due to Phailin) |
| Balasore | Technology Desk |  |
| Balasore | Visitors Gallery |  |
| Balasore | Technology Exhibition | Established in 2013 |
| Balasore | Technology Gate-Valve |  |

**c). Crop Cafeteria-**

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Theme of Crop Cafeteria** | **No. of Crop Cafeteria** |
| 1 |  |  |

**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 | Balasore | Anjan Dandapat | Etroplus suratensis culture | Sahada, Basta, Balasore,7789848091 |
| 2 | Balasore | Bimal Kar | Preparation of Botanical pesticides | Dagara, Baliapal, Balasore,9583969142 |
| 3 | Balasore | Bidhu Bhusan Kanungo | Hybrid paddy seed production | Raya Ramchandrapur, Jaleswar-8018071399 |
| 4 | Balasore | Sanjay Kumar Das | Bhekti culture | Sahada, Basta, Balasore-9937411570 |
| 5 | Balasore | Rabindra Behera | Puffed rice maker | Kalidiha, Basta, Balasore, 06781-258901 |
| 6 | Balasore | Manoranjan Das Adhikari | Modified bullock drawn drum seeder | Mukulishi, Basta, Balasore, 9583216150 |
| 7 | Balasore | Jogesh Chandra Adhikari | Groundnut seeder | Renupada,Basta, Balasore, 9437123799 |
| 8 | Balasore | Laxmidhar Das | Innovative way of preventing fruit drop in mango | Dagara, Baliapal, Balasore, 9238902193 |
| 9 | Balasore | Satyajit Bera | Artificial pollination in spine gourd  | Sk. Sarai, Jaleswar, Balasore |
| 10 | Balasore | Bipin Mandal | Fingerling production | Chakrada, Jaleswar, Balasore, 9237001568 |

**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 |  |  |
| 2 |  |  |

**21. Outreach of KVK**

|  |  |  |
| --- | --- | --- |
| **Name of KVK** | **Number of Blocks** | **Number of Villages** |
| **Intensive** | **Extensive** | **Intensive** | **Extensive** |
| Balasore | 8 | 12 | 30 | 42 |
|  |  |  |  |  |

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.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **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 | KVK, Bhadrak, KVK Mayurbhanj-I | Farmers scientist interaction |  |

24. **Important visitors to KVK**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Name of KVK | Name of Visitor | Date of Visit | ICAR | SAUs  | Others | Remarks |
| Balasore | Dr. R. K. Raj, JDE, OUAT, Bhubaneswar | 18.09.2013 |  | OUAT |  |  |
| Balasore | Prof. M. Kar, VC, OUAT, Bhubaneswar | 30.09.2013 |  | OUAT |  |  |
| Balasore | Prof. S. K. Dash, Dept. of APFE, CA, OUAT | 20.12.13 |  | OUAT |  |  |
| Balasore | B. Sridhar, AGM, NABARD | 20.12.13 |  |  | NABARD |  |
| Balasore | C. K. Bakhara, Asso. Prof. CAET, OUAT | 20.12.13 |  | OUAT |  |  |
| Balasore | Prof. S. S. Nanda, DEE, OUAT | 29.01.14 |  | OUAT |  |  |
| Balasore | Dr. S. R. K. Singh, Sr. Scientist, ZPD, Zone VII, Jabalpur | 23.03.14 | ICAR |  |  |  |

25. Status of KVK Website:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sr. No. | Name of KVK | Date of start of website | No. of updates since inception | No. of visitors |
| 1 | Balasore | Not renewed | Under construction |  |

**26. E-CONNECTIVITY**

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

28. Status of Citizen Charter

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sr. No. | Name of KVK | Query received( Nos) | Query Disposed( Nos) | Remarks |
|  |  |  |  |  |

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

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

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

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name of KVK | Name of Staff | Post held | Programme attended (Nos) | Remarks |
| Balasore | Shri S.K.Mohanty | Programme Coordinator | 2 |  |
| Balasore | Shri A.C.Dash | SMS (Agronomy) | 1 |  |
| Balasore | Shri M.C.Moharana | PA (Fishery) | 2 |  |
| Balasore | Sri G. K. Ojha | PA(Computer) | 1 |  |

|  |  |  |
| --- | --- | --- |
| Name of KVK | Total Number of staff Attended HRD Programmes organized by DES (nos) | Total Number of Programmes attended (Nos) |
| Balasore | 04 | 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** |
| Balasore | Cyclone, Flood, epidemic of pest & diseases | Designing, recording and broadcasting of voice messages covering weather parameters and crop advisories on daily basis with the active support of Skymet and NABARD, Balasore  | Messages were sent to 5000 nos of progressive farmers, 100 nos. of Agriculture Extension functionaries of Agriculture Deptt & NABARD |

**33. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name of KVK** | **Types of Activities** | **No. of****Activities** | **Number of****Participants** | **Related crop/livestock technology** |
| Balasore | Gosthies | 4 | 72 | Crop |
| Balasore | Lectures organized | 25 | 983 | Crop |
| Balasore | Exhibition | 1 | 100 | Crop/live stock |
| Balasore | Film show | 17 | 1085 | Crop/live stock |
| Balasore | Fair | 1 | 100 | Crop/live stock |
| Balasore | Farm Visit | 7 | 347 |  |
| Balasore | Diagnostic Practical’s | 1 | 91 | Crop |
| Balasore | Distribution of Literature (No.) | 16 | 1349 | Crop |
| Balasore | Distribution of Seed (q) | 0 | 0 |  |
| Balasore | Distribution of Planting materials (No.) | 10000 | 100 |  |
| Balasore | Bio Product distribution (Kg) | 0 | 0 |  |
| Balasore | Bio Fertilizers (q) |  |  |  |
| Balasore | Distribution of fingerlings (No) |  |  |  |
| Balasore | Distribution of Livestock specimen (No.) |  |  |  |
| Balasore | Total number of farmers visited the technology week | 11 | 4377 |  |
| Balasore | Road show | 1 | 100 | Crop/Fishery |
| Balasore | Soil Test Campaign | 1 | 50 |  |

**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** |
| **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 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**

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.**

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

**37. 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 | KVK, Balasore | 02 | - |
| 2 |  |  |  |
|  |  |  |  |

**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) –**