

Horticulture Department

Cost Norms & Guidelines
of
Crop Production Components
under
Departmental Schemes
(IHD, MIDH & SCSP)
2024-25



Department of Horticulture

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By-email

HORTICULTURE DEPARTMENT, HARYANA

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Memo no./Hort./62/I/IHD/2024-25/14719-40 Panchkula, the Dated: 28.06.2024

To

All District Horticulture Officers,
In the State.

Subject: Annual Action Plan under Plan Scheme for Integrated Horticulture Development (IHD-65) for the year 2024-25.

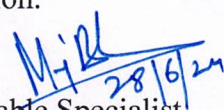
Refer to the subject as cited above, find enclosed here with the Annual Action Plan under IHD Scheme (SB-65) subsidy head-11 for the year 2024-25 which attached at **Annexure-I (a to I)** including committed liability of 2023-24 alongwith norms and guidelines of Crop Production Components under IHD, SCSP & MIDH which was already circulated vide directorate memo. No. Hort./62/I/IHD/2023-24/9691-12 dated 12.04.2023 attached at **Annexure-II**. The district wise budget allotment under the scheme for subsidy Head-11 is attached at **Annexure-III**.

Further, all DDOs/DHOs in the State are directed to:

1. To achieve the 100% targets as per norms & guidelines of the scheme.
2. Committed Liability 2023-24:
 - a. The expenditure of committed liabilities of 2023-24 may be utilized from the budget released for the year 2024-25 under the scheme Head-11.
 - b. Concerned DDOs/DHOs have to ensure the work has been completed in all respects as per norms & guidelines of the scheme prior release of subsidy under committed liability-2023-24. In case of negligence concerned DDOs/DHOs will be held responsible.
 - c. Concerned DDOs/DHOs shall submit the component wise detail of all beneficiaries in the prescribed performa already circulated.

This is for information and further necessary action.

Encl: As above

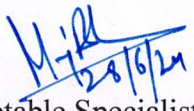

Vegetable Specialist
for Director General Horticulture,
Haryana, Panchkula

Memo no./Hort./62/I/IHD/2024-25/14719-55 Panchkula, the Dated: 28.06.2024

A copy is forwarded to:

1. ADH/HQ & JDH-cum-Principal HTI, Karnal for information and necessary action please.
2. JDH/N, JDH/HQ & JDH/PHM in this directorate for information and further necessary action with request to ensure the implementation of norms & guidelines of concerned related components of the scheme being nodal officer.
3. All DDHs/Field/Centers in the State for information and necessary action please.

Encl: As above


Vegetable Specialist
for Director General Horticulture,
Haryana, Panchkula

Memo no./Hort./62/I/IHD/2024-25/ 14756 Panchkula, the Dated: 28.06.2024

A copy is forwarded to Budget Officer in this Directorate with request to release the budget as per **Annexure-III** to all DDOs/DHOs immediately under IHD scheme (SB-65) subsidy head-11. This is for information and further necessary action.

Encl: As above


28/6/24

Vegetable Specialist

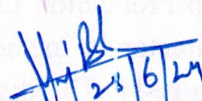
for Director General Horticulture,

Haryana, Panchkula

Memo no./Hort./62/I/IHD/2024-25/ 14757 Panchkula, the Dated: 28.06.2024

A copy is forwarded to JDH/HQ in this directorate with request to upload the targets of IHD Scheme as per **Annexures-I (a to I)** on the scheme portal. This is for information and further necessary action please.

Encl: As above


28/6/24

Vegetable Specialist

for Director General Horticulture,

Haryana, Panchkula

Crop Production:2023-24

Cost Norms, Guidelines & Specifications (MIDH, IHD & SCSP Scheme: 2023-24)

A. Cost Norms & Pattern of Assistance

1. Area Expansion of Fruits (establishment of new orchards-vegetatively propagated plants except papaya):

Sn.	Component	Unit	Unit Cost (in Rs.)	Subsidy %	Diversification from paddy to orchard Subsidy Amount (in Rs.)	General Area Subsidy amount (in Rs.)
	1	2	3	4	5	6
Category -1	Normal Plantation (6mx7m & above): As per recommendation (mango, ber, chiku, litchi, aonla, pear, peach, plum and bael)	Ha.	162500	50	Total Rs. 81,250 (1 st yr. Rs. 48,750) (2 nd yr. Rs. 16,250) (3 rd yr. Rs. 16,250)	Total Rs. 63,750 (1 st yr. Rs. 31,250) (2 nd yr. Rs. 16,250) (3 rd yr. Rs. 16,250)
Category -2	High density Plantation (6mx6m & below): As per recommendation (mango, guava, citrus group, pomegranate, peach, plum, pear, grape, fig)	Ha.	250000	50	Total Rs. 1,25,000 (1 st yr. Rs. 75,000) (2 nd yr. Rs. 25,000) (3 rd yr. Rs. 25,000)	Total Rs. 1,07,500 (1 st yr. Rs. 57,500) (2 nd yr. Rs. 25,000) (3 rd yr. Rs. 25,000)
	Banana & Papaya				Total Rs. 1,25,000 (1 st yr. Rs. 93,750) (2 nd yr. Rs. 31,250)	Total Rs. 1,07,500 (1 st yr. Rs. 76,250) (2 nd yr. Rs. 31,250)
	Strawberry				-	1,07,500 (In one installment)
Category -3	Trellising system for horticulture crops: (especially for pomegranate, guava and grapes etc.)	Ha.	350000	50	1,75,000	1,75,000
Category -4	Normal Plantation (8mx8m & above): (for tissue culture dateplam)	Ha.	500000	70	Total Rs. 3,50,000 (1 st yr. Rs. 2,10,000) (2 nd yr. Rs. 70,000) (3 rd yr. Rs. 70,000)	

2. Vegetable Cultivation and Staking:

Sn.	Component	Unit	Unit Cost (in Rs.)	Subsidy %	Subsidy Amount (in Rs.)
	1	2	3	4	5
1.	Vegetable cultivation (hybrid/non hybrid)	Ha.	75000	50% (General) 85% (SCSP)	37500/- (General) 63750/- (SCSP)
2.	Bamboo staking in vegetable cultivation	Ha.	156250	50% (General) 75% (Shivalik) 85% (SCSP)	78125/- (General) 117187/- (Shivalik) 132812/- (SCSP)
3.	MS iron staking in vegetable cultivation	Ha.	352500	50% (General) 85% (SCSP)	176250/- (General) 299625/- (SCSP)

* Shivalik districts: Panchkula, Ambala and Yamunanagar.

3. Seed Production for Vegetable and Spices for Open Pollinated Crop:

Sn.	Component	Unit	Unit Cost (in Rs.)	Subsidy %	Subsidy Amount (in Rs.)
	1	2	3	4	5
1.	Seed Production Programme for open pollinated vegetables and spices	Ha.	75,000	50	37,500

4. Rejuvenation/Replacement of Senile Plantation including Canopy Management (mango, ber, kinnow, guava etc.).

Sn.	Component	Unit	Unit Cost (in Rs.)	Subsidy %	Subsidy Amount (in Rs.)
	1	2	3	4	5
1.	Rejuvenation/ Replacement of Senile plantation including canopy management	Ha.	40,000 (Rs 145/tree)	50%	20,000 (Rs 72.5/tree)

5. Area expansion of Spices, Aromatics & Flowers:

Sn.	Components	Unit	Unit Cost (in Rs.)	Subsidy %	Subsidy Amount (in Rs.)
	1	2	3	4	5
1	Spices				
a	Spices cultivation	Ha.	75000	50	37500
b	Prioritized spices (garlic, turmeric & ginger)	Ha.	150000	50	75000
2	Aromatics Plants				
	Aromatics Plants (Mentha, lemon grass, citronella grass)	Ha.	40000	40	16000
3	Flowers				
a)	Cut Flowers (cut rose, carnation, chrysanthemum, lilium & gerbera)				
i)	S & M Farmers	Ha.	100000	40	40000
ii)	Other Farmers	Ha.	100000	25	25000
b)	Bulbous Flower (gladiolus, liliiums, tube rose)				
i)	S & M Farmers	Ha.	150000	40	60000
ii)	Other Farmers	Ha.	150000	25	37500
c)	Loose Flowers (chrysanthemum annual, rose loose flowers, marigold)				
i)	S & M Farmers	Ha.	40000	40	16000
ii)	Other Farmers	Ha.	40000	25	10000

6. Mushroom cultivation

Sn.	Components	Unit	Unit Cost (in Rs.)	Subsidy %	Subsidy Amount (in Rs.)
	1	2	3	4	5
1.	Mushroom Trays	Tray	300	75%(Shivalik) 85% (SCSP)	225/- (Shivalik) 255/- (SCSP) per tray upto 100 tray
2.	Mushroom Trays (other than button mushroom)	Tray	300	50% (Gen.)	150/- (Gen.) per tray upto 100 tray
3.	Seasonal mushroom cultivation- Low-Cost thatched hut	No.	30000	75% (Gen.) 85% (SCSP)	22500/- (Gen.) 25500/- (SCSP) per unit

7. Solar Power and Electrical Fencing

Sn.	Components	Unit	Unit Cost per running mtr. (in Rs.)	Subsidy %	Subsidy Amount (in Rs.)
	1	2	3	4	5
1	Solar Power and Electrical Fencing				
	Solar Power electrical fencing with upper limit of 1500 running meter.	Running meter	700	50	350/-

Guidelines: 2023-24

For Implementation of Crop Production Components Under MIDH, IHD & SCSP Scheme-2023-24:

Norms and guidelines would be as per the GOI and State guidelines and norms fixed and issued from time to time. For implementation of schemes during 2023-24 said norms and guidelines shall remain applicable subject to revisions as indicated below. Following are the guidelines for providing subsidy on components under crop production components under MIDH, IHD & SCSP scheme 2023-24:

A. General Guidelines:

i. Land Ownership:

Only those Farmers &/or entrepreneur who are producers in Haryana State shall be eligible for availing assistance under the schemes. In case of non-ownership of land, the eligibility be guided as below:

a. For non-project-based activities and seasonal/annual crops:

The farmer shall be eligible to benefit under schemes for seasonal horticulture activities or annual vegetable/ spice/ flower/ aromatic crops (except perennial crops/ permanent structures/ projects). The beneficiary can be landowner, lease holder or tenant. The subsidy to beneficiaries, who are not landowners shall be given upon consent letter/ affidavit of landowners (**attached at Annexure-I**). In case of establishment of new orchard, a registered lease agreement between the parties for twenty years is required.

b. Seasonal horticulture activities are allowed to farmers on Panchayat land subject to agreement letter from the concerned Gram Panchayat on the proforma (**Annexure-I**) for vegetable / spice/ flower/ aromatic cultivation, plastic tunnel, plastic mulching, bamboo stacking in vegetables. Further, this benefit can only be given for seasonal activities of less than one-year duration. This shall not be applicable on perennial crops like orchard establishment and other permanent structures till the agreement of long lease as stipulated under the scheme guidelines. All other terms and conditions/ guidelines shall remain same.

c. If SC farmer taken land on lease, then subsidy will be released as per norms of general category farmer and Affidavit/ consent letter of landowner is mandatory for consideration/approval & sanction of cases.

ii. Maximum Limit:

a) In case of lease, the upper limit of area for subsidy shall remain only up to maximum limit for both landowner and leaseholder. That maximum limit against each component shall remain same and land/unit area of both owner and lessee shall be counted towards total maximum limit.

b) That a farmer has to increase and add additional area to avail maximum limit under the component, only then farmer shall be eligible for subsidy for additional area. For example, if a farmer has availed assistance on one acre in one year and in the next year he again wants to avail subsidy on one acre, in that case he/she

shall be eligible for assistance in next year only when he plant/sow the crop in 2 acres and so on upto maximum limit.

- iii. The targets of area expansion components shall not be decreased or surrendered.
- iv. The district level target allotted by the Directorate will further be divided block wise by the DHO in consultation with field staff and in view of the potential and response of local farmers.
- v. The benefit of component on same land shall not be repeated.
- vi. Farmers from out of cluster can apply directly to DHO concerned for availing assistance under any component.
- vii. Beneficiary should not be repeated.
- viii. No duplication of farmers for release of subsidy under any component.
- ix. Parivar Pehchan Patra (PPP) is the sole criteria for identification of family. Only one member from a family shall be eligible for assistance under the departmental scheme.
- x. The farmer who has taken assistance from any scheme of State or Govt. of India for the same component upto prescribed limit for same purpose shall not be eligible for any assistance.
- xi. All applications received during the current financial year shall be eligible for assistance as per the seniority list and as per norms and guidelines subject to availability of funds.
- xii. Assistance shall be available only for horticultural crops/components as per the GOI norms and state plan scheme guidelines.
- xiii. No administrative expenses should be incurred out of the funds released for subsidy.
- xiv. The criteria for selection of beneficiaries should be unambiguous clear and clear without any overlapping.
- xv. The expenditure should not exceed the budget allotment in any case.
- xvi. Launch a campaign to propagate the schemes as well as through local newspapers so that maximum farmers come forward to avail of the benefits.
- xvii. Every DHO will submit component wise progress report alongwith beneficiary list on 3rd day of every month to HQ with copy to concerned DDH/Field/Centre.
- xviii. Subsidy on plantation/cultivation would be admissible only to the beneficiary having as assured source of irrigation.
- xix. Component-wise guidelines are mentioned in next pages.

xx. Documents required:

i. For application sanction:

- a) Online applications on <http://hortnet.gov.in> portal.
- b) Parivar Pehchan Patra (PPP)
- c) Registration no. of MFMB portal
- d) Bank details (beneficiary name, bank name, IFSC code, Account no.)
- e) SC certificate if applicable.
- f) In case of lease, attach lease form in **Annexure-I**.
- g) Certificate from HDO/ Block Officer proof of area of horticulture crops as per **Annexure-II**.
- h) FPO recommendation letter in case of vegetable / spice/ flower/ aromatic cultivation, bamboo/ MS iron staking, mulberry, plastic tunnel, plastic mulching in **Annexure-III**. However, farmer who does not fall in the identify cluster not need of FPO recommendation letter.

B. Physical verification:

- i. HDO (Extension) will carry out 100% Farmer identification of the components under the schemes alongwith Mali of their respective blocks.
 - a) The 100% physical verification shall be conducted by concerned block HDO along with his block mali after completion of work in all respect upon intimation by the applicant beneficiary and recommended to DHO within 7 days. The performa of physical verification is enclosed at Annexure-IV. DHO can also add any technical member in the inspection if desires.
- ii. DHO must carry out 10% physical verification of the components under all the components.
- iii. Random physical verification shall be carried out by concerned DDH/Field/Centre by visiting the site at least once in fortnight in respective districts under their jurisdictions.
- iv. Random physical verification in districts can be carried out by HQ officers by visiting the site at least once in fortnight.
- v. GPS coordinate shall be taken of each and every site and to be mentioned in physical verification proforma attached.
- vi. Site photograph with beneficiary must be attached with physical verification report.

C. Release of subsidy:

i. Documents required:

- a) Site verification report (physical inspection report)
- b) Site photograph with beneficiary
- c) GPS coordinate.
- d) Bill/Invoice of material:
 - In case of vegetable/flower/spices/aromatic plants cultivation component the bill/ invoice of seed/planting material should be of respective sowing season of that crop.
 - In case of fruit plants:
 - The bill/invoice of planting material should be of accredited nursery/TC lab accredited from National Horticulture Board/competent authority or any nursery / Lab authorised by the department.
 - In case of tissue culture datepalm, the bill/invoice of planting material should be of accredited Tissue Culture Lab from Department of Bio-Technology (DBT), Govt. of India and copy of accreditation certificate alongwith bill/invoice of planting material is mandatory.
 - In case of solar powered electric fencing the bill/invoice alongwith e-way bill is mandatory. No subsidy on GST will be given.
 - In case of vegetable cultivation integrated with bamboo staking the bill/ invoice of bamboo material is mandatory.
 - The bill/ invoice of bamboo material used in low-cost thatched hut is mandatory.
 - Regarding bill/invoice for plastic mulching & plastic tunnel the norms & guidelines of protected cultivation circulated by P&N branch, HQ shall be followed.
- e) No subsidy on GST will be given.

f) In case of seed production programme, it is mandatory that private seed company at their own level will sign an agreement for seed production and buy back with the farmer.

g) Training certificate on mushroom cultivation issued by SAUs/State department/ICAR recognized Institute/Centre etc. or any institute registered with ASCI is mandatory for availing assistance under departmental schemes.

h) Subsidy is to be released per ha. or unit basis as the case may be. In cases where assistance is being sought on lesser or more area than that of one ha. or one unit than subsidy be released on pro-rata basis subject to maximum limit prescribed in guidelines under departmental schemes.

ii. In cash: DHO concerned will release subsidy in the Aadhar Seeded Bank Account of beneficiary directly through Direct Benefit Transfer (DBT) on the basis of physical verification after completion of work in all respects.

iii. In Kind: DHO Concerned will release subsidy in account of agency/firm authorized by Government/Department for the purpose and as per instructions issued time to time.

Component wise Guidelines: 2023-24

A. Area expansion of Fruits (vegetatively propagated plants except papaya):

- Maximum limit is 4 ha. per beneficiary.
- Subsidy shall be released in three instalments of 60:20:20 in three years subject to survival rate of 75% in 2nd year and 90% in 3rd year as mentioned in the table. In case of strawberry the subsidy will be released in one instalment. In case of papaya & banana subsidy shall be released in two instalments of 75:25 in two years subject to survival rate of 90% in 2nd year.
- For availing subsidy on MI System, farmers have to apply separately in MICADA and subsidy shall be provided by MICADA as per their norms and guidelines.
- For diversification of paddy to orchard only those farmers are eligible for assistance who had cultivated paddy last year and want to establish new orchard on the same land/ field during kharif season 2023.
- Subsidy shall be given in total (MIDH Schemes + top up share) at one go without splitting. Software shall do the calculation.
- Farmers are free to purchase planting material from any accredited nursery/TC lab conditionally that nursery/TC lab should be accredited from National Horticulture Board/competent authority or any nursery / Lab authorised by the department. List of accredited nurseries by NHB can be seen/downloaded from NHB website www.nhb.gov.in
- The detailed specifications of trellising system in pomegranate, guava, grape etc. are given at **Annexure-V** respectively.
- **In case of tissue culture datepalm plants:**
 - Farmers are free to purchase tissue culture datepalm plants from government institutions/ SAUs/ ICAR/ tissue culture laboratories accredited by Department of Bio-Technology (DBT), Govt. of India.
 - Assistance will not be provided on Date palm plantation on the boundary.
 - The criteria fixed during the physical verification is as follows:
 - The saplings should be fully secondary hardened (secondary hardened) and should be in final planting condition in the field.
 - The height of the plant should be at least 2 to 2.5 feet from the base of the stem to the tip.
 - The plant should have four healthy and big leaves (At four pinnate stage).
 - The stem of the plant should be of onion bulb shape (Chamant, Chamak, Batwood).
 - The root system of the plant should be fully developed.

B. Area expansion of vegetable

1. Vegetable cultivation

- This program will be implemented in all identified crop clusters with recommendation of the Farmer Producer Organizations (FPOs). However, farmer who does not fall in the identified clusters, can also avail subsidy on this component directly.
- **Maximum limit:** Under promotion of crop cluster IHD 2 ha. per beneficiary. Under SCSP 0.4 ha. per beneficiary.

- The subsidy on vegetable cultivation (non-hybrid/hybrid) shall be released only to those farmers who will integrate the cultivation with other components viz. vegetable cultivation + plastic mulching/plastic tunnel/ micro-irrigation (drip/mini sprinkler irrigation)/ bamboo staking/ MS iron staking.
- Subsidy on integrated components shall be released separately on completion of individual component as per norms and guidelines prescribed herein.
- In case of vegetable cultivation integrated with micro irrigation MICADA registration is mandatory for availing subsidy on MI System, farmers have to apply separately in MICADA and subsidy shall be provided by MICADA as per their norms and guidelines.
- Subsidy shall be released 100% in one instalment.

2. Bamboo & Branched Bamboo Staking in vegetable cultivation.

- The no. of bamboo (60 mm) in one acre is 558 (4mx2m) supported by straight three lines on wires and rope for supporting the plants.
- The no. of branched bamboos (dia. 30 to 40 mm and height 6 to 7 feet) in one acre is 14000 supported by straight lines of plastic rope/ sutli/ wires for supporting the plants.
- Maximum limit: Under promotion of crop cluster IHD 1 ha. per beneficiary. Under SCSP and Shivalik 0.4 ha. per beneficiary.
- Subsidy shall be released 100% in one instalment.
- Farmers themselves can build stacking infrastructure for vegetable crops like tomato and cucurbits.
- Cost will be admissible on pro-rata basis depending upon the staking infrastructure.

3. MS-Iron Staking in vegetable cultivation

- The no. of MS iron pole (40mmx40mmx3mm) in one acre shall be 250 nos. (each pole 8 feet long) at spacing of 4mx4m (row to row and pole to pole with in row), supported by straight three lines of 3mm GI-wires and rope/sutli for supporting the plants.
- Only those farmers are eligible who have their own land.
- Maximum limit: Under promotion of crop cluster IHD 1 ha. per beneficiary. Under SCSP 0.4 ha. per beneficiary.
- Subsidy shall be released 100% in one instalment.
- Cost will be admissible on pro-rata basis depending upon the staking infrastructure.

C. Vegetable seed production programme

- Maximum limit is 5 ha. per beneficiary.
- Subsidy shall be released 100% in one instalment.
- Single farmer can avail the vegetable seed production programme of notified vegetable variety on maximum area of 5 ha..
- Those farmers having knowledge of seed production and healthy field along with proper water facilities etc. are eligible for this programme.
- Farmer can directly purchase the notified vegetable varieties breeder/foundation seed from Agriculture Universities or Govt. Institutes and can start the seed production programme after contacting concerned District Horticulture Officer.

- For preparation of foundation seed from breeder seed of notified variety and for preparation of certified seed from foundation seed, authorization from Haryana State Seed Certification Agency (HSSCA) is mandatory except TL production system.
- Interested farmers can purchase notified variety breeder/foundation seed from private seed companies at their own level and can start the seed production programme. But it is mandatory that private seed company at their own level will **sign an agreement** with the farmer and ensure him that the seed which farmer will prepare will be purchased by the company on price fixed but the subsidy amount will be released directly into the bank account of beneficiary through DBT.
- Farmer will himself be responsible for quality of the seed which he has prepared. District Horticulture Officer or Horticulture Development Officer will visit the fields time to time where this programme is being implemented by the farmers.
- For vegetable seed production programme preference will be given to cluster villages. Selection of clusters or beneficiaries will be on the first come first basis. Those beneficiaries who have availed the subsidy on maximum limit in the past years for this programme in any scheme will not be allowed for subsidy for the year 2023-24.
- Interested farmers for their selected crops for seed production programme can follow the package and practices of related Agriculture Universities/ Govt. Institutes/ Seed Companies.
- Department has the right to amend any changes or addition or deletion in the guidelines.

D. Rejuvenation/Replacement of senile plantation

- Maximum limit for Rejuvenation/Replacement of Senile Plantation including Canopy Management is 2 ha. per beneficiary.
- Subsidy shall be released 100% in one instalment.

E. Spices, aromatics & flowers

- Maximum limit for spices and aromatics plants is 4 ha. per beneficiary and for flowers is 2 ha. per beneficiary.
- Subsidy shall be released 100% in one instalment.

F. Mushroom Cultivation

1. Mushroom Trays

- Maximum limit is 100 trays per beneficiary.
- Subsidy shall be released 100% in one instalment.
- Training certificate on mushroom cultivation issued by SAUs/State department/ICAR recognized Institute/Centre etc. or any institute registered with ASCI is mandatory for availing assistance under departmental schemes.
- Farmers are free to purchase the material (compost/spawn etc.) from any source at his own level.
- Mushroom trays (other than button mushroom):
Under IHD general scheme, the subsidy on thatched hut & mushroom tray shall be only for mushroom cultivation (other than button mushroom). Both components are mandatory for release of subsidy to the eligible beneficiary. This is not applicable to Shivalik scheme.
- Mushroom trays (button mushroom):

Under SCSP & Shivalik Scheme the benefit of subsidy can be extended to beneficiary both on thatched hut and/ or tray for button mushroom cultivation.

2. Seasonal mushroom cultivation- Low-Cost thatched hut

- Size of hut: 30'x15' ft. (3 rows of racks and 2 story in each row) and pro-rata.
- Farmers are free to build thatched hut at his own level.
- Maximum limit is one unit per beneficiary.
- The bill/ invoice of bamboo material used in low-cost thatched hut is mandatory for release of subsidy.
- Subsidy shall be released 100% in one instalment.

G. Solar power electrical fencing

- Maximum limit 1500 running mtr. per beneficiary.
- Farmers are free to get install the solar power electrical fencing in fruit orchard from any open market as per norms & guidelines along with technical specifications of National Institute of Solar Energy (NISE). Farmer shall be responsible and liable for installation for solar power electrical fencing as per technical specifications and to meet the BIS standards.
- Only those farmers are eligible who have established orchards. However, only in hilly areas of Shivalik region (district Ambala, Panchkula and Yamunanagar) only those farmers who are cultivating vegetable crops on their own land in his/her name can avail the subsidy on solar powered electric fencing as per existing norms and guidelines under MIDH Scheme.
- DHO must have enclosed the copy of specifications along with sanction.
- Detailed technical specifications for solar fencing approved by National Institute of Solar Energy (NISE) are enclosed at **Annexure-VI**. The brief is as under:
 - i. Maximum distance between two support posts is 10 mtr. Or as per the site requirement.
 - ii. Maximum distance between two intermediate posts is 5 mtr. or as per the site requirement.
 - iii. Nos of strands 8 and 10 nos. (8 and 10 wires in vertical) as per site conditions.
 - iv. Height of fence above the ground should be 2.25 mtr.
 - v. Total Pole height (above + below ground level should be 2.85 mtr.
 - vi. Spacing between two rows (strands), (minimum 0.5 m to maximum 0.30m) depending upon the type of animals in the area.
 - vii. The ground to voltage must not be more than 200 volts.
 - viii. Battery 12 volts tubular 50-120 Ah maintenance free battery with 5 years guarantee.
 - ix. Optional to select 8 or 10 strands category as per subsidy.

जमीन मालिक का शपथ-पत्र/सहमती पत्र

मैं, सुपुत्र/सुपुत्री/पत्नी श्री गांव तहसील
 जिला का रहने वाला/वाली हूँ और अपने हल्फ से निम्नलिखित ब्यान
 करता/करती हूँ :-

1. यह कि मैं उक्त पते का स्थाई निवासी हूँ।
2. यह कि मैं कुल जमीन एकड़ का मालिक हूँ।
3. मैंने अपनी जमीन गांव तहसील जिला में खेवट नं0
 खसरा नं0 किला नं0 श्री
 सुपुत्र/सुपुत्री/पत्नी श्री गांव तहसील जिला
 को ठेके पर/किराए पर/लीज पर दी हुई है जो कि कुल एकड़
 .. कनाल मरला बनती है
4. इस जमीन के ठेके/ किराए/ लीज की अवधि दिनांक से लेकर दिनांक तक
 है।
5. उपरोक्त ठेकेदार/किराएदार/लीजधारक उपरोक्त जमीन में मौसमी सब्जीयो/फूल/मसाले
 (सब्जी/फूल/मसाले का नाम) की खेती करता है।
6. उद्यान विभाग हरियाणा की योजनाओं के अंतर्गत उपरोक्त सब्जी की फसल पर कोई अनुदान दिया जा
 रहा है तो वह उपरोक्त ठेकेदार/किराएदार/लीजधारक के बैंक खाते में सीधे स्थानांतरित कर दिया
 जाए।
7. जैसा कि विभाग के नियमानुसार मालिक व ठेकेदार/किराएदार/लीजधारक दोनों की अनुदान सीमा
 (संयुक्त रूप से मिलाकर) विभाग द्वारा निर्धारित कुल अधिकतम सीमा से अधिक नहीं हो सकती। इसलिए
 मैं और मेरा ठेकेदार/किराएदार/लीजधारक विभाग द्वारा निर्धारित अनुदान की अधिकतम सीमा तक ही
 योग्य होंगे। इस सीमा से अधिक अनुदान होने पर मैं सब्सिडी वापिस करने के लिए वचनबद्ध हूँगा। इस
 दशा में विभाग द्वारा लगाई गई पाबन्दी का मैं पालन करूँगा। मेरे को इस पर कोई आपत्ति नहीं है
 तथा न ही भविष्य में कोई आपत्ति रहेगी।
8. मेरा उपरोक्त ठेकेदार/किराएदार/लीजधारक अपने खुद के नाम से विभाग में आवेदन करेगा तथा मेरी
 फसल मेरा ब्यौरा पोर्टल पर अपने ही नाम से अपने खुद के मोबाईल न0. के साथ रजिस्ट्रेशन करवाने
 के लिए हकदार होगा।
9. उपरोक्त जमीन पर इससे पहले मेरे द्वारा तथा किसी अन्य मेरे ठेकेदार/किराएदार/लीजधारक द्वारा
 उपरोक्त मद में अनुदान राशी किसी भी राज्य सरकार या भारत सरकार की योजना में प्राप्त नहीं की
 है।
10. मैं विभाग की नार्मस एवं गाइडलाईन की पालना के लिए पाबन्ध रहूँगा।

दिनांक

(जमीन मालिक के हस्ताक्षर)

नाम:.....

मोबाईल न0:.....

Annexure-II

आवेदक द्वारा शपथ पत्र

- मैं श्री/श्रीमति सुपुत्र/सुपुत्री/पत्नी श्री..... गांव
..... ब्लॉक जिला का/की निवासी हूँ व मेरा परिवार पहचान
पत्र क्रमांक है। मैंने मद के अन्दर
आवेदन किया है व मैं यह सत्यापित करता/करती हूँ कि मैंने इस मद के अन्तर्गत भारत सरकार या
राज्य सरकार की किसी भी योजना से इस मद में वर्तमान वर्ष को शामिल कर निर्धारित सीमा से ज्यादा
अनुदान प्राप्त नहीं करूंगा/करुंगी।
- मेरा कथन यदि गलत पाया जाए तो विभाग को पूर्ण अधिकार है कि वह मेरे आवेदन को रद्द कर देवे व
किसी भी कानूनी/विभागी कार्यवाही के लिए मैं स्वयं जिम्मेदार हूँ।

(हस्ताक्षर व अगूठा चिन्ह)

(आवेदक का नाम:.....)

(गांव:.....)

Certificate by HDO of Horticultural Crops

- It is certified that Sh./Smt.....
d/w/s/o..... village
Tehsil....., block..... District
..... is the resident of above address and he/she is going to plant/grow
..... Horticultural crop in an area of acre, in
Khasra No.Kila No..... as per MFMB registration
data.
- The GPS coordinate of the site are as (time, location and
date)

Sign of HDO

(Name of HDO:)

(Block:)

NOTE: No registration on MFMB would be required in the following cases:

1. Bee-keeping Components
2. Onion storage structure
3. PHM Components
4. Mushroom Projects
5. Mushroom Trays

Annexure-III

एफ.पी.ओ. प्रयोग हेतू

प्रमाणित किया जाता है कि श्री/सुश्री/श्रीमति.....पुत्र/पुत्री/पत्नी

श्री.....गांव.....डाक घरतहसील.....

जिला.....एफ.पी.ओ.....का सदस्य है। उपरोक्त कृषक बागवानी विभाग की योजना

में मद में अनुदान का लाभ लेना चाहता है। अतः उपरोक्त मद के लिए अनुदान हेतू सिफारिश की जाती है।

दिनांक

सील सहित हस्ता.

एफ.पी.ओ. अधिकृत हस्ताक्षरी

Annexure-IV

HORTICULTURE DEPARTMENT
Physical Verification Report Proforma

Sn.	Particulars	Details
A. 1.	Date of approval	
2.	Date of inspection	
3.	Name and address of beneficiary with mobile no.	Name.....s/o/w/o..... Village.....Block..... District.....Mobile No.....
4.	Coordinates of site (The coordinates are N,S,E,W)	
5.	Site photograph with beneficiary	Attach alongwith the report
B 1.	Detail of Component (<i>provide complete detail of respective components found at the site w.r.t. specifications</i>)	Observations of inspection team

Site inspection

Block HDO
(Sign) with date

Block Mali/Fieldman
(Sign) with date

Beneficiary
(Sign) with date

DHO/ SSO/ DDH
(as part of recommended inspections) (Sign) with date

Recommendation:

HDO
(Sign) with date

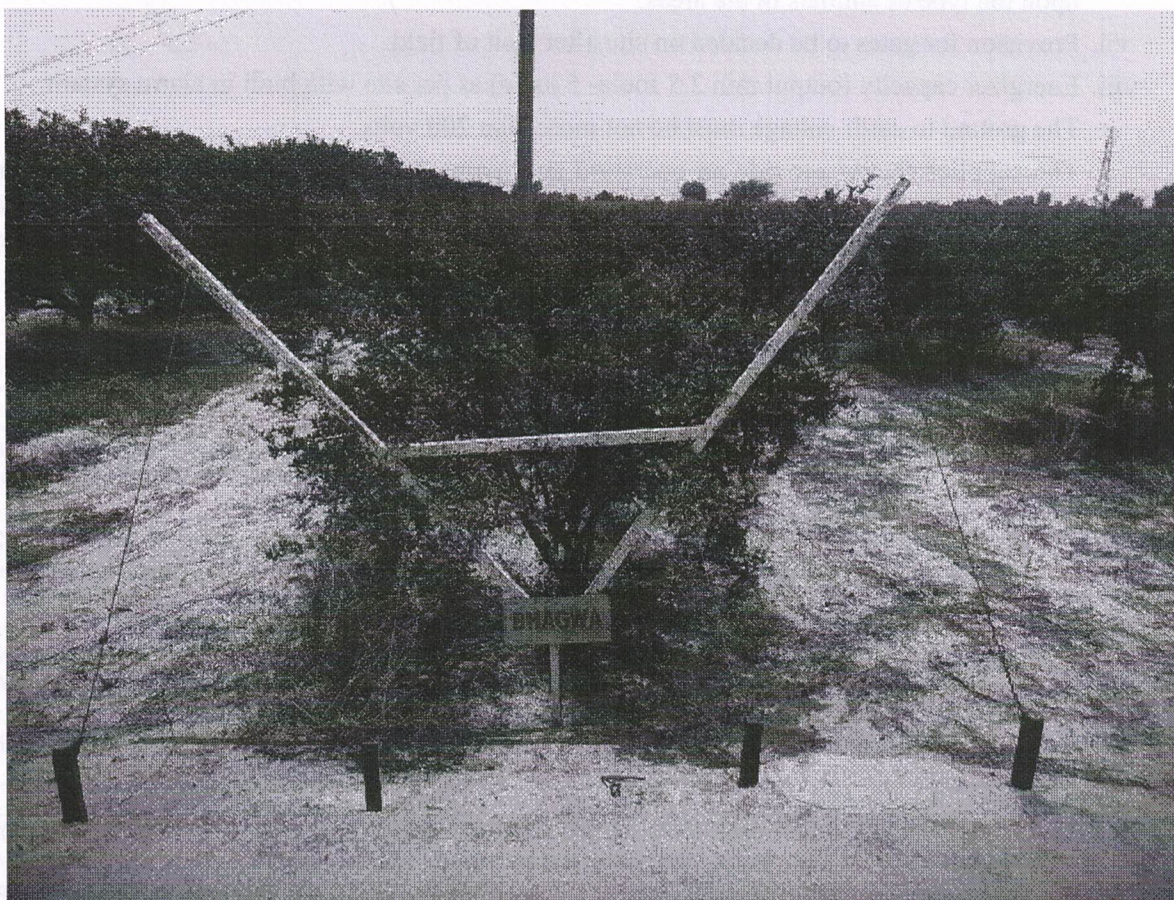
Sanction for release of assistance

DHO
(Sign) with date

Annexure-V

Specifications of 'Y' shape trellising system in Pomegranate (planting distance 6x4mtr.)

Sn.	Item	Specifications
1.	Pole	MS Iron angle of 'Y' shape (40x40x5mm) of height 8.50 ft. i.e. 1.50ft. below NGL. 'L' shaped angle iron should be used.
2.	Spacing of poles	20ft.x40ft. (row to row & pole to pole within row)
3.	Angle Peg	8 no. in each row, 2.50 ft. height, 1.50ft. below NGL & 1ft. above NGL
4.	Maximum no. of poles in 1 acre	66
5.	GI wire	3.6 to 4.0 mm thick, 4 no. of wires in each row





Technical Specifications for Solar Fencing

1. Basic Parameters of fencing

- i. Maximum distance between 2 support posts - 10 Mts. or as per site requirements.
- ii. Maximum Distance between 2 intermediate posts - 5 Mts. or as per site requirements.
- iii. No. of strands – 8 & 10 Nos. (8 & 10 wires in vertical) as per site condition
- iv. Height of fence above the ground - 2.25 m.
- v. Total Pole Height (Above + Below Ground level): 2.85 m.
- vi. Spacing between two rows (strands), (Minimum 0.15m to maximum 0.30m) depending upon the type of animals in the areas.
- vii. Provision for gates to be decided on site after visit of field.
- viii. Energizer capacity (output min 2.5 Joule- 5 joule) as per site with built in alarm system.
- ix. The ground to earth voltage must be not more than 200 volts.
- x. The supplier should provide an operation and maintenance manual which should contain details about the solar power fencing. Clear instructions about the maintenance and troubleshooting, DO's and DONTs., relevant details and drawings for regular maintenance.
- xi. The relevant test reports of the items, if available, may also be enclosed.

2. Detailed specifications of Solar Power Electric Fencing:

Description	Specification	Remarks
Energizer	Energy mini. 2.5 Joules to max 5 Joules as	i) Certificate for Performance and safety of Fence Energizer: IS 302-2-76 (1999)/ IEC 60335-2-76:2018. ii) Being a type D product as per IS 302-2-76 (1999), Solar charger part need to confirms the requirement of Battery charge controllers for photovoltaic systems as per IEC 62509:2010, (Test report must be from ETDC/CPRI/NISE or certificate should be accepted by any NABL accredited or traceable laboratory) iii) Apart from above CE Certificate and have onboard LCD with keypad for programming
	Solar panel option to recharge 12- volt battery DC.	
	Output characteristic of the energizer should be as follows	
	Peak of O/P voltage: 6.0 kV – 10 kV	
	Pulse interval: 1.0 - 1.2 Second	
	Pulse Duration: 0.3 Milli Second	
Description	Specification	Remarks
Solar PV Module	50 watts to 100 watts 36 cell module with Minimum 10 years warranty against manufacturing defects.	Conforming to IS 14286: 2010/ IEC 61215:2005 or latest Edition, IS/IEC 61730- 1: 2004, IS/IEC 61730-2:2004, manufactured in India in a plant certified under ISO 9001: 2008 & ISO 14001 and also type tested by any of the accredited test laboratories in India.

Module Stand	MS Hot dip galvanized to minimum of 60 microns zinc coating thickness. Must have a Provision to tilt the solar module.	As per the PV module mounting requirement.
Battery	12 Volts tubular 50-120 Ah maintenance free battery with 5 years guarantee.	Conforming IS-16270 IEC 61427 or IEC 1361 by any of the accredited test laboratories in India.
Lightening	Must be capable of diverting stay.	With proper earthing
Diverter kit Earthling system	The diverter assembly must be adjustable for spark gaps.	system and have good insulation
Housing box with post	Made of 16 gauges GI sheet, painted and fixed on 50 NB class B pipe and must be grouted. Should be capable of safety housing battery and energizer with lock & key.	Must confirm to I.P. 66 specifications
'B' Accessories		
Earthling System	Must contain earth mixture retaining moisture 8 mm dia stainless steel rod-nonrusting quality of 1.2 meter long	Should be capable of Providing proper earthling to the system and one rod after every 100 meters length or as per system requirements. certified by CPRI/ETDC or any other accredited laboratory
Strain Insulators	End strain insulator must be of Polycarbonate/ Nylon material and should withstand 15 kV voltage.	Rainwater run-off should be provided on the insulator & UV stabilized as per system requirements certified by CIPET
Reel insulators	Must be of virgin plastic material Polypropylene or equivalent.	UV Stabilized as per system requirements certified by CIPET
High tensile Wire ACSR Conductor wire,	2.5- 2.59 mm wire diameter (12 Gauge) High tensile wire with minimum of 230-300 gm./sq. Rust free, M zinc coating UTS 140.5 kg/mm. Break strength of 740Kgs	As per IS 398 (part 2)
14g wire	14g wire for binding reel insulators.	High quality zinc coating.
Wire tightness	Should be made from Al. Alloy nonrusting quality	Tighteners should be used for proper tensioning of wires
Tension Springs	Spring steel capable to taking compression loads. To be galvanized	
Joining clamps	Positive locking mechanism Zinc coating of more than 25 microns	One side rotation
Warning signs	Polyethylene plastic with statutory colors and signs	Yellow with black lettering in English & Hindi Language
Lead-out cable	Must be double insulated with standing 15 KV Voltage. Inner core wire must be hot dip galvanized	
Rope Gate Kit	Steel rope with handles & spring assembly Handle made of polythene	Length of rope to suit gate width
Tool kit	Should contain, Wire Tighteners handle twisting tool, Plier, double ended spanner for joining clamp tightening.	
'C' Posts		

Corner/ End / Bi-arm / Pill through posts	40 Nominal Bore G.I. Pipe (medium – Class B, Wall thickness – 3.2 mm), Hot dip galvanized to more than 60 microns, The pipe is marked in blue colour for identification. Conforming to IS 4759 - 1996.	0.60-meter length of the posts must be grouted in size 45 X 60 X 60 cm size P.C.C. 1:2:4 Cement, Coarse Sand & Stone ballast.
Support post	25 nominal bore G.I. Pipe (Medium - Class B marked in blue colour for identification-Wall in thickness - 3.2mm) Hot dip galvanized to more than 60 microns conforming to IS 4759-1996.	-do-
Intermediate posts	25 nominal bore G.I. Pipe (Medium - Class B marked in blue colour for identification-Wall in thickness - 3.2mm) duly riveted with reel insulator. Hot dip galvanized to more than 60 microns conforming to IS 4759-1996.	0.60-meter length of the posts must be grouted in size 45 X 60 X 60 cm size P.C.C. 1:2:4 Cement, Coarse Sand & Stone.
'D' testing Equipments		
Wireless Digital Voltmeter	Must display fence voltage digitally up to 12 kV only.	
	Made of non-shocking plastic.	
	Fault Finder	
Xenon Flash Tubes	Xenon tubes capable of flashing with each pulse to monitor the fence working.	Must be viable from distance.
Neon Tester	5 neon lights measuring the fence for excellent, very good, good and poor & not working markings.	Good quality

Note:

- i) Every energizer shall have at least 5 nos. earth pits and minimum one no. earth pit at every 100 Mtr. long fence line.
- ii) Warning sign boards should be at every system, gate and also at every 500Mtr. along the fence line.
- iii) All the metal components like posts, joint clamps etc. should be hot dip galvanized and the test certificate shall be submitted along with supplies.



Circular-11

Dated: 01-06-2023

Subject: Regarding subsidy to minors for crop production components under departmental schemes.

It is decided that a minor is not eligible for subsidy of crop production components under departmental schemes.

This is for information and necessary action please.

Endst. No. Hort./MIDH/61/II/2023-24/ 15146-245 Panchkula, Dated: 01.06.2023

A copy is forwarded to the following for information and necessary action please:

1. ADH, JDH/N, JDH/P&N and JDH/G at HQ.
2. Principal, HTI, Uchani (Karnal)
3. All DDH (field & Centers).
4. PS to DGH for kind information of w/DGH, please.
5. Scientific Officer, QCL Sirsa & Karnal.
6. All DHOs in the State.
7. State Sericulture Officer, Panchkula,
8. HDO, IT/IT Cell of this Directorate

[Signature]
01/06/2023

Technical Assistant/Fruit
for Director General Horticulture,
Haryana, Panchkula



उद्यान विभाग, हरियाणा
Horticulture Department Haryana
www.hortharyana.gov.in

Circular-13

Dated: 24.01.2024

Subject: Regarding subsidy calculation for fruit crops having various planting spacing.

With reference to this office memo No. 9691-12, dated 12.04.2023, it has been decided by competent authority that:

1. Under Action Plan of MIDH the planting distance of ber, chiku, aonla, litchi has been given 6mx6m & below whereas as per norms & guidelines issued already vide directorate memo No. 9691-12, dated 12.04.2023, these fruits crops have been mentioned in category-I: normal plantation (6mx7m & above). Therefore, these crops also be considered under category-II: High density plantation (6mx6m & below) for calculation of top-up subsidy amount.
2. Under establishment of New Garden (Area Expansion of fruits) component for the cases where plants are planted at wider spacing than the actual spacing mentioned under guidelines of MIDH Scheme for a particular crop, in such case whole subsidy amount shall be given as top-up under state plan scheme.

The subsidy amount of MIDH share will be given as per spacing mentioned in MIDH guidelines.

Dated 23.01.2024

DR RANBIR SINGH,
MD, HSHDA,
HARYANA, PANCHKULA

Endst. No. Hort./MIDH/61/II/2023-24/ 622-72 Panchkula, Dated: 24-01-2024

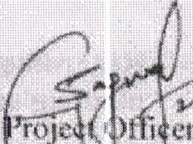
A copy is forwarded to the following for information and necessary action please:

1. DG, Horticulture Panchkula.
2. ADH, JDH/N, JDH/P&N and JDH/G at HQ.
3. Principal, HTI, Uchani (Karnal)
4. All DDH (field & Centers).
5. PS to DGH for kind information of w/DGH, please.



उद्यान विभाग, हरियाणा
Horticulture Department Haryana
www.hortharyana.gov.in

6. Scientific Officer, QCL Sirsa & Karnal.
7. All DHOs in the State.
8. State Sericulture Officer, Panchkula,
9. HDO/IT and JC/IT.


24/1/24
Project Officer

for Mission Director, HSHDA
Haryana, Panchkula