

Norms/Guidelines for, “Strengthening and Modernization of Pest Management Approach in India”

“Strengthening and Modernization of Pest Management Approach in India” is a central sector scheme having following main components:

(a) Integrated Pest Management: Integrated Pest Management is an environment friendly approach to pest managements. It encompasses pest control techniques such as cultural, mechanical and biological with minimum dependence on chemical pesticides. IPM related activities are being implemented through 31 Central Integrated Pest Management Centres (CIPMCs) established in 28 States and one Union Territory. Activities under IPM are:

(i) **Human resource development** (HRD) through Farmers’ Field Schools (FFSs), **Season Long Training Programmes (SLTPs), Short Duration Training Programmes** including refresher courses: CIPMCs organize FFSs in fields to create awareness among farmers. Under the HRD programme, CIPMCs organize short duration courses of two days and five days for pesticides dealers/ NGOs/ Graduates/Post-graduates/Pvt. Entrepreneurs and progressive farmers. They also organise Season Long Training (SLT) programmes on major agricultural/ Horticultural crops for extension workers of the States Govts. Cost norms for organizing FFSs , 5and 2 days training program and season long training program are provided in **Annexure I(a) to 1(d)**. Experience shows that there is no significant locust activity from January to May. During this period LWO staff can be utilized for conducting crop pest surveys and Farmers Field Schools for crops like Spices, vegetables, Pulses and fodder crops etc. to popularize IPM activities.

(ii) **Production and release of bio-control agents** by Central Integrated Pest Management Centres (CIPMCs). Funds will also be provided to state bio – control labs (SBCLs) for production of bio- control agents. Funding pattern & list of equipments is at **Annexure II**.

(iii) **Conservation and augmentation** of natural enemies of pests.

(iv) **Survey and monitoring** of insect-pests and diseases in important pest prone crops. Emphasis will be given on e-pest surveillance which enable early detection & quick transmission of survey data / information from field to the base stations, equipped with necessary hardware and software for rapid processing and decision making.

(v) Creation of Emergency Mitigation and preparedness Cell for Emerging Pest Problems:

An emergency preparedness plan with detail contingent plans will be prepared at least at regional CIPMCs to combat the threat of emerging pests effectively. The contingent plan will be prepared every year in advance and will include activities like surveillance for early detection of pests, creation of pest alert mechanism, training of stake holders, pest risk analysis, deployment of resources required for this purpose and managerial operational work.

(vi) Establishment of Pest Diagnostic Units at five regional CIPMCs:

New invasive pests, new strains of existing pests require early detection and identification of steps to be taken to eradicate them before the pest gets established and poses threat to our bio security. Hence, pest diagnostic units at least at five regional CIPMCs will be set up. A provision of Rs 3.44 crore is proposed for this purpose .

(vii) Data Management cum Pest Forecasting Unit

A pest surveillance data management system is required to be established for pest forecasting and release of pest advisory both at CIPMC level and at Head Quarters level during 12th five year plan.

(viii) Rodent Pest Management :

States sometimes demand funds for rodent management when they face rodent attacks. Funds can be provided for capacity building , awareness creation and rodent control campaigns. Cost break up of each component under Rodent Pest Management will be same as for other pest management programme as at Annexure – I(a) to (d).

(ix) A **coordination cell** for IPM will be setup for coordination with Research & Extension Agencies and Other stakeholders.

(x) **CIPMC buildings**

Office-cum-bio-control laboratory buildings will be constructed at CIPMCs, Guwahati (Rs.1.75 crores.), Indore (Rs.1.75 Cr.), Sriganaganagar (Rs.1.77 Cr.), where buildings are already available. Four new CIPMCs are proposed at Jaipur (Rajasthan), Agra (Uttar Pradesh), Nasik(Maharashtra) and Vijayawada (Andhra Pradesh) to increase the reach and coverage of IPM in these states.

(xi) **Outsourcing of Services**

Services like cleaning of laboratory cum office building, premises/ campus, horticulture work, lab equipment/ glass wares, lab wastes etc and watch & ward duty of all 35 CIPMCs (31 existing & 4 proposed new CIPMCs) are proposed to be outsourced through service providers during 12th Five year plan.

(b) **Locust Warning Organization (LWO)** is responsible for monitoring and controlling desert locust over 2.00 lakh sq km in Scheduled Desert Area (SDA) in Rajasthan, Gujarat and Haryana.

(c) **Implementation of Insecticides Act(IIA):** Pesticides are regulated under the Insecticides Act, 1968 (the Act) and Insecticides Rules, 1971 (the Rules). Implementation of Insecticides Act is through following setups:

(i) **Central Insecticides Laboratory** was set up under Section 16 of the Act with major objectives of pre and post registration verification of properties, performance and hazards associated with pesticides.

1. **Online Central Pesticides Analysis Information System(CPAIS)** is proposed to be launched in the XII Five Year Plan.
2. **Codex Unit** will be created to coordinate with different organizations/institutions/ministries and to prepare national views/ response on various codex matters arising out of WTO – SPS agreement on Agriculture.

3. Existing **animal house** will be modernised in conformity with CPCSEA and GLP norms to obtain GLP certification.
4. A provision has been made for **safe disposal of hazardous chemical** waste through incinerator during the XII Plan period (2012-17).

(ii) Central Insecticides Board & Registration Committed (CIB& RC) :

Central Insecticides Board was constituted under Section 4 of the Act advises Central and State Governments on technical matters arising out of administration of this Act and issue of safety to human beings or animals from manufacture, transport, sale, storage usage of pesticides. **Registration Committee (RC)** constituted under Section 5 of Insecticides Act, 1968, scrutinizes formulae of pesticides, verify claims regarding efficacy and safety to human beings and animals, specify doses, and precautions .Registration Committee registers pesticides under Section 9 of Act after verifying their efficacy and safety to human beings and environment.

1.Creation of new cells in CIB&RC Sectt : - Export registration cell, Biopesticides registration cell, legal cell, Environment Impact study cell, Compliance Monitoring Cell , Archive Management Cell for safe keeping and easy retrieval of records, e-Management Cell to maintain e-system and implement e-governance will be created during XII plan.

2. Housekeeping Services and security services will be outsourced. Management of Existing Record will be outsourced to digitize and classify them for easy retrieval, efficiency and space consummation. Provision has been made for renovation of Sectt Building for efficient utilization of space to meet the growing needs of existing and the proposed staff and for updating working and communication facilities, necessary to keep pace with development outside and enhance efficiency.

(iii) Regional Pesticides testing Laboratories (RPTLs) and State Pesticide Testing Laboratories (SPTLs) : - Efforts will be made to set up new

SPTLs in States/ UTs which do not have SPTL and to strengthen quality control testing facilities in States already having SPTLs. Grant in aid to the tune of Rs 95 lakh will be provided for setting up of SPTL, viz: Rs 50 lakh for equipments and Rs 45 lakh for building. List of equipments for setting up an SPTL is at **Annexe –III**.

(iv)Techno-legal Cell- Techno-legal Cell co-ordinates the work of two Regional Pesticides Testing Laboratories (**RPTLs**), established by the Central Government to supplement the resources of States/UT in monitoring quality of pesticides, where either State Pesticides Testing Laboratories (**SPTLs**) do not exist or where facilities for testing of all types of pesticides do not exist. It also facilitates in strengthening and setting up of new SPTLs as also the notification of the Central Insecticide Inspectors, co-ordinating their work, guide and help them in initiation of proceedings against the offenders.

A **Task Force** will be created to conduct raids on suspected offenders to check illegal/ spurious imports as well as manufacturing /selling of spurious pesticides/ Biopesticides/ bio-products in the market.

The cell will facilitate **creation of facilities for Bio-pesticides testing** in RPTLs, 5 regional CIPMCs and SBCLs / SPTLs.

List of equipments for bio-pesticide testing for SPTLs/SBCLs/ RPTLs/ CIPMCs is at **Annexe-IV(i) and (ii)**.

(v) Setting up of a National Pesticide Reference Repository (NPRR) to provide pesticide reference standards to pesticide testing laboratories to improve quality of testing. This laboratory will initially obtain technical grade pesticides, purify, standardize and supply them to pesticides testing laboratories in the country. Subsequently, it will synthesize all the technical grade pesticides. It will standardize primary and secondary standards and supply reference standards/Certified Reference Material (CRM) to State

Pesticides Testing Laboratories or Private Laboratories as and when required.

(vi) **Setting up of a National Pesticide Investigational Laboratory (NPIL)** in context of growing concern about spurious pesticides, including bio-pesticides, adulterated with unauthorized chemicals. NPIL would not only check such products but would also audit functioning of pesticide testing laboratories. Functions of NPIL would be detection of lacing of biopesticides (microbial pesticides) with chemical pesticides, detection of pesticides imported in the garb of other chemicals/intermediates by analyzing the samples, sent by Customs, verification of veracity of analysis of samples of pesticides by the Insecticide Analysts in all pesticides testing laboratories, development/validation of methods of analysis of newly introduced molecules and to provide them to all pesticides testing laboratories in the country & support to Environment Impact Study Cell of the RC.

(vii) Funding pattern for XII Plan for the Scheme is as under:

(Rs. in crore)

| | Component | Outlay (crore) |
|---|---|------------------------|
| A | Promotion of Integrated Pest Management (IPM) | 82.04 |
| B | Locust Control and Research | 6.01 |
| C | Implementation of Insecticides Act | 94.95 |
| | Total | 183.00 |

| Components | Recurring | Non-recurring | Total (Rs. in Cr) |
|--------------------|------------------|----------------------|--------------------------|
| A. IPM | 75.06 | 6.98 | 82.04 |
| B. LCR | 3.41 | 2.15 | 6.01 |
| C. IIA | 59.62 | 35.33 | 94.95 |
| Grand Total | 138.09 | 44.47 | 183.00 |

Detailed cost break up of each of the three components is at **Annexure-V**.

(viii) Activity Map under SMPMA for effective devolution of funds, functions & functionaries to Panchayati Raj Institutions is at **Annexure VI**. This will bring in more effective delivery of public goods and services.

Annexure I (a)

Norms for expenditure on One Farmers Field School IPM demonstration-cum-training for 30 farmers and 5 Apprentice Officers (AEOs/NGOs/Lead farmers etc. for one FFS of duration of 14 days) **

| | Item | Amount (Rs.) |
|----|---|-------------------|
| 1. | Refreshment @ Rs. 20/- per trainee for 14 number of programmes (30x20x14) | Rs. 8,400 |
| 2. | Expenditure on POL/hiring of vehicles | 2,500/5,000* |
| 3. | Contingent expenditure, Banners and refreshment for inaugural function of FFS | Rs.1,800/- |
| 4. | Distribution of (i) Cost of training material including IPM kit @ Rs. 150/- per kit = Rs. 4,500 (ii) Cost of pheromones/biopesticides, emergency spray, other relevant training materials including planting of at least 100 neem trees. = Rs. 2000 | Rs. 6,500 |
| 5. | Distribution of IPM literature and agricultural implements for cultural/mechanical practices for 30 trainees @ Rs. 100 per trainee | Rs.3,000/- |
| 6. | Farmers' Field Day (one day) Miscellaneous contingent expenditure including refreshment | Rs.1,500/- |
| 7. | Honorarium for two facilitators/trainers @ Rs. 1500/- each for complete season | Rs. 3,000/- |
| | Total expenditure for conducting one FFS by State Govts./SAUs/KVKs | Rs. 26,700 |
| | Total expenditure for one FFS by NGOs/Private bodies | Rs. 29,200 |

N.B. * Contingent expenditure on POL/hiring of vehicles will be Rs. 2,500/- per FFS for Government and Public Sector Organization viz., State Government/KVKs/SAUs/ICAR Institutes and Rs. 5,000/- for NGOs and private bodies.

****Same cost norms will be followed for farmer training/awareness for rodent management.**

Annexure I (b)**IPM ORIENTATION TRAINING (One Week - 5 days)****BUDGET DETAILS FOR ACCOMODATION, CATERING, P.O.L. ETC.****UNDER IPM COMPONENT**

| 1. Accommodation | Rate | Maximum Amount (Rs.) |
|--|---|--------------------------------|
| (i) Trainees | @ Rs.250 per day for 40 trainees for 5 days (250 x 40 x 5) | Rs.50,000 |
| (ii) Resource persons | @ Rs.500 per day for 4 Resource Persons for 5 days(500 x 4 x 5) | Rs.10,000 |
| 2. Catering Expenses | | |
| (i) Trainees & trainers etc. | @ Rs.300 per day for 53 trainees for 5 days(300 x 53 x 5) | Rs.79,500 |
| 3. Training accessories | | |
| (i) Training equipment including IPM Kit | @ Rs.150 per IPM Kit for 40 persons (150 x 40) | Rs.6,000 |
| 4. POL & Minor repairs/hiring charges of vehicles | @ Rs.400 per day for 5 days (400 x 5) | Rs.2,000 |
| 5. Other expenses | | |
| (i) Stationery | Rs.200/- per day | Rs.1,000 |
| (ii) Inaugural Function Banners Seating arrangement Tea for 100 persons @ Rs.10/- per head | | Rs. 500 Rs. 500 Rs.1,000 |
| (iii) Valedictory function Seating arrangement Tea for 60 persons @ Rs.10/- per head | | Rs.500 Rs.600 |
| (iv) Contingency | | Rs.500 |
| Total | | Rs.1,52,100/- |

Annexure I (c)

IPM ORIENTATION TRAINING (2 days)*

| 1.Catering Expenses | Rate | Maximum Amount Rs. |
|---|---|---------------------------|
| (i) Trainees & trainers etc. | @ Rs.300 per day for 53 trainees for 2 days (300 x 53 x 2) | Rs.31,800 |
| 2. Training accessories | | |
| (i) Training and awareness literature | @ Rs.50 for 40 persons (50 x 40) | Rs.2,000 |
| 3. POL & Minor repairs/ hiring charges of vehicles | @ Rs.400 per day for 2 days (400 x 2) | Rs.800 |
| 4. Other expenses | | |
| (i) Stationery | Rs.200/- per day | Rs.400 |
| (ii) Inaugural Function | | |
| (a) Banners | | Rs. 500 |
| (b) Seating arrangement | | Rs. 500 |
| (c) Tea for 100 persons @ Rs.10/- per head | | Rs.1,000 |
| (iii) Valedictory function | | |
| (a) Seating arrangement | | Rs.500 |
| (b) Tea for 60 persons @ Rs.10/- per head | | Rs.600 |
| (iv) Contingency | | Rs.500 |
| Total | | Rs.38,600/- |

* Same cost norms will be applicable for capacity building in rodent management.

Annexure I (d)

Pattern of Expenditure for Season Long Training Programme

(Training of Facilitators/Master Trainers)

| S. No. | Description of items/activities | Amount | Total cost for 30 days | Total cost for 60 days | Total cost for 90 days |
|---------------|---|---------------------|-------------------------------|-------------------------------|-------------------------------|
| 1. | Accommodation: | | | | |
| | - Participants (40 trainees) on twin sharing basis | Rs. 500 per day | Rs.3,00,000 | Rs.6,00,000 | Rs.9,00,000 |
| | - Support staff (5 persons) on twin sharing basis | Rs. 500 per day | Rs.37,500 | Rs 75,000 | Rs.1,12,500 |
| | -Resource persons (8) on single accommodation | Rs. 500 per day | Rs,120,000 | Rs 2,40,000 | Rs.3,62,000 |
| | Total cost (accommodation): | | Rs.4,57,500 | Rs.9,15,000 | Rs.13,74,500 |
| 2. | Catering expenses for 53 persons | Rs.300 per day | Rs.4,77,000 | Rs.9,54,000 | Rs.14,31,000 |
| 3. | Training Expenses: | | | | |
| | (a) IPM Training Kit & fields materials (40 trainees) | Rs.1000 per trainee | Rs.40,000 | Rs. 40,000 | Rs.40,000 |
| | (b) Book/Stationery/Dissertation (40 trainees) | Rs.500/trainee | Rs.20,000 | Rs. 20,000 | Rs.20,000 |
| | Total cost (Training expenses): | | Rs.60,000 | Rs. 60,000 | Rs.60,000 |
| 4. | POL & Minor repair/Vehicle Hiring charges: | Rs.800 per day | Rs.24,000 | Rs. 48,000 | Rs.72,000 |
| 5. | Other expenses : | | | | |
| | (a) Stationery | | Rs.20,000 | Rs.30,000 | Rs.35,000 |
| | (b) Training materials | | Rs. 10,000 | Rs.10,000 | Rs.10,000 |
| | Total cost (Other expenses): | | Rs.30,000 | Rs.40,000 | Rs.45,000 |
| 6. | Inaugural function : | | | | |
| | - Banners | | Rs.1,000 | Rs.1,000 | Rs.1,000 |
| | - Seating arrangement | | Rs.1,000 | Rs.1,000 | Rs.1,000 |
| | - Tea &snacks (for 100 persons) | Rs.10 per person | Rs.1,000 | Rs.1,000 | Rs.1,000 |
| | - Working lunch (for 50 persons) | Rs.100 per person | Rs.5,000 | Rs.5,000 | Rs.5,000 |
| | Total Cost (Inaugural function) | | Rs.8,000 | Rs.8,000 | Rs.8,000 |

| | | | | | |
|-----|---|--------------------------------------|------------------------------|------------------------------|--------------------------------|
| 7. | Valedictory function : <ul style="list-style-type: none"> - Banners - Seating arrangement - Tea & snacks (for 100 persons) - Working lunch (for 50 persons) | | Rs.1,000 | Rs.1,000 | Rs.1,000 |
| | | Rs.10 per person | Rs.1,000 | Rs.1,000 | Rs.1,000 |
| | | Rs.100 per person | Rs.5,000 | Rs.5,000 | Rs.5,000 |
| | Total cost (Valedictory function) : | | Rs.8,000 | Rs.8,000 | Rs.8,000 |
| 8. | Honorarium <ul style="list-style-type: none"> - Resource person (8) - Guest Resource person (5 for 10 days in 30 days course) (5 for 20 days for 60 days course) (5 for 20 days for 90 days course) | Rs.500 per day Rs.800 per day | Rs.1,20,000 Rs.40,000 | Rs.2,40,000 Rs.80,000 | Rs.3,60,000 Rs.1,20,000 |
| | Total cost (Honorarium) | | Rs.1,60,000 | Rs.3,20,000 | Rs.4,80,000 |
| 9. | Contingency: | | Rs. 10,000 | Rs. 15,000 | Rs. 20,000 |
| 10. | Traveling Allowance (For trainees of North Eastern Region) | | Rs. 10,000 | Rs. 10,000 | Rs. 10,000 |
| | Total cost (Traveling Allowance) | | Rs. 10,000 | Rs. 10,000 | Rs. 10,000 |
| | GRAND TOTAL : | | Rs.12,44,500 | Rs.23,78,000 | Rs.35,08,500 |

Funding pattern:**(i) For setting up new State Bio Control Lab (SBCL):**

- a) Rs. 45.00 lakh for building
 b) Rs. 20 lakh for equipments as listed below
 c) **For strengthening of SBCL** funds up to Rs. 20.00 lakh can be provided for equipments only excluding vehicle.

(ii) Same cost norms as for SBCL will be applicable for bio control Lab at CIPMCs.**List of Equipments for CIPMCs and SBCLs**

| S. No. | Item | No. | Approx Cost (in Rs./Unit) | Total amount (in lakh.) |
|--------|--|-----|---------------------------|-------------------------|
| 1 | Heat convector | 20 | 2,000 | 40,000 |
| 2 | Steel racks (7x3x18) (with 6 compartments) | 20 | 1,000 | 20,000 |
| 3 | Chrysopa cages | 20 | 1,000 | 20,000 |
| 4 | Laboratory tables | 5 | 7,000 | 35,000 |
| 5 | Laboratory stools | 20 | 250 | 5,000 |
| 6 | Hygrometer (Dail type) | 10 | 400 | 4,000 |
| 7 | Thermometer (Dail type) | 10 | 400 | 4,000 |
| 8 | Mixture-cum-grinder | 2 | 2,000 | 4,000 |
| 9 | Corcyra egg laying cages | 50 | 200 | 10,000 |
| 10 | UV Chamber with UV tubelight | 2 | 1,500 | 3,000 |
| 11 | Exhaust Fan | 10 | 1,000 | 10,000 |
| 12 | Vacuum cleaner | 2 | 4,000 | 8,000 |
| 13 | Water Distillation Unit | 1 | 2,000 | 2,000 |
| 14 | Glasswares (Petri dishes, Jars, Flask etc.) | - | - | 60,000 |
| 15 | Air Conditioner with cooling and heating arrangement with 4 KVA Stabilizer | 8 | 50,000 | 4,00,000 |
| 16 | Refrigerator 300 Lit capacity with 1 KVA Stabilizer | 2 | 20,000 | 40,000 |
| 17 | Hot Air Oven | 2 | 40,000 | 80,000 |
| 18 | BOD Incubator with temp. humidity and photo period provision with 1 KVA stabilizer | 2 | 80,000 | 1,60,000 |
| 19 | Centrifuge | 2 | 8,000 | 16,000 |
| 20 | Laminar Flow | 1 | 24,000 | 24,000 |
| 21 | Autoclave vertical | 1 | 20,000 | 20,000 |
| 22 | Semi automatic Corcyra rearing system | 50 | 10,000 | 5,00,000 |
| 23 | Microscope (Research with accessories) | 1 | 1,00,000 | 1,00,000 |
| 24 | Stereo Binocular Microscopic | 1 | 50,000 | 50,000 |
| 25 | Top loading electronic balance | 1 | 35,000 | 35,000 |
| 26 | Vehicle Diesel Jeep with trailer | 1 | 5,00,000 | 5,00,000 |
| 27 | Miscellaneous lab. Items | - | - | 3,50,000 |
| | Total | | | 25,00,000 |

Annexure III

Equipments for State Pesticides Testing Laboratories

| S. No. | Name of Equipment | Cost (Rs. in lakh) |
|--------|------------------------------|--------------------|
| 1 | HPLC with UPS | 16.00 |
| 2 | GLC with UPS | 10.00 |
| 3 | FTIR with UPS | 17.00 |
| 4 | UV Visible Spectrophotometer | 5.50 |
| 5 | Electronic Balance | 1.50 |
| | Total | 50.00 |

Equipments for bio-pesticide testing at SPTL/SBCL.

| S. No. | Equipment | No. | Cost (Rs. In Lakh) |
|---------------|---|------------|---------------------------|
| 1. | ELISA (Enzyme-linked immune sorbent assay) complete unit | 1 | 10.00 |
| 2. | Fluorescent Microscope with phase contrast attachment | 1 | 08.00 |
| 3. | Miscellaneous items | -- | 02.00 |
| | TOTAL | -- | 20.00 |

Equipments for bio-pesticide testing at RPTL and CIPMC.

| S. No. | Equipment | No. | Cost (Rs. In Lakh) |
|---------------|---|------------|---------------------------|
| 1. | Laminar flow | 1 | 01.00 |
| 2. | BOD Incubator | 1 | 01.00 |
| 3. | Hot Air Oven | 1 | 00.20 |
| 4. | Autoclave | 1 | 00.40 |
| 5. | Moisture Analyzer | 1 | 00.40 |
| 6. | Haemocytometer | 1 | 00.40 |
| 7. | Aerosol Disinfectant | 1 | 00.20 |
| 8. | ELISA (Enzyme-linked immune sorbent assay) complete unit | 1 | 10.00 |
| 9. | PCR (Polymerase Chain Reaction) Complete Unit | 1 | 10.00 |
| 10. | Compound Microscope (Research) | 1 | 02.00 |
| 11. | Fluorescent Microscope with phase contrast attachment | 1 | 08.00 |
| 12. | Centrifuge (20,000 rpm) | 1 | 01.00 |
| 13. | Micropipette (different range) 0.01 μ ml-1ml | -- | 01.00 |
| 14. | Miscellaneous items | -- | 01.00 |
| | TOTAL | -- | 36.60 |

Annexure V

Component-wise Budget Outlay for “Strengthening & Modernization of Pest Management approach in India” for the 12th Five Year Plan (2012-2017)

| S. No. | | Rs` in lakh | | | |
|----------|--------------------------------------|----------------|---------------|----------------|-----------------|
| | | IPM | Locust | IIA | Total |
| A | Recurring | | Total | | |
| 1. | Salaries + salaries for Addl posts | 4140.61 | 120.77 | 2946.21 | 7207.59 |
| 2. | Wages | 25.93 | 0.60 | 7.10 | 33.63 |
| 3. | OTA | 4.71 | 0.00 | 46.10 | 50.81 |
| 4. | Medical Treatment | 93.50 | 1.50 | 257.30 | 352.3 |
| 5. | DTE | 293.22 | 1.60 | 225.94 | 520.76 |
| 6. | Foreign Travel Expenses | 9.14 | 0.00 | 144.45 | 153.59 |
| 7. | Office Expenses | 832.97 | 67.50 | 741.56 | 1642.03 |
| 8. | RRT | 521.89 | 1.00 | 0.00 | 522.89 |
| 9. | Publication | 60.00 | 1.05 | 2.50 | 63.55 |
| 10. | Other Administrative services | 1167.32 | 26.00 | 159.74 | 1353.06 |
| 11. | Supply & material | 27.47 | 26.00 | 420.50 | 473.97 |
| 12. | Advertisement & publicity | 146.66 | 0.00 | 8.50 | 155.16 |
| 13. | Minor Work | 116.03 | 94.00 | 890.00 | 1100.03 |
| 14. | Professional services | 6.10 | 00.00 | 111.80 | 117.90 |
| 15. | GIA | 61.05 | 0.00 | | 61.05 |
| | Total A | 7506.60 | 340.92 | 5961.70 | 13809.22 |
| B | Non-Recurring | | | | |
| 1. | Motor vehicles | 30.00 | 38.00 | 50.00 | 118 |
| 3. | Machinery & Equipment | 40.03 | 7.50 | 1458.80 | 1506.33 |
| 4. | Contractual services/ Outsourcing | 15.39 | 00.00 | 320.00 | 335.39 |
| 5. | Capital | 527.00 | 215.00 | 980.50 | 1722.5 |
| 6 | NE Region | 60.77 | 0.00 | 0.00 | 60.77 |
| 7 | 3601-Grants in Aid | 25.02 | 0.00 | 724.00 | 749.02 |
| | Total B | 698.21 | 215.00 | 3533.30 | 4446.51 |
| | Grant Total (A +B) | 8204.81 | 601.42 | 9495.00 | 18301.23 |

Annexure VI

SMPMA ACTIVITY MAPPING

| S. No | Activity Category | Role of Central Government | Role of Village Panchayat |
|--------------|--------------------------|---|--|
| 1 | Setting Standards | Issue guidelines for implementation of SMPMA | Implementation of advisories on pest management issued by CIPMCs. |
| 2 | | National level norms for conducting FFS. | Support of village panchayat in logistics. |
| 3 | | Norms for grant to State for setting State Pesticides Testing Laboratories (SPTL). | State government to execute the project. |
| 4 | | Norms for grants to State for setting State Bio-control Laboratories (SBCL). | -Do- |
| 5 | | Norms for seed treatment. | Facilitate setting up of seed treatment drums at village panchayat office. |
| 6 | Planning | 1. Setting targets for the five year plan and annual plans. | Provide inputs in the planning process. |
| 7 | | 2. Identification of activities to be accomplished during the year under the scheme. 3. Identification of Land for construction of CIPMCs. | |
| 8 | Asset Creation | Approval for the construction of various facilities such as SPTL, SBCL. | State government to execute the project. |

| | | | |
|----|---------------------------|--|---|
| 9 | | Purchase of Machinery and equipment for State labs as well as central labs. . | -Do- |
| 10 | Operation and Maintenance | Approval of State Agriculture Plan for the purpose of identifying and supporting activities under SMPMA. | Village panchayats to provide inputs in the plan keeping in view their requirement. |
| 11 | | Pest Surveillance & Monitoring. | To provide first hand information about occurrence of pest and diseases in it's jurisdiction on different crops and to guide the survey team to prepare the survey route. |
| 12 | | Augmentation & Conservation of Natural Enemies. | -To avoid the indiscriminate use of pesticides to conserve the natural enemies of crop pests. - Field to field augmentation of existing bio-control agents. |
| 13 | | Production & release of Bio-control agents. | Formation of Self help groups for production and release of bio-control agents in their areas. |
| 14 | | Human Resource Development Programme | - |
| 15 | | A. Conducting IPM Farmers Field Schools (FFSs) | -To motivate the fellow farmers to attend these schools. |
| 16 | | B. Short Duration Training Programme (2days) | -To motivate the fellow farmers and sensitization of pesticides dealers for judicious use of pesticides and encourage the bio-pesticides. |
| 17 | | C. Short Duration Training Programme (5days) | -To follow the advice of State Extension Officers who are directly in touch with village Panchayat. |
| 18 | | D. Season Long Training Programme (30 days) | -To provide demonstration Field for experiments and farmers Field schools. |

| | | | |
|----|---------------------------------|--|---|
| 19 | Monitoring and Evaluation | Periodical Technical Reports | - |
| 20 | | Financial Audits | - |
| 21 | | Meetings | - |
| 22 | | Obtaining Utilization Certificates (UCs) from State Govt & NGOs w.r.t Grant-in- Aid. | - |
| 23 | | Evaluation through independent agencies | - |