**ICAR-ATARI XI, Bengaluru**

**ACTION PLAN REPORT -2018-19 OF ICAR-KVK, BALLARI**

**GUIDELINES**

**(*Please read this carefully without fail*)**

1. Select the cluster villages in the district based on the need analysis through different methods and interactions with farmers and field level extension functionaries, farmers group meetings, field visits, focus on specific locations of the district etc. Conduct PRA in those clusters and identify crop and livestock based problems. Then prioritize the problems based on criteria like the extent, severity, importance and frequency of each problem with quantitative data.
2. Plan of work must correspond to the prioritized problems to be addressed in selected cluster of villages. Before proposing the Action Plan, discuss in details about the prioritized problems with factors affecting through problem-cause diagram, technological solutions available and technological interventions to be undertaken by KVK.
3. It is observed that team spirit is lacking while addressing the problems. Therefore need based multi-disciplinary team of Scientists should be formed for implementing various technological interventions effectively and efficiently.
4. Integrated approach with combination of OFTs, FLDs, Training and Extension activities should be followed for implementing technological interventions proposed.
5. If the continuing OFT/FLD is indicated in the proposal, the outcome the intervention should be reported with data and action photographs in the action plan.
6. **In case of FLD on crops, kindly ensure that relevant latest varieties / hybrids are included.**
7. Technology interventions in animal husbandry, poultry and fisheries need additional emphasis. Respective Veterinary Universities and experienced KVKs may be approached in this regard.
8. Vocational trainings should be planned on the thrust area identified in the operational area. Specific vocational programmes may be conducted for mobile workers (para-technicians) and field personnel engaged in animal husbandry activities.
9. **OFT / FLD proposals on fodder crops production may please be uniformly included under Livestock category under feed and fodder management**.
10. Those KVKs implementing National Food Security Mission and which have been sanctioned special scheme entitled “Technology demonstration for harnessing pulse productivity” need to give a separate action plan for 2018-19 as per the proforma.
11. In OFT proposals, source of the technology for all the Technology Options need to be stated without fail.
12. KVKs shall lay emphasis on the recent technologies with conscious effects to locate and arrange for each technology from SAU/ICAR institutes.
13. Budget allocation under FLD/OFT (2018-19) will be based on your approved proposals. No additional proposals are entertained later on.
14. Define specific action plan in respect of Soil, Water and Plant Testing Laboratory.
15. KVKs are suggested to undertake HRD activities for the capacity building of their staff.
16. Plan for public-private partnership to enhance the availability of seed/planting material/bio-agent etc. in the villages for speedy popularization of technologies promoted through various KVK activities.
17. Extension Official-Scientists-Farmers interaction may please be given utmost importance in every activity of the KVK.
18. Activities planned during 2018-19 under Rain Water Harvesting applies to only those KVKs which are already having these programmes
19. Minimum **ONE SACs for the forthcoming year**.
20. KVKs are supposed to function on cluster mode for sharing of knowledge and resources; hence you are requested to form rings of with 3-5 neighboring KVKs.
21. Additional activities proposed other than mandated activities have to be incorporated in the action plan and presented during the meeting for technical approval by ICAR-ATARI.

###### ICAR-ATARI – ZONE XI, BENGALURU

###### PROFORMA FOR ACTION PLAN OF KVKs IN ZONE XI FOR THE YEAR 2018-19

###### 1. General information about the ICAR-Krishi Vigyan Kendra

|  |  |  |  |
| --- | --- | --- | --- |
| 1. | Name and address of KVK with Phone, Fax and e-mail, Website | : | **ICAR - KRISHI VIGYAN KENDRA,**  HAGARI-583 111, **BALLARI**  Dist.  Phone No. 08392-265080  Mobil No. 9480696317  Fax – 08392-265080  e-mail : [kvkhagari@yahoo.com](mailto:kvkhagari@yahoo.com)  [pckvkballai@uasraichur.edu.in](mailto:pckvkballai@uasraichur.edu.in)  [www.kvk.Ballari@icar.gov.in](http://www.kvk.Ballari@icar.gov.in) |
| 2. | Name and address of host organization | : | University of Agricultural Sciences, Raichur.  Phone / Fax : 08352-220440, 08352-220152  e-mail : [deuasrcr09@rediffmail.com](mailto:deuasrcr09@rediffmail.com); deuasr@gmail.com |
| 3. | Year of sanction | : | 1995 |
| 4. | Name of agro-climatic zone | : | Zone-III |
| 5. | Major farming systems/enterprises | : | Agriculture, Horticulture , Livestock (Dairy, Poultry and Sheep) |
| 6. | Soil type | : | Black, Red & Mixed black and red |
| 7. | Annual rainfall (mm) | : | 615 mm |

**2. Details of staff as on date**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl.**  **No.** | **Sanctioned post** | **Name of the incumbent** | **Discipline** | **Existing Pay band** | **Grade Pay** | **Date of joining** | **Permanent / Temporary** | **If vacant action plan for filling the post on permanent basis** |
| 1. | Senior Scientist and Head | Dr. Ravishankar. G | Senior Scientist and Head  (Agronomy) | 37400-67000 | 9000 | 12-09-2013 | Permanent | Requested the University to fill the vacant posts |
| 2. | Scientist | Dr. Ramesh B.K. | Scientist (Animal Science) | 15600-39100 | 7000 | 21-04-2006 | Permanent |
| 3. | Scientist | Dr. Govindappa M.R. | Scientist (Plant Pathology) | 15600-39100 | 7000 | 05-08-2016 | Permanent |
| 4. | Scientist | Mr. V.Anandkumar | Scientist (Entomology) | 15600-39100 | 6000 | 12-08-2011 | Permanent |
| 5 | Scientist | Dr. Shilpa H | Scientist (Home Science) | 15600-39100 | 6000 | 28-04-2015 | Permanent |
| 6 | Scientist | Vacant | Scientist (Horticulture) | -- | -- | -- | -- |
| 7 | Scientist | Vacant | Scientist (Soil Science) | -- | -- | -- | -- |
| 8 | Programme Assistant | Mr. K. Vijayashekhar | Programme Asst. (Soil Science) | 20000-36300 | -- | 11-06-2009 | Permanent |
| 9 | Computer Programmer | Mr. Ashok S. Mahendrakar | Programme Asst. (Computer) | 9300-34800 | 4200 | 02-02-2009 | Permanent |
| 10 | Farm Manager | Vacant | Farm Manager | -- | -- | -- | -- |
| 11 | Assistant | Keshava Nayaka P.G.R | Assistant | 16000-29600 | -- | 30-07-2017 | Permanent |
| 12 | Stenographer | Smt. B. Mamatha | Assistant | 16000-29600 | -- | 29-04-2011 | Permanent |
| 13 | Driver 1 | Mr. Eranna J | Driver (LV) | 20000-36300 | -- | 09-08-2016 | Permanent |
| 14 | Driver 2 | Mr. Veeranna Swamy | Tractor Driver | 14550-26700 | -- | 01-05-2009 | Permanent |
| 15 | Supporting staff 1 | Vacant | Cook cum care taker | -- | -- | -- | -- |
| 16 | Supporting staff 2 | Smt. M.Laxmamma | Farm Labour | 10400-16400 | -- | 03-01-1995 | Permanent |

**3. Details of SAC meeting conducted during 2018-19**

|  |  |
| --- | --- |
| **Sl.**  **No** | **Tentative date of SAC meeting proposed during 2018-19** |
| 01 | April 2018 |

**4. Capacity Building of KVK Staff**

**A. Plan of Human Resource Development of KVK personnel during 2018-19**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S. No** | **Category** | **Area of training** | **Institution proposed to attend** | **Justification** | **Details of trainings attended during 2017-18** |
| 1. | Senior Scientist and Head | Dryland agriculture techniques | CRIDA, Hyderabad | For up gradation of knowledge | -- |
| 2. | Scientist (Animal Science) | Recent advances in dairying, poultry and sheep rearing | NIANP, Bangalore | For up gradation of knowledge | CAFT training programme on “Advances in poultry production” at VCRI, Namakkal from 07 to 27 Feb. 2018 |
| 3. | Scientist (Plant Pathology) | IPDM | NBAIR, Bangalore | For up gradation of knowledge | Refresher Course on “Innovative Strategies for Diagnosis and Management of Plant Disease”at UAS, Dharwad from 08 to 28 December 2018. |
| 4. | Scientist (Entomology) | IPM | TNAU, Coimbatore | For up gradation of knowledge | Training on “Agro Eco-system Analysis (AESA) based plant health management (PHM) in conjunction with Ecological Engineering for Pest Management – Vegetables” at NIPHM , Hyderabad from 18-01-2018 to 07-02-2018 |
| 5 | Scientist (Home Science) | Probiotics | CFTRI, Mysore | For up gradation of knowledge | -- |
| 6 | Scientist | -- | -- | -- | -- |
| 7 | Scientist | -- | -- | -- | -- |
| 8 | Programme Assistant | -- | -- | -- | -- |
| 9 | Computer Programmer | Production of farm tech short films and e-extension tools for efficient transfer of technology | TANUVAS, Chennai | For up gradation of knowledge | -- |
| 10 | Farm Manager | -- | -- | -- | -- |
| 11 | Administrative | -- | -- | -- | -- |

**B. Cross-learning across KVKs**

|  |  |  |  |
| --- | --- | --- | --- |
| **S. No** | **Name of the KVK proposed** | **Purpose** | **Mode of learning** |
| **1** | **Within ring – KVK ,** Gulbarga  **KVK**, Bidar | - Pulse crop cultivation, Value addition and commercial crops  cultivation. | Field visits / interaction |
| **2** | **Within the zone – KVK ,** Chitradurga (Babbur)  **KVK ,** Dharwad  **KVK ,** Davanagere | **-** Value addition, Dryland techniques and cropping systems  - Horticulture nursery and organic farming practices  - Production and supply of need based inputs | Field visits / interaction |
| **3** | **Outside zone – KVK ,** Anantapura, Andhra Pradesh  **KVK ,** Yagantipalli, Kurnool dist., AP  **KVK ,** Namakkal, Tamil Nadu | - Moisture conservation, utilization of natural resources  - Paddy production systems, fodder production and IFS.  - Demonstration of animal science components and fodder crops. | Field visits / interaction |

**5. Proposed cluster of KVKs (3 to 5 neighboring KVKs) to be formed for sharing knowledge/expertise, resources and activities**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No.** | **Name of the KVK included in the cluster** | **Nature of sharing** | | |
| **Knowledge/expertise** | **Resources (facilities and products)** | **Activities** |
| 1 | KVK, Gangavathi & KVK, Raichur | Paddy mechanization, Horticulture nursery, value addition, Goat and sheep farming, Laser leveling | Technical knowledge sharing with scientist / progressive farmers during visits / interaction / trainings | Training programmes and demonstrations |
| 2 | KVK, Gadag & KVK, Davanagere | Promotion of millets, dry land horticulture, value addition, production and supply of bio-agents and bio-fertilizers | Technical knowledge sharing with scientist / progressive farmers during visits / interaction / trainings | Training programmes and demonstrations |

**6. Plan of Work for 2018-19**

A. Operational areas details proposed

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **SN** | **Taluk/ block** | **Name of cluster villages** | | **Major crops & enterprises being practiced** | **Major problems identified** | **Identified thrust areas based on problems** | **If existing from which year** |
| **Existing** | **New** |
| 1 | Ballari | -- | T.Budihal, Godehal  Shankarabande, Ibrahimpura | Bengalgram, Jowar, Maize, Paddy, Foxtail millet, Cotton, chilli, redgram, Safflower, Jasmine, Dairy and small ruminants | Monocropping, Moisture stress, Low yield, use of local varieties, shortage of labour, poor soil fertility, leaf reddening in cotton, lack of awareness on processing and value addition, pest and disease menance, poor milk yield, shortage of fodder and nutrient deficiency. | OFT, FLD & training | -- |
| 2 | Kurugodu | -- | Somasamudra, Koluru, Sridhargadda, | Fig, Chilli, Cotton, Maize, millets, redgram, dairy and small ruminants | Rust of fig, leaf curl, powdery mildew, fruit rot of chilli, blight in maize, leaf reddening and pink bollworm menace in cotton, poor milk yield, shortage of fodder and poor growth in sheep and goat, lack of awareness on processing and value addition in field crops. | OFT, FLD & training | -- |
| 3 | Kudligi | -- | Kudligi, Kottur, Choudapura | Groundnut, Maize, Foxtailmillet, Jowar, dairy and small ruminants | Low yield, Moisture stress, use of local varieties, Nutrient deficiency, poor soil fertility, lack of awareness on processing and value addition, pest and disease menace, poor milk yield, shortage of fodder and nutrient deficiency. | OFT, FLD & training | -- |
| 4 | Sanduru | -- | Vaddu, Basapura, Kurekoppa | Vegetable crops onion, maize, paddy, dairy and small ruminats | Monocropping, use of local varieties, nutrient deficiency, poor soil fertility, lack of awareness on processing and value addition, pest and disease menace, poor milk yield, shortage of fodder and nutrient deficiency. | OFT, FLD & training | -- |
| 5 | H.B.Halli cluster | -- | Krishnapura, Chilagod, Tambrahalli  Nelkudari | Maize, Groundnut, Jowar, Millets, Onion, Vegetable crops, Pomegranate, Dairy and Small ruminants | Use of local varieties, nutrient deficiency, poor soil fertility, lack of awareness on processing and value addition, pest and disease menace, poor milk yield and shortage of fodder. | OFT, FLD & training | -- |

B. Prioritized problems and KVK interventions proposed

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Crop/ enterprise** | **Taluk/ block** | **Prioritized problems** | **Technological solution** | **Interventions proposed (please tick)** | | | | |
| **OFT** | **FLD** | **Training** | **Extension**  **programmes** | **Production of technology inputs** |
| Chickpea | Ballari | Low yield of existing varieties  and wilt susceptibility | BGD-103 / Jaki - 9218 | √ | -- | √ | √ | -- |
| Safflower | Ballari | Low yield of existing varieties and sucking pest incidence | PBNS-12 | √ | -- | √ | √ | -- |
| Bengalgram | Ballari | Dry root rot and wilt complex menace in bengalgram causing drastic yield loss | Seed treatment with Carbendazim + Mancozeb (Sprint) 2.5g/kg seeds and soil application of *T. Viridae* enrich (1 kg / 250 kg) FYM in furrow application 30-45 DAS | √ | -- | √ | √ | -- |
| Onion | Sandur | Thrips and purple blotch incidence | 1. Seed treatment with Thiram + Carbendazim (2:1) @ 3g/kg seed against purple blotch. 2. Spray fungicides and pesticide in combination for effective management of pest and disease. Spray Schedule includes 3. Mancozeb 75 WP @ 2.5 g/l + Methomyl 40 SP @ 1 g/l at 30 DAT 4. Tricyclazole 75 WP @ 1 g/l + Carbosulfan 25 EC @ 2 ml/l at 45 DAT 5. Hexaconazole 5 SC @ 1 ml/l + Profenofos 50 EC @ 2 ml/l at 60 DAT.   (Spray at 10-15 days interval depending on insect pest /disease intensity. However if disease/pest incidence is higher, then one additional spray of any of the above combination should be taken) | √ | -- | √ | √ | -- |
| Paddy | Ballari | Scarcity of water and higher cost of production | DSR | -- | √ | √ | √ | -- |
| Rabi jowar | Ballari | Moisture stress and low yield | Seed treatment with 2% CaCl2 | -- | √ | √ | √ | -- |
| Maize | Kudligi | Tursicum Leaf blight & micronutrient deficiency | Spray of Mancozeb 75 WP (2g/l)  Hexaconazole 5% EC (1ml/l)  *P. fluorescens*@ 5 g/l  Soil application of ZnSO4 and  FeSO4 | -- | √ | √ | √ | -- |
| Paddy | Ballari | Blast and BPH menace | Spray of Metarhizium anisopliae @ 2g /l  Neem oil @ 3ml/l  Lecanicillium lecani @ 2g /l  Beauveria bassiana @2 g/l  *P. fluorescens @* 5g/l | -- | √ | √ | √ | -- |
| Foxtailmillet | Siruguppa | Low yield of local varieties | Cultivation of high yielding variety HN-46 | -- | √ | √ | √ | -- |
| Paddy | Ballari | Smut , Sheath blight and Blast diseases | Seed treatment with brine solution @ 10g/lt. Application of 0.5 gms trifloxystrobin 25% + tebuconazole (Nativo) at 50% panicle emergence stage (Takes care of other diseases like blast, leaf scald and grain discolouration if one spray is given at tillering stage) | -- | √ | √ | √ | -- |
| Bt. Cotton | Ballari | Pink boll worm menace | IPM Practice | -- | √ | √ | √ | -- |
| Cauliflower | Sandur | Indiscriminate use of chemical pesticides for DBM management | IPM Practice viz.,   * Mustard as trap crop * Spray of 5% NSKE * Spray of Dichlorovas @ 0.5 ml/l | -- | √ | √ | √ | -- |
| Chilli | Siruguppa | Root wilt, Powdery mildew and murda complex | IPM/ ICM Practice | -- | √ | √ | √ | -- |
| Fig | Kurugoud | Rust and micronutrient deficiency | Spray of fungicides , insecticides & micronutrients soil application | -- | √ | √ | √ | -- |
| Banana | Hospet | Low yield and pre-mature finger drop | ICM Practice | -- | √ | √ | √ | -- |
| Tomato | Kudligi | Pinworm menace | IPM Practice | -- | √ | √ | √ | -- |
| Bengalgram | Ballari | Low yield, wilt, rust and pod borer menace | ICM Practice | -- | √ | √ | √ | -- |
| Groundnut | Kudligi | Low yield, wilt, stem rot, rust and thrips menace | ICM Practice | -- | √ | √ | √ | -- |
| Dairy cows | H.B.Halli | Feeding of unpalatable oilseeds cake to increase fat % alters digestion and decreases milk yield | Farmers practice + supplementation of rumen bypass fat @ 100 g /d/animal for 30days | -- | √ | √ | √ | -- |
| Fodder production | H.B.Halli | Palatable feed & fodder problem | CoFS-31 | -- | √ | √ | √ | -- |
| Fodder production | H.B.Halli | Non-availability of hardy leguminous fodder crops | Hedge Lucerne  Stylosanthes  Sesbania | -- | √ | √ | √ | -- |
| Poultry | Ballari | A need for technology to control house fly menance in poultry sheds | Trap with lures for one month | -- | √ | √ | √ | -- |
| Fig | Ballari | Lack of awareness on value addition, excess production, low shelflife, fruit cracking and lower price | Preparation of value added fig products (dehydrated figs, jam and lather etc) | -- | √ | √ | √ | -- |
| Millets | Ballari | Lack of awareness on value addition, excess production and lower price | Preparation of value added millet products (rice, chakkuli, holige, nippattu, malt, hurihittu etc) | -- | √ | √ | √ | -- |
| Milky mushroom | Siruguppa | Inefficient use of agricultural crop waste and unemployment | Introduction of milky mushroom cultivation for higher income | -- | √ | √ | √ | -- |

**7. Details of technological interventions**

## Technology Assessment

**7.A.1. Crops**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SN** | **Title** | **Thematic Area** | **Crop Category** | **Crop Name** | **Variety / Hybrid Name** | **Farming Situation** | **Problem Definition** | **Area (ha)** | **No. of Trials** | **Critical Inputs Provided & Total Amount (DBT)** |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** |  | **9** | **10** |
| 1 | Assessment of high yielding and wilt tolerant chickpea varieties | Varietal performance | Pulses | Chickpea | Jaki-9218 | Rainfed | Low yield of local varieties  and wilt susceptibility | 1.2 | 03 | Seeds of  BGD-103 & Jaki-9218  *Trichoderma*  PSB  *Rhizobium &*  **7500=00** |
| 2 | Assessment of new high yielding safflower variety PBNS-12 | Varietal performance | Oilseeds | Safflower | PBNS-12 | Rainfed | Low yield of existing varieties and sucking  pest incidence | 1.2 | 03 | Seeds of  A-2  PBNS-12  Azosprillium  ZnSo4  & **3600=00** |
| 3 | Assessment of technologies for management practices of dry root rot and wilt complex in Bengalgram. (New) | IDM | Pules | Bengalgram | Jaki-9218 | Rainfed | Dry root rot and wilt complex menace in bengalgram causing drastic yield loss | 1.2 | 03 | Tebuconazole  Carbendazim  Carbendazim + Mancozeb (Sprint)  *T. Viridae*  & **2200=00** |
| 4 | Assessment of new techniques for management of Thrips and purple blotch disease in onion (New) | IPDM | Commercial | Onion | Bellary Red | Irrigated | Thrips and purple blotch incidence | 1.2 | 03 | Imidacloprid 60 FS  Fipronil 5 SC  *P. fluorescens* Difenconazole 25 EC  Iprobenfos 48 EC  Mancozeb 75 WP  Methomyl 40 SP  Tricyclazole 75 WP  Carbosulfan 25 EC  Hexaconazole 5 SC  Profenofos 50 EC  & **12255=00** |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SN | Title | Male | | Female | | Farmers Practice | Recommended Practice (RP) | Source of Technology (RP) |
| Others | SC/ST | Others | SC/ST |
| 1 | 2 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 1 | Assessment of high yielding and wilt tolerant chickpea varieties | 03 | -- | -- | -- | Local variety (JG-11) | BGD 103 | UAS, Dharwad/Raichur |
| 2 | Assessment of new high yielding safflower variety PBNS-12 | 03 | -- | -- | -- | Local (A-1) | A-2 | UAS, Dharwad/ Raichur |
| 3 | Assessment of technologies for management practices of dry root rot and wilt complex in Bengalgram. | 03 | -- | -- | -- | Untreated seeds | Seed treatment with Tebuconazole 2ml/kg seeds for root rot and Carbendazim 2g/kg seeds for wilt | UAS, Bangalore |
| 4 | Assessment of new techniques for management of Thrips and purple blotch disease in onion | 03 | -- | -- | -- | Indiscriminate spray of -   1. α-Cyalothrin @1ml, Profenofhos @ 2ml/l, Cypermethrin @ 1 ml/l etc., against Thrips 2. Mancozeb @ 2gm/l, Carbendazim @ 2gm/ l etc., against Purple blotch disease | 1. Seed treatment with Imidacloprid 60 FS @ 15 ml/kg seeds against Thrips. 2. Spray of Fipronil 5 SC @ 1 ml/l of water against Thrips. 3. Seed treatment with *Pseudomonas fluorescens* @ 5 g/kg seeds against Purple blotch. 4. Spray of Difenconazole 25 EC @ 1 ml/l of water against Purple blotch. 5. Spray of *Pseudomonas fluorescens* @ 5 g/l of water against Purple blotch. 6. Spray of Iprobenfos 48 EC @ 1 ml/l of water against Purple blotch. | UAS, Dharwad/ Raichur |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SN | Title | Tech. Option1 | To1: Source of Technology | Tech. Option2 | To2: Source of Technology | Tech. Option3 | To3: Source of Technology | Tech. Option4 | To4: Source of Technology |
| 1 | 2 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 1 | Assessment of high yielding and wilt tolerant chickpea varieties | Jaki-9218 | PDKV, Akola | -- | -- |  | -- | -- | -- |
| 2 | Assessment of new high yielding safflower variety PBNS-12 | PBNS-12 | MPKVV, Parabhani | -- | -- | -- | -- | -- | -- |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3 | Assessment of technologies for management practices of dry root rot and wilt complex in Bengalgram. | Seed treatment with Carbendazim + Mancozeb (Sprint) 2.5g/kg seeds and soil application of *T. Viridae* enrich (1 kg / 250 kg) FYM in furrow application 30-45 DAS | UAS, Raichur | -- | -- | -- | -- | -- | -- |
| 4 | Assessment of new techniques for management of Thrips and purple blotch disease in onion | 1. Seed treatment with Thiram + Carbendazim (2:1) @ 3g/kg seed against purple blotch. 2. Spray fungicides and pesticide in combination for effective management of pest and disease. Spray Schedule includes 3. Mancozeb 75 WP @ 2.5 g/l + Methomyl 40 SP @ 1 g/l at 30 DAT 4. Tricyclazole 75 WP @ 1 g/l + Carbosulfan 25 EC @ 2 ml/l at 45 DAT 5. Hexaconazole 5 SC @ 1 ml/l + Profenofos 50 EC @ 2 ml/l at 60 DAT.   (Spray at 10-15 days interval depending on insect pest /disease intensity. However if disease/pest incidence is higher, then one additional spray of any of the above combination should be taken) | Directorate on Onion & Garlic Research, Pune | -- | -- | -- | -- | -- | -- |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| SN | Title | Primary Parameter  (yield) | Primary Parameter Unit  (Q/ha) | Secondary Parameter1 | Secondary Parameter Unit1 | Secondary Parameter2 | Secondary Parameter Unit2 |
| 1 | 2 | 26 | 27 | 28 | 29 | 30 | 31 |
| 1 | Assessment of high yielding and wilt tolerant chickpea varieties | Yield | Q/ha | Wilt incidence | % | Economics | Rs. / ha |
| 2 | Assessment of new high yielding safflower variety PBNS-12 | Yield | Q/ha | Pest incidence | % | Economics | Rs. / ha |
| 3 | Assessment of technologies for management practices of dry root rot and wilt complex in Bengalgram. | Yield | Q/ha | Dry root rot incidence  Wilt complex | % | Economics | Rs. / ha |
| 4 | Assessment of new techniques for management of Thrips and purple blotch disease in onion | Yield | t/ha | Thrips  Purple blotch incidence | Nos.  % | Economics | Rs. / ha |

**7.A.2. Livestock**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S. No. | Title | Thematic Area | Livestock Category | Livestock Name | Unit Size (Nos) | Problem Definition | No. of Trials | Critical Inputs Provided & Total Amount (DBT) |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1 | -- | -- | -- | -- | -- | -- | -- | -- |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SN | Title | Male | | Female | | Farmers Practice | Recommended Practice (RP) | Source of Technology (RP) |
| Others | SC/ST | Others | SC/ST |
| 1 | 2 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 1 | -- | -- | -- | -- | -- | -- | -- | -- |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SN | Title | Tech. Option1 | To1: Source of Technology | Tech. Option2 | To2: Source of Technology | Tech. Option3 | To3: Source of Technology | Tech. Option4 | To4: Source of Technology |
| 1 | 2 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 1 | -- | -- | -- | -- | -- | -- | -- | -- | -- |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| SN | Title | Primary Parameter | Primary Parameter Unit | Secondary Parameter1 | Secondary Parameter Unit1 | Secondary Parameter2 | Secondary Parameter Unit2 |
| 1 | 2 | 25 | 26 | 27 | 28 | 29 | 30 |
| 1 | -- | -- | -- | --- | -- | -- | -- |

**7.A.3. Enterprise**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S. No. | Title | Thematic Area | Enterprise Name | Variety / Species Name | Unit Size (Nos) | Problem Definition | No. of Trials | Critical Inputs Provided & Total Amount (DBT) |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| -- | -- | -- | -- | -- | -- | -- | -- | -- |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SN | Title | Male |  | Female | | Farmers Practice | Recommended Practice (RP) | Source of Technology (RP) |
| Others | SC/ST | Others | SC/ST |
| 1 | 2 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| -- | -- | -- | -- | -- | -- | -- | -- | -- |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SN | Title | Tech. Option1 | To1: Source of Technology | Tech. Option2 | To2: Source of Technology | Tech. Option3 | To3: Source of Technology | Tech. Option4 | To4: Source of Technology |
| 1 | 2 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| SN | Title | Primary Parameter | Primary Parameter Unit | Secondary Parameter1 | Secondary Parameter Unit1 | Secondary Parameter2 | Secondary Parameter Unit2 |
| 1 | 2 | 25 | 26 | 27 | 28 | 29 | 30 |
| -- | -- | -- | -- | -- | -- | -- | -- |

**7.A.4. Farm Implement**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| S. No. | Title | Thematic Area | Farm Implement Name | Unit Size (Nos) | Problem Definition | No. of Trials | Critical Inputs Provided & Total Amount (DBT) |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| -- | -- | -- | -- | -- | -- | -- | -- |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SN | Title | Male |  | Female | | Farmers Practice | Recommended Practice (RP) | Source of Technology RP |
| Others | SC/ST | Others | SC/ST |
| 1 | 2 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| -- | -- | -- | -- | -- | -- | -- | -- | -- |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SN | Title | Tech. Option1 | To1: Source of Technology | Tech. Option2 | To2: Source of Technology | Tech. Option3 | To3: Source of Technology | Tech. Option4 | To4: Source of Technology |
| 1 | 2 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| SN | Title | Primary Parameter  (Yield) | Primary Parameter Unit (Q/ha) | Secondary Parameter1 | Secondary Parameter Unit1 | Secondary Parameter2 | Secondary Parameter Unit2 |
| 1 | 2 | 24 | 25 | 26 | 27 | 28 | 29 |
| -- | -- | -- | -- | -- | -- | -- | -- |

**7.B Frontline Demonstrations**

**7.B.1. Crops**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SN | Title | Thematic Area | Crop Category | Crop Name | Variety / Hybrid Name | Farming Situation | No. of demos | Area (ha) | Season | Previous Crop |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|  | Demonstration of drill sown paddy cultivation | Cropping system | Cereals | Paddy | BPT-5204 | Irrigated | 10 | 04 | Kharif |  |
|  | Demonstration on drought management practices in rabi jowar | Drought management | Cereals | Rabi jowar | M-35-1 | Rainfed | 10 | 04 | Rabi |  |
|  | Integrated crop management in maize | ICM | Cereals | Maize | Syngenta-6210 | Kharif | 10 | 04 | Kharif |  |
|  | Eco-friendly management of major pests and disease of paddy | IPDM | Cereals | Paddy | BPT-5204 | Irrigated | 10 | 04 | Kharif |  |
|  | Demonstration of new high yielding foxtail millet variety HN-46 | Varietal evaluation | Millets | Foxtail millet | HN-46 | Rainfed | 10 | 04 | Kharif |  |
|  | Integrated disease management in paddy | IDM | Cereals | Paddy | BPT-5204 | Irrigated | 10 | 04 | Kharif |  |
|  | Integrated approach for the management of pink bollworm in Bt. Cotton | IPM | Commercial | Bt. Cotton | Jadoo | Rainfed | 10 | 04 | Kharif |  |
|  | Management of Diamond Back Moth in Cauliflower | IPM | Horticulture | Cauliflower | Private hybrids | Irrigated | 10 | 04 | Kharif |  |
|  | Integrated crop management in chilli | ICM | Commercial | Chilli | Bydagi | Irrigated | 10 | 04 | Rabi |  |
|  | Integrated crop management in Fig | ICM | Fruits | Fig | Bellary (RCR-1) | Irrigated | 10 | 04 | Rabi |  |
|  | Integrated crop management in Banana | ICM | Fruits | Banana | Elakki | Irrigated | 10 | 04 | Rabi |  |
|  | Management of pinworm *(Tuta absoluta)* in tomato | IPM | Vegetables | Tomato | Namadhari | Irrigated | 10 | 04 | Summer |  |
|  | ICM in bengalgram | ICM | Pulses | Bengalgram | BGD-103 / JG-11 | Rainfed | 10 | 04 | Rabi |  |
|  | ICM in groundnut | ICM | Oilseeds | Groundnut | TMV-2 / K-9 | Rainfed | 10 | 04 | Kharif |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SN | Title | Male | | Female | | Farmers Practice | Recommended Practice | Source of Technology Recommended Practice |
| Others | SC/ST | Others | SC/ST |
| 1 | 2 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 1 | Demonstration of drill sown paddy cultivation | 10 | -- | -- | -- | Transplanting | DSR | UAS, Raichur |
| 2 | Demonstration on drought management practices in rabi jowar | 10 | -- | -- | -- | No seed treatment with CaCl2 | Seed treatment with 2% CaCl2 | UAS, Raichur & Dharwad |
| 3 | Integrated crop management in maize | 10 | -- | -- | -- | Indiscriminate use of fungicides | Spray of Mancozeb 75 WP (2g/l)  Hexaconazole 5% EC (1ml/l)  *P. fluorescens*@ 5 g/l  ZnSO4  FeSO4  Hexaconazole 5% EC | UAS, Raichur & Dharwad |
| 4 | Eco-friendly management of major pests and disease of paddy | 10 | -- | -- | -- | Indiscriminate use of insecticides | Spray of Metarhizium anisopliae @ 2g /l  Neem oil @ 3ml/l  Lecanicillium lecani @ 2g /l  Beauveria bassiana @2 g/l  *P. fluorescens @* 5g/l | DRR, Hyderabad/ UAS, Dharwad |
| 5 | Demonstration of new high yielding foxtail millet variety HN-46 | 10 | -- | -- | -- | Cultivation of low yielding varieties | Cultivation of high yielding varieties HN-46 | UAS, Raichur & Dharwad |
| 6 | Integrated disease management in paddy | 10 | -- | -- | -- | Indiscriminate use of insecticides & fungicides | Brine solution 10g/l.  Trysyclazole 75 WP @ 2g/Kg  Trifloxystrobin 25% + tebuconazole (Nativo) @ 0.5 g/l  *P. fluorescens* @5g/l | IIRR, Hyderbad |
| 7 | Integrated approach for the management of pink bollworm in Bt. Cotton | 10 | -- | -- | -- | Indiscriminate use of insecticides | IPM Practice | UAS, Raichur |
| 8 | Management of Diamond Back Moth in Cauliflower | 10 | -- | -- | - | Indiscriminate use of insecticides | IPM Practice viz.,   * Mustard as trap crop * Spray of 5% NSKE   Spray of Dichlorovas @ 0.5 ml/l | IVRC, Varanasi and IIHR, Bengaluru |
| 9 | Integrated crop management in chilli | 10 | -- | -- | -- | Indiscriminate use of fungicides & nutrients | IPM/ ICM Practice | UAS, Raichur & Dharwad |
| 10 | Integrated crop management in Fig | 10 | -- | -- | -- | Indiscriminate use of fungicides | Spray of fungicides , insecticides & micronutrients soil application | UHS, Bagalkot |
| 11 | Integrated crop management in Banana | 10 | -- | -- | -- | Lack of awareness of ICM practices | ICM Practice | IIHR, Bengaluru |
| 12 | Management of pinworm *(Tuta absoluta)* in tomato | 10 | -- | -- | -- | Indiscriminate use of insecticides | IPM Practice | NBAIR, Bengaluru |
| 13 | ICM in bengalgram | 10 | -- | -- | -- | Indiscriminate use of pesticides | ICM Practice | UAS, Raichur & Dharwad |
| 14 | ICM in groundnut | 10 | -- | -- | -- | Indiscriminate use of pesticides | IPDM Practice | UAS, Raichur |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SN | Title | Critical Inputs Provided & Total Amount (DBT) | Primary Parameter  (Yield) | Primary Parameter Unit (Q/ha) | Secondary Parameter1 | Secondary Parameter Unit1 | Secondary Parameter2 | Secondary Parameter Unit2 |
| 1 | 2 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 1 | Demonstration of drill sown paddy cultivation | Pendimethalin  Bispyribac sodium  Zinc sulphate  Iron Sulphate  *Azosprillum*  PSB  Soil analysis  & **30800=00** | Yield | Q/ha | Yield / Sqmt | g | Economics | Rs. / ha |
| 2 | Demonstration on drought management practices in rabi jowar | Azosprillium  CaCl2  Chlorpyriphos  Zinc sulphate  Soil analysis  & **12300=00** | Yield | Q/ha | Yield / Sqmt | g | Economics | Rs. / ha |
| 3 | Integrated crop management in maize | Mancozeb 75 WP  Hexaconazole 5% EC  *P. fluorescens*  ZnSO4  FeSO4  Vermicompost  Soil Analysis & **17900=00** | Yield | Q/ha | Tursicum leaf blight disease incidence | % | Economics | Rs. / ha |
| 4 | Eco-friendly management of major pests and disease of paddy | Metarhizium anisopliae  Neem oil  Lecanicillium lecani  Beauveria bassiana  *P. fluorescens*  & **12500=00** | Yield | Q/ha | BPH  Leaf folder & Blast incidence | No./hills %  % | Economics | Rs. / ha |
| 5 | Demonstration of new high yielding foxtail millet variety HN-46 | Seeds of  HN-46  Azosprillum   & **2000=00** | Yield | Q/ha | Fodder yield | t/ha | Economics | Rs. / ha |
| 6 | Integrated disease management in paddy | Brine solution  Tricyclazole 75 WP  Trifloxystrobin 25% + tebuconazole (Nativo)  *P. fluorescens*  & **19100=00** | Yield | Q/ha | Sheath blight  Blast incidence | %  % | Economics | Rs. / ha |
| 7 | Integrated approach for the management of pink bollworm in Bt. Cotton | Pheromone traps  Lures  Profenophos 50 EC  Thiodicarb 75 WP  Lambdacyhalothrin & **32900=00** | Yield | Q/ha | Pink boll worm  incidence | % | Economics | Rs. / ha |
| 8 | Management of Diamond Back Moth in Cauliflower | Chinese cauliflower seeds  Neem soap  Pongamia soap Neem oil  Dichlorvos 76 EC **13200=00** | Yield | Q/ha | Diamond back moth  incidence | % | Economics | Rs. / ha |
| 9 | Integrated crop management in chilli | Azospirillum  *Trichoderma viridae*  *P. fluorescens*  Hexaconazole 5% EC  Tebuconazole 25 EC  Yellow traps  Blue traps  & **33000=00** | Yield | Q/ha | Wilt , powdery mildew,  murda,  leaf curl  incidence | % | Economics | Rs. / ha |
| 10 | Integrated crop management in Fig | Mancozeb 75 WP  Hexaconazole 5 EC  Zinc sulphate  Magnesium sulphate  Dicofol 18.5% EC  **& 15100=00** | Yield | t/ha | Rust incidence | % | Economics | Rs. / ha |
| 11 | Integrated crop management in Banana | Neem cake  Sunhemp seeds  Thiophanate methyl  Banana special  & **40000=00** | Yield | t/ha | No. of hands/bunch | No. | Economics | Rs. / ha |
| 12 | Management of pinworm *(Tuta absoluta)* in tomato | Pheromone traps  Lures  Chlorantraniliprole 18.5 EC  & **12250=00** | Yield | t/ha | No. of mines/leaf  No. of fruits damaged/plant | No. | Economics | Rs. / ha |
| 13 | ICM in bengalgram with special emphasis on Wilt, rust & pod borer management | Rhizobium  PSB  Trichoderma  Bt  Hexaconazole 5 EC  Spinosad  & **26400=00** | Yield | Q/ha | Wilt &  pod borer incidence | % | Economics | Rs. / ha |
| 14 | ICM in groundnut | Sprint  Pseudomonas foliar  Ferrous sulphate  Hexaconazole Zineb  Blue sticky traps  Verticillium lecanii & **22700=00** | Yield | Q/ha | Stem rot and leaf spot  incidence | % | Economics | Rs. / ha |

**7.B.2. Livestock**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| SN | Title | Thematic Area | Livestock Category | Livestock Name | No. of units | No. of Demos |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | Use of rumen bypass fat to improve milk yield and per cent milk fat in dairy cows | Nutrition Management | Dairy cows | Cross bred Cows | 10 animals | 10 |
| 2 | Demonstration of high yielding multi cut palatable fodder sorghum variety CoFS-31 for dairy animals | Feed & Fodder | Fodder production | CoFS-31 | 03 ha | 15 |
| 3 | Introduction of hardy and perennial leguminous forages for small ruminants. | Feed & Fodder | Fodder production | Hedge lucerne | 1 ha | 10 |
| 4 | Management of house fly menace in poultry sheds through house fly traps and lures | House fly management | Poultry | Poultry | 05 nos. | 05 nos. |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SN | Title | Male | | Female | | Farmers Practice | Recommended Practice | Source of Technology Recommended Practice |
| Others | SC/ST | Others | SC/ST |
| 1 | 2 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 1 | Use of rumen bypass fat to improve milk yield and per cent milk fat in dairy cows | 10 | -- | -- | -- | Conventional feeding methods without bypass fat | Farmers practice + supplementation of rumen bypass fat @ 100 g /d/animal for 30days | KVAFSU, Bidar |
| 2 | Demonstration of high yielding multi cut palatable fodder sorghum variety CoFS-31 for dairy animals | 15 | -- | -- | -- | Napier grass | CoFS-31 | TANUVAS,  Chennai |
| 3 | Introduction of hardy and perennial leguminous forages for small ruminants. | 10 | -- | -- | -- | -- | Hedge Lucerne  Stylosanthes  Sesbania | IGFRI, Dharwad |
| 4 | Management of house fly menace in poultry sheds through house fly traps and lures | 05 | -- | -- | -- | Litter management (Litter is kept in dry condition) | Housefly trap with lures | DSIR(Dept of Scientific and Industrial Research, GoI) |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SN | Title | Critical Inputs Provided & Total Amount (DBT) | Primary Parameter | Primary Parameter Unit | Secondary Parameter1 | Secondary Parameter Unit1 | Secondary Parameter2 | Secondary Parameter Unit2 |
| 1 | 2 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 1 | Use of rumen bypass fat to improve milk yield and per cent milk fat in dairy cows | Bypass fat  & **5000=00** | Milk yield | L/day | Milk fat | % | SNF | % |
| 2 | Demonstration of high yielding multi cut palatable fodder sorghum variety CoFS-31 for dairy animals | CoFS-31 seeds  & **8000=00** | Milk yield | L/day | Fodder yield | t/ha | Economics | Rs. |
| 3 | Introduction of hardy and perennial leguminous forages for small ruminants. | Seeds of Hedge Lucerne  Stylosanthes &  Sesbania  & **5500=00** | Fodder yield | t/ha | Growth of lambs | Kg | Economics | Rs. |
| 4 | Management of house fly menace in poultry sheds through house fly traps and lures | Trap with lures for one month  & **9000=00** | Number of houseflies trapped in 24 hours. | Number | FCR of birds | Ratio | -- | -- |

**7.B.3. Enterprise**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| SN | Title | Thematic Area | Category | Name | Variety/Species | No. of units | No of Demos |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | Enhancement of income of fig growers through value addition | Value addition | Fruits | Fig | Bellary local/  Brown turkey | 03 SHGs | 03 SHGs |
| 2 | Branding and market linkage of value added millet products as an IGA | Value addition | Millets | Millets | -- | 03 SHGs | 03 SHGs |
| 3 | Introduction of Milky mushroom cultivation | Cultivation practices | Horticulture | Mushroom | Milky mushroom | 03 | 03 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SN | Title | Male | | Female | | Farmers Practice | Recommended Practice | Source of Technology Recommended Practice |
| Others | SC/ST | Others | SC/ST |
| 1 | 2 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 1 | Enhancement of income of fig growers through value addition | - | - | - | - | - | Preparation of value added fig products (dehydrated figs , jam and lather etc) | UAS , Raichur |
| 2 | Branding and market linkage of value added millet products as an IGA | - | - | - | - | - | Preparation of value added millet products (rice, chakkuli, holige, nippattu, malt, hurihittu etc) | UAS, Dharwad, Raichur &  Bangalore |
| 3 | Introduction of Milky mushroom cultivation | 10 | -- | -- | -- | -- | Introduction of milky mushroom cultivation | DMR,Solan and IIHR, Banagalore |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SN | Title | Critical Inputs Provided & Total Amount (DBT) | Primary Parameter | Primary Parameter Unit | Secondary Parameter1 | Secondary Parameter Unit1 | Secondary Parameter2 | Secondary Parameter Unit2 |
| 1 | 2 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 1 | Enhancement of income of fig growers through value addition | Ingredients and chemicals required for demonstration  Packaging materials  Labels 2 packets X 1000 labels@ Rs.1  Sealing machine (1 nos)  Hand refractometer (1 nos) & **24000=00** | Cost of production | Rs./ Unit | Quantity of value added products | Kg | Economics | Rs. / kg |
| 2 | Branding and market linkage of value added millet products as an IGA | Labels  2 packets X 1000 labels@ Rs.1  Sealing machine & **16500=00** | Cost of production | Rs./ Unit | Quantity of value added products | Kg | Economics | Rs. / kg |
| 3 | Introduction of Milky mushroom cultivation | Spawn  Packaging materials  Sealing machine Formaldehyde and bavistin & **21000=00** | Yield | Kg / Unit | Cost of production | Rs. / Unit | Economics | Rs. / Unit |

**7.B.4. Farm Implement**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SN | Title | Thematic Area | Farm Implement Name | Cost of Implement | Area (ha) | Season | Labour Required (Check) | Labor Required (demo) | % save | Time saved to cover/ha (hrs) | No. of demos |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SN | Title | Male |  | Female | | Farmers Practice | Recommended Practice | Source of Technology Recommended Practice |
| Others | SC/ST | Others | SC/ST |
| 1 | 2 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| -- | -- | -- | -- | -- | -- | -- | -- | -- |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SN | Title | Critical Inputs Provided & Total Amount (DBT) | Primary Parameter  (Yield) | Primary Parameter Unit (Q/ha) | Secondary Parameter1 | Secondary Parameter Unit1 | Secondary Parameter2 | Secondary Parameter Unit2 |
| 1 | 2 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| -- | -- | -- | -- | -- | -- | -- | -- | -- |

**C. Trainings**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **SN** | **Training Category**  **(OFT/ FLD/Others)** | **Training Type**  **(Regular/ Vocational/**  **Sponsored/ Rural Youth/ Extension )** | **Training location (On/Off)** | **Training For (General /Rural Youth/ Extension )** | **Duration (Days)** | **Title** | **Thematic Area** |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** |
|  | OFT | Regular | On / Off | General / Rural youths | 01 | ICM in chickpea | Varietal performance |
|  | OFT | Regular | On / Off | General / Rural youths | 01 | ICM in Safflower | Varietal performance |
|  | OFT | Regular | On / Off | General / Rural youths | 01 | IPDM in Bengalgram | IDM |
|  | OFT | Regular | On / Off | General / Rural youths | 01 | IPDM in Onion | IPDM |
|  | FLD | Regular | On / Off | General / Rural youths | 01 | Production technology for paddy | Cropping system |
|  | FLD | Regular | On / Off | General / Rural youths | 01 | Drought management practices | Irrigation Management |
|  | FLD | Regular | On / Off | General / Rural youths | 01 | ICM in maize | ICM |
|  | FLD | Regular | On / Off | General / Rural youths | 01 | Eco-friendly management of pest and diseases in paddy | IPDM |
|  | FLD | Regular | On / Off | General / Rural youths | 01 | Management of Diamond back moth in Cauliflower | IPM |
|  | FLD | Regular | On / Off | General / Rural youths | 01 | IDM in paddy | IDM |
|  | FLD | Regular | On / Off | General / Rural youths | 01 | Advanced production technologies in millets | Varietal evaluation |
|  | FLD | Regular | On / Off | General / Rural youths | 01 | Management of pink bollworm in Bt. Cotton | IPM |
|  | FLD | Regular | On / Off | General / Rural youths | 01 | Plant protection in chilli | ICM |
|  | FLD | Regular | On / Off | General / Rural youths | 01 | ICM in Fig | ICM |
|  | FLD | Regular | On / Off | General / Rural youths | 01 | INM in Banana | INM |
|  | FLD | Regular | On / Off | General / Rural youths | 01 | Management of pinworm in tomato | IPM |
|  | FLD | Regular | On / Off | General / Rural youths | 01 | Wilt, rust & pod borer management in bengalgram | IPDM |
|  | FLD | Regular | On / Off | General / Rural youths | 01 | ICM in groundnut | ICM |
|  | FLD | Regular | On / Off | General / Rural youths | 01 | Rumen bypass fat and its advantages over oil seed cakes to enhance milk fat percentage. | Nutrition Management |
|  | FLD | Regular | On / Off | General / Rural youths | 01 | Forage crop production and usage. | Feed & Fodder |
|  | FLD | Regular | On / Off | General / Rural youths | 01 | Suitable forage crops for small ruminant production | Feed & Fodder |
|  | FLD | Regular | On / Off | General / Rural youths | 01 | House fly management in poultry | House fly management |
|  | FLD | Regular | On / Off | General / Rural youths | 01 | Value addition to fig | Value addition |
|  | FLD | Regular | On / Off | General / Rural youths | 01 | Value addition to millets | Value addition |
|  | FLD | Regular | On / Off | General / Rural youths | 01 | Introduction of Milky mushroom cultivation | Cultivation practices |
|  | Others | Regular | On / Off | General / Rural youths | 01 | Value addition to sapota | Value addition |
|  | Others | Regular | On / Off | General / Rural youths | 01 | Organic manure production | Organic farming |
|  | Others | Regular | On / Off | Extension | 01 | Safe use of pesticide | Plant Protection |
|  | Others | Regular | On / Off | Extension | 01 | Role of bio-pesticides | Plant Protection |
|  | Others | Regular | On / Off | Extension | 01 | Recent agronomical practices in field crops | Agronomy |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SN** | **Sub Thematic Area** | **Skill is to impart? (Y/N)** | **Source of Fund(if sponsored)** | **Agency Name** | **Amount (Rs)** | **Others Male** | **Others Female** | **SC/ST Male** | **SC/ST Female** |
| **1** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** |
|  | **--** | Yes | **--** | **--** | **--** | 30 | **--** | **--** | **--** |
|  | **--** | Yes | **--** | **--** | **--** | 30 | **--** | **--** | **--** |
|  | **--** | Yes | **--** | **--** | **--** | 30 | **--** | **--** | **--** |
|  | **--** | Yes | **--** | **--** | **--** | 30 | **--** | **--** | **--** |
|  | **--** | Yes | **--** | **--** | **--** | 30 | **--** | **--** | **--** |
|  | **--** | Yes | **--** | **--** | **--** | 30 | **--** | **--** | **--** |
|  | **--** | Yes | **--** | **--** | **--** | 30 | **--** | **--** | **--** |
|  | **--** | Yes | **--** | **--** | **--** | 30 | **--** | **--** | **--** |
|  | **--** | Yes | **--** | **--** | **--** | 30 | **--** | **--** | **--** |
|  | **--** | Yes | **--** | **--** | **--** | 30 | **--** | **--** | **--** |
|  | **--** | Yes | **--** | **--** | **--** | 30 | **--** | **--** | **--** |
|  | **--** | Yes | **--** | **--** | **--** | 30 | **--** | **--** | **--** |
|  | **--** | Yes | **--** | **--** | **--** | 30 | **--** | **--** | **--** |
|  | **--** | Yes | **--** | **--** | **--** | 30 | **--** | **--** | **--** |
|  | **--** | Yes | **--** | **--** | **--** | 30 | **--** | **--** | **--** |
|  | **--** | Yes | **--** | **--** | **--** | 30 | **--** | **--** | **--** |
|  | **--** | Yes | **--** | **--** | **--** | 30 | **--** | **--** | **--** |
|  | **--** | Yes | **--** | **--** | **--** | 30 | **--** | **--** | **--** |
|  | **--** | Yes | **--** | **--** | **--** | 30 | **--** | **--** | **--** |
|  | **--** | Yes | **--** | **--** | **--** | 30 | **--** | **--** | **--** |
|  | **--** | Yes | **--** | **--** | **--** | 30 | **--** | **--** | **--** |
|  | **--** | Yes | **--** | **--** | **--** | 30 | **--** | **--** | **--** |
|  | **--** | Yes | **--** | **--** | **--** | 30 | **--** | **--** | **--** |
|  | **--** | Yes | **--** | **--** | **--** | 30 | **--** | **--** | **--** |
|  | **--** | Yes | **--** | **--** | **--** | 30 | **--** | **--** | **--** |
|  | **--** | Yes | **--** | **--** | **--** | 30 | **--** | **--** | **--** |
|  | **--** | Yes | **--** | **--** | **--** | 30 | **--** | **--** | **--** |
|  | **--** | Yes | **--** | **--** | **--** | 30 | **--** | **--** | **--** |
|  | **--** | Yes | **--** | **--** | **--** | 30 | **--** | **--** | **--** |
|  | **--** | Yes | **--** | **--** | **--** | 30 | **--** | **--** | **--** |

**D. Extension programme**

| **SN** | **Extension programme** | **No. of Programme** | **No. of Farmers/ participants** | **No. of Extension Officers** |
| --- | --- | --- | --- | --- |
|  | Advisory over Phone | 1000 | 1000 | 7 |
|  | Bi-Monthly meeting | 6 | 350 | 15 |
|  | Celebration of Special Days | 12 | 500 | 20 |
|  | Diagnostic visit | 50 | 200 | 10 |
|  | Exhibition | 8 | 3000 | 16 |
|  | Exposure Visit | 10 | 100 | 5 |
|  | Ex-trainees Sammelan | 2 | 80 | 4 |
|  | Extension Literature | 10 | - | 5 |
|  | Farmers Scientst conveners meeting | 5 | 100 | 6 |
|  | Farmer /Extension personnel visit to KVK | 10 | 250 | 10 |
|  | Farmers Seminar/ Workshop | 4 | 120 | 5 |
|  | Field day | 8 | 1500 | 5 |
|  | Film Show | -- | -- | -- |
|  | Formation of SHGs | 4 | 120 | 2 |
|  | Group Meeting | 10 | 300 | 4 |
|  | Kisan Ghosti | 4 | 130 | 5 |
|  | Kisan Mela | 5 | 5000 | 5 |
|  | Lecture delivered as resource person | 70 | 2500 | 7 |
|  | Method demonstration | 10 | 300 | 4 |
|  | News paper coverage | 25 | - | - |
|  | No. of animals treated | 40 | 40 | 2 |
|  | Popular arterials | 20 | - | 5 |
|  | Radio talk | 18 | - | 07 |
|  | Scientist visit to Farmers Field | 150 | 300 | 6 |
|  | SHC campaign | -- | -- | -- |
|  | SHG meeting | 10 | 400 | 03 |
|  | Technical Reports | 12 | - | 6 |
|  | TV Talk | 15 | - | - |
|  | Other- Specify | - | - | - |
| Total | | **1518** | **16290** | **164** |

**8. Activities proposed**

1. **Mobile Advisory Services**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Message Type** | **Crops** | **Livestock** | **Weather** | **Marketing** | **Awareness** | **Other enterprise** | **Total** |
| Text | 35 | 13 | 08 | 15 | 05 | 14 | 90 |
| Voice | -- | -- | -- | -- | -- | -- | -- |
| **Total** | **35** | **13** | **08** | **15** | **05** | **14** | **90** |

1. **Seed/ Quality Planting Material**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name of the Crop | Quantity to be Produced | | Expected income (Rs) | Expected expenditure (Rs) | Net returns (Rs) |
| Seed (kg) | Planting Material (Nos) |
| Bengalgram (BGD 103) | 12000 | -- | 720000=00 | 240000=00 | 480000=00 |
| Jowar (M 35-1) | 5000 | -- | 200000=00 | 60000=00 | 140000=00 |
| Safflower (A-2) | 2000 | -- | 80000=00 | 20000=00 | 60000=00 |

1. **Bio Products**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name of the Bio Product | Quantity to be Produced | | Expected income (Rs) | Expected expenditure (Rs) | Net returns (Rs) |
| Product (kg) | Others (Nos) |
| -- | -- | -- | -- | -- | -- |

1. **Home Care Production**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name of Home product | Quantity to be Produced | | Expected income (Rs) | Expected expenditure (Rs) | Net returns (Rs) |
| Product (kg) | Others (Nos) |
| -- | --- | -- | -- | -- | -- |

1. **Livestock**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name of Livestock | To be Produced (Nos) (Target) | Expected income (Rs) | Expected expenditure (Rs) | Net returns (Rs) |
| -- | -- | -- | -- | -- |

1. **Farm Production**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name of Farm Produce | To be Produced | | Expected income (Rs) | Expected expenditure (Rs) | Net returns (Rs) |
| Product (kg) | Others (Nos) |
| Vermicompost | 10000 | -- | 50000=00 | 20000=00 | 30000=00 |
| Kitchen garden | -- | -- | 5000=00 | 1000=00 | 4000=00 |
| Foxtail millet processing | -- | -- | 10000=00 | 2000=00 | 8000=00 |

1. **Publication / Literature**

|  |  |  |  |
| --- | --- | --- | --- |
| Item Name | Title | Author’s Name | No. of circulation |
| Folders | IPDM in Chill | KVK Scientists | 500 |
| Folders | IPDM in Cotton | KVK Scientists | 500 |
| Folders | IPDM in Maize | KVK Scientists | 500 |
| Folders | IFS, Organic farming, nutrient management, soil and water testing | KVK Scientists | 500 |
| Folders | Value addition in millets | KVK Scientists | 500 |
| Folders | Dairying and Poultry | KVK Scientists | 500 |
| **Total** |  |  | **3000** |

1. **Electronic Media**

|  |  |  |  |
| --- | --- | --- | --- |
| Media Type | Title | No. circulation | Developed by |
| -- | -- | -- | -- |

1. **SWTL Activities**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Type | No. of samples to be analyzed | Names of the team members involved | Expected income (Rs) | Expected expenditure (Rs) | Net returns (Rs) |
| Soil | 250 | Programme Assistant (Soil science) & Senior Scientist and Head | 50000=00 | 5000=00 | 45000=00 |
| Water | 150 | 1500=00 | 2000=00 | 1300=00 |
| Plant | -- | -- | -- | -- |
| Others | **400** | **65000=00** | **7000=00** | **46300=00** |

***No. of SHC to be distributed: 400***

1. **News letter**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | To be issue | No. of Soft copies to be issue | No. of hard copies to be issue |
| -- | **--** | **--** | **--** |

1. **Technology Week**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Proposed Date | No. of agencies to be linked | Qty. Seeds supply | Qty. Planting material supply | Qty. bio products supply |
| -- | **--** | **--** | **--** | **--** |

1. **Proposed Projects**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Project Name | Role of KVK | Duration | Project Outlay (Rs) | Additional Man Power to be planned |
| -- | **--** | **--** | **--** | **--** |

1. **Farmer’s Field School planned**

|  |  |  |  |
| --- | --- | --- | --- |
| Thematic area | Title of the FFS | Budget proposed in Rs. | No. of farmers |
| **--** | **--** | **--** | **--** |

1. **E-linkage**

|  |  |  |
| --- | --- | --- |
| **SN** | **Nature of activities** |  |
| 1 | Is KVK has website (Y/N) | Yes |
| 2 | If NO, date of website to be develop & host | www.kvkballari.com |
| 3 | Name of the module assigned during Orientation Programme | Lab Management |
| 4 | Plan, Progress and expected date of completion | -- |

1. **KVK instructional farm Activities**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SN | Plot | Season | Area (ha) | Name of the crop | Expected Yield (kg) | Expected Expenditure (Rs) | Expected income (Rs) | Net returns (Rs) |
| 1 | -- | -- | -- | -- | -- | -- | -- | -- |

1. **Activities planned under Rainwater Harvesting Scheme (only to those KVKs which are already having scheme under Rain Water Harvesting)**

|  |  |  |
| --- | --- | --- |
| SN | Activities planned | Remarks if any |
| **--** | **--** | **--** |

1. **Plan of other activities**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SN | Proposed activities | Expected expenditure (Rs) | Expected income (Rs) | Net Returns (Rs) | Name of the team members involved |
| -- | -- | -- | -- | -- | -- |

1. **Innovative Farmer’s Meet**

|  |  |
| --- | --- |
| Particulars | Details |
| Are you planning for conducing Farm Innovators meet in your district? | Yes |
| If Yes likely month of the meet | 2 times once in July 2018 & December 2018 |
| Brief action plan in this regard | Will be planned |

**10. Organic Farming**

## Technology Assessment related to organic farming

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SN | Title | Thematic Area | Crop Category | Crop Name | Variety / Hybrid Name | Farming Situation | Problem Definition | Area (ha) | No. of Trials | Critical Inputs Provided & Total Amount (DBT) |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |  | 9 | 10 |
| -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SN | Title | Male |  | Female | | Farmers Practice | Recommended Practice (RP) | Source of Technology (RP) |
| Others | SC/ST | Others | SC/ST |
| 1 | 2 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| -- | -- | -- | -- | -- | -- | -- | -- | -- |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SN | Title | Tech. Option1 | To1: Source of Technology | Tech. Option2 | To2: Source of Technology | Tech. Option3 | To3: Source of Technology | Tech. Option4 | To4: Source of Technology |
| 1 | 2 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| SN | Title | Primary Parameter(Yield) | Primary Parameter Unit (Q/ha) | Secondary Parameter1 | Secondary Parameter Unit1 | Secondary Parameter2 | Secondary Parameter Unit2 |
| 1 | 2 | 26 | 27 | 28 | 29 | 30 | 31 |
| -- | -- | -- | -- | -- | -- | -- | -- |

**B. Frontline Demonstrations related to organic farming**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SN | Title | Thematic Area | Crop Category | Crop Name | Variety / Hybrid Name | Farming Situation | No. of demos | Area (ha) | Season | Previous Crop |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SN | Title | Male |  | Female | | Farmers Practice | Recommended Practice | Source of Technology Recommended Practice |
| Others | SC/ST | Others | SC/ST |
| 1 | 2 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| -- | -- | -- | -- | -- | -- | -- | -- | -- |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SN | Title | Critical Inputs Provided & Total Amount (DBT) | Primary Parameter(Yield) | Primary Parameter Unit (Q/ha) | Secondary Parameter1 | Secondary Parameter Unit1 | Secondary Parameter2 | Secondary Parameter Unit2 |
| 1 | 2 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| -- | -- | -- | -- | -- | -- | -- | -- | -- |

**C. Trainings related to organic farming**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| SN | Training Category  (OFT/ FLD/Oth) | Training Type  (Regular/ Vocational/  Sponsored/ Rural Youth/ Extension ) | Training location (On/Off) | Training For (General Rural Youth/ Extension ) | Duration (Days) | Title | Thematic Area |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** |
| -- | -- | -- | -- | -- | -- | -- | -- |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SN | Sub Thematic Area | Skill is to impart? (Y/N) | Source of Fund(if sponsored) | Agency Name | Amount (Rs) | Others Male | Others Female | SC/ST Male | SC/ST Female |
| **1** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** |
| -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**D. Extension programme related to organic farming**

| **SN** | **Extension programme** | **No. of Programme** | **No. of Farmers/ participants** | **No. of Extension Officers** |
| --- | --- | --- | --- | --- |
|  | Advisory over Phone | -- | -- | -- |
|  | Bi-Monthly meeting | -- | -- | -- |
|  | Celebration of Day | -- | -- | -- |
|  | Diagnostic visit | -- | -- | -- |
|  | Exhibition | -- | -- | -- |
|  | Exposure Visit | -- | -- | -- |
|  | Ex-trainees Samelan | -- | -- | -- |
|  | Extension Literature | -- | -- | -- |
|  | Farmers Science conveners meeting | -- | -- | -- |
|  | Farmer /Extension personnel visit to KVK | -- | -- | -- |
|  | Farmers Seminar/ Workshop | -- | -- | -- |
|  | Field day | -- | -- | -- |
|  | Film Show | -- | -- | -- |
|  | Formation of SHGs | -- | -- | -- |
|  | Group Meeting | -- | -- | -- |
|  | Kisan Ghosti | -- | -- | -- |
|  | Kisan Mela | -- | -- | -- |
|  | Lecture delivered as resource person | -- | -- | -- |
|  | Method demonstration | -- | -- | -- |
|  | News paper coverage | -- | -- | -- |
|  | No. of animals treated | -- | -- | -- |
|  | Popular arterials | -- | -- | -- |
|  | Radio talk | -- | -- | -- |
|  | Scientist visit to Farmers Field | -- | -- | -- |
|  | SHC campaign | -- | -- | -- |
|  | SHG meeting | -- | -- | -- |
|  | Technical Reports | -- | -- | -- |
|  | TV Talk | -- | -- | -- |
|  | Other- Specify | -- | -- | -- |
| Total | |  | -- | -- |

**E. Organic Certification is planned? If Yes Details**

**F. Any other activity related to Organic farming. Pl specify.**

**11. Swachh Barat Abiyan**

|  |  |  |  |
| --- | --- | --- | --- |
| **Activity** | **Month** | **Details** | **No. of Participants/ Farmers** |
| Swacchata Programme | August to October – 2018 | -- | 200 |

**12.Budget**

1. **Revolving Fund (Rs in Lakh)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Opening balance as on 01.04.2017** | **Expenditure incurred during 2017-18** | **Receipts during**  **2017-18** | **Closing balance as on 31.01.2018** |
| 11.0464112 | 2.40607 | 0.7236193 | 9.7813905 |

**B. Details of budget utilization (2017-18) upto March 2018**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.**  **No.** | **Particulars** | **Sanctioned** | **Released** | **Expenditure** |
| **A. Recurring Contingencies** | | | | |
| 1 | **Pay & Allowances** | 9300000 | 9300000 | 8526729 |
| 2 | **Traveling allowances** | 130000 | 130000 | 13640 |
| 3 | **Contingencies** | | | |
| *A* | Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines) | 205000 | 205000 | 144378 |
| *B* | POL, repair of vehicles, tractor and equipments | 160000 | 160000 | 111377 |
| *C* | Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained) | 75000 | 75000 | 34420 |
| *D* | Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training) | 50000 | 50000 | 17700 |
| *E* | Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year) | 180000 | 180000 | 117309 |
| *F* | On farm testing (on need based, location specific and newly generated information in the major production systems of the area) | 26000 | 26000 | 19280 |
| *G* | Extension Activities including world soil health day | 85000 | 85000 | 6337 |
| *H* | Training of extension functionaries | 25000 | 25000 | -- |
| *I* | IFS | 20000 | 20000 | -- |
| *J* | FFS | 0 | 0 |  |
| *K* | EDP | 40000 | 40000 | -- |
| *L* | Maintenance of buildings | 50000 | 50000 | 33842 |
| *M* | Establishment of Soil, Plant & Water Testing Laboratory | 20000 | 20000 | 17712 |
| *N* | Library (Purchase of  Journal, Periodicals, News Paper & Magazines) | 5000 | 5000 | -- |
| *O* | Farmers conclave, KVK conference | 25000 | 25000 | -- |
| **TOTAL (A)** | | **10396000** | **10396000** | **9042724** |
| **B. Non-Recurring Contingencies** | | | | |
| 1 | **Works** | -- | -- | -- |
| 2 | **Equipment’s including SWTL & Furniture** | -- | -- | -- |
| 3 | **Vehicle** (Four wheeler/Two wheeler, please specify) | -- | -- | -- |
| 4 | **Library (**Purchase of assets like books & journals back volume) | -- | -- | -- |
| **TOTAL (B)** | | **--** | **--** | **--** |
| **C. REVOLVING FUND** | | -- | -- | -- |
| **GRAND TOTAL (A+B+C)** | | **966000** | **966000** | **9042724** |

**C. Details of Budget Estimate (2018-19) based on proposed action plan**

|  |  |  |
| --- | --- | --- |
| **S.**  **No.** | **Particulars** | **BE 2018-19 proposed** |
| **A. Recurring Contingencies** | |  |
| 1 | **Pay & Allowances** | 11947350 |
| 2 | **Traveling allowances** | 150000 |
| 3 | **Contingencies** |  |
| *A* | Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines) | 300000 |
| *B* | POL, repair of vehicles, tractor and equipments | 200000 |
| *C* | Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained) | 100000 |
| *D* | Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training) | 50000 |
| *E* | Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year) | 379150 |
| *F* | On farm testing (on need based, location specific and newly generated information in the major production systems of the area) | 25555 |
| *G* | Training of Extension Activities | 50000 |
| *H* | Training of extension functionaries | 25000 |
| *I* | IFS | 50000 |
| *J* | FFS | 0 |
| *K* | EDP | 40000 |
| *L* | Maintenance of buildings | 50000 |
| *M* | Soil & Water Testing & Issue of Soil Health Cards | 25000 |
| *N* | Library | 5000 |
| **TOTAL (A)** | | **13397055** |
| **B. Non-Recurring Contingencies** | |  |
| 1 | **Works** | -- |
| 2 | **Equipments including SWTL & Furniture** | 300000 |
| 3 | **Vehicle** (Four wheeler/Two wheeler, please specify) | -- |
| 4 | **Library** (Purchase of assets like books & journals) | 10000 |
| **TOTAL (B)** | | **310000** |
| **C. REVOLVING FUND** | | **--** |
| **GRAND TOTAL (A+B+C)** | | **13707055** |