

From

Director General Horticulture,
Haryana, Panchkula.

To

The Principal Secretary to Govt. Haryana,
Agriculture Department

Memo No. Hort. B-IV/MI/3/1/39/

Dated, Panchkula, the: -

Subject: - 2401-Crop Husbandary-119-Horticulture & Vegetable Crops (SB No. 72): Central Plan Scheme on Micro Irrigation Programme of Per Drop More Crop (PDMC) (Sharing Basis, Part-II) for the year 2018-19.

It is continuing Central Plan Scheme. The scheme was started in the year 2005-06. In the year 2017-18, there was a budget provision of Rs. 8880.00 lakhs (Center Share: Rs. 4400.00 lakhs and State Share: Rs. 4480.00 lakhs) and scheme was sanctioned by State Govt. vide memo No. 1406-Agri.II(5)-2017/6905 dated 16.05.2017.

For the year 2018-19 in above scheme head following budget outlay has been approved by the Finance Department:

| Sn. | Minor Heads | State Share provision (Rs. in lacs) | GOI share provision (Rs. in lacs) | Total (Rs. in lacs) |
|------------|----------------------|--|--|----------------------------|
| 1 | Grant-in-aid | 7415.00 | 7317.00 | 14732.00 |
| 2 | Salary & Contingency | 160.00 | 0 | 160.00 |
| | Total | 7575.00 | 7317.00 | 14892.00 |

The scheme shall be implemented as per norms & guidelines of Govt. of India and State Govt. policy. The funds are released by Govt. of India directly to the Finance Department and Finance Department shall release the funds both for GOI share and corresponding State share to Department. The funds shall be drawn through treasury as Grant-in-Aid.

IMPACT OF MICRO IRRIGATION

Although water is a renewable resource, its availability in appropriate quality and quantity is under severe stress due to increasing demand from various sectors. Agriculture is the largest user of water, which consumes more than 80% of the country's exploitable water resources. The overall development of the agriculture sector and the intended growth rate in GDP is largely depending on the judicious use of the available water resources. While the irrigation projects (major and medium) have contributed to the development of water resources, the conventional methods of water conveyance and irrigation, being highly inefficient, has led not only to wastage of water but also to several ecological problems like water logging, salinization and soil degradation making productive agricultural lands unproductive. It has been recognized that use of modern irrigation methods like drip and sprinkler irrigation is the only alternative for efficient use of surface as well as ground water resources. Hence, this scheme on Micro Irrigation aims at increasing the area under methods of irrigation viz. under drip and sprinkler irrigation system.

OBJECTIVES: -

1. To reduce the over exploitation of available water resources including ground water.
2. To reduce the cost of cultivation, weed problems, soil erosion.
3. To increase the water, electricity and fertilizer use efficiency.
4. To impact the performance of related sectors viz. irrigation and water resource, fertilizer, power, banking, agriculture, forest and environment, petroleum and petrochemical.

Area coverage under Micro Irrigation Scheme (Horticulture & Agriculture Crops)

| Sn. | Year | Area covered during the year (ha) | Cumulative Area (ha) |
|-----|---------|-----------------------------------|----------------------|
| 1. | 2006-07 | 2676 | 2676 |
| 2. | 2007-08 | 7776 | 10452 |
| 3. | 2008-09 | 22309 | 32761 |
| 4. | 2009-10 | 3258 | 36019 |
| 5. | 2010-11 | 9154 | 45173 |
| 6. | 2011-12 | 8712 | 53885 |
| 7. | 2012-13 | 6559 | 60444 |
| 8. | 2013-14 | 6364 | 66808 |
| 9. | 2014-15 | 3400 | 70208 |
| 10. | 2015-16 | 3116 | 73324 |
| 11. | 2016-17 | 5965 | 79289 |
| 12. | 2017-18 | 4524 | 83813 |

It is very clear from the above table that area coverage under micro irrigation system in MI Scheme is increasing over the last eleven years. The area under micro irrigation which was 2676 ha. upto 2006-07 has been increased to 83813 ha. by the end of 2017-18.

Annual Action Plan on Micro Irrigation Programme as per 60:40 (Centre:State) sharing basis

To cover more area under drip system, mini sprinkler and portable sprinkler in Horticulture & Agriculture Crops, an Annual Action Plan of micro irrigation programme under Per Drop More Crop (PMKSY) has prepared on the ratio of 60:40 share of Centre and State as per instructions of the Ministry of Agriculture, Govt. of India. It is further informed that for 2018-19, an amount of Rs.17698.00 lakh has been proposed and submitted to GOI for approval. Out of which Rs. 8606.67 lakh will be Central Share and Rs. 9091.33 lakh State share, but it includes subsidy on SCSP. The summary of Action Plan is as follow:

| Haryana | | | | | | | |
|---|---|--------------------------|----------------------|------------------------|-----------------------------------|---|-----------------------------|
| Annual Action Plan as per 60:40 (Centre:State) sharing basis | | | | | | | |
| Per Drop More Crop under PMKSY- AAP : 2018-19 (Agriculture + Horticulture) | | | | | | | |
| COMPONENT WISE SUMMARY | | | | | | | |
| | Component | Physical (Ha.) | GOI Share (₹ in lac) | State Share (₹ in lac) | Admn. Cost @ 5% on GOI (₹ in lac) | Total GOI Share including Admn. Cost (₹ in lac) | Total Assistance (₹ in lac) |
| a | Horticulture Crops | | | | | | |
| | Drip | 3400 | 759.14 | 887.21 | 37.96 | 797.09 | 1684.30 |
| | Mini Sprinkler * | 7000 | 1742.47 | 2068.29 | 87.12 | 1829.60 | 3897.89 |
| | Sub Total | 10400 | 2501.61 | 2955.50 | 125.08 | 2626.69 | 5582.19 |
| | Salary & allow. | | | 160.00 | | | 160.00 |
| | Human Resource Development & Media | | | | | | |
| | Training of stake holders (Outside the State) | 01 no. (10 participants) | | | 5.00 | 5.00 | 5.00 |
| | Exposure visit of stake holders (Outside India) | 01 no. (3 participants) | | | 4.64 | 4.64 | 4.64 |
| | Study tour of technical staff/field functionaries | 01 no. (05 participants) | | | 5.00 | 5.00 | 5.00 |
| | Workshop (State level event) | 01 no. | | | 3.00 | 3.00 | 3.00 |
| | Workshop (District level event) | 22 nos. | | | 22.00 | 22.00 | 22.00 |
| | Awareness/Publicity Creation | 100 nos. | | | 22.00 | 22.00 | 22.00 |
| | Total | 10400 | 2501.61 | 3115.50 | 186.72 | 2688.33 | 5803.83 |
| b | Agriculture Crops | | | | | | |
| | Drip | 2000 | 644.93 | 729.97 | 32.25 | 677.18 | 1407.14 |
| | Portable Sprinkler | 20000 | 1354.75 | 1491.18 | 67.74 | 1422.49 | 2913.66 |
| | Mini Sprinkler | 10000 | 2489.22 | 2954.68 | 124.46 | 2613.68 | 5568.36 |
| | Exposure visit of stake holders (Outside India) | 01 no. (3 participants) | | | 5.00 | 5.00 | 5.00 |
| | Other Intervention | 10000 | 1200 | 800.00 | 0.00 | 1200.00 | 2000.00 |
| | Total | 42000 | 5688.90 | 5975.82 | 229.45 | 5918.35 | 11894.17 |
| | G.Total (a+b) | 52400 | 8190.51 | 9091.33 | 416.17 | 8606.67 | 17698.00 |
| | | | GOI Share (₹ in lac) | State Share (₹ in lac) | | | Total (₹ in lac) |
| | Budget Outlay Approved (2018-19) in State Budget | | 8711.00 | 8987.00 | | | 17698.00 |
| | AAP 2018-19 (Summary) | | | | | | |
| | Budget Outlay Approved (2018-19) in State Budget | | GOI Share (₹ in lac) | State Share (₹ in lac) | | | Grand Total |
| | Per Drop More Crop (PDMC) | General | 7317.00 | 7575.00 | | | 14892.00 |
| | | SCSP | 1394.00 | 1412.00 | | | 2806.00 |
| | | Total | 8711.00 | 8987.00 | | | 17698.00 |

PATTERN OF ASSISTANCE

Micro Irrigation covers various micro irrigation systems like drip irrigation system, mini sprinkler system, portable sprinkler system etc. The assistance for these systems is to be provided as per guidelines of Govt. of India and State policy. Which is 55% for small and marginal farmers and 45% for other farmers. State Govt. provides 15% extra assistance to all general farmers and 30% extra assistance to SC farmers. The assistance is limited to five ha. per beneficiary family. State Govt. provide extra subsidy upto 85% and also without any area limit specially in critical & over exploited blocks. The scheme will cover all categories of farmers. The expenditure on salary and allied sub heads of staff and other contingent expenditure will be met from State Plan Ceiling. The scheme is being implemented through Implementing Agency (IA) at district level under guidelines of Govt. of India.

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 (Kurukshetra); Deputy Director, Centre of Excellence for Bees, Ram Nagar (Kurukshetra); Deputy Director, Technology Demonstration Centre for Guava, Bhuna (Fatehabad); Deputy Director Horticulture, Bhiwani, Gurgaon & Rohtak; Food Technologist, Kurukshetra, Sirsa & Jind; District Horticulture Officer, Ambala, Panchkula, Yamunanagar, Karnal, Kurukshetra, 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 expenditure will be met out under the head: -

“2401-Crop-Husbandry-119-Horticulture and Vegetable Crops
(SB No. 72) Scheme on Micro Irrigation Programme of Per Drop More
Crop (PDMC) (Sharing Basis) for the year 2018-19 (CSS Plan)”

It is, therefore, requested to kindly accord administrative-cum-financial-sanction of the scheme for an amount of Rs. 14892.00 lakhs as State Share.

Encl: - As above.

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

Endst. No. Hort. B-IV/MI/3/1/IX/

Dated, Panchkula, the: -

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

Encl: - As above.

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

Endst. No. Hort. B-IV/MI/3/1/IX/

Dated, Panchkula, the: -

A copy is forwarded to Under Secretary (Horticulture), Ministry of Agriculture, Department of Agricultural & Co-operation, Krishi Bhawan, New Delhi for information and necessary action.

Encl: - As above.

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

STATEMENT OF COST IN RESPECT OF CENTRAL PLAN SCHEME ON MICRO IRRIGATION PROGRAMME OF PER DROP MORE CROP (PDMC) IN HORTICULTURE DEPARTMENT FOR THE YEAR 2018-19 (SHARING BASIS) (SB No.72)

HEADQUARTER LEVEL

1. Deputy Director Horticulture (MI) in the Pay Band 15600-39100+Grade Pay 5400 (Level-10).
2. One Plasticulture Specialist in the Pay Band 9300-34800+Grade Pay 4600 (Level-7).
3. One Technical Assistant (MI) in the Pay Band 9300-34800+Grade Pay 4200 (Level-6).
4. One Deputy Superintendent in the Pay Band 9300-34800+Grade Pay 4000 (Level-6).

FIELD LEVEL

1. Twenty Horticulture Development Officer (Plasticulture) in the Pay Band 9300-34800+Grade Pay 4200 (One in each Districts) (Level-6)

SUMMARY

(Rs. in lakhs)

| Code No. | Component | Amount |
|-----------------|---------------------------------|-----------------|
| 01 | Salary | 25.00 |
| 03 | Dearness Allowance | 3.00 |
| 04 | Traveling Expenses | 1.00 |
| 09 | Grant-in-aid (State Share) | 7415.00 |
| 33 | Professional & Special Services | 20.00 |
| 67 | Medical Reimbursement | 0.50 |
| 69 | Contractual Services | 110.00 |
| 70 | L.T.C. | 0.50 |
| | Total | 7575.00 |
| 09 | Grant-in-aid (Centre Share) | 7317.00 |
| | Grand Total | 14892.00 |

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 HEAD****(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 | 17.00 | 8.05 | 5.24 | 12.51 | 24.25 | 25.00 |
| 03 | Dearness Allowance | 2.00 | 9.14 | 0.53 | 0.57 | 2.00 | 3.00 |
| 04 | Travel Expenses | 3.00 | 0.16 | 0 | 0.04 | 0.75 | 1.00 |
| 09 | Grant-in-aid | 8772.00 | 4061.01 | 4470.07 | 0 | 2580.75 | 14732.00 |
| 33 | Professional & Special Services | 7.00 | 5.23 | 0 | 2.53 | 8.00 | 20.00 |
| 67 | Medical Reimbursement | 2.00 | 1.47 | 0.36 | 0 | 0.50 | 0.50 |
| 69 | Contractual Service | 75.00 | 1.00 | 13.59 | 1.68 | 52.50 | 110.00 |
| 70 | Leave Travel Concession | 2.00 | 1.00 | 0 | 0 | 0.50 | 0.50 |
| | Total | 8880.00 | 4087.06 | 4489.79 | 17.33 | 2669.25 | 14892.00 |