



**DEPARTMENT OF HORTICULTURE**  
**HIMACHAL PRADESH**

# **Guidelines for Implementation of Mukhya Mantri Greenhouse Renovation Scheme (MMGRS) 2018-19**



**DEPARTMENT OF HORTICULTURE**  
**NAVBAHAR, SHIMLA- 2, H.P.**

## **Introduction**

In this era of transformation from traditional subsistence agriculture to commercial, it is obligatory to consider the profitability of high value crop culture (flowers and exotic vegetables), which certainly depends upon the genetic potential, crop productivity, quality and timing of growing the crops. Protected cultivation has been acknowledged as one of the most viable diversification option for improved farm productivity and sustained farm incomes. Protected cultivation being the precise, intensive and advanced technology provides technical solution to the challenges of hilly terrain, small & fragmented land holdings (87%- Marginal and Small farmers), uncertain and harsh climatic conditions, wild animal menace, changing food habits of people, increased awareness for quality food and nutritional security.

Polyhouse or greenhouse structures enable farmers to make best use of the sunlight and other inputs allowing extended productive season of the crop. Production of high quality crops with high productivity to full exploitation of genetic potential are salient features of polyhouse cultivation. Most of the farmers in Himachal Pradesh are installing poly houses for off-season vegetable & quality flowers production. Round the year occupancy of poly houses with high value cash crops like tomato, capsicum and cucumber during summers and lettuce, spinach and coriander during winters and with the commercial high value flowers viz. carnations, gerbera, lillium, roses in various agro climatic zones of Himachal Pradesh is helping farmers to maximize the crop intensity as well as ensuring them remunerative returns.

Protected cultivation of high value crops offers many advantages to the farmers which are summarized as below:

- Higher productivity and better quality of produce.
- Cultivation of cash crops under protective cover will provide safeguard against adverse weather conditions and will enhance life span of crops.
- Better adoption of precision farming practices like precision planting/seeding, fertigation, micro-irrigation, weed management, pest and disease management etc.
- Efficient inputs use and reduction in cost of production.
- Conservation of scarce resource i.e. water - achieving high water use efficiency.
- Easy to adopt organic farming practices which are eco friendly and availability of safe clean food products with full traceability.

- Year-round production, allowing farmers to take advantage of market seasonality and higher prices
- Farmers can advance/delay and segregate production of cash crops as per market demand.
- Safeguard against impact of biotic and abiotic stresses.
- Better adoption of integrated crop management methods in the controlled conditions to maximize the benefits of greenhouse cultivation.

### **Scope of the Scheme**

The strength of the horticulture industry of Himachal Pradesh lies in the comparative advantage of diverse agro-climatic conditions, which provide vast potentialities for its development. The Government of Himachal Pradesh treats horticulture a priority area in the development plans. It is matter of great satisfaction that as a result of the pragmatic policies adopted by the State Government and the unequivocal adoption of the development programmes by the farmers, the State has achieved a transformation in the horticulture sector.

In Himachal Pradesh, during the year 2003-04, Govt. of India launched a Centrally Sponsored Scheme (CSS) on Technology Mission for Integrated Development of Horticulture North East States, Himachal Pradesh and Utrakhand (TMNE), for the holistic development of horticulture industry. Besides Productivity enhancement programmes, the cultivation of high value crops under poly houses was also promoted amongst the farmers. Keeping in view the great potential of protected cultivation technology in hilly State of Himachal Pradesh, this programme was immediately adopted by the farmers and picked up momentum due to subsidy support.

This technology of protected cultivation on one side has largely helped the farmers of the State to uplift their economic and social status but simultaneously on the other hand it is subjected to various constraints. Some of these are – High cost of polyhouse construction, high cost of cultivation including planting material and most importantly the risk of the structure being damaged due to natural calamity and need for replacement of old Polysheet in the existing polyhouses. However, the former two have been addressed in the on-going schemes of the Department but no support has yet been provided against the damage caused to the polyhouse structures due natural calamities like torrential rains, heavy snowfall, sharp winds and hail storms etc. which most easily tear apart the cladding material of the polyhouse.

Department of Horticulture has been providing assistance to the farmers for the establishment of polyhouses in the State under the scheme HTM/HMNEH/MIDH since 2003. Till date approximately 14,44,879 sq. mtr. area has been brought under polyhouses/shadenet houses in Himachal Pradesh under HTM/HMNEH/MIDH in various districts of the State mainly Shimla, Sirmour, Solan, Una, Kullu, Hamirpur, Bilaspur, Mandi, Kangra and to a lesser extent in Chamba, Lahaul & Spiti and Kinnaur.

Keeping in view the damage caused to the polyhouse structure due to natural calamities and losses incurred by the farmers, the Govt. of Himachal Pradesh has launched a scheme named – Mukhya Mantri Greenhouse Renovation Scheme (MMGRS) (FY 2017-18) in order to provide support to such farmers. Under this scheme, assistance was being provided to the polyhouse farmers @ 50% maximum subject to Rs. 32/- per sq. mtr. for replacement of Polysheet after at least five years of polyhouse construction or damaged due to natural calamities. The scheme was implemented by the Department of Agriculture only.

However, with the vision to provide additional benefit to the farmers under the scheme and to cover the large number of greenhouse growers, the state Government has recently announced to raise the rate of assistance to 70% and has also allocated funds to the Department of Horticulture for the year 2018-19.

### **Guidelines for implementing the Mukhya Mantri Greenhouse Renovation Scheme (MMGRS) through Deptt. of Horticulture, H.P.**

1. Under this scheme, **70% assistance for the replacement of polysheet subject maximum to Rs. 44.80/- per sq. mtr. as back-ended subsidy** would be available to the individual beneficiaries (i.e. Farmers) who are engaged in greenhouse cultivation of high value flowers and vegetable crops.

Sr. No.	Name of activity	Cost Norms (Rs. per square meter)	Rate of Assistance	Maximum Amount of Assistance (Rs. per square meter)
1	Replacement of polysheet of damaged / five or more year old polyhouse	64.00	70 %	44.80

2. Under the Scheme assistance would be provided only for the replacement of polysheet of 5 years old polyhouses or polysheet of polyhouses reported damaged due to natural calamities previously constructed under centrally sponsored schemes implemented by the Department of Horticulture, H.P.
3. Only bonafide farmers of Himachal Pradesh shall be eligible for availing assistance under the scheme.
4. The area for replacement of poly sheet should be maximum 1000 sq. mtr. only per beneficiary in first instance and may be extended maximum upto 4000 sq. mtr. per beneficiary if budget is available and there is no demand by other polyhouse farmers.
5. No subletting/ lease/sale or transfer of Polyhouse shall be allowed. The beneficiary is also required to give an affidavit in this regard.
6. The beneficiary shall have to ensure the production of crops at his own cost at the time of submission of project proposal under the scheme. No benefit shall be provided for the renovation of abandoned polyhouses under this scheme.
7. The 100% Replacement of poly sheet is eligible for five & more years old polyhouse however the partially damaged portion of poly sheet only has to be replaced which is to be authenticated by the field officials/officers of Horticulture Department supported by photographs & documents.
8. The field officer (HEO/HDO) shall conduct an inspection of the site to record the damage and will register a detailed damage report in the register at his office duly supported by photographs. The damage report shall be enclosed while forwarding the case for work order/sanction to the concerned DDH/SMS.
9. The concerned Subject Matter Specialist (Hort) will physically verify 100% of cases before submitting the cases to the DDH. The concerned DDH will physically inspect at least 25 % of the cases prior to the release of the subsidy.
10. The execution of the polyhouse renovation scheme shall be done by the beneficiary at his own level after getting due sanction/work order from the concerned DDH/SMS and as per the quality standards already followed for polyhouse construction under MIDH. The beneficiary shall submit his claim of back-ended subsidy to the concerned HEO/HDO after completion of the renovation work.

11. The Department reserves the right to accept or reject the project proposals or restrict the approval of the project proposal subject to the availability of funds with the department. The decision of Department of Horticulture, H.P. shall be final in this regard.

**Application Form for Availing Assistance under Mukhya Mantri Greenhouse Renovation Scheme (MMGRS)**

To Deputy Director of Horticulture, Category: .....  
Distt. \_\_\_\_\_ Himachal Pradesh, F.Y.: .....

**Subject - Project Proposal for Availing Assistance Under Mukhya Mantri Greenhouse Renovation Scheme (MMGRS).**

Sir,  
I/we \_\_\_\_\_ S/o, D/o, W/o Sh. \_\_\_\_\_ age \_\_\_\_\_ category Gen/SC/ST/OBC, contact number \_\_\_\_\_ permanent resident of Village \_\_\_\_\_ PO \_\_\_\_\_ Tehsil \_\_\_\_\_ Distt. \_\_\_\_\_ intend to avail assistance under Mukhya Mantri Greenhouse Renovation Scheme (MMGRS) on my/ our land/orchard/polyhouse at Village \_\_\_\_\_ PO \_\_\_\_\_ Tehsil \_\_\_\_\_ Distt. \_\_\_\_\_ HP.

I/we shall feel obliged if the assistance on the component- replacement of polysheet is granted under MMGRS. The proposals/cost estimates for each component are attached.

1. Location/ address of the orchard/greenhouse:-
2. Total land owned by the beneficiary (in Ha):-  
Proof of land ownership (kisan pass book/jamabandi/tatima/certificate from the revenue officer)
3. Type of land: - irrigated/non irrigated: ..... Source of irrigation .....
4. Horticulture crops grown in the greenhouse: .....
5. Details of accessibility of the orchard/farm/greenhouse:.....
6. Date/year of greenhouse construction & release of assistance: .....
7. Name of scheme under which greenhouse was constructed: HTM / HMNEH / MIDH / RKVY
8. Type of polyhouse: ..... Size of the polyhouse: .....
9. Area of polysheet to be replaced:.....
10. Total cost estimate Rs. \_\_\_\_\_ of the proposal submitted under MMGRS.

1. I/we certify that the particulars furnished above by me/us are true to the best of my/our knowledge and belief that nothing has been concealed there in.

2. I/We give an undertaking to the effect that the Department of Horticulture or other authorized agencies shall have the right to inspect the material purchased/quality of the material and work done.

3. In case of miss utilization or non utilization of assistance in whole or part, I/we undertake to refund the amount of assistance granted to me/us in full and in lump-sum along with the interest at the prevailing Bank rates thereon.

Yours Faithfully,

Name and Address of the Applicant

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Application along with project proposal/relevant documents for assistance to the extent of Rs. \_\_\_\_\_ is Forwarded to the Deputy Director of Horticulture Distt. \_\_\_\_\_, Himachal Pradesh for consideration and onward transmission to the Dy. Director of Horticulture, Himachal Pradesh.

Horticulture Development Officer,  
Dev. Block/ Ext. Centre .....  
Distt. ...., HP

Subject Matter Specialist(Hort)  
Dev. Block.....

Approved/ Recommended  
Dy. Director of Horticulture /SMS (Hort.) ..... Distt. .... HP

**Damage Report of Polyhouse for Availing Assistance under Mukhya Mantri  
Greenhouse Renovation Scheme (MMGRS)**

1. Name and address of the polyhouse farmer:
2. Contact Number:
3. Category of farmer: General / SC / ST / OBC
4. Type of polyhouse:
5. Size of polyhouse:
6. Year of establishment of polyhouse/ release of assistance:
7. Name of scheme under which assistance was provided:
8. Crops grown in the polyhouse:
9. Area of the polysheet damaged:
10. Cause of the damage/ type of natural calamity:
11. Area of the polysheet to be replaced:
12. Estimated cost of the damage:
13. Date of inspection:
14. Photographs attached:
15. Recommendation: After thorough inspection, the case of polysheet replacement of ..... sq. mtr. polysheet area of the above polyhouse for assistance under MMGRS is recommended / not recommended.

**Name and designation of the inspecting official/officers (with Seal)**

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