

From

Director General Horticulture,  
Haryana, Panchkula.

To

The Principal Secretary to Govt. Haryana,  
Agriculture and Farmers Welfare Department.

Memo No. Hort. B-III/GPA(P)2/14/VIII/

Dated, Panchkula, the: -

**Subject: - Sanction for Plan Scheme for Good Agricultural Practices and Effect of Pesticide Residue on Fruits & Vegetables (SB No. 61) for the year 2018-19.**

It is a continuing Plan Scheme. In the year 2017-18, State Govt. vide letter No. 1036-Agri.II(5)-2017/5388 dated 25.04.2017 approved this scheme for a total amount of Rs.150.00 lakhs with revised outlay of Rs.124.00 lakhs. An estimated budget provision of Rs.178.00 lakhs has been made for the year 2018-19.

While taking samples of the vegetables a high level of residue limit was found and were more than tolerance limit prescribed under PFA Act and Rules. The State Govt. has decided to formulate a New Plan Scheme to “Evaluate Pesticide Residue as Fruits & Vegetables and Adoption of Good Agricultural Practices” for the state of Haryana with the objective to minimize the use of pesticide in Haryana by adopting Good Agricultural practices by ensuring environmental, economic and social sustainability.

As is well known that, fruits and vegetables are rich in vitamins, minerals and nutrients and highly beneficial for health. Fruits & Vegetables are generally cooked fresh and contain valuable fruits ingredients which are utilized by the body for its build up and repair. In India, vegetables are major constituents of diet, as the majority of Indians are vegetarians. With population growth the requirement of Fruits & Vegetables is drastically increasing. Several factors limit the productivity of Fruits & Vegetables, however, mainly insect pest and diseases are major cause of worry for the farmers.

Pesticides are common chemicals sprayed on the vegetables and other crops to avoid damage from various insects and pests and to get high yields from various agro produce. In Tropical countries like India, possibilities of pests are maximum due to hot and humid weather. The crops and agro produce can be significantly saved from insect and pest damage by using various pesticides. But due to poor awareness among growers, level and method adopted for using pesticides is unorganized, resulting in the health and safety risk for consumers and the environment, thus this scheme is devised with the following objectives:-

- 1 To make aware about the safe use of pesticides to horticulture farmers..
2. To promote Good Agricultural Practices & Organic way of farming.
3. To promote at economical & Effective alternates of chemical Practices.

To achieve the above objectives the following task shall be accomplished:

1. To promote Good Agricultural Practices in the use of insecticides, fungicides and herbicides and implement GAP component of the various schemes.
2. To promote organic farming in the State and to implement organic component of the various schemes.
3. To conduct seminar/workshop/trainings/awareness campaigns regarding awareness about ill-effect and to promote safe use of pesticides in mass.
4. To monitor Maximum Residual Limit of various pesticides being used in Fruits & Vegetables by collecting and analyzing samples at regular intervals.

The consumption of Fruits & Vegetables having high pesticide residue can cause adverse effects on the nervous system and also cause several hazardous diseases and other health problems. Under this scheme, continuous sampling shall be done in the State of Haryana to monitor the pesticides residue and on that basis effective measures shall be taken and following activities shall be taken during the year 2018-19:

- Seminar/Workshop /training/Expo
- Field Days/Awareness Camps/publicity through mass media
- Samplings of fruits, vegetable, soil, water etc.
- Demonstration of new technologies for insect traps etc. on 50% assistance.
- e-pest surveillance and advisory system in horticultural crops
- To provide 50% assistance for analysis of chemical residues/composition in fruits, vegetables and honey.
- To promote beneficial and harmful insect identification schools / programmes in Horticulture Crops.
- To provide insect identification kit to farmers on 90% assistance.
- To demonstrate, promote and provide food grade packaging material for fruits, vegetables and honey.

To achieve these targets adequate provisions for budget has been made as can be seen in the summary. Awareness programmes are very important to minimize the use of pesticides in crops, so provision of sufficient funds has made under schemes. A State level monitoring committee has also been constituted and regular meetings are being conducted and so far fifteen meetings have been done. The purpose of this committee is to monitor the current residue level in the samples taken for this purpose and make aware the farmers, traders and extension officers the ill effects of pesticides. It is also proposed to start e-post surveillance and advisory system in horticultural crop is assistance with NCIPM/ICAR to guide farmer about timing of insect incidence and their control measure. The scheme compacts shall be implemented in horticulture crops on horticulture crop cluster and Baagwani Villages and around 60% budget shall be kept for these Baagwani Villages and rest for other farmers and areas.

However, to run the scheme in an effective way in the Department during intervening period a provision of Rs. 30.00 lakhs under object head contractual services (69), Rs.5.00 lakhs under object head payment of Professional & Special Services (33) for hiring of staff to take samples and analysis thereon. For analysis of samples from laboratory and for other activities like awareness campaign and pheromone traps provision of Rs.90.00 lakhs has been

made. Pheromone traps sticky traps at subsidized rate shall be distributed to farmers for making them familiar with the insects and their use.

The headquarter of the scheme will be at Panchkula. The Director General Horticulture, Haryana, Panchkula will be the controlling officer of the scheme and Budget Officer will be Drawing and Disbursing Officer at the headquarter level; Principal, Horticulture Training Institute, Uchani (Karnal); Deputy Director Horticulture, Horticulture Bio-Technology Centre, Shamgarh (Karnal); Deputy Director, Centre of Excellence for Vegetables, Gharounda (Karnal); Deputy Director, Centre of Excellence for Fruits, Mangiana (Sirsa); Deputy Director, Centre of Sub-Tropical Fruits, Ladwa (Kurukshehra); Deputy Director, Centre of Excellence for Bees, Ram Nagar (Kurukshehra); Deputy Director, Technology Demonstration Centre for Guava, Bhuna (Fatehabad); Deputy Director Horticulture, Bhiwani, Gurgaon & Rohtak; Food Technologist, Kurukshehra, Sirsa & Jind; District Horticulture Officer, Ambala, Panchkula, Yamunanagar, Karnal, Kurukshehra, Kaithal, Panipat, Sonipat, Jhajjar, Faridabad, Fatehabad, Mewat, Palwal, Narnaul, Rewari, Hisar, Sirsa, Gurgaon, Rohtak, Bhiwani, Charkhi Dadri and Jind; Scientific Officer, Lab, Govt. Garden & Nursery, Gharounda (Karnal) & Govt. Garden & Nursery, Sirsa and Senior Most Subject Matter Specialist, TDC, Sewakheri (Panipat) will be Drawing and Disbursing Officer under this scheme. The total expenditure under this scheme will be Rs. 1,78,00,000/- for the year 2018-19.

The expenditure involved shall be debited to the following head of accounts: -

**“2401-Crop-Husbandry-119-Horticulture and Vegetable Crops (SB No.61): Plan Scheme for Good Agricultural Practices and Effect of Pesticide Residue on Fruits & Vegetables for the year 2018-19.**

It is therefore, requested to accord administrative-cum-financial sanction with staff for this Scheme.

(Ashok Kaushik)  
Budget Officer,  
for Director General Horticulture, Haryana

Endst. No. B-III/GPA(P)2/14/VIII/

Dated, Panchkula, the: -

A copy is forwarded to the Additional Chief Secretary to Govt. Haryana, Finance Department for information and necessary action.

(Ashok Kaushik)  
Budget Officer,  
for Director General Horticulture, Haryana

**STATEMENT OF COST IN RESPECT OF “2401-CROP-HUSBANDRY-119-  
HORTICULTURE AND VEGETABLE CROPS (SB NO.61): PLAN SCHEME FOR  
GOOD AGRICULTURAL PRACTICES AND EFFECT OF PESTICIDE RESIDUE ON  
FRUITS & VEGETABLE FOR THE YEAR 2018-19.**

**HEADQUARTER LEVEL**

1. One Deputy Director (Plant Protection) @ Rs.15600-39100 (GP-5400) (Level-10)
2. One Soil Specialist @ Rs.9300-34800 (GP-4600) (Level-7)
3. One Junior Scale Stenographer @ 5200-20200 (GP-2400) (Level-4)
4. One Peon @ Rs.4440-7440 (GP-1300) (Level-DL\*\*)

**FIELD LEVEL**

1. Two post of Scientific Officers @ Rs.9300-34800 (GP-4600) (Level-7)
2. Two Lab Attendant @ Rs.4440-7440 (GP-1300) (Level-DL\*\*)

**SUMMARY**

(Rs. in lakhs)

<b>Code No.</b>	<b>Component</b>	<b>Amount</b>
01	Salaries	12.50
03	Dearness Allowance	1.00
04	Travel Expenses	0.50
11	Subsidies	22.00
24	Material & Supplies	1.00
33	Professional & Special Services	5.00
34	Other Charges	90.00
47	Store & Equipment	15.00
67	Medical Reimbursement	1.00
69	Contractual Services	30.00
	<b>Total</b>	<b>178.00</b>

B.M. 2

Paragraph 5,2,3,5,3,6,4,5,4,6,4,7,4,8,4.11,5.17, (ii) (a) and Appendix H

ANNEXURE-I

FORM BM2

MAJOR HEADD

(Rs. In lakhs)

Code No.	Major Head SUB MAJOR HEAD STANDARD OBJECT OF EXPENDITURE	Budget 2017-18	Accounts 2015-16	Actual of previous year 2016-17 for last 6 month	Actual of current year 2017-18 for first 6 months	Revised estimated 2017-18 proposed by Head of Deptt.	Budget Estimate 2018-19 Proposed by Head of Deptt.
01	Salary	12.00	8.57	5.47	4.40	10.00	12.50
03	Dearness Allowance	1.00	7.12	0.95	4.61	0.50	1.00
04	Travel Expenses	1.00	0.98	0.50	0	0.50	0.50
11	Subsidy	22.00	8.00	10.35	0	22.00	22.00
19	Machinery & Equipment	15.00	0	9.29	0	6.00	0.00
24	Material & Supplies	5.00	1.47	0	0	1.00	1.00
33	Payment for Professional Special Services	10.00	0	0	0	0	5.00
34	Other Charges	73.00	31.02	38.13	4.48	73.00	90.00
47	Store and equipment	0	0	0	0	0	15.00
67	Medical Reimbursement	1.00	0.09	0.62	0	1.00	1.00
69	Contractual Services	10.00	4.37	0	0	10.00	30.00
86	Training	0	2.90	2.39	0.45	0.00	0.00
	<b>Total</b>	<b>150.00</b>	<b>65.52</b>	<b>67.70</b>	<b>13.94</b>	<b>124.00</b>	<b>178.00</b>