**Introduction to Chitrdurga district and Agriculture**

Chitradurga district has a population of 1,312,717. The total number of villages in the district are 1369. Chitradurga district has six taluks *viz.*, Hiriyur, Molakalmur, Holalkere, Challakere , Hosadurga and Chitradurga. (Dist.Statistics,2012).

**Climate, Drainage and Soil Types**

Chitradurga forms part of the southernmost maidan region which has extensively undulating plateau with elevations ranging between 600 to 1000 m. The annual average rainfall of the district is 486.6 mm. Vedavathi and Hagari rivers drain Chitradurga district. The Vanivilas Sagara dam constructed across the Vedavathi river is situated in the south western portion of the Hiriyur taluk. Chitradurga district experiences temperature variation of 16.700 C to 36.300 C. The district is grouped under the Central Dry Zone IV of tenfold Agro-climatic Classification.

**Major Crops Grown in the District**

|  |  |  |
| --- | --- | --- |
| **SL.NO.** | **Season** | **Major Crops** |
| 1 | Kharif | Ragi, Groundnut, Maize, Red gram, Onion , Cotton and Jowar |
| 2 | Rabi | Sunflower, Safflower and Chick pea |
| 3 | Perennial Crops | Coconut, Arecanut, Pomegranate, Banana, Mango, Sopata and Papaya |

**Major Thrust Areas of the District**

* Introduction of Improved Varieties and Hybrids
* Nutrient Management
* Integrated Pest and Disease Management
* Drudgery in Farm activities
* Post Harvest and Value Addition
* Water Management
* Weed Management.
* Farm Mechanization Techniques
* Market Intelligence
* Promotion of Dry land Horticultural crops.
* Soil and water conservation

**Villages to be covered by KVK ,Chitradurga**

****

**Significant Achievements of KVK, Chitradurga**

* Introduction of BRG 2 pigeon pea
* Banana special as a source of micronutrient
* Citrus special
* Seed production of Arka Kalyana, onion variety
* Introduction of Chick pea seed: JG 11
* Bt Cotton
* Vermi compost production

###### PROFORMA FOR ACTION PLAN OF KVKs IN ZONE VIII FOR 2014-15

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

|  |  |  |  |
| --- | --- | --- | --- |
| 1.1 | Name and address of KVK with Phone, Fax and e-mail | : | Krishi Vigyan Kendra, Babbur Farm  Hiriyur-577 598, Chitradurga district, Karnataka.  Phone : 08193-289160  Fax : 08193-289160  e-mail : kvkchitradurga@gmail.com |
| 1.2 | Name and address of host organization | : | University of Agricultural Sciences, GKVK Campus, Bangalore-560 065  Karnataka |
| 1.3 | Year of sanction | : | 2000 |
| 1.4 | Website address of KVK and date of last update |  | [www.kvkchitradurga.in](http://www.kvkchitradurga.in) 7-02-2014 |

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

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl.**  **No.** | **Sanctioned post** | **Name of the incumbent** | **Discipline** | **If Permanent, Please indicate** | | **Date of joining** | **If Temporary, pl. indicate the consolidated amount paid (Rs./month)** |
| **Current**  **Pay Band** | **Current Grade Pay** |
| 2.1 | Programme Coordinator | Dr. D. Chandrappa | Sericulture | 37400- 67000 | 10000 | 20-01-06 | Permanent |
| 2.2 | Subject Matter Specialist | Dr. Sarvajna B. Salimath | Soil Science & Agril. Chemistry | 15600-39100 | 6000 | 01-09-08 | Permanent |
| 2.3 | Subject Matter Specialist | Dr.S. Onkarappa | Crop Protection | 15600-39100 | 6000 | 17-07-09 | Permanent |
| 2.4 | Subject Matter Specialist | Mr. Prakash Kerure | Horticulture | 15600-39100 | 6000 | 10-11-11 | Permanent |
| 2.5 | Subject Matter Specialist | Miss.N. Sudharani | Home Science | 15600-39100 | 6000 | 19-10-12 | Permanent |
| 2.6 | Subject Matter Specialist | Mr.Gajendra T.H | Agri. Extension | 15600-39100 | 6000 | 6-12-13 | Permanent |
| 2.7 | Subject Matter Specialist | Dr. Rudragouda F.Channagounda | Agronomy | 15600-39100 | 6000 | 17-10-13 | Permanent |
| 2.8 | Programme Assistant(Lab) | Ms. B.N. Geetha Kumari | Agriculture | 9300-34800 | 4200 | 08-11-10 | Permanent |
| 2.9 | Programme Assistant (Computer) | Miss. Kavitha P.Naik | Computer Science | 9300-34800 | 4200 | 31-11-13 | Permanent |
| 2.10 | Farm Manager | - | - | 9300-34800 | 4200 | - | Vacant |
| 2.11 | Accountant/Superintendent | Mr.D. Gurumurthy | Superintendent (A/c) | 9300-34800 | 4200 | 01-01-13 | Permanent |
| 2.12 | Stenographer | Mrs.A. Rekha | Steno (Typing cum computer asst.) | 5200-20200 | 2400 | 19-12-12 | Temporary |
| 2.13 | Driver 1 | Mr. Mehaboob patel | Tractor Driver | 5200-20200 | 2000 | 23-10-08 | Permanent |
| 2.14 | Driver 2 | Mr. Bhadraiah S. | Jeep Driver | 5200-20200 | 2400 | 01-03-13 | Temporary |
| 2.15 | Supporting staff 1 | Mr. Basavaraju | Cook | 5200-20200 | 1800 | 22-12-08 | Permanent |
| 2.16 | Supporting staff 2 | G.Nagaraj | Messenger | 4440-7440 | 1300 | 1-06-13 | Temporary |

**3. Details of SAC meeting conducted during 2013-14**

| **Sl.**  **No** | **Date** | **Major recommendations** | **Status of action taken in brief** | **Tentative date of SAC meeting proposed during 2014-15** |
| --- | --- | --- | --- | --- |
| 3.1 | 16-2-2013 | Communicate the proven technologies to development departments for up scaling | Recommendations have been initialized | Third week of march 2014 |
| Conduct residue analysis in Pomegranate Fruits |
| Conduct OFTs of new groundnut varieties TMV-13, TMV-14 to replace TMV-2 |
| Organize training programmes on use of weedicides in Onion & Groundnut |
| Initiate action on management of Coconut mite through cluster village method in collaboration with Coconut Development Board |
| Conduct programmes for post harvest technology and value addition in fruits and vegetables |
| Conduct demonstrations on maize varieties which are resistant to various diseases |
| Conduct demonstration of improved varieties of minor millets |
| Technology Education on cultivation of Hebbevu and sandal wood |
| Organize training programmes on coconut climbing, value addition and introducing coco and lime as intercrops |
| Technology Education & educational activities on rejuvenation of mango Orchards |
| Introduce plastic mulch in vegetables through trainings and demonstrations |
| Organize trainings/ workshops on management of bacterial blight in Pomegranate |
| Include animal component in IFSD |
| Popularize improved varieties of green gram resistant to yellow vine mosaic |
| Conduct demonstrations on raised bed cultivation of Onion and improved method storage of Onion |
| Supply Azolla to farmers from KVK and organize different varieties of fodders on the farm. |
| Introduction of mulberry as intercrop in coconut gardens |
| Send SMS messages on important agricultural practices |
| Conduct demonstrations on bore well recharge techniques |

**4. Capacity Building of KVK Staff**

**4.1. Plan of Human Resource Development of KVK personnel during 2014-15**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No** | **New Areas of Training** | **Institution proposed to attend** | **Justification** |
| 4.1.1 | Soil, Plant and Environment interaction | MASHAV University, Israel | Management of soil and water quality in relation to environmental changes |
| 4.1.2 | Post harvest management | IICPT, Thanjavur | Food processing technology & quality analysis. |
| 4.1.3 | Recent trend in Agronomy | UAS, Dharwad | Management of crops through modern technology |
| 4.1.4 | Mass production of Trichoderma and Pseudomonas | NBAII, Bangalore | Management of wilt and bacterial diseases in agricultural and horticultural crops |
| 4.1.5 | Web designing, photo shop, DTP, Data base management | Bangalore | Updating KVK database |
| 4.1.6 | Technology Documentation and Presentation for Effective Extension | MANAGE, Hyderabad | To develop skill in effective documentation and presentation |
| 4.1.7 | Professional skills for Trainers of  Extension Institutes of Agriculture  and allied departments | MANAGE, Hyderabad | Improved skill development |
| 4.1.8 | New multi media management | NAARM, Hyderabad | To manage digital resource and publications |

**4.2. Cross-learning across KVKs during 2014-15**

|  |  |  |
| --- | --- | --- |
| **S. No** | **Name of the KVK proposed** | **Specific learning areas** |
| **4.2.1** | **Within ring -**    **a)** KVK,Shimoga, Tumkur and Davanagere | Quality Seeds and Planting Materials.  Nutrient Mixture, Exposure Visits, Farmers’ Interaction  Management of Black Headed Caterpillar and Wilt in Coconut  Management of Stem Borer and Blight in Maize |
| **4.2.2** | **Within the zone –**  **a)**KVK, Thrissur, Kerala | Resource Conservation Technologies  Vegetable seed production in collaboration with SHG |
|  | b) KVK, Kozhikode, Kerala. | Krishi Vigyan Kendra has won the award for the best KVK in the South Zone for the year 2011. Training programmes emphasised on unemployed women and youth such as mechanized coconut climbing and fresh water fish culture. |
| **4.2.3** | **Outside zone –**    a) KVK, Babaleshwara, Maharashtra | winner of the best kvk national award 2011 in the norther zone. extension method followed for dissemination of agricultural crops, modern farm technologies and method demonstrations, rain harvesting technology. |
|  | b) KVK, Baramati, Maharashtra | Modern Farm Technologies and Method Demonstrations, micro irrigationTechnology, |

**5. Proposed cluster of KVKs (3 to 5 neighboring KVKs) to be formed for sharing knowledge/expertise, resources and activities during 2014-15**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl.No.** | **Name of the KVKs included in the cluster** | **What do you intend to share with Cluster KVKs** | **What do you expect from Cluster KVKs** |
| 5.1 | **Davanagere, Tumkur,,Shimoga** | * INM in Banana and cotton * PHT of millets * INM in cotton * IPM in Coconut | * Fish cultivation and Dairy management * CBA formation and strengthening for effective management * Micronutrients ,Horticulture seeds/planting materials * Value addition in coconut |

**6. Operational areas details proposed during 2014-15**

| **Sl.No.** | **Major crops & enterprises being practiced in cluster villages** | **Prioritized problems in these crops/ enterprise** | **Extent of area**  **(Ha/ No.) affected by the problem in the district** | **Names of Cluster Villages identified for intervention** | **Proposed Intervention (OFT, FLD, Training, extension activity etc.)\*** |
| --- | --- | --- | --- | --- | --- |
| 6.1 | Onion | Nutrient Management  Leaf twisting  Low bulb weight | 15,000 | Basappana Malige | FLD |
| 6.2 | Groundnut | Drudgery in shelling  Lower Plant population  Seed Treatment  Pest and disease  Nutrient Management | 1,00,000 | Balenahally | FLD |
| 6.3 | Banana | Low bunch yields  Nutrient management through Nutrient | 12,000 | AV Kottige /Uppergenahally | FLD |
| 6.4 | Watermelon | Low yield | 500 | B.G.Kere | FLD |
| 6.5 |  | Nutrient management |  |  |  |
| 6.6 |  | Pest and disease management |  |  |  |
| 6.7 | Field bean | Low yield due to local varieties | 500 | Hampanoor | FLD |
| 6.8 |  | Nutrient management |  |  |  |
| 6.9 | Chrysanthemum | Low flower yield, Leaf blight disease | 300 | Doddsiddavanahalli, Nalagethanahatti | OFT, FLD |
| 6.10 |  | Nutrient management |  |  |  |
| 6.11 | Finger millet | Low income lack of knowledge on Value addition, labeling , packaging and branding . | 1 SHG(20member) | Ballalasamudra | FLD |
| 6.12 | Maize | Low income lack of knowledge on Value addition, labeling , packaging and branding . | 1 SHG(20member) | Choulur | FLD |
| 6.13 | Foxtail millet | Low income lack of knowledge on Value addition, labeling , packaging and branding . | 1SHG(20member) | Hosadurga | FLD |
| 6.14 | Groundnut | Low yielding local variety | 106403 | Hariyebbe | OFT |
| 6.15 | Fingermillet | Lack of awareness on use of suitable ragi variety and susceptible to blast and drought | 9980 | Mayasandra | FLD |
| 6.16 | Sorghum Multi cut fodder | Non availability of multicut fodder with short intervals | - | Kanchipura, Hosadurga | FLD |
| 6.17 | Maize | Non application of biofertilizers and bio-agents turcicum leaf blight, rust , stem borer, sucking pest and cob borer | 33900 | Baramasagar | FLD |
| 6.18 | Green gram | Yellow mosaic virus | 1200 | Kanchipura, Hosadurga | FLD |
| 6.19 | Red gram | Pod borer, Pigeon pea sterility mosaic | 3500 | Thimmanahalli, Challakere | FLD |
| 6.20 | Bengal gram | Pod borer, wilt | 7300 | Balenahalli, Challakere | FLD |
| 6.21 | Pomegranate | Bacterial blight | 3200 | Nagenahalli, Hosadurga | FLD |

\* Support with problem-cause and interventions diagram

**7.Technology Assessment during 2014-15**

| **S. No.** | **Crop/ enterprise** | **Prioritized problem** | **Title of intervention** | **Technology options** | **Source of Technology** | **Name of critical input** | **Qty per trial** | **Cost per trial(Rs.)** | **No. of trials** | **Total cost for**  **intervention (Rs.)** | **Parameters to be studied** | **Team members** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7.1 | Onion | * Low yield due to local varieties * poor keeping qualities like sprouts & rotting in storage * Incidence of purple blotch disease | Varietal assessment in onion for higher yield | 1.Bima Super | DOGR, Pune | seeds | 500 g | Rs 3000 | 2 | 6,000 | Days to 50% neck fall, Bulb diameter, Bulb colour, Bulb weight, % sprout in storage, Bulb Yild/plot/ha, Incidence of pest & disease | Mr. Prakash Kerure. Dr. S.B Salimath Dr. S. Onkarappa, Dr.D. Chandrappa |
| 2. Arka Kalyan | IIHR, Bangalore | seeds |
| 3.Satara Garva | Farmers practice | seeds |
| 4. Bellary Red | Farmers practice | seeds |
|  |  |  |
| 7.2 | Groundnut | Low yielding local variety | Assessment of groundnut varieties for higher yield | T1. KCG-2  T2. KCG-6  T3.ICGV-91114  T4.TMV-2 | UASB,  ICRISAT | Seeds-  120 kg |  |  | 01 | 7200 |  | Dr. Rudra gouda F.C  Dr. S.B Salimath Dr. S. Onkarappa,  Dr. Chandrappa D. Mr. Prakash |
| 7.3 | Onion and Redgram | Monocropping  Unsecured income  Soil nutritional depletion | Assessment of Redgram as Relay Crop Yield in Onion | -Onion as Monocrop  -Dibling of red gram in onion (45-60 Days After Onion Sowing | -UAS,B  -Farmers practice | Seeds: Red Gram BRG-2 | 10 Kg | 900 | 05 | 13900 | -Nutrient status of soil before and after crop  -Yield and income in onion and redgram  -B:C Ratio | Dr. Rudra gouda F.C  Dr. S.B Salimath Dr. S. Onkarappa,  Dr. Chandrappa D. Mr.Prakash,  Gajendra,T.H |
| Pheromone Traps | 20 Nos. | 460 |
| Lures | 60Nos | 840 |
| HaNPV | 1 litres | 2000 |
| Indoxacarb | 2litres | 6500 |
| Dicofol | 3.75 litres | 1300 |
| Chloropyriphos | 3.75 litres | 1500 |
| 7.4 | Chrysanthemum | Yield loss due to incidence of leaf blight disease | Management of leaf blight in Chrysanthemum | 1.Famers practice | ---- | -- | --- | -- | 1 | 3500 | Percent disease incidence,  Yield | Dr.S. Onkarappa  Dr.Prakash kerure  Dr.Sarvajna B Salimath |
| 2.Mancozeb 75WP @ 2gm/lt. | UAS(B) | Mancozeb | 2.5Kg | 875 |
| 3.Chlorothalonil 75WP @ 2gm/lt. | AICRP on Floriculture | Chlorothalonil | 2.5Kg | 2625 |
| 7.5 | Finger Millet | Prevalence of Iron deficiency- anemia among adolescents | Finger millet based Iron rich products for Anaemia | **TO 2 :** Composite Finger millet flour  (Ragi, Soya, Green gram & fenugreek seeds ) | UAS (B) | Ragi  Soya  Green gram  Fenugreek seeds  **Nutrient composition analysis** (β- Carotene,Fe, Ca & protein) | 10kg  6kg  6kg  2.5kg  1 sample each | 1630  5000 | 1 | 12250 | Organo leptic evaluation of developed products (Masala roti, laddoo & Nutri-mix),  Nutrient nalysis | Sudharani,N,Chandrappa,D.,Dr.Salimath.S.B. |
| **TO 3 :** T2 + Finger millet based composite flour enriched with locally available green leafy vegetable and drumstick leaves | ITK | Green leafy vegetable(palak, shepu & methi)  Drumstick leaves  **Nutrient composition analysis** (β- Carotene,Fe, Ca & protein) | -  -  1 sample each | 600  5000 |

**8. Frontline Demonstrations during 2014-15**

| **S. No.** | **Category** | **Crop/ enterprise** | **Prioritized problem** | **Technology to be demonstrated** | **Specify Hybrid or Variety** | **Name of the Hybrid or Variety** | **Source of Technology** | **Name of critical input** | **Qty per Demo** | **Cost per Demo** | **No. of Demo** | **Total cost for the**  **Demo (Rs.)** | **Parameters to be studied** | **Team members** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8.1 | Cereals | Maize | Non application of biofertilizers and bio-agents  turcicum leaf blight, rust , stem borer and cob borer | Integrated crop management in maize |  | Hema (NAH-1137)  BRG-2 intercrop (4:1) | UASB | Maize Seeds -30 kg  Redgrm seeds -15kg  ZnSo4-20 kg  Azospirillum – 2 kg  PSB -2 kg | Seeds 6 kg  ZnSo4-4 kg  Azospirillum – 400 g  PSB -400 kg  Trichoderma -100 g | 1114 | 5 | 5570 | Plant height (cm), cob length, Test wt., Yield Kg/ha and economics | Dr. Rudragouda F.C Dr. S.B Salimath Dr. S. Onkarappa,  Ms. Sudharani .N |
| 8.2 | Millets | Finger millet | Low income  lack of knowledge on Value addition, labeling , packaging and branding . | Preparation of value added ragi products ( Ragi mixture & Ragi malt), Nutritional labelling, Licensing & Branding . | - | - | UAS(B),  FSSAI-2006 | Packaging materials  Labels  Hand sealing machine  Electric Food weighing scale | 2 Products X 1000  2 Products X 1000  1 unit  1unit | Rs.2000/-  Rs.2000/-  Rs.2,500/-  Rs.5,000/- | 1  (1SHG) | 11500/- | Net profit  BC ratio  Consumer preference | Ms.Sudharani.N  Dr. Salimat  Dr.D.Chadrappa  Mr.Gajendra .T.H |
|  |  | Finger millet | Lack of awareness on use of suitable ragi variety and susceptible to blast and drought | Introduction of ML-365 finger millet variety for higher yield |  | Variety - ML-365 | UASB | Seeds -24 kg | Seed-4.8 kg | 240 | 5 | 1200 | Plant height (cm), No. of effective tillers/ plant,  No. of finger/ear head, Yield Kg/ha and  economics | Dr. Rudragouda F.C, Dr. S.B Salimath Dr. S. Onkarappa,  Mr. prakash Kerur |
| 8.3 | Oil  seeds |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Ground  nut | Low plant population  Drudgery in shelling  Poor seed filling and lower yields | Use of Decorticator  , Seed cum fertiliser drill  Seed Treatment drum, Applicatioon of Gypsum and RDF |  |  | UASB | Cpaptan 1.5 kg  Chloropyrifos 5 litre  **Nutrients**  Micronutrients:ZnSO4 (50 kg)  Boron (Borax):12.5 kg  **Bio inputs:** Trichoderma(2kg)  PSB(50kg)  *Rhizobium(2kg)*  **Mechanisation:**  Groundnut decorticator  Seed cum fertilizer drill | Captan0.3 kg  Chloropyrifos1litre  4 kg ZnSO4  1 kg Borax  Bio inputs:  Rhizobium 120 g  and PSB 4 kg | 834 | 5 | 4170 | Plant pop.  No of branches  Pods per plant  Disease incidence  Yield per ha | Sarvajna Salimath  Rudragouda  Onkarappa  Sudharani |
| 8.4 | Pulses |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Green gram | Yellow Mosaic Disease | Management of Yellow Mosaic Disease in Green gram | Local variety | Local variety | UAS(B) | Dimethoate  Monocrotophos | 500 ml  500 ml | 150  225 | 15 | 5625 | No. of plants infested , Yield | Dr. S. Onkarappa, Dr. Sarvajna B. Salimath and Dr. Gajendra |
|  |  | Red gram | Pod borer, Sterility Mosaic, wilt | Integrated crop management in Red gram | BRG-2 | BRG-2 | UAS(B) | Seeds  ZnSo4  Trichoderma  Rhizobium  PSB  Pheromone traps  Lures  NPV  Indoxacarb  Chloropyriphos  Dicofol | 6Kg  6Kg  40gm  200gm  200gm  4 Nos.  12 Nos.  200ml  375ml  750 ml  750 ml | 510  300  5  30  30  92  168  400  1245  240  260 | 15 | 49200 | No. of larva per plant,  No. of pods per plant, Yield | Dr. S. Onkarappa, Dr. Sarvajna B. Salimath and Dr. Rudragouda |
|  |  | Bengal gram | Pod borer, wilt | Integrated crop management in Bengal gram | JG.-11 | J.G.-11 | UAS(B) | Seeds  Trichoderma  Rhizobium  PSB  Pheromone traps  Lures  NPV  Quinalphos  Malathios Dust | 25Kg  125gm  200gm  200gm  4  12  200ml  500 ml  8Kg | 2375  12  30  30  92  168  400  250  400 | 15 | 56355 | No. of pods per plant, No. of larva per plant,  Yield | Dr. S. Onkarappa, Dr. Sarvajna B. Salimath and Dr. Sudharani |
| 8.5 | Fodder | Sorghum multicut fodder | Non availability of multicut fodder with short intervals | Introduction of COFS-29 sorghum multicut variety | COFS-29 |  |  | Seeds | Seeds – 5 kg | 800 | 10 | 5000 | Cuttings (t/ha)  Cumulative yield (t/ha)  Palatability | Dr. Rudragouda F.C  Dr. S.B Salimath Dr. S. Onkarappa, Mr. Prakash Mr. Gajendra |
| 8.6 | Horticultural crops | Banana | Imbalanced nutrient application  Lack of awareness on Method of application | Balanced nutrition through RDF in split doses and  Foliar application of micronutrients |  |  | UASB and IIHR | Banana Special @ 20 kg/ha  Split application of nutrients  Based on Soil Test values  Bio inputs 10 kg /ha (100 kg) | 8 kg Banana special  4 kg/acre bio inputs | 2500 | 5 | 12500 | Bunch weight  No of fingers/bunch  Yield per ha | Sarvajna  Kerure  Onkarappa  Gajendra |
|  |  | Watermelon | * Fruit cracking, * Imbalanced nutrient application * Wilt disease | Balanced application of nutrients (RDF)  FYM: 25 t/ha  Micronutrients: Foliar spray of ArkaVegetable Special application  Bio-inputs: Soil application of Trichoderma, PSB, Pseudomonas |  |  | IIHR Bangalore | Micronutrient Arka Vegetable Special, PSB,  Pseudomonas,  Trichoderma | 6 kg Vegetable special,  4kg PSB,  4 Kg Pseudomonas, 4 Kg Trichoderma | 3,6000.00 | 12 | 43,200.00 | Days to 50% flowering, fruit length, fruit weight,% fruit cracking, Yield/ha, incidence of pesr & dieaseas, B:C ratio | Mr. Prakash Kerure. Dr. S.B Salimath Dr. S. Onkarappa, Dr.Rudragouda |
|  |  | Pomegranate | Bacterial blight | Integrated management of Bacterial blight in Pomegranate | Bhagava | Bhagava | UASB and NRC on Pomegranate, Solapur | Ethrel  Copper sulphate  Lime  Copper oxy chloride  Carbendazim  Captan  Thiophenate methyl  Copper hydroxide  Bronopol  Streptocycline  Micronutrients  Pseudomonas | 500ml  6kg  6Kg  500 gm  500 gm  1 Kg  500 gm  500 gm  300 gm  500 gm  1 Kg  2 Kg | 520  1200  150  300  400  520  570  560  800  4200  800  200 | 5 | 51100 | No. of plants infested, Yield | Dr. S. Onkarappa, Dr. Prakash Kerure and Dr. Sarvajna B. Salimath |
|  |  | Onion | Imbalanced nutrient management and  Leaf twisting  Lower bulb weight | Balanced application of nutrients; RDF  Zn, B, S application |  |  | NRC O & G Nasik | Micronutrient ZnSO4:10 kg/ha (60 kg), Borax:2.5 kg/ha (12.5 kg)  Bio inputs 10 kg/ha | 4 kg ZnSO4  1 kg Borax  PSB and Azospirillum 10 kg/ha | 1094 | 5 | 5470 | Bulb weight  Yield per ha  Plant stand at harvest | Sarvajna  Kerure  Onkarappa  Sudharani  Gajendra |
|  |  | Field bean | No variety suitable for all season  Low yield due to local variety | Soil test based RDF  FYM 20 t/ha  Soil health analysis before and after the crop  Introduction of photo insensitive Hebbal Avare-3 variety suitable for all season | Hebbal Avare-4 |  | UAS, B | Seeds @ 40 Kg /ha | 15 kg of Hebbal Avare-3 seed | 3,000.00 | 12 | 36,000.00 | Days to first picking, No of pickings, no of pods/plant, no of seeds/pod, pod yield/ha, seed yield/ha Incidence of pest & disease, B:C ratio | Mr. Prakash Kerure. Dr. S.B Salimath Dr. S. Onkarappa, Dr. Rudragouda |
|  |  | Chrysanthemum | Imbalanced nutrient management  Flower mall formation by sucking pest and bud borer | Soil test based RDF,  FYM-25 t/ha  Micronutrients: Soil application of ZnSO4and Borax  Use of Bio-inputs: Soil application of Trichoderma, PSB, Pseudomonas  Chemical spray of Methyl parathion 1ml/L |  |  | UAS,B and IIHR, Bangalore | Micronutrients:  ZnSO4:10 kg/ha, Borax:2.5 kg/ha  Bio-inputs:  Trichoderma, PSB and Pseudomonas @ 10 Kg/ha | 4 kg ZnSO4  1 kg Borax  4 K g PSB,  4 Kg Pseudomonas, 4 Kg Trichoderma, | 1,600.00 | 5 | 8,000.00 | No branches/plant, no. of flower picking, flower diameter, flower yield/plant/ha, incidence of pest & diseases, B:C ratio, no mall formed flower | Mr. Prakash Kerure. Dr. S.B Salimath Dr. S. Onkarappa, Dr. Rudragouda |
|  |  | Tamarind | Lack of awareness on processing, Branding and labeling of tamarind products | Processing and Branding of Tamarind Value added products  Demonstration on preparation of tamarind slabs, tamarind powder & tamarind toffees  Branding, packaging and labeling of tamarind slabs & toffee | - | - | MGIRI Wardha, Maharashtra | Drier  Strainar  Ingredients for preparation of toffees  Packaging materials  Labels  Weighing balance  Sealing machine | 1  1  --  300  300  1  1 | 8000  200  500  2000  2000  4000  3000 | 1 | 19,700 | Cost of production, consumer preference | Sudharani,N,Chandrappa,D.,Dr.Salimath.S.B. |
| 8.7 | Sericulture | Sericulture | Low Yield | Introduction of Double Cross Hybrid Silkworm | Hybrid | Double Cross Hybrid | UAS, Bangalore | DFLs | 200 eggs | 2000 | 10 | 40,000 | Yield level  B:C Ratio | Dr.D Chandrappa,S.B., Salimath,Onkarappa,S.,  Prakash Kerure, Sudharani,S Rudragouda, CF. Gajendra,T.H., |
| 8.8 | Apiculture | Honey | Low income realization due to lack of knowledge on importance of labeling , packaging and branding . | Processing and Branding of Tamarind Value added products  Demonstration on Hyginic honey extraction, labeling, packing & branding for better marketing oppurtunities. | - | - | UAS(B) | Honey  hive  Labels  Bottles  Honey extractor | 2 No.s  1000 No.s  200 No.  1Nos | 3000  3000  2000  5000 | 1 | 16,000 | Cost of production, consumer preference | Sudharani,N,Chandrappa,D.,Dr.Salimath.S.B. |
| 8.9 | Agricultural Extension | Agriculture, Horticulture,Animal Husbendry and apiculture | Low income realization due to lack of knowledge on Integrated Farming System | IFSD | Varieties | Varieties | UAS, Bangalore | Food crops. Vegetable seed kit .Fodder crop. Dry land Horticulture Small Ruminants, Apiary, Azolla Unit, Vermicomposting Unit, Bio Input | 1 | 20000 | 5 | 60000 | Efficient Utilization of limited Resources | Gajendra,T.H.,Chandrappa,S.B., Salimath,Onkarappa,S.,  Prakash Kerure, Sudharani,S Rudragouda, CF. |

**9.Training for Farmers/ Farm Women during 2014-15**

| **Sl.No.** | **Thematic area** | **Crop / Enterprise** | **Major problem** | **Related field intervention (OFT/FLD)\*** | **Training Course Title\*\*** | **No. of Courses** | **Expected No. of participants** | **Names of the team members involved** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9.1** | Crop Production | Onion | Imbalanced nutrient management  Lower bulb weigh, Leaf twisting | FLD | Nutrient Management in onion | 1 | 30 | Sarvajna  Kerure  Onkarappa  Sudharani  Gajendra |
|  |  | Groundnut | Low plant population  Drudgery in shelling  Poor seed filling and less no of pods per plant | FLD | Integrated Nutrient Management in groundnut | 1 | 30 | Sarvajna Salimath  Rudragouda  Onkarappa  Sudharani  Gajendra |
|  |  | Finger millet | Lack of awareness on use suitable ragi variety and susceptible blast and drought | FLD | Improved varieties in finger millet | 1 | 30 | Dr. Rudragouda Dr. S.B Salimath Dr. S. Onkarappa,  Mr Prakash Kerur  Mr. Gajendra  Ms. Sudharani N |
|  |  | Sorghum multicut fodder | Non availability of multicut fodder with short intervals | FLD | Improved agronomic practices for fodder production practices | 1 | 30 | Dr. Rudragouda Dr. S.B Salimath Dr. S. Onkarappa,  Mr Prakash Kerur  Mr. Gajendra  Ms. Sudharani N |
| **9.2** | Horticulture Production | Banana | Imbalanced nutrient application.  Method and Time of application.  Non application of micronutrients | FLD | Nutrient Management for higher bunch yields in banana | 1 | 30 | Sarvajna  Kerure  Onkarappa  Gajendra |
|  |  | Onion | Imbalanced nutrient management  Lower yield | OFT | Integrated crop managements in Onion | 1 | 30 | Prakash, SB Salimath, S onkarappa, Gajendra Prasad |
|  |  | Vegetable Crops | Micronutrient deficiencies, imbalanced application of fertilizers | FLD | Integrated crop managements in Vegetable crops | 1 | 30 | Prakash, SB Salimath, S onkarappa, Gajendra Prasad |
|  |  | Flower crops | Micronutrient deficiencies, imbalanced application of fertilizers | FLD | Integrated crop managements in Flower crops | 1 | 30 | Prakash, SB Salimath, S onkarappa, Gajendra Prasad |
| **9.3** | Plant Protection | Green gram | Yellow mosaic virus, Aphids, Pod borer | Management of Yellow Mosaic Disease in Green gram | Management of pests and diseases in Green gram | 1 | 30 | Dr. Onkarappa  Dr. Sarvajna Salimath Dr. Gajendra Dr. Sudharani |
|  |  | Red gram | Pod borer, pod fly, Sterility mosaic, wilt | Integrated crop management in Red gram | Integrated pest and disease management in Red gram | 1 | 30 | Dr. Onkarappa  Dr. Sarvajna Salimath  Dr. Rudragoud Dr. Sudharani |
|  |  | Bengal gram | Pod borer, wilt | Integrated crop management in Red gram | Integrated pest and disease management in Bengal gram | 1 | 30 | Dr. Onkarappa  Dr. Sarvajna Salimath Dr. Gajendra Dr. Sudharani |
|  |  | Chrysanthemum | Leaf blight disease | Management of leaf blight disease in chrysanthemum | Management of pest and diseases in chrysanthemum | 1 | 30 | Dr. Onkarappa  Dr. Sarvajna Salimath  Dr. Prakash Kerure Dr. Gajendra |
|  |  | Pomegranate | Bacterial blight, wilt, thrips, fruit borer | Integrated management of Bacterial blight in Pomegranate | Integrated pest and disease management in pomegranate | 1 | 30 | Dr. Onkarappa  Dr. Sarvajna Salimath  Dr. Prakash Kerure Dr. Gajendra |
| **9.4** | Soil Health and Fertility | Low yields due to poor crop stand | Sodic soils  Poor drainage,  Crusting and low organic matter | **-** | Management of salt affected soils | 1 | 30 | Sarvajna Salimath  Rudragouda  Onkarappa  Sudharani  Gajendra |
| **9.5** | PHT and value addition | Maize | Lack on awareness on processing & value addition | FLD | Processing, value addition & branding of Agiculture crops | 5 | 30 | Ms.Sudharani.N  Dr. Salimath  Dr.S.Onkarappa  Dr.Rudragouda  Mr.Gajendra .T.H |
| **9.6** | Agricultural Extension | Major agricultural crops | low demand on traditional crops | - | Market led Production System | 1 | 30 | Gajendra,T.H.,S.B., Salimath, Onkarappa,S,Prakash Kerure, Sudharani,S Rudragouda, CF. |
|  |  | Dairy | Dairying is treated as subsidiary occupation | - | Commercial dairy farming | 1 | 30 | Gajendra,T.H.,S.B., Salimath, Onkarappa,S,Prakash Kerure, Sudharani,S Rudragouda, CF. |
|  |  | IFSD | Small and Marginal land holdings | - | Integrated Farming System Development | 1 | 30 | Gajendra,T.H.,S.B., Salimath, Onkarappa,S,Prakash Kerure, Sudharani,S Rudragouda, CF. |
|  |  | Pomegranate and Onion | lack of exposure on market trends | - | Forward and backward Chain Management in Agriculture | 1 | 30 | Gajendra,T.H.,S.B., Salimath, Onkarappa,S,Prakash Kerure, Sudharani,S Rudragouda, CF. |
|  |  | Redgram, Pomogranate, Chilli, Paddy and Cotton | lack of awareness on ICT tools |  | Access To Advanced Market information through Web Based Extension Channels | 1 | 30 | Gajendra,T.H.,S.B., Salimath, Onkarappa,S,Prakash Kerure, Sudharani,S Rudragouda, CF. |

**10. Training for Rural Youth during 2014-15**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl.No.** | **Thematic area** | **Crop / Enterprise** | **Major problem** | **Related field intervention (OFT/FLD)\*** | **Training Course Title\*\*** | **No. of Courses** | **Expected No. of participants** | **Names of the team members involved** |
| **10.1** | Horticulture Production | Seed production | lack of knowledge on seed production |  | Vegetable seed production technologies | 1 | 30 | Prakash, SB Salimath, S onkarappa, Gajendra Prasad |
| **10.2** | Plant Protection | Pomegranate | Bacterial blight, wilt, fruit borer | Integrated management of Bacterial blight in Pomegranate | Use of biopesticides and biocontrol agents in pest management | 5 | 20 | Dr. Onkarappa  Dr. Sarvajna Salimath  Dr. Prakash Kerure Dr. Gajendra |
| **10.3** | Soil Health and Fertility | Coconut | Low nut yields, Lack of moisture holding capacity and low Organic matter | - | Nutrient Management in coconut | 5 | 20 | Sarvajna  Kerure  Rudregouda  Onkarappa  Gajendra |
| **10.4** | Agricultural Extension | Bee Keeping | Low awareness |  | Prospects and Restrospects of Apiculture | **1** | **30** | Gajendra,T.H.,S.B., Salimath, Onkarappa,S,Prakash Kerure, Sudharani,S Rudregouda, CF. |
|  |  | Field Crops | Migration of youth to towns |  | Imparting knowledge on location specific drudgery reduction | **1** | **30** | Gajendra,T.H.,S.B., Salimath, Onkarappa,S,Prakash Kerure, Sudharani,S Rudregouda, CF. |
| **10.5** | Bee Keeping | Apiculture | Lack of awareness on management of bees | Management of bees | Self employment generation through Apiculture | 3 | 20 | Ms. Sudharani.N  Dr. S.Onkarappa  Dr.Salimath  Mr.Gajendra.T.H |

\* Title of intervention/title of technology, \*\* Training title should specify the major technology/skill to be transferred.

**11. Training for Extension Personnel during 2014-15**

| **Sl.No.** | **Thematic area** | **Training Course Title\*\*** | **No. of Courses** | **Expected No. of participants** | **Names of the team members involved** |
| --- | --- | --- | --- | --- | --- |
| **11.1** | Crop Production | Integrated crop management in groundnut | 1 | 40 | Sarvajna, Rudragouda, Onkarappa, Gajendra |
|  |  | Recent Agronomic practices in maize production | 1 | 40 | Dr. Rudragouds Dr. S.B Salimath Dr. S. Onkarappa,Mr Prakash Kerur Mr. Gajendra  Ms. Sudharani N |
| **11.2** | Home Science | Health and nutrition education with special reference to women and children | 4 | 30 | Sudharani.n, Salimath, Onkarappa, Gajendra |
|  |  | Dietary management for Diabetes mellitus. | 5 | 30 | Sudharani, Salimath, Rudragoud, Prakash , Gajendra |
| **11.3** | Horticulture | Micronutrient management in fruit crops | 1 | 40 | Sarvajna, Kerure, Onkarappa, Gajendra Rudragouda |
|  |  | Advances in horticulture production technologies | 1 | 30 | Prakash, SB Salimath, Onkarappa, Gajendra |
| **11.4** | Plant Protection | Integrated pest and disease management in agricultural crops | 1 | 40 | Dr. Onkarappa, Dr. Sarvajna Salimath  Dr. Rudregoud, Dr. Gajendra |
|  |  | Integrated pest and disease management in horticultural crops | 1 | 40 | Dr. Onkarappa, Dr. Sarvajna Salimath  Dr. Prakash kerure, Dr. Gajendra |
| **11.5** | Agricultural Extension | Information Communication Technology and Programme Planning and Management | 1 | 25 | MrGajendra,T.H.,Dr.S.B., Salimath, Dr.Onkarappa,S,Prakash Kerure, Ms.Sudharani,S Dr.Rudregouda, CF. |

\* Title of intervention/title of technology, \*\* Training title should specify the major technology/skill to be transferred.

## 12. Vocational trainings during 2014-15

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl.No.** | **Thematic area and the Crop/Enterprise** | **Training title\*** | **No. of programmes and Duration (days)** | **Type of Clientele**  **(SHGs, NYKs, School students, Women, Youth etc.)** | **Expected No. of participants** | **Sponsoring agency if any** | **Names of the team members involved** |
| 12.1 | Horticulture | Imparting horticulture practices for self employments | 10 | Rural youths | 40 | Dept of Hort/NGOS | Prakash, SB, Salimat, S onkarappa, Rudregouda, sudharani, Gajendra |
| 12.2 | Horticulture | Friends of coconut | 6 | Rural youths | 80 | CDB | Gajendra Salimat, SB Prakash, , onkarappa sudharani,, Rudregouda, |

\* Training title should specify the major technology/skill to be transferred.

## 14. Extension programmes during 2014-15

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl.No.** | **Extension Programme/ Activity\*** | **No. of programmes or activities** | **Expected number of participants** | **Names of the team members involved** |
| 14.2 | Diagnostic Visits | 24 | 24 | All SMS |
| 14.3 | Field Day | 19 | 950 | All SMS |
| 14.4 | Group Discussions | 29 | 800 | All SMS |
| 14.6 | Film Show | 10 | 500 | All SMS |
| 14.7 | Self -Help Groups | 5 | 150 | All SMS |
| 14.8 | Kisan Mela | 3 | 15000 | All SMS |
| 14.9 | Exhibition | 3 | 15000 | All SMS |
| 14.10 | Scientists' Visit to Farmers Field | 50 | 150 | All SMS |
| 14.11 | Plant/Soil Health/Animal Health Camps | 1 | 60 | All SMS |
| 14.15 | Method Demonstrations | 28 | 900 | All SMS |
| 14.16 | Celebration of Important Days | 5 | 650 | All SMS |
| 14.17 | Special Day Celebration | 5 | 700 | All SMS |
| 14.18 | Exposure Visits | 12 | 400 | All SMS |
| 14.19 | Technology Week | 1 | 120 | All SMS |
| 14.20 | Farmers Field School (FFS) | 1 | 25 | All SMS |
| 14.21 | Farm Innovators Meet | 1 | 25 | All SMS |
| 14.22 | Awareness Programs | 2 | 500 | All SMS |

**14.1 Establishment of Commodity Based Organizations**

|  |  |  |
| --- | --- | --- |
| **Sl.No.** | **Name of the CBO** | **Place** |
| 1 | Pomegranate growers organization | Hosdurga |
| 2 | Onion growers organization | Chitradurga |
| 3 | Finger millet processors association | Holalkere |
| 4 | Maize processors association | Hiriyur |
| 5 | Coconut processors association | Chitradurga |

## 15. Activities proposed as Knowledge and Resource Centre during 2014-15

**15.1 Technological knowledge**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl.No.** | **Category** | **Details of technologies** | **Area (ha)/**  **Number** | **Names of the team members involved** |
| 15.1.1 | Technology Park/ Crop cafeteria | Onion varieties demonstrations | 0.4 | Prakash, SB Salimath, Onkarappa |
| 15.1.2 | Demonstration Units | Vermi-composting | 2 units | Sarvajna Salimath and Rudragouda |
|  |  | Azolla unit | 5 units | Sudharani & Salimath |
| 15.1.3 | Lab Analytical services | Soil and water analysis | 1000 samples | Sarvajna Salimath and Geeta Kumari |
| 15.1.4 | Technology Week | Nutrient and Water management in Horticultural crops | 1 | All SMS |

**15.2 Technological Products**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl.No.** | **Category** | **Name of the Production**  **Partner Agency, if any** | **Name of the product** | **Quantity (q)/ Number planned to be produced during 2014-15** | **Names of the team members involved** |
| 15.2.1 | Planting materials |  |  |  |  |
|  | Drumstick | - | Seedlings | 5000 | Prakash, Farm manager |
|  | Sapota | - | Grafts | 2500 | Prakash, Farm manager |
|  | Lime | - | Seedlings | 5000 | Prakash, Farm manager |
|  | Bio-agent |  | Pseudomonas | 15.00q | SRF |
|  |  |  | Trichoderma | 5q | SRF |

**15.3 Technological Information**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Category** | **Technological capsules / Number** | **Names of the team members involved** |
| 15.3.1 | Literature/publications | Nutrient Management in Banana:500 copies of leaflets | Sarvajna Salimath, Kerure, Chandrappa |
|  |  | Pomegranate production technologies | Prakash Kerure, Sarvajna Salimath Chandrappa |
|  |  | Management of diabetes mellitus: 500 copies of leaflets | Sudharani, Salimath, Chandrappa |
|  |  | Processing & value addition of maize. : 500 copies of leaflets | Sudharani, Rudra goud, Chandrappa |
|  |  | Drudgery reduction tools in agriculture: 500 copies of leaflets | Sudharani, Onkarappa & Chandrappa |
|  |  | Low cost nutritious diets: 500 copies of leaflets | Sudharani, Prakash & Chandrappa |
|  |  | IPDM in Bengal gram:500 copies of leaflets | Dr. Onkarappa, Dr. Sarvajna Salimath,  Dr. Rudregoud, Dr. Sudharani |
|  |  | Improved Agronomic practices maize production:500 copies of leaflets | Rudragouda F Channagouda Sarvajna Salimath, Kerure, Chandrappa, Sudharani N |
|  |  | Central and State Government Schemes in Agriculture and Allied Subject: 500 copies of leaflets | Gajendra,T.H. Chandrappa, Sarvajna Salimath, Kerure, Rudragouda F Channagouda |
|  |  | Clean Milk Production: 500 copies of leaflets | Gajendra,T.H. Chandrappa, Sarvajna Salimath, Kerure, , Rudragouda F Channagouda |
|  |  | 10 | All SMS and Programme Coordinator |
| 15.3.2 | Electronic Media | 4 | All SMS |
| 15.3.3 | Kisan Mobile Advisory Services | 200 | All SMS |
| 15.3.4 | Information on centre/state sector schemes and service providers in the district. | Data will be collected from different line departments | All SMS |

**16. Revolving Fund**

**16.1 Financial status**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Opening balance as on 01.04.2013**  **(Rs.in Lakh)** | **Expenditure incurred during 2013-14**  **(Rs.in Lakh)** | **Receipts during**  **2013-14**  **(Rs.in Lakh)** | **Closing balance as on 31.01.2014**  **(Rs.in Lakh)** | **Expected closing balance by 31.03.2014 (Including value of material in stock/ likely to be produced)** |
| 7.15 | 7.79 | 11.25 | 10.62 | 11.50 |

**16.2 Plan of activities under Revolving Fund**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl.No.** | **Proposed activities** | **Expected output** | **Anticipated income (Rs.in lakh)** | **Names of the team members involved** |
| 16.2.1 | Seed production | 20q | 1.00 | SMS(Agronomy) |
| 16.2.2 | Trichoderma | 5q | 0.40 | SRF |
| 16.2.3 | Pseudomonas | 15q | 1.05 |
| 16.2.4 | Soil & Water | 2500samples | 0.75 | SMS(Soil Science) |
| 16.2.5 | **Planting material** |  |  |  |
|  | Drum stick seedling (Bhagya) | 1000 | 0.05 | SMS (Horticulture) |
|  | Sapota graft (Cricket Ball) | 1000 | 0.4 | SMS (Horticulture) |
|  | Lime seedlings | 1500 | 0.15 | SMS (Horticulture) |

## 17. Activities of soil, water and plant testing laboratory during 2014-15

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl.No.** | **Type** | **No. of samples to be analyzed** | **Names of the team members involved** |
| 17.1 | Soil | 1500 | Sarvajna B.Salimath, Geeta Kumari |
| 17.2 | Water | 1000 | Sarvajna B.Salimath, Geeta Kumari |

**18. Farmers Field School (FFS) planned**

|  |  |  |  |
| --- | --- | --- | --- |
| **S. No** | **Thematic area** | **Title of the FFS** | **Budget proposed in Rs.** |
| 18.1 | Crop Production | ICM in Onion | 25000 |

**19.Budget - Details of budget utilization (2013-14) upto 31 January 2014 (Rs.)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.**  **No.** | **Particulars** | **Sanctioned** | **Released** | **Expenditure** |
| **19.1** | **Recurring Contingencies** |  |  |  |
| 19.1.1 | **Pay & Allowances** | 4900000 | 5637500 | 4845554 |
| 19.1.2 | **Traveling allowances** | 150000 | 80859 |
| 19.1.3 | **Contingencies** | - | - |
| *19.1.4.1* | Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance | 210000 | 196683 |
| *B* | POL, repair of vehicles, tractor and equipments | 160000 | 159365 |
| *C* | Meals/refreshment for trainees/ | 90000 | 89805 |
| *D* | Training material | 80000 | 47989 |
| *E* | Frontline demonstration except oilseeds and pulses | 360000 | 269798 |
| *F* | On farm testing | 50000 | 13950 |
| *G* | Training of extension functionaries | 25000 | 11337 |
| *H* | Maintenance of buildings | 50000 | 4583 |
| *I* | Establishment of Soil, Plant & Water Testing Laboratory | - | - |
| *J* | Library | 5000 | 4940 |
| *k* | Extension Activities | 60000 | 28983 |
| *l* | FFS | 30000 | 15925 |
| **20.1** | **Total Recurring** | 6150000 |  | 5769771 |
| **20.2** | **Non-Recurring Contingencies** | - |  | - |
| 20.2.1 | **Works** | - |  | - |
| 20.2.2 | **Equipments including SWTL & Furniture** | - |  | - |
| 20.2.3 | **Vehicle** (Four wheeler/Two wheeler, please specify) | - |  | - |
| 20.2.4 | **Library** | - |  | - |
| **20.3** | **Total Non Recurring** | **-** |  | **-** |
| **20.4** | **REVOLVING FUND** | - |  | - |
| **20.5** | **GRAND TOTAL (A+B+C)** | 6150000 |  | 5769771 |

**21. Details of Budget Estimate (2014-15) based on proposed action plan**

|  |  |  |
| --- | --- | --- |
| **Sl.**  **No.** | **Particulars** | BE 2014-15 proposed (Rs.) |
| A | **Recurring Contingencies** |  |
|  | Pay & Allowances | 9250000 |
|  | Traveling allowances | 250000 |
| 3. | **Contingencies** | - |
| a. | Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines) | 350000 |
| b. | POL, repair of vehicles, tractor and equipments | 375000 |
| c. | Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)  Off Campus-40 Rs/trainee, On Campus-150Rs/Trainee | 250000 |
| d. | Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training) | 100000 |
| e. | Training of extension functionaries | 30000 |
| f. | Maintenance of buildings | 25000 |
| g. | Extension Activities | 60000 |
| h. | FFS | 30000 |
|  | **TOTAL Recurring Contingencies** | **10,720,0**00 |
| B | **TOTAL Non-Recurring Contingencies** |  |
| 1 | **Library** (Purchase of assets like books & journals) | 50000 |
|  | **GRAND TOTAL(A+B)** | **10770000** |

**22. Receipt and Expenditure Statement of KVK, Chitradurga for the year 2013-14**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl.No** | **Particulars** | **Receipts** | **Expenditure** | **Remarks** |
| 1 | KVK Farm   1. Redgram BRG-2 2. Foxtail Millet HMT-100-1 3. Castor DCS-9 4. Bengalgram JG-11 | 86889 | 34869 | - |
| 2 | Farmers Hostel | 4120 | 22335 | - |
| 3 | Soil & Water Testing laboratory | 97440 | 37320 | - |
| 4 | NHM Projects  Trichoderma & Pseudomonas | 137320 | 105435 | - |
| 5 | Demonstration Unit | - | - |  |
| 6 | Any Other:  Nursery Seedlings | 1950 | - | - |
| 7 | Onion Seed Production | 558800 | 489460 | - |
|  |  |  |  |  |
| **Total** | | **886519** | **6,89,419** | 197100 Net profit |
|  |  |  |  |  |
|  |  |  |  |  |