**FORMAT**

**FOR**

**ANNUAL ACTION PLAN OF THE KVKs IN ZONE VII**

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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 mentioning “Additional Information”**
9. **Do not press any Enter Key in any of the columns while making entry in the columns of the table. Use only arrow key /Tab key/ mouse pointer while movement from one column/row to another.**

**Note for Annual Action Plan 2012-13**

**1)** Kindly fill up only targeted/ proposed information for Annual Action Plan-from 1st April, 2012 to 31st March 2013 in the table no.1,(1.1,1.2,1.3,1.4), 2.1, 3.2, 3.4, 3.5, 4.0, 5.1, 5.2, 5.3, 5.4, 5.5, 5.6 6.0, 7.1, 7.2, 7.3, 7.4, 8.1, 9.0, 10.0, 11, 12.1, 12.2, 12.3, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29. Remaining of the column and tables will be filled up after completion of the work as Annual Progress Report.

2) Any other activities proposed not mentioned in this format may be incorporated in the last page with certain specification.

**PERIOD – April 2012 to March, 2013**

**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 | **23** | **125** |  |  |  |
| Balasore | FLDs – Oilseeds (activity in ha) | **5** | **25** |  |  |  |
| Balasore | FLDs – Pulses (activity in ha) | **5** | **25** |  |  |  |
| Balasore | FLDs – Cotton (activity in ha) | **0** | **0** |  |  |  |
| Balasore | FLDs – Other than Oilseed and pulse crops(activity in ha) | **19** | **23.6** |  |  |  |
| Balasore | FLDs – Other than Crops (activity in no. of Unit/Enterprise) | **4** | **30** |  |  |  |
| Balasore | Training-Farmers and farm women | **83** | **2075** |  |  |  |
| Balasore | Training-Rural youths | **13** | **195** |  |  |  |
| Balasore | Training- Extension functionaries | **13** | **195** |  |  |  |
| Balasore | Extension Activities |  |  |  |  |  |
| Balasore | Seed Production (Number of activity as seeds in quintal) | **18** |  |  |  |  |
| 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** |  |  |  |
| Balasore | Sapling Production (Number of activity as number of sapling in numbers) | **10000** | **500** |  |  |  |
| Balasore | Other Bio- products (No. of quantity) | **8q** |  |  |  |  |
| Balasore | Live stock products |  |  |  |  |  |
| Balasore | Activities of Soil and Water Testing Laboratory | **1000** | **1000** |  |  |  |
| Balasore | Rainwater Harvesting System |  |  |  |  |  |
| Balasore | Kisan Mobile Advisory (KVK-KMA) | **182** | **1000** |  |  |  |
| Balasore | SAC Meeting (Date & no. of core/ official members) | **25** | **-** |  |  |  |
| Balasore | Literature to be Developed/Published |  |  |  |  |  |
| Balasore | Convergence programmes / Sponsored programmes |  |  |  |  |  |
| Balasore | Utilization of Farmers Hostel |  |  |  |  |  |
| Balasore | Utilization of Staff Quarters | **4** | **4** |  |  |  |
| Balasore | Details of KVK Agro-technological Park |  |  |  |  |  |
| Balasore | Crop Cafeteria- |  |  |  |  |  |
| Balasore | Farm Innovators- list of 10 farm innovators from the District |  |  |  |  |  |
| Balasore | Status of Revolving Funds |  |  |  |  |  |
| Balasore | Awards and Recognitions | **2** | **20** |  |  |  |
| Balasore | Case study / Success Story to be developed | **1** | **50** |  |  |  |
| Balasore | KVK Progressive Farmers interaction | **4** | **100** |  |  |  |
| Balasore | Outreach of KVK in the District (No. of blocks, no. of villages) | **8** |  |  |  |  |
| Balasore | Technology Demonstration under Tribal Sub Plan |  |  |  |  |  |
| Balasore | KVK Ring | **3** |  |  |  |  |
| Balasore | Important visitors to KVK |  |  |  |  |  |
| Balasore | Status of KVK Website |  |  |  |  |  |
| Balasore | Status of RTI | **1** |  |  |  |  |
| Balasore | E-connectivity |  |  |  |  |  |
| Balasore | Details of Technology Week Celebrations | **1** |  |  |  |  |
| 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 31.03.2013)**

| **Name of KVK.** | **Sanctioned post** | **Name of the**  **incumbent** | **Discipline** | **Highest degree** | **Subject of**  **Specialization** | **Pay Scale (Rs.)** | **Present basic (Rs.)** | **Date of joining** | **Permanent**  **/Temporary** | **Category (SC/ST/**  **OBC/**  **Others)** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Balasore | Programme Coordinator | Sri S. K. Mohanty | Plant Protection | M. Sc. | Entomology | 15600 - 39100 + G P 6000/- | 26,590.00 | 11.06.2012 | Permanent | Others |
| Balasore | Subject Matter Specialist1 | A. C. Dash | Agronomy | M. Sc. | Agronomy | 15600 - 39100 + G P 6000/- | 22,920.00 | 20.11.2009 | Temporary | Others |
| Balasore | Subject Matter Specialist2 | Dr. D. Dash | Soil Science | Ph. D. | Soil Science | 15600 - 39100 + G P 6000/- | 22,920.00 | 30.10.2009 | Temporary | OBC |
| Balasore | Subject Matter Specialist3 | R. K. Kar | Forestry | M. Sc. | Agroforestry | 15600 - 39100 + G P 6000/- | 26,590.00 | 23.12.2008 | Permanent | Others |
| Balasore | Subject Matter Specialist4 | Mrs. A. Patra | Home Science | M. Sc. | Home Science | 15600 - 39100 + G P 6000/- | 22,920.00 | 28.10.2011 | Temporary | OBC |
| Balasore | Subject Matter Specialist5 | VACANT |  |  |  |  |  |  |  |  |
| Balasore | Subject Matter Specialist6 | VACANT |  |  |  |  |  |  |  |  |
| Balasore | Programme Assistant | M. C. Moharana | Fishery | B. FSc. | Fishery | 1640-2900  (Pre-revised) | 2600.00 | 31.01.1991 | Temporary | OBC |
| Balasore | Farm Manager | K. M. Biswal |  | B. Sc. |  | 9300-34800 +GP 4200/- | 18,660.00 | 09.11.2001 | Permanent | OBC |
| Balasore | Computer Programmer | G. K. Ojha |  | M. C. A. |  | 9300-34800 +GP 4200/- | 17,780.00 | 13.07.2005 | Permanent | OBC |
| Balasore | Accountant / superintendent | VACANT |  |  |  |  |  |  |  |  |
| Balasore | Stenographer | VACANT |  |  |  |  |  |  |  |  |
| Balasore | Driver | S. K. Das |  | 10th Std. |  | 5200-20200+GP 2000/- | 7,540.00 | 27.08.2008 | Temporary | Others |
| Balasore | Driver | VACANT |  |  |  |  |  |  |  |  |
| Balasore | Supporting staff | D. N. Das |  | 8th Std. |  | 5200-20200+GP 1800/- | 6,100.00 | 01.08.2008 | Temporary | OBC |
| Balasore | Supporting staff | R. K. Mohapatra |  | 8th Std. |  | 5200-20200+GP 1800/- | 6,480.00 | 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 (2001)in (‘000 nos.) : 2023

Male : 1038 : Rural : 1803

Female : 985 : Urban : 220

Population density : 532/sq.km.

Literates (2001) in (‘000’) : 1233 (70.94%)

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 1.4.2012 to 31.3.2013 (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 | Paradipa | 2006-07 | Baliapal | 8 | 720 | 88 |
| Balasore | Aruadam | 2006-07 | Baliapal | 16 | 450 | 78 |
| Balasore | Kalidiha | 2006-07 | Basta | 18 | 550 | 62 |
| Balasore | Nuagaon | 2006-07 | Remuna | 65 | 315 | 55 |
| Balasore | Sekhsorai | 2008-09 | Jaleswar | 55 | 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** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**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. Tech  T2 | T1 | T2 |
| Balasore | 2012 Kharif | Scarcity of labour & high cost of cultivation due to manual weeding | Assessment | IWM | Paddy | Lowland | 1 ha | 5 | Assessment of Chlorimuron ethyl + metsulfuron methy in paddy | 49.6 | 52.4 | 23960 | 30680 |
| Balasore | 2012 Kharif | Low yield due to use of local cultivars | Assessment | Varietal evaluation | Jute | Lowland | 1 ha | 5 | Assessment of jute cv.Shrestha | 26.5 | 30.4 | 21450 | 25420 |
| Balasore | 2012-13 Rabi | Scarcity of labour & high cost of cultivation due to manual weeding | Assessment | IWM | Groundnut | Medium land | 1 ha | 5 | Assessment of Imazethapyr in groundnut | In progress |  |  |  |
| Balasore | 2012-13 Rabi | Less no of flowers and improper pod filling | Assessment | INM | Groundnut | Lowland | 1 ha | 5 | Assessment of  Zn and B in groundnut | In progress |  |  |  |
| Balasore | 2012 summer | Low yield due to high infestation | Assessment | IWM | Brinjal | Medium land | 0.4ha | 5 | Assessment of quizalofop ethyl in brinjal | In progress |  |  |  |
| Balasore | 2012-13  Rabi | Dcrease in soil health due to application of chemical fertilizer only | Assessment | INM | Cauliflower | Medium land | 0.4 ha | 5 | Assessment of vermicompost in cauliflower |  |  |  |  |
| Balasore | 2012-13  Rabi | Low vegetative growth & fruit yield | Assessment | INM | Tomato | Medium land | 0.4 ha | 5 | Assessment of seedling root dip with Azospirillum along with RDF in tomato |  |  |  |  |
| Balasore | 2012  Kharf | Low in paddy due to stem borer infestation | Assessment | IPM | Paddy | Low land | 1ha | 5 | Assessment of indoxacarb for management of stem borer in paddy |  |  |  |  |
| Balasore | 2012  Kharf | Low yield in coconut due to infestation of red palm weevil | Assessment | IPM | Coconut | Medium land | 0.4 ha | 5 | Assessment of IPM measures for management of red palm weevil in coconut |  |  |  |  |
| Balasore | 2012-13  Rabi | Low yield of brinjal due to wilting | Assessment | IDM | Brinjal | Medium land | 0.4 ha | 5 | Assessment of cupper oxychloride and streptocyclin for management of wilting in brinjal |  |  |  |  |
| Balasore | 2012-13  Rabi | Low yield of bitter gourd due to stem ball | Assessment | IPM | Bitter gourd |  | 0.4 ha | 5 | Assessment of Profenophos and Acetamiprid for management of stem ball in bitter gourd |  |  |  |  |
| Balasore | 2012  Khairf | Low income due to use of high cost feed | Assessment | Composite pisciculture | Fish | Low land | 1ha | 5 | Assessment of production potentiality of Mustard oil cake as fish feed | In progress |  |  |  |
| Balasore | 2012  Khairf | Low yield due to low plankton density | Assessment | Composite pisciculture | Fish | Low land | 1ha | 5 | Assessment of micronutrient application for high fish yield | 36.3 | 45.4 | 185400 | 243200 |
| Balasore | 2012 Kharif | Lack of idea on lac cultivation in ber trees | Assessment | Integrated farming system | Brood lac with Ber trees | Rainfed up and medium land | 10 trees | 10 | Assessment of kusumi lac cultivation in ber trees | Lac is in encrustation stage |  |  |  |
| Balasore | 2012  Kharif | Decrease in quality & quantity of cocon yield due to incedence of pebrin disease | Assessment | Integrated farming system | Tassar insects with Asan/ arjun trees | Rainfed up and medium land | 1ha | 10 | Assessment of healthy tassar warm rearing by chawki method | 31580 | 36370 | 17375 | 23580 |
| Balasore | 2012-13 Rabi | Low yield due to non-application organic nutrients | Assessment | Production technology | Sweet flag  (Bacha) | Irrigated lowland | 0.4 ha | 5 | Assessment of organic nutrients in sweet flag | In progress |  |  |  |
| Balasore | 2012-13 Rabi | low stick growth due to lack of balanced nutrition | Assessment | Production technology | Ikada | Irrigated lowland | 0.4 ha | 10 | Assessment of nutrient management in ikada | 336000 | 416000 | 52140 | 65090 |
| Balasore | 2012  Kharif | Low family income and seasonal unemployment of farm women | Assessment | Mushroom production | Mushroom | Home stead | 20 No. beds | 5 | Assessment of production of milk mushroom |  |  |  |  |
| Balasore | 2012-13  Rabi | Non-availability of paddy straw mushroom in winter | Assessment | Mushroom production | Fodder crop  oat | Medium land | 42 bed | 1 | Assessment of paddy straw mushroom in poly house |  |  |  |  |
| Balasore | 2012-13  Rabi | High drudgery in harvesting | Assessment | Drudgery reduction | Paddy | Home stead | 0.2 ha | 5 | Assessment of Bhindi plucker |  |  |  |  |

**2.1a Recommendations of OFTs**

|  |  |  |
| --- | --- | --- |
| **Recommendations** | | |
| **Title of OFT** | **For Farmers** | **For Deptt. Personnel** |
| Assessment of Chlorimuron ethyl + metsulfuron methy in paddy |  |  |
| Assessment of jute cv.Shrestha |  |  |
| Assessment of Imazethapyr in groundnut |  |  |
| Assessment of  Zn and B in groundnut |  |  |
| Assessment of quizalofop ethyl in brinjal |  |  |
| Assessment of vermicompost in cauliflower |  |  |
| Assessment of seedling root dip with Azospirillum along with RDF in tomato |  |  |
| Assessment of indoxacarb for management of stem borer in paddy |  |  |
| Assessment of IPM measures for management of red palm weevil in coconut |  |  |
| Assessment of cupper oxychloride and streptocyclin for management of wilting in brinjal |  |  |
| Assessment of Profenophos and Acetamiprid for management of stem ball in bitter gourd |  |  |
| Assessment of production potentiality of Mustard oil cake as fish feed |  |  |
| Assessment of micronutrient application for high fish yield |  |  |
| Assessment of kusumi lac cultivation in ber trees |  |  |
| Assessment of healthy tassar warm rearing by chawki method |  |  |
| Assessment of organic nutrients in sweet flag |  |  |
| Assessment of nutrient management in ikada |  |  |
| Assessment of production of milk mushroom |  |  |
| Assessment of paddy straw mushroom in poly house |  |  |
| Assessment of Bhindi plucker |  |  |

* 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 & unit of Parameters** | **FP (T1)** | **RP (T2)** | **FP (T1)** | **RP (T2)** |  | **FP (T1)** | **RP (T2)** |  | **FP (T1)** | **RP(T2)** |  | **FP (T1)** | **RP (T2)** |  |
| Balasore | Assessment of Chlorimuron ethyl + metsulfuron methy in paddy | No. of tillers per hill | 12 | 16 | 30600 | 26960 |  | 54560 | 57640 |  | 23960 | 30680 |  | 1.88 | 2.14 |  |
| Balasore | Assessment of jute cv.Shrestha | Seed yield  q/ha | 4.88 | 7.75 | 18700 | 20180 |  | 39750 | 45600 |  | 21050 | 25420 |  | 2.13 | 2.26 |  |
| Balasore | Assessment of Imazethapyr in groundnut | In progress |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Assessment of  Zn and B in groundnut | In progress |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Assessment of quizalofop ethyl in brinjal |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Assessment of vermicompost in cauliflower |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Assessment of seedling root dip with Azospirillum along with RDF in tomato |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Assessment of indoxacarb for management of stem borer in paddy |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Assessment of IPM measures for management of red palm weevil in coconut |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Assessment of cupper oxychloride and streptocyclin for management of wilting in brinjal |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Assessment of Profenophos and Acetamiprid for management of stem ball in bitter gourd |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Assessment of production potentiality of Mustard oil cake as fish feed |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Assessment of micronutrient application for high fish yield | Growth, | 726gm/yr | 908gm/yr | 105000 | 120000 |  | 290400 | 363200 |  | 185400 | 243200 |  | 2.76 | 3.02 |  |
| Balasore | Assessment of kusumi lac cultivation in ber trees |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Assessment of healthy tassar warm rearing by chawki method |  |  |  | 17000 | 19000 |  | 34375 | 42500 |  | 17375 | 23500 |  | 2.02 | 2.23 |  |
| Balasore | Assessment of organic nutrients in sweet flag |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Assessment of nutrient management in ikada |  |  |  | 28500 | 34750 |  | 80640 | 99840 |  | 52140 | 65090 |  | 2.83 | 2.87 |  |
| Balasore | Assessment of production of milk mushroom |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Assessment of paddy straw mushroom in poly house |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Assessment of Bhindi plucker |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**3. Frontline Demonstrations**

**3.1. Follow-up for results of FLDs implemented during previous years ( upto 2011-12)**

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 |  |  |  |  |  |  |  |
| Balasore |  |  |  |  |  |  |  |
| Balasore |  |  |  |  |  |  |  |
| Balasore |  |  |  |  |  |  |  |
| Balasore |  |  |  |  |  |  |  |

* 1. **Details of FLDs implemented during 2012-13**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **KVK Name** | **Thematic area** | **Name of Crop/ Enterprise** | **Season and year** | **Technology demonstrated** | Crop- Area (ha) / Entrep - No. | Name of Variety  Entreprizes | Results (q/ha) | | % change | No. of farmers | | | | |
| Demons | Check | SC | ST | OBC | Others | Total |
| Balasore | Weed management | Jute | Kharif  2012 | Application of quizalofop-p-ethyl | 2 ha | Naveen | 24.8 | 23.2 | 6.90 |  |  | 5 | 5 | 10 |
| Balasore | Varietal Evaluation | Paddy | Kharif  2012 | Cultivation of hybrid rice variety Ajay | 2 ha | Ajay | 60.2 | 53.6 | 12.3 |  |  | 3 | 7 | 10 |
| Balasore | INM | Paddy | Rabi  2012-13 | Application of Azospirillum and PSB in paddy | 2 ha | Khandagiri | In progress |  |  |  |  | 2 | 8 | 10 |
| Balasore | Weed management | Paddy | Rabi  2012-13 | Application of pyrazusulfuron in paddy | 2 ha | Khandagiri | In progress |  |  |  |  |  | 6 | 6 |
| Balasore | INM | Paddy | Kharif  2012 | Incorporation of Azolla @ 8q/ha as green manure | 0.4 | Swarna | 49.96 | 40.97 | 21.93 |  |  | 5 |  | 5 |
| Balasore | INM | Betel vine | Kharif  2012 | Incorpoartion of Azotobacter & PSB @ 5 kg/ha each | 1 ha | Balipana | 251307 Nos. | 246316 | 2.02 |  |  | 9 | 1 | 10 |
| Balasore | INM | Okra | Rabi-2012 | Spraying of vermin-wash@ 20 ml/lit. at 15 days interval | 0.4 | Vermin-wash |  |  |  |  |  |  |  |  |
| Balasore | INM | NADEP compost | Round the year | Use of farm wastes, cow dung & water | 4 nos. | NADEP compost | 10.88 |  |  |  |  | 4 |  | 4 |
| Balasore | IPM | Paddy | Kharif  2012 | Spraying of Thiomethoxam @ 4g/10 lit and Buprofezin @ 2ml/lit at 15 days interval | 1 ha | Swarna |  |  |  |  |  |  |  |  |
| Balasore | IDM | Paddy | Kharif  2012 | Spraying of Validamycin @ 2ml/lit and Propioconazole @ 1.5g/lit at 15 days interval | 1 ha | Swarna |  |  |  |  |  |  |  |  |
| Balasore | IDM | Beetelvine | Rabi  2012-13 | Application of Neemcake 5q/ha along with furadon 20 kg/ha and plantation of marigold as trap crop in border | 0.4 ha | Balipana |  |  |  |  |  |  |  |  |
| Balasore | IPM | Green gram | Rabi  2012-13 | Use of yellow sticky trap and spraying of Imidacloprid @ 4ml/10 lit | 1 ha | Local |  |  |  |  |  |  |  |  |
| Balasore | Composite Pisciculture | Fish | Kharif  2012 | Probiotics with potency > 22X 1023 spores/g (500g/ha/Met/month) | 1ha | IMC | In progress |  |  |  |  |  | 5 | 5 |
| Balasore | Composite Pisciculture | Fish | Kharif  2012 | Yearling production technology by release of fish fry of size 20-25mm @ 2 lakhs /ha water area & feeding @6-8% of the biomass | 1 ha | IMC | In progress |  |  |  |  |  | 5 | 5 |
| Balasore | IFS | Acacia | Kharif,  2012 | Performance of block plantation *Acacia auriculiformis* | 0.4 ha | *Acacia auriculiformis* | In progress |  |  |  |  |  | 5 | 5 |
| Balasore | Production technology | Sabai | Kharif,  2012 | Performance of sabai grass in waste land | 0.1 ha |  | 76.5 |  |  |  | 5 | 5 |  | 10 |
| Balasore | Integrated farming | Guinea grass | Rabi,  2012-13 | Intercropping of guinea grass in acacia plantation | 0.2 ha | Makuni | In progress |  |  |  |  |  | 5 | 5 |
| Balasore | ICM | *Aloe vera* | Rabi,  2012-13 | Performance *Aloe vera* | 1 ha | - | In progress |  |  |  |  |  | 5 | 5 |
| Balasore | Nutrient Management | Azolla | Kharif  2012 | Multiplication of Azolla in low cost tank and used as cattle feed in 2:1 ratio (Commercial feed and Azolla) | 10 No | *Azolla cariliniona* |  |  |  | 3 |  | 2 |  | 5 |
| Balasore | Income generation | Duckery | Kharif  2012 | Rearing of khaki campbell in back yard | 10 No.s | Khaki campbell | In progress |  |  |  |  | 10 |  | 10 |
| Balasore | Nutriet management | Oat | Rabi  2012-13 | Cultivation of fodder Oat | 0.2 ha |  | 200 |  |  |  |  |  | 5 | 5 |
| Balasore | Income generation | Pisciculture | Rabi  2012-13 | Stocking 7500 yearling per ha water area & feeding 20kg artificial feed | 1 No | IMC | 52.5 |  |  | 2 |  |  | 8 | 10 |

**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 | Application of quizalofop-p-ethyl | Mandayshour for weeding | 26 | 04 | 16600 | 19750 | 37200 | 34800 | 20600 | 15050 | 2.24 | 1.76 |
| Balasore | Paddy | Cultivation of hybrid rice variety Ajay | No of effective tillers/hill | 12.4 | 18.6 | 37450 | 31875 | 78260 | 58960 | 40810 | 27085 | 2.09 | 1.85 |
| Balasore | Paddy | Application of Azospirillum and PSB in paddy | In progress |  |  |  |  |  |  |  |  |  |  |
| Balasore | Paddy | Application of pyrazusulfuron in paddy | In progress |  |  |  |  |  |  |  |  |  |  |
| Balasore | Paddy | Incorporation of Azolla @ 8q/ha as green manure |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Betel vine | Incorpoartion of Azotobacter & PSB @ 5 kg/ha each |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Okra | Spraying of vermin-wash@ 20 ml/lit. at 15 days interval |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | NADEP compost | Use of farm wastes, cow dung & water |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Paddy | Spraying of Thiomethoxam @ 4g/10 lit and Buprofezin @ 2ml/lit at 15 days interval |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Paddy | Spraying of Validamycin @ 2ml/lit and Propioconazole @ 1.5g/lit at 15 days interval |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Beetelvine | Application of Neemcake 5q/ha along with furadon 20 kg/ha and plantation of marigold as trap crop in border |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Green gram | Use of yellow sticky trap and spraying of Imidacloprid @ 4ml/10 lit |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Fish | Probiotics with potency > 22X 1023 spores/g (500g/ha/Met/month) |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Fish | Yearling production technology by release of fish fry of size 20-25mm @ 2 lakhs /ha water area & feeding @6-8% of the biomass |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Acacia | Performance of block plantation *Acacia auriculiformis* |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Sabai | Performance of sabai grass in waste land |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Guinea grass | Intercropping of guinea grass in acacia plantation |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | *Aloe vera* | Performance *Aloe vera* |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Azolla | Multiplication of Azolla in low cost tank and used as cattle feed in 2:1 ratio (Commercial feed and Azolla) | Milk yield lit | 7 | 6 | 341 | 801 | 144 | 120 | 110 | 40 | 4.2 | 1.5 |
| Balasore | Duckery | Rearing of khaki campbell in back yard |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Oat | Cultivation of fodder Oat | Milk  yield lit/day | 10 | 6 | 321 | 801 | 200 | 120/day | 168 | 40 | 6.2 | 1.5 |
| Balasore | Pisciculture | Stocking 7500 yearling per ha water area & feeding 20kg artificial feed | Yield | 52.5 | 36.25 | 101500 | 85000 | 402000 | 290000 | 3012500 | 205000 | 3.9 | 3.41 |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **KVK Name** | **Crop** | **Activity** | **No. of activities organized** | **Number of participants** | **Remarks** |
| Balasore | Paddy | Field days | 5 | 250 |  |
| Balasore | Paddy | Farmers Training | 5 | 125 |  |
| Balasore | Paddy | Media coverage | 4 | 200 |  |
| Balasore | Paddy | Training for extension functionaries | 2 | 30 |  |
| Balasore | Green gram | Field days | 1 | 50 |  |
| Balasore | Green gram | Farmers Training | 1 | 25 |  |
| Balasore | Green gram | Media coverage | 1 | 25 |  |
| Balasore | Green gram | Training for extension functionaries | 1 | 15 |  |
| Balasore | Jute | Field days | 2 | 100 |  |
| Balasore | Jute | Farmers Training | 1 | 25 |  |
| Balasore | Jute | Media coverage | 1 | 50 |  |
| Balasore | Jute | Training for extension functionaries | 1 | 15 |  |
| Balasore | Betelvine | Field days | 4 | 200 |  |
| Balasore | Betelvine | Farmers Training | 2 | 50 |  |
| Balasore | Betelvine | Media coverage | 2 | 50 |  |
| Balasore | Betelvine | Training for extension functionaries | 2 | 30 |  |
| Balasore | Colocasia | Field days | 1 | 50 |  |
| Balasore | Colocasia | Farmers Training | 1 | 25 |  |
| Balasore | Colocasia | Media coverage | 1 | 25 |  |
| Balasore | Colocasia | Training for extension functionaries | 1 | 15 |  |
| Balasore | Marigold | Field days | 1 | 50 |  |
| Balasore | Marigold | Farmers Training | 1 | 25 |  |
| Balasore | Marigold | Media coverage | 1 | 25 |  |
| Balasore | Marigold | Training for extension functionaries | 1 | 15 |  |
| Balasore | Chilli | Field days | 1 | 50 |  |
| Balasore | Chilli | Farmers Training | 1 | 25 |  |
| Balasore | Chilli | Media coverage | 1 | 25 |  |
| Balasore | Chilli | Training for extension functionaries | 1 | 15 |  |
| Balasore | Fish | Field days | 2 | 100 |  |
| Balasore | Fish | Farmers Training | 2 | 50 |  |
| Balasore | Fish | Media coverage | 2 | 50 |  |
| Balasore | Fish | Training for extension functionaries | 1 | 15 |  |
| Balasore | Teak | Field days | 2 | 100 |  |
| Balasore | Teak | Farmers Training | 1 | 25 |  |
| Balasore | Teak | Media coverage | 1 | 50 |  |
| Balasore | Teak | Training for extension functionaries | 1 | 15 |  |
| Balasore | *Acacia mangium* | Field days | 2 | 100 |  |
| Balasore | *Acacia mangium* | Farmers Training | 1 | 25 |  |
| Balasore | *Acacia mangium* | Media coverage | 1 | 50 |  |
| Balasore | *Acacia mangium* | Training for extension functionaries | 1 | 15 |  |
| Balasore | Sabai | Field days | 2 | 100 |  |
| Balasore | Sabai | Farmers Training | 1 | 25 |  |
| Balasore | Sabai | Media coverage | 1 | 50 |  |
| Balasore | Sabai | Training for extension functionaries | 1 | 15 |  |
| Balasore | Berseem | Field days | 2 | 100 |  |
| Balasore | Berseem | Farmers Training | 1 | 25 |  |
| Balasore | Berseem | Media coverage | 1 | 50 |  |
| Balasore | Berseem | Training for extension functionaries | 1 | 15 |  |
| Balasore | *Apis cerana indica* | Field days | 2 | 100 |  |
| Balasore | *Apis cerana indica* | Farmers Training | 1 | 25 |  |
| Balasore | *Apis cerana indica* | Media coverage | 1 | 50 |  |
| Balasore | *Apis cerana indica* | Training for extension functionaries | 1 | 15 |  |
| Balasore | Aswagandha | Field days | 1 | 50 |  |
| Balasore | Aswagandha | Farmers Training | 1 | 25 |  |
| Balasore | Aswagandha | Media coverage | 1 | 50 |  |
| Balasore | Aswagandha | Training for extension functionaries | 1 | 15 |  |
| Balasore | Azolla | Field days | 1 | 50 |  |
| Balasore | Azolla | Farmers Training | 1 | 25 |  |
| Balasore | Azolla | Media coverage | 1 | 50 |  |
| Balasore | Azolla | Training for extension functionaries | 1 | 15 |  |
| Balasore | Poultry | Field days | 1 | 50 |  |
| Balasore | Poultry | Farmers Training | 1 | 25 |  |
| Balasore | Poultry | Media coverage | 1 | 50 |  |
| Balasore | Poultry | Training for extension functionaries | 1 | 15 |  |
| Balasore | Oat | Field days | 1 | 50 |  |
| Balasore | Oat | Farmers Training | 1 | 25 |  |
| Balasore | Oat | Media coverage | 1 | 50 |  |
| Balasore | Oat | Training for extension functionaries | 1 | 15 |  |
| Balasore | Honey bee | Field days | 1 | 50 |  |
| Balasore | Honey bee | Farmers Training | 1 | 25 |  |
| Balasore | Honey bee | Media coverage | 1 | 50 |  |
| Balasore | Honey bee | Training for extension functionaries | 1 | 15 |  |

**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 | Balasore | Paddy | Ajay | CRRI | 10 | 2 |
| 2 | Balasore | Oat |  | OUAT | **5** | **0.2** |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

**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 |  |  |  |  |
| Balasore |  |  |  |  |
| Balasore |  |  |  |  |
| Balasore |  |  |  |  |

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

|  |  |
| --- | --- |
| **Name of KVK** | **Feedback basic of OFT on Technology Tested** |
|  |  |
|  |  |
|  |  |
|  |  |

**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** |
| --- | --- | --- | --- | --- |
|  | FW | Participatory appraisal | 5/4/12 at Langaleswar | 25 |
|  | FW | Participatory appraisal | 6/5/12, Sajanagarh | 25 |
|  | FW | Participatory appraisal | 8/6/12, Priyabag | 25 |
|  | FW | Participatory appraisal | 10/7/12, Katisahi | 25 |
|  | FW | Participatory appraisal | 15/7/12, Tartari | 25 |
|  | FW | Participatory appraisal | 16/8/12, Khadibil | 25 |
|  | FW | Participatory appraisal | 25/8/12, Alinda | 25 |
|  | FW | Participatory appraisal | 19/9/12, Sikharpur | 25 |
|  | FW | Participatory appraisal | 30/9/12, Benapura | 25 |
|  | FW | Participatory appraisal | 18/10/12, Bholanala | 25 |
|  | FW | Participatory appraisal | 25/10/12, Gobardhanpur | 25 |
|  | FW | Participatory appraisal | 15/11/12, Rautpada | 25 |
|  | FW | Participatory appraisal | 21/12/12, Dharmadwar | 25 |
|  | FW | Participatory appraisal | 10/1/13, Dubasahi | 25 |
|  | FW | Participatory appraisal | 15/2/13, Chaumukh | 25 |
|  | FW | Participatory appraisal | 17/3/13, Baradiha | 25 |
|  | RY | Participatory appraisal | KVK, Balasore | 15 |
|  | RY | Participatory appraisal | KVK, Balasore | 15 |
|  | IS | Participatory appraisal | KVK, Balasore | 15 |
|  | IS | Participatory appraisal | KVK, Balasore | 15 |

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

| Name of KVK | Cate-gory | Training  Type | Thematic area | Training Title | No. of  Courses | 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 | Role of plant population and fertilizer management in jute production | 1 | 1 | 25 | 10 | 0 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | FW | OFC | CP | Integrated weed management in jute | 2 | 2 | 50 | 30 | 0 | 6 | 0 | 4 | 0 | 10 | 0 |
| Balasore | FW | OFC | CP | Seed production techniques in paddy | 1 | 1 | 25 | 10 | 0 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | FW | OFC | CP | Integrated nutrient management in lowland paddy | 1 | 1 | 25 | 10 | 0 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | FW | OFC | CP | Integrated weed management in paddy | 2 | 2 | 50 | 30 | 0 | 6 | 0 | 4 | 0 | 10 | 0 |
| Balasore | FW | OFC | CP | Role of micronutrients in Kharif paddy | 1 | 1 | 25 | 10 | 0 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | FW | OFC | CP | Causes for low yield techniques to increase groundnut yield | 1 | 1 | 25 | 10 | 0 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | FW | OFC | CP | Integrated weed management in groundnut | 1 | 1 | 25 | 10 | 0 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | FW | OFC | CP | Production of techniques hybrid maize | 1 | 1 | 25 | 10 | 0 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | FW | OFC | CP | Constraints in green gram cultivation and techniques to increase yield | 1 | 1 | 25 | 10 | 0 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | RY | ONC | CP | Techniques to produce quality seed in paddy | 1 | 2 | 15 | 6 | 0 | 3 | 0 | 2 | 0 | 4 | 0 |
| Balasore | RY | ONC | CP | Green gram seed production techniques | 1 | 2 | 15 | 6 | 0 | 3 | 0 | 2 | 0 | 4 | 0 |
| Balasore | IS | ONC | CP | Role of herbicides in crop production | 1 | 2 | 15 | 4 | 2 | 3 | 0 | 2 | 0 | 2 | 2 |
| Balasore | IS | ONC | CP | Causes of low yield from pulses and techniques for yield maximization | 1 | 2 | 15 | 4 | 2 | 3 | 0 | 2 | 0 | 2 | 2 |
| Balasore | FW | OFC | HOF | Management of coconut orchard | 1 | 1 | 25 | 10 | 0 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | FW | OFC | HOT | Tuber crop cultivation in IFS system | 1 | 1 | 25 | 10 | 0 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | FW | OFC | HOV | Early cauliflower cultivation for higher return | 1 | 1 | 25 | 10 | 0 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | FW | OFC | HOF | Techniques to improve banana production | 1 | 1 | 25 | 10 | 0 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | FW | OFC | HOT | Production technology of Elephant foot yam | 1 | 1 | 25 | 10 | 0 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | FW | OFC | HOV | Production Technology of brinjal | 1 | 1 | 25 | 10 | 0 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | FW | OFC | HOV | Production technology of leafy vegetables. | 1 | 1 | 25 | 10 | 0 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | FW | OFC | HOV | Role of micronutrients in cabbage | 1 | 1 | 25 | 10 | 0 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | FW | OFC | HOO | Marigold production techniques | 2 | 2 | 50 | 30 | 0 | 6 | 0 | 4 | 0 | 10 | 0 |
| Balasore | FW | OFC | HOV | Hormonal application in cucurbits for yield enhancement | 1 | 1 | 25 | 10 | 0 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | FW | OFC | HOV | Management practices of pointed gourd | 1 | 1 | 25 | 10 | 0 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | RY | ONC | HOV | Techniques to produce quality vegetable seedlings | 1 | 2 | 15 | 6 | 0 | 3 | 0 | 2 | 0 | 4 | 0 |
| Balasore | RY | ONC | HOV | Seed production techniques in tomato | 1 | 2 | 15 | 4 | 2 | 3 | 0 | 2 | 0 | 2 | 2 |
| Balasore | IS | ONC | HOV | Post harvest management of vegetable crops | 1 | 2 | 15 | 6 | 0 | 3 | 0 | 2 | 0 | 4 | 0 |
| Balasore | IS | ONC | HOF | Cropping systems in coconut garden | 1 | 2 | 15 | 4 | 2 | 3 | 0 | 2 | 0 | 2 | 2 |
| Balasore | FW | OFC | SFM | Importance of soil testing and techniques of soil sampling method | 1 | 1 | 25 | 6 | 0 | 1 | 0 | 0 | 0 | 18 | 0 |
| Balasore | FW | OFC | SFM | Azolla green manuring and in paddy | 1 | 1 | 25 | 2 | 0 | 3 | 0 | 0 | 0 | 20 | 0 |
| Balasore | FW | OFC | SFM | INM in Betel vine | 1 | 1 | 25 | 5 | 5 | 1 | 1 | 0 | 0 | 13 | 3 |
| Balasore | FW | OFC | SFM | INM in Brinjal | 1 | 1 | 25 | 2 | 0 | 3 | 0 | 0 | 0 | 19 | 1 |
| Balasore | FW | OFC | SFM | NADEP composting | 1 | 1 | 25 | 5 | 0 | 2 | 0 | 0 | 0 | 18 | 0 |
| Balasore | FW | OFC | SFM | Techniques of soil sampling method | 1 | 1 | 25 | 3 | 0 | 0 | 0 | 0 | 0 | 22 | 0 |
| Balasore | FW | OFC | SFM | Management of micronutrient in cole crops | 1 | 1 | 25 | 6 | 0 | 2 | 0 | 0 | 0 | 17 | 0 |
| Balasore | FW | OFC | SFM | NADEP Composting (Course II) | 1 | 1 | 25 | 0 | 0 | 2 | 1 | 0 | 0 | 13 | 2 |
| Balasore | FW | OFC | SFM | Vermi-composting | 1 | 1 | 25 | 7 | 0 | 3 | 0 | 0 | 0 | 15 | 0 |
| Balasore | FW | OFC | SFM | Management of acid soil | 1 | 1 | 25 | 2 | 0 | 2 | 0 | 0 | 0 | 21 | 0 |
| Balasore | FW | OFC | PLP | Management of sheath rot in paddy | 1 | 1 | 25 | 3 | 0 | 4 | 0 | 0 | 0 | 18 | 0 |
| Balasore | FW | OFC | PLP | Integrated management of BPH and NBPH in paddy | 1 | 1 | 25 | 5 | 0 | 2 | 0 | 0 | 0 | 13 | 5 |
| Balasore | FW | OFC | PLP | Integrated management of sheath blight in paddy | 1 | 1 | 25 | 7 | 2 | 1 | 3 | 0 | 0 | 10 | 2 |
| Balasore | FW | OFC | PLP | Integrated management of stem borer in paddy | 1 | 1 | 25 | 8 | 0 | 3 | 0 | 0 | 0 | 14 | 0 |
| Balasore | FW | OFC | PLP | Integrated measures for management of nematode in betelvine | 1 | 1 | 25 | 4 | 0 | 2 | 0 | 0 | 0 | 18 | 1 |
| Balasore | FW | OFC | PLP | IPM measures for management of wilting in tomato | 1 | 1 | 25 | 4 | 0 | 0 | 0 | 0 | 0 | 21 | 0 |
| Balasore | FW | OFC | PLP | IPDM measures for management of fruit fly in cucurbits | 1 | 1 | 25 | 0 | 0 | 8 | 0 | 0 | 0 | 17 | 0 |
| Balasore | FW | OFC | PLP | IPM measures for management of insect pests of bitter gourd | 1 | 1 | 25 | 5 | 0 | 6 | 0 | 4 | 0 | 10 | 0 |
| Balasore | FW | OFC | PLP | IPM measures for management of DBM in cabbage | 1 | 1 | 25 | 0 | 0 | 2 | 0 | 0 | 0 | 16 | 7 |
| Balasore | FW | OFC | PLP | Management of fungal diseases in groundnut | 1 | 1 | 25 | 10 | 0 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | FW | OFC | PLP | Management of YMV and pod borer in pulses | 1 | 1 | 25 | 10 | 0 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | FW | OFC | PLP | Integrated pest management in jute | 1 | 1 | 25 | 10 | 0 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | FW | OFC | PLP | Role of trap crop in integrated pest management | 1 | 1 | 25 | 0 | 1 | 2 | 1 | 0 | 0 | 13 | 8 |
| Balasore | FW | OFC | FIS | Pond preparation techniques for carp culture pond | 1 | 1 | 25 | 10 | 0 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | FW | OFC | FIS | Methodology of soil and water sample collection | 1 | 1 | 25 | 10 | 0 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | FW | OFC | FIS | Pond preparation techniques for scampy culture pond | 1 | 1 | 25 | 10 | 0 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | FW | OFC | FIS | Techniques of yearling production | 2 | 2 | 50 | 20 | 0 | 6 | 0 | 4 | 0 | 20 | 0 |
| Balasore | FW | OFC | FIS | Techniques of pro-biotics application in fish culture pond | 1 | 1 | 25 | 10 | 0 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | FW | OFC | FIS | Techniques of plankton density measurement | 1 | 1 | 25 | 10 | 0 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | FW | OFC | FIS | Cultural practices for sea bash culture | 1 | 1 | 25 | 9 | 0 | 2 | 0 | 14 | 0 | 0 | 0 |
| Balasore | FW | OFC | FIS | Recycling of bio-product in pond based farming system | 1 | 1 | 25 | 8 | 0 | 3 | 2 | 14 | 0 | 0 | 0 |
| Balasore | FW | OFC | AGF | Nursery technology for raising quality planting materials of forest crops. | 1 | 1 | 25 | 2 | 0 | 2 | 0 | 0 | 0 | 16 | 5 |
| Balasore | FW | OFC | AGF | Scientific cultivation of khadi (Ikada) for income generation. | 1 | 1 | 25 | 6 | 0 | 4 | 0 | 0 | 0 | 15 | 0 |
| Balasore | FW | OFC | AGF | Tree based integrated farming for livelihood promotion. | 1 | 1 | 25 | 5 | 0 | 3 | 0 | 0 | 0 | 17 | 4 |
| Balasore | FW | OFC | AGF | Developing mangrove plantation for stable coastal ecosystem | 1 | 1 | 25 | 5 | 0 | 0 | 0 | 0 | 0 | 20 | 1 |
| Balasore | FW | OFC | AGF | Cultivating water chestnut for utilizing ditches water. | 1 | 1 | 25 | 6 | 0 | 5 | 0 | 0 | 0 | 10 | 4 |
| Balasore | FW | OFC | AGF | Fodder trees and grasses cultivation for improving livestock production. | 1 | 1 | 25 | 7 | 0 | 4 | 0 | 0 | 0 | 14 | 0 |
| Balasore | FW | OFC | AGF | Growing medicinal and aromatic plants for income generation. | 1 | 1 | 25 | 15 | 3 | 0 | 0 | 0 | 0 | 6 | 1 |
| Balasore | FW | OFC | AGF | Kusumi and rangeeni lac cultivation in suitable host trees for income generation. | 1 | 1 | 25 | 2 | 0 | 2 | 2 | 0 | 0 | 16 | 3 |
| Balasore | FW | OFC | AGF | Culturing tri-voltine lac in rain trees and allied species. | 1 | 1 | 25 | 9 | 0 | 3 | 0 | 0 | 0 | 13 | 0 |
| Balasore | FW | OFC | AGF | Managing high value timber trees and use of their produce. | 1 | 1 | 25 | 8 | 0 | 0 | 0 | 0 | 0 | 16 | 1 |
| Balasore | FW | OFC | AGF | Rearing honey bee for income generation and biodiversity conservation. | 1 | 1 | 25 | 7 | 0 | 5 | 0 | 0 | 0 | 13 | 0 |
| Balasore | FW | OFC | AGF | Sabai cultivation in wastelands for income generation. | 1 | 1 | 25 | 0 | 0 | 0 | 0 | 17 | 8 | 0 | 0 |
| Balasore | FW | OFC | WOE | Production of milk mushroom | 1 | 1 | 25 | 0 | 14 | 0 | 3 | 0 | 1 | 0 | 7 |
| Balasore | FW | OFC | WOE | Production technology of paddy straw mushroom | 1 | 1 | 25 | 0 | 15 | 0 | 0 | 0 | 1 | 0 | 9 |
| Balasore | FW | OFC | WOE | Culture and use of azolla as cattle feed | 1 | 1 | 25 | 0 | 10 | 0 | 15 | 0 | 0 | 0 | 0 |
| Balasore | FW | OFC | WOE | Cultivation of fodder crop oat. | 1 | 1 | 25 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 9 |
| Balasore | FW | OFC | WOE | Use of different women friendly equpiments for durgery reduction | 1 | 1 | 25 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 20 |
| Balasore | FW | OFC | WOE | Modern pisciculture through yearling cultivation | 1 | 1 | 25 | 0 | 17 | 0 | 3 | 0 | 1 | 0 | 4 |
| Balasore | FW | OFC | WOE | Management of back yard poultry Banaraja | 1 | 1 | 25 | 0 | 3 | 0 | 8 | 0 | 4 | 0 | 10 |
| Balasore | FW | OFC | WOE | Management of back yard duckery | 1 | 1 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 |
| Balasore | FW | OFC | WOE | Production of oyster mushroom | 1 | 1 | 25 | 0 | 5 | 0 | 11 | 0 | 0 | 0 | 9 |
| Balasore | FW | OFC | WOE | Cultivation of paddy straw mushroom in low cost poly house | 1 | 1 | 25 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 23 |
| Balasore | FW | OFC | WOE | Different value added product from seasonal vegetables | 1 | 1 | 25 | 0 | 2 | 0 | 21 | 0 | 0 | 0 | 2 |
| Balasore | FW | OFC | WOE | Low cost techniques for management of store grain pest | 1 | 1 | 25 | 0 | 7 | 0 | 5 | 0 | 0 | 0 | 13 |
| Balasore | RY | ONC | CP | Techniques to produce quality seed in paddy | 1 | 2 | 15 | 6 | 0 | 3 | 0 | 2 | 0 | 4 | 0 |
| Balasore | RY | ONC | CP | Green gram seed production techniques | 1 | 2 | 15 | 6 | 0 | 3 | 0 | 2 | 0 | 4 | 0 |
| Balasore | RY | ONC | HOV | Techniques to produce quality vegetable seedlings | 1 | 2 | 15 | 6 | 0 | 3 | 0 | 2 | 0 | 4 | 0 |
| Balasore | RY | ONC | HOV | Seed production techniques in tomato | 1 | 2 | 15 | 4 | 2 | 3 | 0 | 2 | 0 | 2 | 2 |
| Balasore | RY | ONC | SFM | Techniques of Vermi-composting and vermin-wash production | 1 | 2 | 15 | 7 | 0 | 0 | 0 | 0 | 0 | 8 | 0 |
| Balasore | RY | ONC | PLP | Preparation and use of pesticidal compost | 1 | 2 | 15 | 3 | 3 | 0 | 3 | 0 | 2 | 0 | 4 |
| Balasore | RY | ONC | PLP | Bee keeping as a source of rural income | 1 | 2 | 15 | 0 | 1 | 0 | 1 | 0 | 0 | 3 | 10 |
| Balasore | RY | ONC | FIS | Scope of self employment in pond based integrated farming | 1 | 3 | 15 | 0 | 0 | 2 | 0 | 4 | 0 | 9 | 0 |
| Balasore | RY | ONC | FIS | Scope of self employment through fresh water prawn culture | 1 | 3 | 15 | 9 | 0 | 3 | 0 | 3 | 0 | 0 | 0 |
| Balasore | RY | ONC | AGF | Medicinal and aromatic plants cultivation for income generation | 1 | 2 | 15 | 2 | 1 | 2 | 2 | 0 | 0 | 4 | 4 |
| Balasore | RY | ONC | AGF | Lac cultivation by rural youths for self employment | 1 | 2 | 15 | 0 | 0 | 0 | 0 | 9 | 6 | 0 | 0 |
| Balasore | RY | ONC | WOE | Cultivation and value addition of mushroom | 1 | 3 | 15 | 0 | 7 | 0 | 1 | 0 | 0 | 0 | 7 |
| Balasore | RY | ONC | WOE | Income generation through floriculture | 1 | 3 | 15 | 0 | 4 | 0 | 6 | 0 | 0 | 0 | 5 |
| Balasore | IS | ONC | CP | Role of herbicides in crop production | 1 | 2 | 15 | 4 | 2 | 3 | 0 | 2 | 0 | 2 | 2 |
| Balasore | IS | ONC | CP | Causes of low yield from pulses and techniques for yield maximization | 1 | 2 | 15 | 4 | 2 | 3 | 0 | 2 | 0 | 2 | 2 |
| Balasore | IS | ONC | HOV | Post harvest management of vegetable crops | 1 | 2 | 15 | 6 | 0 | 3 | 0 | 2 | 0 | 4 | 0 |
| Balasore | IS | ONC | HOF | Cropping systems in coconut garden | 1 | 2 | 15 | 4 | 2 | 3 | 0 | 2 | 0 | 2 | 2 |
| Balasore | IS | ONC | SFM | Recycling of farm wastes and green manuring | 1 | 2 | 15 | 0 | 0 | 2 | 0 | 0 | 0 | 13 | 0 |
| Balasore | IS | ONC | PLP | IPDM in Jute | 1 | 2 | 15 | 15 | 4 | 2 | 3 | 0 | 2 | 0 | 2 |
| Balasore | IS | ONC | PLP | IPDM in pulses | 1 | 2 | 15 | 15 | 4 | 2 | 3 | 0 | 2 | 0 | 2 |
| Balasore | IS | ONC | FIS | Scientific cultural practices for yearling production | 1 | 1 | 15 | 9 | 0 | 2 | 0 | 4 | 0 | 0 | 0 |
| Balasore | IS | ONC | FIS | Disease control measures in fresh water prawn culture pond | 1 | 1 | 15 | 9 | 0 | 2 | 0 | 4 | 0 | 0 | 0 |
| Balasore | IS | OFC | AGF | Cultivation and management of bamboo. | 1 | 2 | 15 | 0 | 0 | 2 | 2 | 0 | 0 | 7 | 4 |
| Balasore | IS | OFC | AGF | Profitable lac cultivation. | 1 | 2 | 15 | 5 | 0 | 0 | 0 | 0 | 0 | 10 | 0 |
| Balasore | IS | ONC | WOE | Low cost diets for pre- scholars | 1 | 2 | 15 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 12 |
| Balasore | IS | ONC | WOE | Health care of farm women during pregnancy and lactation | 1 | 2 | 15 | 0 | 3 | 0 | 0 | 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 | Techniques to produce quality seed in paddy | Paddy | ICM | 2 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | Green gram seed production techniques | Green gram | ICM | 2 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | Techniques to produce quality vegetable seedlings | Vegetables | ICM | 2 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | Seed production techniques in tomato | Tomato | ICM | 2 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | Techniques of Vermi-composting and vermin-wash production | Vermicompost | INM | 2 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | Preparation and use of pesticidal compost | Compost | IPM | 2 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | Bee keeping as a source of rural income | Honey bee | Small scale income generation | 2 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | Scope of self employment in pond based integrated farming | Fish | Intensive pisciculture | 3 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | Scope of self employment through fresh water prawn culture | Prawn | Intensive pisciculture | 3 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | Medicinal and aromatic plants cultivation for income generation | Medicinal plants | ICM | 2 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | Lac cultivation by rural youths for self employment | Lac | Small scale income generation | 2 | 3 | 0 | 2 | 0 | 10 | 0 |
| Balasore | Cultivation and value addition of mushroom | Mushroom | Income generation | 3 | 0 | 3 | 0 | 2 | 0 | 10 |
| Balasore | Income generation through floriculture | Flower | Income generation | 2 | 0 | 3 | 0 | 2 | 0 | 10 |

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

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

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

**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 | 15 |  |  |  |  |  |  |  |  |  |  |
| Balasore | Kisan Mela | 1 |  |  |  |  |  |  |  |  |  |  |
| Balasore | Kisan Ghosthi |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Exhibition |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Film Show |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Method Demonstrations |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Farmers Seminar |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Workshop |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Group meetings |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Lectures delivered as resource persons | 12 |  |  |  |  |  |  |  |  |  |  |
| Balasore | Newspaper coverage | 15 |  |  |  |  |  |  |  |  |  |  |
| Balasore | Radio talks | 3 |  |  |  |  |  |  |  |  |  |  |
| Balasore | TV talks | 4 |  |  |  |  |  |  |  |  |  |  |
| Balasore | Popular Articles | 5 |  |  |  |  |  |  |  |  |  |  |
| Balasore | Extension Literature | 6 |  |  |  |  |  |  |  |  |  |  |
| Balasore | Farm Advisory Services | 31 |  |  |  |  |  |  |  |  |  |  |
| Balasore | Scientific visit to farmers field |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Farmers Visit to KVK |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Diagnostic Visits |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Exposure Visits |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Ex-trainees Sammelan | 1 |  |  |  |  |  |  |  |  |  |  |
| Balasore | Soil Health Camp |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Animal Health Camp |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Agri Mobile Clinic |  |  |  |  |  |  |  |  |  |  |  |
| Balasore | Soil Test Campaigns | 02 |  |  |  |  |  |  |  |  |  |  |
| Balasore | Farm Science Club conveners meet | 05 |  |  |  |  |  |  |  |  |  |  |
| Balasore | Self Help Group conveners meetings | 10 |  |  |  |  |  |  |  |  |  |  |

**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 | Parijat | SD | 14 | qtl |  |  |
|  | Pulses |  |  |  |  |  |  |  |
| Balasore | Oilseeds | Toria | Parvati | SD | 4 | qtl |  |  |
| Balasore | Mushroom | Mushroom | Paddy Straw | PM | 200 | No.s |  |  |
| Balasore | Mushroom | Mushroom | Oyster | PM | 100 | No.s |  |  |

**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, Cauliflower,  Cabbagae |  |  |  | Utkal Ava, Utkal Rashmi, Pusa ruby, Utkal kumari  Swati, Early synthetic,Green gold, Green express | seedlings | 50000 |  |  |  |
| Balasore | Fruits | Papaya |  |  |  | Red lady, Madhu, Tokita | saplings | 5000 |  |  |  |
| Balasore | Forest plants | Acacaia, Teak, Bamboo  Mahagony |  |  |  | A.mangium, A.auriculiformis | saplings | 5000 |  |  |  |

**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** | 8 q |  |  |  |

**7.4 Livestock and fisheries production**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| KVK Name | Name  of 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 | 5000 |  |  |  |
| 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 | 1000 |  |  |  |  |
| Balasore | Water Sample | 500 |  |  |  |  |

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

Training programmes to be conducted by using Rainwater Harvesting Demonstration Unit BD21421_

| **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 | 182 | 900 | 100 |  |
|  |  |  |  |  |

**11. Details of SAC Meeting**

|  |  |  |  |
| --- | --- | --- | --- |
| **KVK Name** | **Date of SAC meeting** | **No. of SAC members attended** | **Major recommendations** |
| Balasore | 08/07/2011 |  |  |
|  |  |  |  |
|  |  |  |  |

**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 | CD | SRI method of paddy cultivation |  |
| Balasore | CD | Azolla |  |
| Balasore | CD | NADEP Composting |  |
| Balasore | CD | Pisciculture activities in Balasore district |  |

**12.3 PUBLICATIONS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Category** | **Number** | **Date of start** | **Periodicity** | **Number of copies to be printed** | **Number of copies to be distributed** |
| Research Paper |  | **Type** | **Title** | **Author’s name** | **Number of copies** |
| Technical bulletins | 15 |  |  |  |  |
| Technical reports | 2 |  |  |  |  |
| Popular article | 20 |  |  |  |  |
| 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 | - | - | - | - | - |
| 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)** |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

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

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) |
|  | Crop Cafeteria |  |
|  | Technology Desk |  |
|  | Visitors Gallery |  |
|  | Technology Exhibition |  |
|  | Technology Gate-Valve |  |

**c). Crop Cafeteria-**

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

**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 | Radhakanta Panda | Fish breeding | Tentei, Via- Anantapur, |
| 2 | Balasore | Amulya Behera | Azolla | Kulhachada, Baliapal |
| 3 | Balasore | Ananta Rout | Azolla | Dagara |
| 4 | Balasore | Ranjan Bhuiyan | NADEP | Katisahi |
| 5 | Balasore | Sabita Bej | Vermicompost & Vermiwash | Sk Sharai |
| 6 | Balasore | Bharati Nayak | Vermicompost & Vermiwash | Sk Sharai |
| 7 | Balasore | Gouri Shankar Nayak | Vermicompost | Sk Sharai |
| 8 | Balasore | Sumana Parida | Vermicompost & Vermiwash | Sahadevkhunta, Balasore |
| 9 | Balasore | Ananta Jena | Vermicompost & Vermiwash | Kushadiha |

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

**19. Outreach of KVK**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name of KVK | Number of Blocks | | Number of Villages | |
| Intensive | Extensive | Intensive | Extensive |
| Balasore |  |  |  |  |
| Balasore |  |  |  |  |
| Balasore |  |  |  |  |

Intensive- OFTS, FLDS etc

Extensive- Literatures, Publications, Awareness programmes 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 |  |  |
| 2 | KVK, Mayurbhanj |  |  |

22. Important visitors to KVK

|  |  |  |  |
| --- | --- | --- | --- |
| Name of KVK | Name of Visitor | Date of Visit | Remarks |
|  |  |  |  |
|  |  |  |  |

23. Status of KVK Website:

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

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** |
|  | Gosthies |  |  |  |
|  | Lectures organized |  |  |  |
|  | Exhibition |  |  |  |
|  | Film show |  |  |  |
|  | Fair |  |  |  |
|  | Farm Visit |  |  |  |
|  | Diagnostic Practical’s |  |  |  |
|  | Distribution of Literature (No.) |  |  |  |
|  | Distribution of Seed (q) |  |  |  |
|  | Distribution of Planting materials (No.) |  |  |  |
|  | Bio Product distribution (Kg) |  |  |  |
|  | Bio Fertilizers (q) |  |  |  |
|  | Distribution of fingerlings (No) |  |  |  |
|  | Distribution of Livestock specimen (No.) |  |  |  |
|  | Total number of farmers visited the technology week |  |  |  |

**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.)** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

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

**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)**