

# Horticulture Department

## Annual Action Plans, Norms & Guidelines under Departmental Schemes 2018-19



### **Department of Horticulture**

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**HORTICULTURE DEPARTMENT, HARYANA**  
**Annual Action Plan, Norms and Guidelines for 2018-19**  
**For implementation of schemes**

No.16436

Dated:08-06-2018

The following guidelines for providing subsidy on components under various schemes must be followed in letter and spirit:

1. **General Guidelines:** Following are the general guidelines applicable for all schemes, However, schemes specific guidelines alongwith Annual Action Plan are described in subsequent pages of this booklet
  - i. Norms and guidelines would be as per the GOI and State guidelines and norms fixed and issued time to time. For implementation of schemes during 2018-19 said norms and guidelines shall remain applicable subject to revisions as indicated in this booklet. The scheme wise guidelines are described in subsequent pages of this booklet.
  - ii. The applicant have to submit an application (in prescribed proforma) to the concerned HDO/DHO for getting subsidy under the component for which he is interested. Concerned HDO/DHO will allow him to do so as per concerned HDO Block targets or cluster targets.
  - iii. HDO/DHO verified all the documents as per checklist and give approval on first come first serve basis and maintained seniority record.
  - iv. After getting approval from concerned DHO applicant will free to purchase/procure the material/Item from open market/any source for completion of project/component and submit the bill/ invoice of material as per document checklist to the concerned HDO/DHO for release of subsidy.
  - v. Beneficiary should not be repeated.
  - vi. Farmers who have taken assistance from any scheme of State or Govt. of India upto prescribed limit shall not be eligible for assistance under the scheme.
  - vii. All applications received during current financial year shall be eligible for assistance as per seniority list and as per these norms and guidelines.
  - viii. Assistance shall be available only for horticultural crops as per the GOI norms and state plan scheme guidelines.
  - ix. Be ensuring that no administrative expenses should be incurred out of the funds released for subsidy.
  - x. The criteria for selection of beneficiaries should be unambiguous clear and clear without any overlapping.

- xi. Component wise expenditure should not exceed the budget allotment in any case and no interchange of component is allowed. DHOs should ensure that budget allotted in a component should be utilized that component only as targets.
- xii. To submit physical & financial progress report up to 3rd day of every month in the prescribed performa alongwith beneficiaries detail.
- xiii. Be ensuring that to make wide publicity amongst the farmers, so that maximum number of beneficiaries could be benefited.

## 2. Eligibility Criteria for availing assistance:

- i. Only those Farmer &/or entrepreneur having land ownership 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: registered lease agreement between the parties for one year for one year crops and twenty years for orchards.
  - b. For project based activities: registered lease agreement between the parties for seven years for micro irrigation and eight years in case of protected structures (polyhouses/ net house/ WIT)
- ii. Applicant who has Agriculture land in Haryana can be a beneficiary under the schemes. The document viz. Aadhar card/Ration card/voter card/Domicile/Passport etc. is required.
- iii. Minors are not eligible.
- iv. Farmer means a person having land ownership in one's name and to submit revenue proof to this effect. All the documents submitted shall not be more than six months old.
- v. Farmer includes farmer's family, means husband, wife and their children. Ration card is required to prove family unit, however, separate electricity bill can be a proof of separate family identity for the purpose of application and availing subsidy in case one does not have Ration Card.
- vi. The adult son/daughter or in case of his/her death, his/her widow/widower and children shall be deemed to be living with the parents or either of them. The adult son/daughter shall only be considered as separate unit only when separated from parents. It means they live separate from parents and this can be verified by means of separate electricity bill can be a proof of separate family identity for the purpose of application and availing subsidy in case one does not have Ration Card.

## 3. Physical verification:

- i. HDO (Extension) will carry out 100% Farmer identification of the components under the schemes.

- ii. HDO (Extension) will carry out 100% physical verification of the components under the schemes, except MI scheme, however wherever HDO (Extension) is designated for conducting MI physical verification that shall continue.
- iii. HDO (MI) will carry out 100% physical verification of the components under MI schemes.
- iv. SMS will carry out 100% physical verification of the components under the schemes as intimated time to time.
- v. DHO will carry out 10% physical verification of the components under all the schemes.
- vi. DDH (field) will carry out 5% of the total no. of components under all the Schemes.
- vii. Random physical verification in each district can be carried out by HQ officers.
- viii. In case of project based activities the physical verification conducted by a team comprising of DDH (field), DHO and HDO concerned. Any Govt. expert in the field of component and representative from concerned bank (if credit linked).
- ix. **GPS coordinate shall be taken of each and every site and to be mentioned in inspection proforma attached.**

#### 4. Release of subsidy:

**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 within 10 working days after completion of work in all respects.

**In Kind:**DHO Concerned will release subsidy in account of agency/firm authorized by Government/Department for the purpose.

#### 5. Checklist and Documents:

DHO will ensure that documents will be completed as per document checklist for application, sanction and assistance released under departmental schemes already circulated to all DHOs vide directorate memo no. 35683-712/Hort./TAV/2017-18 dated 14.12.2017 which is also as under:

Document Check List for Application Sanction & Assistance Release under Departmental Schemes

A	For Application Sanction	Components					
		Purpose	Protected cultivation and Micro Irrigation	Area expansion (Fruits/ Flowers/ Spices/ Mulberry/ Medicinal plants, Bamboo Stacking in Veg., Hybrid Veg. cultivation & Mushroom Tray/shed)	Mechanization (machines/ implements/ equipments/ appliances)/ Bee Boxes/ Bee Hives, Plastic Mulching, Plastic Tunnel, Crop cover cloth, Conveyance Pipe Line & Fishnet and INM/ IPM/ Tool Kit	Infrastructure Units (Pack House/ on farm collection and storage unit/ Collection center-cum- / Low cost onion storage/ Vermi compost unit/ Rearing House/ Community/ Individual Tank/ Mobile Van/ Drying Shed/ Processing Unit)	Cultivation under Poly House (High value vegetables & flowers)
1	2		3	4	5	6	7
1.	Application duly filled-in with photograph (hard copy) or online registration (POLYNET and MINET)	Proof of application	✓	✓	✓	✓	✓

2.	Aadhaar Card	For DBT linkage and identification	✓	✓	✓	✓	✓
3.	Ration Card/ Electricity Bill (Any one)	for identification of separate family unit	✓	✓	✓	✓	✓
4.	Bank Detail (Beneficiary Name, Bank Name, IFSC code, Account No.)	For online fund transfer as DBT	✓	✓	✓	✓	✓
5.	Land record (Patwari Land verification report <b>or</b> Jamabandi/ Fard	For site identification	✓	✓ (Except Mushroom in SCSP & Shivalik scheme – for these schemes only Sarpanch & HDO site verification report is required) • For Hilly area of Panchkula see instructions on <b>page no. 64</b>	✓ (Except INM/ IPM/ Tool Kit)	✓	<b>Not required</b> (as has already been taken in poly house sanction case)
6.	Scheduled caste certificate	For identification	If applicable	If applicable	If applicable	If applicable	If applicable
7.	Lease agreement	For lease farmer	Point 2 i. a & b	If applicable	If applicable	No Lease	Point 2 i. a
<b>B</b>	<b>Subsidy Release</b>	<b>Purpose</b>	<b>Protected cultivation and Micro Irrigation</b>	<b>Area expansion (Fruits/ Flowers/ Spices/ Mulberry/ Medicinal plants, Bamboo Stacking in Veg., Hybrid Veg. cultivation &amp; Mushroom Tray/shed)</b>	<b>Mechanization (machines/ implements/ equipments/ appliances)/ Bee Boxes/ Bee Hives, Plastic Mulching, Plastic Tunnel, Crop cover cloth, Conveyance Pipe Line &amp; Fishnet and INM/ IPM/ Tool Kit</b>	<b>Infrastructure Units (Pack House/ on farm collection and storage unit/ Collection center-cum- / Low cost onion storage/ Vermi compost unit/ Rearing House/ Community/ Individual Tank/ Mobile Van/ Drying Shed/ Processing Unit)</b>	<b>Cultivation under Poly House (High value vegetables &amp; flowers)</b>
1.	Site verification report (Physical inspection report)	To check site completion	✓	✓	✓	✓	✓
2.	Site photograph with beneficiary	For site & applicant identification	✓	✓	✓	✓	✓
3.	GPS Coordinate	For location identification	✓	✓	✓	✓	✓
4.	Bill/ Invoice of Material		✓	✓ (Required only for seed in hybrid vegetable cultivation & planting material for fruit orchard plantation. Not for other inputs & components)	✓	✓	✓ (Required only for planting material & mulching sheet. Not for other inputs) For imported material proof required)
5.	Estimate	For total billing	✓	N/A	N/A	✓	N/A
6.	Design	For total design	✓	N/A	N/A	✓	N/A
7.	Soil and water test report	For site suitability	✓ (Nimatode Test report)	N/A	N/A	N/A	(Nimatode test report)
8.	PEQ Certificate by CCS HAU Hisar	For verification of actual import	N/A	N/A	N/A	N/A	✓ (in case of flower only)

# **Applications and Inspection Report**

## **Proforma**

उद्यान विभाग हरियाणाआवेदन पत्र

(क्षेत्र विस्तार)

स्कीम का नाम: \_\_\_\_\_

क. कृषक का विवरण

1. नाम :
2. पिता/पति का नाम :
3. कैटगरी (सामान्य/एस0सी0/बी0सी/महिला) :
4. गांव \_\_\_\_\_ ब्लॉक \_\_\_\_\_ जिला \_\_\_\_\_ :
5. मोबाईल नं0 :
6. कृषक के नाम पर कुल भूमि (है0) :
7. उद्यान फसलों के नाम पर कुल भूमि (है0) :
8. खसरा नं0 जिसमें क्षेत्र विस्तार करना (है0) :

Affix self-  
attested  
passport size  
photograph

ख. बैंक विवरण (जहां पर किसान की अनुदान राशि स्थानांतरित की जानी है)

1. बैंक का नाम :
2. शाखा का नाम :
3. IFSC कोड :
4. खाता संख्या :

ग. अनुदान के लिए विवरण

1. किस मद के लिए :
2. कितने क्षेत्र के लिए (है0) :
3. क्या इस मद के अन्तर्गत पहले अनुदान लिया गया है? (हां या नहीं) :

मैं यह सत्यापित करता हूँ कि मैंने इस मद के अन्तर्गत किसी अन्य संस्था या स्कीम से सहायता प्राप्त नहीं की है तथा मैं यह भी घोषित करता हूँ/ करती हूँ कि ली गई सहायता की राशि का सदुपयोग करूंगा/करुंगी।

प्रार्थी (हस्ताक्षर एवं दिनांक)

\_\_\_\_\_

कार्यालय प्रयोग हेतु

यह सत्यापित किया जाता है कि उपरोक्त कृषक का विवरण सही है। अतः अनुदान हेतु निम्नलिखित सिफारिश की जाती है।

1. मद :
2. क्षेत्र/नं0 :
3. राशी :
4. टिप्पणी :

(हस्ता.)

(उद्यान विकास अधिकारी)

ब्लॉक \_\_\_\_\_

कमांक:-

दिनांक:-

प्रेषित

- I) स्वीकृति राशी :
- II) दी जाने वाली अनुदान राशि का विवरण :

(हस्ता.)

जिला उद्यान अधिकारी

जिला \_\_\_\_\_



उद्यान विभाग हरियाणाआवेदन पत्र(प्रोजेक्ट / परियोजना हेतु)

स्कीम का नाम: \_\_\_\_\_

क. कृषक का विवरण

1. नाम :
2. पिता/पति का नाम :
3. कैटगरी ( सामान्य / एस0सी0 / बी0सी / महिला ) :
4. गांव \_\_\_\_\_ ब्लॉक \_\_\_\_\_ जिला \_\_\_\_\_
5. मोबाईल नं0 :
6. कृषक के नाम पर कुल भूमि (है0) :
7. उद्यान फसलों के नाम पर कुल भूमि (है0) :
8. खसरा नं0 जिसमें प्रोजेक्ट लगाना है (है0) :

Affix self-  
attested  
passport size  
photograph

ख. बैंक विवरण (जहां पर किसान की अनुदान राशि स्थानांतरित की जानी है)

1. बैंक का नाम :
2. शाखा का नाम :
3. IFSC कोड :
4. खाता संख्या :

ग. अनुदान के लिए विवरण

1. किस मद के लिए :
2. प्रोजेक्ट राशी :
3. अनुदान राशी :
4. क्या पहले अनुदान लिया गया है? (हां या नहीं) :

घ. संलग्न दस्तावेज

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

प्रार्थी (हस्ताक्षर एवं दिनांक)

\_\_\_\_\_

कार्यालय प्रयोग हेतु

यह सत्यापित किया जाता है कि उपरोक्त कृषक का विवरण सही है। अतः अनुदान हेतु निम्नलिखित सिफारिश की जाती है।

1. मद :
2. क्षेत्र/नं0 :
3. राशी :
4. टिप्पणी :

(हस्ता.)

(उद्यान विकास अधिकारी)

ब्लॉक \_\_\_\_\_

कर्मांक:-

दिनांक:-

प्रेषित

- I) स्वीकृति राशी :
- II) दी जाने वाली अनुदान राशी का विवरण :

(हस्ता.)

जिला उद्यान अधिकारी

जिला \_\_\_\_\_

**उद्यान विभाग हरियाणा**  
**सी.सी.डी.पी. (विस्तार) आई.एच.डी. योजना**  
**आवेदन पत्र**

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passport size  
photograph

स्कीम का नाम: \_\_\_\_\_

क. कृषक का विवरण

1. नाम :
2. पिता/पति का नाम :
3. कैटगरी ( सामान्य/एस0सी0/बी0सी/महिला )
4. गांव \_\_\_\_\_ ब्लॉक \_\_\_\_\_ जिला \_\_\_\_\_
5. मोबाईल नं0 :
6. प्रार्थी के नाम पर कुल भूमि (है0) :
7. उद्यान फसलों के नाम पर कुल भूमि (है0) :
8. खसरा नं0 जिसमें क्षेत्र विस्तार करना (है0) :

ख. बैंक विवरण (जहां पर किसान की अनुदान राशि स्थानांतरित की जानी है)

1. बैंक का नाम :
2. शाखा का नाम :
3. IFSC कोड :
4. खाता संख्या :

ग. अनुदान के लिए विवरण

1. किस मद के लिए :
2. कितने क्षेत्र के लिए (है0) :
3. क्या इस मद के अन्तर्गत पहले अनुदान लिया गया है? (हां या नहीं) :

मैं यह सत्यापित करता हूँ कि मैंने इस मद के अन्तर्गत किसी अन्य संस्था या स्कीम से सहायता प्राप्त नहीं की है तथा मैं यह भी घोषित करता हूँ/ करती हूँ कि ली गई सहायता की राशि का सदुपयोग करूंगा/करूंगी।

प्रार्थी (हस्ताक्षर एवं  
दिनांक)

एफ.पी.ओ. प्रयोग हेतु

प्रमाणित किया जाता है कि श्री \_\_\_\_\_ पुत्र श्री \_\_\_\_\_ गांव \_\_\_\_\_ डाक घर  
 \_\_\_\_\_ तहसील \_\_\_\_\_ जिला \_\_\_\_\_ एफ.पी.ओ. \_\_\_\_\_ का सदस्य  
 है। उपरोक्त कृषक का विवरण सही है। अतः उपरोक्त मद के लिए अनुदान हेतु सिफारिश की जाती है।

सील सहित हस्ता.

हस्ताक्षरी

एफ.पी.ओ. अधिकृत

कार्यालय प्रयोग हेतु

यह सत्यापित किया जाता है कि उपरोक्त कृषक का विवरण सही है। अतः अनुदान हेतु निम्नलिखित सिफारिश की जाती है।

1. मद :
2. क्षेत्र/नं0 :
3. राशी :
4. टिप्पणी :

(हस्ता.)  
 (उद्यान विकास अधिकारी)  
 ब्लॉक \_\_\_\_\_

कमांक:-

दिनांक:-

प्रेषित

- i) स्वीकृति राशी :
- ii) दी जाने वाली अनुदान राशी का विवरण :

(हस्ता.)  
 जिला उद्यान अधिकारी  
 जिला \_\_\_\_\_

**HORTICULTURE DEPARTMENT**  
**Inspection Report Proforma**

<b>Sr. No.</b>	<b>Particulars</b>	<b>Details</b>
A 1.	Date of approval	
2.	Date of inspection	
3.	Name and address of beneficiary with mobile no.	
4.	Coordinates of site (The coordinates are N,S,E,W)	
B 1.	Detail of Component	Observations of inspection team

Remarks/recommendation:

**DHO**  
(Sign)

**HDO**  
(Sign)

**Beneficiary**  
(Sign)

(as and when done by DHO as part of 10 % of total inspections)

**DDH/Field**  
(Sign)

(as and when done by DDH/Field as part of 5 % of total inspections)

# **Scheme wise Detailed Action Plan & Norms and Guidelines**

## 1. Plan Scheme for Integrated Horticulture Development in Haryana (SB No. 65).

The total Provision under the scheme for the year 2018-19 for Rs. 5007.00 lacs out of which Rs. 5000.00 lacs is for subsidy and a balance of Rs. 7.00 for salary components. The component wise AAP is as under:

Sr. No.	Component	Remarks
1	Non NHM districts (Action Plan)	For districts of Kaithal, Rewari, Faridabad, it include subsidy in Poly House @ 65%.
2	Promotion of Horticulture in Shivalik Area	For districts Panchkula, Ambala & Yamunanagar.
3	Promotion of Onion crop in Haryana State	All districts
4	Crop Cluster Development program (CCDP) under IHD	All districts
5	Special component for area expansion of fruits (Pomegranate and Datepam)	Hisar, Sirsa, Fatehabad, Bhiwani, Narnaul, C.Dadri and Rewari
6	15% extra subsidy for component of protected structure under RKVY	All districts

The detailed AAP and norms & guidelines of above components are given below:

### 1.1 Non-NHM Districts (Kaithal, Rewari & Faridabad)

State Annual Action Plan for Non NHM Districts (Kaithal, Rewari & Faridabad) under IHD - 2018-19													
S N	Intervention	Unit	Total tentative cost	Rate of Assistance (%age)	Amount of Assistance (Rs.)	Kaithal		Rewari		Faridabad		G. Total	
						Phy.	Fin. (Rs.)	Phy.	Fin. (Rs.)	Phy.	Fin. (Rs.)	Phy.	Fin. (Rs.)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Establishment of New Gardens (Area Expansion of Fruits)												
i	Guava (6mx6m)	ha	38300	60 % of 50%	11490	3	34470	10	114900	5	57450	18	206820
ii	Citrus (6mx6m)	ha	40000	60 % of 50%	12000	10	120000	10	120000	5	60000	25	300000
iii	Ber (4mx4m)	ha	43750	60 % of 50%	13125	2	26250	1	13125	0	0	3	39375
	<b>Sub Total</b>					<b>15</b>	<b>180720</b>	<b>21</b>	<b>248025</b>	<b>10</b>	<b>117450</b>	<b>46</b>	<b>546195</b>
2	1st year maintenance (Normal spacing)												
i	Guava (6mx6m)	ha	38300	20% of 50%	3830	4	15320	10.6	40598	0	0	14.6	55918
ii	Citrus (6mx6m)	ha	40000	20% of 50%	4000	11.5	46000	7.8	31200	0	0	19.3	77200
iii	Citrus (3mx3m)	ha	79996	20% of 50%	8000	0	0	0	0	0	0	0	0
iv	Citrus (4.5mx4.5m)	ha	52784	20% of 50%	5278	0	0	2	10556.8	0	0	2	10556.8
v	Ber (4mx4m)	ha	43750	20% of 50%	4375	0	0	0	0	0	0	0	0
	<b>Sub Total</b>					<b>15.5</b>	<b>61320</b>	<b>20.4</b>	<b>82354.8</b>	<b>0</b>	<b>0</b>	<b>35.9</b>	<b>143674.8</b>
3	2nd year maintenance (Normal spacing)												

i	Guava (6mx6m)	ha	35000	20% of 50%	3500	1.2	4200	6.2	21700	0	0	7.4	25900
ii	Citrus (6mx6m)	ha	40000	20% of 50%	4000	13.7	54800	6.5	26000	0	0	20.2	80800
iii	Citrus (3mx3m)	ha	79996	20% of 50%	8000	0	0	1	7999.6	0	0	1	7999.6
iv	Citrus (4.5mx4.5m)	ha	52784	20% of 50%	5278	0	0	1.8	9501.12	0	0	1.8	9501.12
v	Ber (4mx4m)	ha	43750	20% of 50%	4375	0	0	0.7	3062.5	0	0	0.7	3062.5
	<b>Sub Total</b>					<b>14.9</b>	<b>59000</b>	<b>16.2</b>	<b>68263.22</b>	<b>0</b>	<b>0</b>	<b>31.1</b>	<b>127263.2</b>
4	<b>Mushroom</b>												
i	<b>Compost making unit</b>	No.	2000000	40	800000	0	0	1	800000	0	0	1	800000
5	<b>Flowers</b>												
i	<b>Loose Flowers</b>												
a	<b>S&amp;M Farmer</b>	ha	40000	40	16000	4	64000	210	3360000	24	384000	238	3808000
b	<b>Other Farmer</b>	ha	40000	25	10000	4	40000	0	0	0	0	4	40000
ii	<b>Bulbs flower</b>						0		0		0	0	0
a	<b>S&amp;M Farmer</b>	ha	150000	40	60000	0	0	0	0	32	1920000	32	1920000
b	<b>Other Farmer</b>	ha	150000	25	37500	0	0	0	0	0	0	0	0
	<b>Sub Total</b>					<b>8</b>	<b>104000</b>	<b>210</b>	<b>3360000</b>	<b>56</b>	<b>2304000</b>	<b>274</b>	<b>5768000</b>
6	<b>Protected cultivation</b>												
i	NVPH/INH/WIT	sqm	725	65	471.25	48000	22620000	28000	13195000	30000	14137500	106000	49952500
ii	Cost of planting material of high value vegetables grown under protected structures	sqm	140	50	70	48000	3360000	28000	1960000	30000	2100000	106000	7420000
	<b>Sub Total</b>					<b>96000</b>	<b>25980000</b>	<b>56000</b>	<b>15155000</b>	<b>60000</b>	<b>16237500</b>	<b>212000</b>	<b>57372500</b>
7	<b>Plastic Tunnel (General Area)</b>	sqm	60	50	30	0	0	4000	120000	0	0	4000	120000
8	<b>Anti Bird/Anti hail Nets</b>	sqm	35	50	17.5	0	0	4000	70000	0	0	4000	70000
<b>State Annual Action Plan for Non NHM Districts (Kaithal, Rewari &amp; Faridabad) under IHD - 2018-19</b>													
S N	Intervention	Unit	Total tentative cost	Rate of Assistance (%age)	Amount of Assistance (Rs.)	Kaithal		Rewari		Faridabad		G. Total	
						Phy.	Fin. (Rs.)	Phy.	Fin. (Rs.)	Phy.	Fin. (Rs.)	Phy.	Fin. (Rs.)
9	<b>Creation of Water resources</b>												
i	<b>Water Harvesting System for individuals for storage of water</b>	Nos.	150000	50	75000	5	375000	1	75000	5	375000	11	825000
	<b>Sub Total</b>					<b>5</b>	<b>375000</b>	<b>1</b>	<b>75000</b>	<b>5</b>	<b>375000</b>	<b>11</b>	<b>825000</b>
7	<b>Organic Farming</b>												
i	Vermi compost Unit	No.	100000	50	50000	6	300000	2	100000	4	200000	12	600000
	<b>Sub Total</b>					<b>6</b>	<b>300000</b>	<b>2</b>	<b>100000</b>	<b>4</b>	<b>200000</b>	<b>12</b>	<b>600000</b>
8	<b>Integrated Post Harvest Management</b>												
i	Pack house/ On farm collection and storage unit(size-9mx6m)	No.	400000	50	200000	3	600000	4	800000	2	400000	9	1800000
ii	Cold Room (staging) (Capacity 30 MT)	No.	1500000	35	525000	0	0	0	0	2	1050000	2	1050000
iii	Low Cost onion Storage	No.	175000	50	87500	0	0	2	175000	0	0	2	175000
	<b>Sub Total</b>					<b>3</b>	<b>600000</b>	<b>6</b>	<b>975000</b>	<b>4</b>	<b>1450000</b>	<b>13</b>	<b>3025000</b>
	<b>GRAND TOTAL</b>					<b>96067.4</b>	<b>27660040</b>	<b>64277.6</b>	<b>21053643</b>	<b>60079</b>	<b>20683950</b>	<b>220424</b>	<b>69397633</b>

## **Norms and Guidelines for Integrated Horticulture Development Scheme (IHD) for Non NHM Districts (Kaithal, Rewari & Faridabad): 2018-19.**

- 1) For implementation of the scheme, Norms and Guidelines for Implementation of various schemes in the State were circulated vide 85th staff meeting held on dated 30.06.2014. For implementation of IHD scheme during 2018-19 said norms and guidelines shall remain applicable subject to revisions during 2018-19 as indicated below:

### **2) Norms for area expansion:**

- a. For Area Expansion of Fruits farmers are free to purchase Planting Material from any Nursery conditionally that Nursery should be accredited from National Horticulture Board. The copy of accreditation must be attached with the bill. Subsidy will be released as per guidelines mentioned above.
- b. The list of accredited Nursery by NHB in Haryana, Punjab and U.P. etc. can be seen/downloaded from NHB website ([www.nhb.gov.in](http://www.nhb.gov.in)).

### **3) Norms for water farm ponds:**

Shall remain same as per last year guidelines with amendments as under:

For Vegetable crops, area up to 0.9 ha. and for perennial flower crops, area up to 2.0 ha. is considered eligible for assistance.

### **4) Norms and Guidelines for Protected Cultivation under Departmental schemes – 2018-19**

#### **1. Process of Application**

- i. The execution of work shall be covered under following scope of work :-

<b>S N</b>	<b>Stage/Work</b>	<b>Type of Work and action to be taken</b>	<b>Duty Assigned</b>	<b>Time Frame</b>
1	Application	Submission of application along with the details and uploading of all documents as per poly net	Farmer	Application will remain valid for 30 days after completion of application process.
2	Document/ Site/ Farmer Verification	Identification of farmer along with verification of documents of case uploaded by farmer and checking of estimate uploaded by farmer as per norms & guidelines and checking of site clearance.	Horticulture Extension officer	Within 11 days from the date of upload of estimate.
3	Sanction	Accord sanction for installation of structure on recommendation of Horticulture Development Officer	District Horticulture Officer	Within 10 days from the date of recommendation by Horticulture Extension Officer.
4	Installation of Poly house/ Net house/ Walk in Tunnels	Structure installation at farmers' field.	Farmer	Within 90 Calendar days from the date of sanction.
5	Physical Verification	Physical Verification of poly house/net house/walk-in-tunnels Installed at farmers' field.	DDH (Field), DHO & concerned HDO and any other nominee.	Within 15 working days from the date of installation intimation.

6	Release of assistance	After successful physical verification of poly house/net house/walk-in-tunnels by Deptt. team, subsidy shall be released directly in the Aadhar seeded Bank Account of beneficiary through DBT.	DHO	Within 15 working days from the date of successful physical verification and subject to availability of funds.
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- ii. The farmer has to apply online/Poly Net either in office of DEPARTMENT or from its own resources for generation of application number as per check-list attached at **Annexure – I**. Farmers are advised to take advice from DEPARTMENT Extension Officers for suitability of erection of Protected Structure and cultivation of crops inside. Farmers shall follow the instructions of Soil & Water testing laboratory.
- iii. On submission of complete documents, the application shall be approved and the seniority shall be maintained from date of approval. The seniority shall be maintained for 30 days, if farmer not start construction work within 30 days after sanction, sanction will be canceled.
- iv. On completion of structure by farmer and on his request the inspection shall be carried by DEPARTMENT.
- v. On the basis of physical verification conducted by JIT the assistance shall be released in the Aadhar seeded bank account of beneficiary directly through Direct Benefit Transfer (DBT).
- vi. Approval shall not be granted if protected structure is already installed.

## 2. **Eligibility Criteria for applicant:**

- i. Farmers who have taken assistance from any scheme of State or Govt. of India upto prescribed limit shall not be eligible for assistance under the scheme.
- ii. All applications received during current financial year shall be eligible for assistance as per seniority list and as per these norms and guidelines.
- iii. Minors are not eligible.
- iv. Applicant who has Agriculture land in Haryana can be a beneficiary under the schemes. The document viz. Aadhar card/Ration card/voter card/Domicile/Passport etc. is required.
- v. Farmer means a person having land ownership in one's name and to submit revenue proof to this effect. All the documents submitted shall not be more than six months old. Farmer includes farmer's family, means husband, wife and their children. Ration card is required to prove family unit, however, separate electricity bill can be a proof of separate family identity for the purpose of application and availing subsidy in case one does not have Ration Card.
- vi. The adult son/daughter or in case of his/her death, his/her widow/widower and children shall be deemed to be living with the parents or either of them. The adult son/daughter shall only be considered as separate unit only when separated from parents. It means they live separate from parents and this can be verified by means of



separate electricity bill can be a proof of separate family identity for the purpose of application and availing subsidy in case one does not have Ration Card.

- vii. Department promotes cluster and for that farmers of Haryana (having land in his/her name in Haryana state) can take land on lease under departmental schemes except SCSP scheme only. But in all such cases the projects should be bankable and lease agreement must be minimum for 8 years.
  - viii. Under SCSP scheme no lease applicant shall be eligible for availing subsidy.
3. Only those applicants are eligible to apply who did not availed assistance on account of Protected Cultivation in his/her name/spouse name or in name of dependent member of his/her family from any Government agency.
  4. **Application Forms and formats:** The sample forms and formats are annexed at **Annexure-II**.
  5. **Assistance Limit:** The assistance shall be applicable on the basis of cost norms given below based on guidelines for erection of Poly House, Net House and WIT under departmental scheme 2017-18.

#### **A. IHD Scheme – 2018-19**

**Table 1: For beneficiary who have taken land on lease and beneficiary who have total land more than 5 acre - Plain Area**

Sr. No.	Type of Structure	Size Range	Cost norm*Rs./ per sqm	IHD
				Total Subsidy limit (50%)
A	Naturally Ventilated Poly house (NVPH)	Up to area 500sqm	850	425.00
		>500sqm up to 1008 sqm	800	400.00
		>1008sqm up to 2080 sqm	750	375.00
		>2080sqm up to 4000 sqm	725	362.50
B	Poly house with fan and pad cooling system (NVPH)	Up to area 500sqm	1307	653.50
		>500sqm up to 1008 sqm	1277	638.50
		>1008sqm up to 2080 sqm	1197	598.50
		>2080sqm up to 4000 sqm	1150	575.00
C	Net House- Tubular structure	with plastic top as addition; >4.00 m height	600	300.00
		Dome shape; >4.00 m height	550	275.00
		Flat shape-all GI; 4.0 m height	475	237.50
		Flat shape- Cable purlin, 4.0 m ht.	349	174.50
D	Walk-In-Tunnel (WIT)/ Single Span NVPH	3.5 m height	590	295.00
		5.0 m height	740	370.00

**Table 2: For beneficiaries who have taken land on lease and beneficiaries who have total land more than 5 acre - Hilly Area**

Sr. No.	Type of Structure	Size Range	Cost norm*Rs./ per sqm	IHD
				Total Subsidy limit (50%)
A	Naturally Ventilated Polyhouse (NVPH)	Up to area 500sqm	977	488.50
		>500sqm up to 1008 sqm	920	460.00
		>1008sqm up to 2080 sqm	862	431.00
		>2080sqm up to 4000 sqm	834	417.00
B	Polyhouse with fan and pad cooling system (NVPH)	Up to area 500sqm	1503	751.50
		>500sqm up to 1008 sqm	1469	734.50
		>1008sqm up to 2080 sqm	1377	688.50
		>2080sqm up to 4000 sqm	1322	661.00
C	Net House- Tubular structure	with plastic top as addition; >4.00 m height	690	345.00
		Dome shape; >4.00 m height	632	316.00
		Flat shape-all GI; 4.0 m height	546	273.00
		Flat shape- Cable purlin, 4.0 m ht.	401	200.50
D	Walk-In-Tunnel (WIT)/ Single Span NVPH	3.5 m height	678	339.00
		5.0 m height	851	425.50

**Table 3: For beneficiaries who have total land 5 acre or less – Plain Area**

Sr. No.	Type of Structure	Size Range	Cost norm*Rs./ per sqm	IHD
				Total Subsidy limit (65%)
A	Naturally Ventilated Polyhouse (NVPH)	Up to area 500sqm	850	552.50
		>500sqm up to 1008 sqm	800	520.00
		>1008sqm up to 2080 sqm	750	487.50
		>2080sqm up to 4000 sqm	725	471.25
B	Polyhouse with fan and pad cooling system (NVPH)	Up to area 500sqm	1307	849.55
		>500sqm up to 1008 sqm	1277	830.05
		>1008sqm up to 2080 sqm	1197	778.05
		>2080sqm up to 4000 sqm	1150	747.50
C	Net House- Tubular structure	with plastic top as addition; >4.00 m height	600	390.00
		Dome shape; >4.00 m height	550	357.50
		Flat shape-all GI; 4.0 m height	475	308.75
		Flat shape- Cable purlin, 4.0 m ht.	349	226.85
D	Walk-In-Tunnel (WIT)/ Single Span NVPH	3.5 m height	590	383.50
		5.0 m height	740	481.00

**Table 4: For beneficiaries who have total land 5 acre or less – Hilly Area**

Sr. No.	Type of Structure	Size Range	Cost norm*Rs./ per sqm	IHD
				Total Subsidy limit (65%)
A	Naturally Ventilated Polyhouse (NVPH)	Up to area 500sqm	977	635.05
		>500sqm up to 1008 sqm	920	598.00
		>1008sqm up to 2080 sqm	862	560.30
		>2080sqm up to 4000 sqm	834	542.10
B	Polyhouse with fan and pad cooling system (NVPH)	Up to area 500sqm	1503	976.95
		>500sqm up to 1008 sqm	1469	954.85
		>1008sqm up to 2080 sqm	1377	895.05
		>2080sqm up to 4000 sqm	1322	859.30
C	Net House- Tubular structure	with plastic top as addition; >4.00 m height	690	448.50
		Dome shape; >4.00 m height	632	410.80
		Flat shape-all GI; 4.0 m height	546	354.90
		Flat shape- Cable purlin, 4.0 m ht.	401	260.65
D	Walk-In-Tunnel (WIT)/ Single Span NVPH	3.5 m height	678	440.70
		5.0 m height	851	553.15

\*= Cost norms means upper limit of cost for calculation of subsidy

## **B. SCSP Scheme – 2018-19**

**Table 1: SC beneficiaries who have own land on his/ her name - Plain Area**

Sr. No.	Type of Structure	Size Range	Cost norm*Rs./ per sqm	SCSP
				Total Subsidy limit (90%)
A	Naturally Ventilated Poly house (NVPH)	Up to area 500sqm	850	765.00
		>500sqm up to 1008 sqm	800	720.00
		>1008sqm up to 2080 sqm	750	675.00
		>2080sqm up to 4000 sqm	725	652.50
B	Poly house with fan and pad cooling system (NVPH)	Up to area 500sqm	1307	1176.30
		>500sqm up to 1008 sqm	1277	1149.30
		>1008sqm up to 2080 sqm	1197	1077.30
		>2080sqm up to 4000 sqm	1150	1035.00
C	Net House- Tubular structure	with plastic top as addition; >4.00 m height	600	540.00
		Dome shape; >4.00 m height	550	495.00
		Flat shape-all GI; 4.0 m height	475	427.50
		Flat shape- Cable purlin, 4.0 m ht.	349	314.10
D	Walk-In-Tunnel (WIT)/ Single Span NVPH	3.5 m height	590	531.00
		5.0 m height	740	666.00

**Table 2: SC beneficiaries who have own land on his/ her name - Hilly Area**

Sr. No.	Type of Structure	Size Range	Cost norm*Rs./ per sqm	SCSP
				Total Subsidy limit (90%)
A	Naturally Ventilated Polyhouse (NVPH)	Up to area 500sqm	977	879.30
		>500sqm up to 1008 sqm	920	828.00
		>1008sqm up to 2080 sqm	862	775.80
		>2080sqm up to 4000 sqm	834	750.60
B	Polyhouse with fan and pad cooling system (NVPH)	Up to area 500sqm	1503	1352.70
		>500sqm up to 1008 sqm	1469	1322.10
		>1008sqm up to 2080 sqm	1377	1239.30
		>2080sqm up to 4000 sqm	1322	1189.80
C	Net House- Tubular structure	with plastic top as addition; >4.00 m height	690	621.00
		Dome shape; >4.00 m height	632	568.80
		Flat shape-all GI; 4.0 m height	546	491.40
		Flat shape- Cable purlin, 4.0 m ht.	401	360.90
D	Walk-In-Tunnel (WIT)/ Single Span NVPH	3.5 m height	678	610.20
		5.0 m height	851	765.90

\*= Cost norms means upper limit of cost for calculation of subsidy

### **Optional Component Under Net House** **Norms**

In the specifications of INH and net house with cable purlins, Aluminium Screen and shading net has been mentioned as optional component. Following are the rate per sqm of these components.

<b><u>Item</u></b>	<b><u>Unit Rate</u></b>
1. Aluminium Screen	Rs. 79 per sqm.
2. Shading Net 35 to 65% minimum 75 GSM to 90 GSM plastic as top is dome top	Rs. 29 per sqm.

If any farmer willing to install optional component then he/ she will be given additional subsidy on the basis of unit rate mentioned against the item as above subject to size of protected structure sanctioned. Subsidy limit and percentage shall remain same as of protected structure under the guidelines.

**Note: Any material/ component found absent that amount shall be deducted.**

- Area Limit:** the total area limit for assistance per beneficiary is 4000 sqm irrespective of type of structure e.g. one farmer beneficiary can take assistance on either one or in combination of different structure types (NVPH/HTGH/WIT/Net House) up to maximum limit of 4000 sqm.
- Technical Specifications:** The technical specifications of Poly House, Net House and Walk-in-Tunnels is enclosed at **Annexure – III to VIII**.
- Training:** The farmers are advised to have a minimum three days training-cum-workshop regarding awareness on Protected Cultivation, issues related to Cultivation, Construction and Maintenance of Poly houses.

9. **Sanction:** The cases shall be entertained on First Come First Serve Basis. The sanction shall be issued as per norms & guidelines and availability of budget. All the structures sanctioned during current financial year should be completed during same financial year. The validity of sanction letter shall be 90 days or 31<sup>st</sup> March, whichever is earlier from the date of issue. If farmer not start construction work within 30 days after sanction, sanction will be canceled. In case of bankable projects, the financing banks may refer booklet on 'Model Bankable Project on Protected Cultivation in Haryana' published by NABARD, Haryana Regional Office, Chandigarh for issue of loan sanction letter and appraisal report. For release of assistance, the priority shall be given for the projects that are completed on time. If funds are not available, the assistance may not be released.
10. **Construction of Protected Structures:** As farmer is executing the erection and supposed to supervise his/her structure during execution of work, therefore, the farmer is responsible for quality of material and in such cases, Department shall release the subsidy as per fixed norms. Farmer shall undertake installation activity after receiving sanction from DEPARTMENT and complete installation work in a maximum period of **90 calendar days**. The start of period shall be counted from the date of issue of sanction letter. The farmer shall be responsible and liable for installation of structure as per standards applicable.
11. **If the farmer got executed installation of protected structure through the firm, in that case the firm has to provide approved structure and design to the farmer. Such structure must be approved from any authorized Govt. agency in India and abroad. However, minimum standards prescribed under point 7 above shall be followed by the farmer.**
12. The farmers are advised to complete the construction work of structures within same financial year.
13. **Inspection:**
  - i. **GPS coordinate shall be taken of each and every site and to be mentioned in inspection proforma enclosed at Annexure-IX.**
  - ii. **First Inspection:** First inspection shall be conducted by Joint Inspection Team (JIT) of DEPARTMENT consisting of DDH (Field), DHO & HDO concerned and/ or any other nominee appointed by DGH, just after supply of material and completion of foundation work. This inspection will be conducted after call from farmer in written to DHO with assurance that the material supplied is as per component list and the foundation work is complete as per departmental specifications and quantity as per design excluding cladding material. The farmer will keep representative sample of all the components. The JIT may check any of the used material at site and farmer has to facilitate it. In case of bankable cases representative from bank shall be the member of Joint Inspection Team (JIT).
  - iii. **Final Inspection:** Final inspection shall be conducted by JIT of DEPARTMENT (DDH (Field), DHO & HDO concerned and/ or any other nominee appointed by DGH) after intimation by Farmer to DHO, after completion of structure in all respects. Farmer will remain present at the time of physical inspection to be carried out. . In case of bankable cases representative from bank shall be the member of Joint Inspection Team (JIT). The intimation of first and final inspection shall be conveyed to financing bank.
14. **Release of assistance:** The assistance shall be released to farmer after completion of structure in all respects. **The assistance** shall be calculated based on the cost and assistance limit prescribed in point 5 above. Subsidy shall be released to the farmer beneficiary or to the bank as mentioned below:

i. **Non- bankable projects:**

- a) The assistance shall be released directly in the aadhar seeded bank account of beneficiary through DBT only in single instalment after completion of structure in all respects and submission of following documents
  - i. Completion certificate,
  - ii. Final inspection report
- b) Release is subject to availability of funds. Any amount that may be withheld, due to any shortcoming, shall be released on removal of shortcomings. The penalty if any shall be deducted accordingly. Farmer shall be fully responsible for quality and quantity of material used and also for maintenance and repair thereof.

ii. **Bankable projects:** A stakeholders' meet on protected cultivation was held on dated 05-05-2014 in NABARD office. It was decided that in bankable projects only farmer share shall be financed and release of assistance in case of such bank financed project shall be as follows:

- **Release of assistance from DEPARTMENT to bank**
  - **First Instalment:** DEPARTMENT will release 50% of total eligible subsidy to the bank just after issue of sanction letter in subsidy reserve fund/ account of financing bank.
  - **Second Instalment:** Second instalment shall be based on satisfactory second inspection report and amount worked out on the basis of completion of structure and penalty if any. This amount is to be released to the bank after final inspection report.
- **Release of assistance from bank to beneficiary**
  - The bank shall release assistance to the farmer. The assistance shall be released as one instalment on the basis of final inspection report and insurance policy if any.
  - The bank will submit to DEPARTMENT the utilization certificate of subsidy released.
  - The balance lying to the credit of the subsidy reserve funds A/c will not form the part of the Demand and Time Liabilities for the purpose of SLR/CRR. Suitable instructions in this regard by the **RBI** from time to time would be followed.
  - **General Conditions**
    - **Margin:** 10% of the project cost
    - **Repayment:** 5 to 7 years
    - **Reference:** Codified Farm Credit Circular No. 01/13 dated 15.01.2013

## 15. **Farmer Liability**

- i. Land should be suitable for installation of protected structures.
- ii. The farmer will be fully responsible to maintain the structure and cultivate the crops. The beneficiary is bound to utilize the protected structure for a minimum of 8 years period after the completion of structure, failing when the beneficiary is bound to return the assistance provided to him & legal action shall be initiated against the defaulting farmer. In this regard, the concerned beneficiary undertakes the purposeful utilization of structure.
- iii. The beneficiaries should avail training regarding maintenance of structure and crop cultivation in protected structure from department of Horticulture or other reputed Institute.
- iv. The insurance of protected structure (NVPH/HTGH/INH/WIT) shall be the responsibility of farmer. Department shall not be responsible for cropping plan yield, crop damage, damage to structure etc. what so ever the reason may be.

**16. Norms for Assistance on Cost of Cultivation:**

- i. The application for assistance on cost of cultivation shall be considered only after completion of structure.

**ii. For Vegetables**

- Only vegetables suitable for protected structure shall be considered for assistance namely vegetables which are trained on trellising. Vegetables which are grown under open conditions successfully shall not be considered for assistance.
- District Extension Officer shall inspect the field and recommend for release of assistance.
- The assistance shall be given in one instalment one month after plantation.
  - The assistance shall be calculated on pro rata basis i.e. number of plants per sqm.
  - The beneficiary farmer shall have to submit the following:
    - Invoice/ bill of seed or planting material in the protected structure
    - Invoice/ bill of mulching sheet
    - For other inputs bills are not required. It is presumed that farmers have applied the required inputs viz. fertilizers, insecticides, etc. However, inspecting officer shall ensure that the plants are in good condition at site.
- Scheme wise assistance is as under:

Unit Cost Rs. per sqm (vegetables)	IHD @ 50%	SCSP @ 90%
140	70	126

**iii. In case of flowers:**

The assistance shall be released on the basis of:

- JIT (DDH(field), DHO & HDO concerned) will inspect bulbs/planting material before sowing by the farmer
- Original copy of purchase bill and proof of source of planting material (Seed/Bulb/Tissue Culture/Imported) is to be submitted.
- To ensure that farmer shall submit PEQ certificate by CCS, HAU Hisar for availing subsidy on flower bulbs grown under protected structures (poly house/net house/walk-in-tunnels)
- Without PEQ, certificate subsidy shall not be released on any cost.
- The assistance shall be given in two instalments of 50% each. The first instalment shall be given after one month of sowing/plantation. The second instalment shall be given after three months of plantation.
- The assistance shall be calculated on pro rata basis i.e. number of plants per sqm.
- Planting Material Cost Norms grown under poly house/net house/walk-in-tunnels per sqm are as under:

S No.	Item	Lilium			Rose			Carnation			Gerbera			Chrysanthemum		
		Unit	Rate	Amt	Unit	Rate	Amt	Unit	Rate	Amt	Unit	Rate	Amt	Unit	Rate	Amt
1	Soil Sterilization															
	Formalin & Plastic sheet		lump sum	25		lump sum	25		lump sum	25		lump sum	25		lump sum	25
2	Planting Material	22 nos. Per sqm.	Avg. @ 13/- per bulb	286	7 nos. Per sqm.	Avg. @ 20/- per plant	140	22 nos. Per sqm.	Avg. @ 12/- per plant	264	7 nos. Per sqm.	Avg. @ 35/- per plant	245	8 nos. Per sqm.	Avg. @ 9/- per plant	72
3	Fertilizer															
a)	Organic (FYM/Vermi-compost/bon		lump sum	39		lump sum	39		lump sum	39		lump sum	39		lump sum	39

	meal/neem cake)															
b)	Chemical Fertilizers		lump sum	40		lump sum	60		lump sum	60		lump sum	60			
c)	Rice husk/ coco-peat/ inert material		lump sum	17		lump sum	17		lump sum	17		lump sum	17		lump sum	17
4	Preventive Sprays		lump sum	3		lump sum	5		lump sum	5		lump sum	5		lump sum	5
5	Other accessories															
	flower support system		lump sum	16		lump sum	0		lump sum	104		lump sum	0		lump sum	24
	<b>Total amount</b>			<b>426</b>			<b>286</b>			<b>514</b>			<b>391</b>			<b>242</b>
	<b>Eligible assistance</b>															
	<b>IHD @ 50%</b>			<b>213</b>			<b>143</b>	<b>0</b>	<b>0</b>	<b>257</b>	<b>0</b>	<b>0</b>	<b>196</b>	<b>0</b>	<b>0</b>	<b>121</b>
	<b>SCSP @ 90%</b>			<b>383</b>			<b>257</b>			<b>462</b>			<b>351</b>			<b>217</b>
	<i>Note:</i>															
	1. For Dahlia crop total estimated cost is Rs. 190/- per sqm and eligible assistance is @ 50% i.e. Rs. 95/- per sqm under IHD and @ 90% i.e. Rs. 171/- sqm under SCSP.															

**After sales service:** The farmer will take care of structure and maintain for a period of 8 years and will not misuse, change/ modify/ remove/ dispose/ sale the structure.

17. **Testing of Material:** The farmers/beneficiaries may get tested their material used in protected structures from Central Institute for Plasticulture Engineering and Technology, Murthal, Distt.- Sonapat, Haryana or any other Govt. recognised institutes.
18. **Refund of Assistance:** It is assumed that Govt. assistance is provided to the desired beneficiary. In case of any misleading information/facts from beneficiary or by mistake, the beneficiary has to refund assistance amount back to the Government/DEPARTMENT.
19. **Jurisdiction:** For any kind of dispute the jurisdiction shall be of concerned district headquarter only.



**Annexure - I****CHECK LIST OF DOCUMENTS**

(To be submitted by farmer to DHO at the time of application)

From: Name of farmer: \_\_\_\_\_ s/o;d/o;w/o Sh \_\_\_\_\_  
 VPO: \_\_\_\_\_ Teh. \_\_\_\_\_  
 Distt. \_\_\_\_\_  
 Contact No. \_\_\_\_\_

To :

District Horticulture Officer \_\_\_\_\_

Dear Sir,

Kindly find attached the self-attested copies of following documents:

S. No.	Particulars	Document Attached (Yes or No)
1.	POLYNET Registration No.	
2.	Application form (duly filled and signed by applicant, no column shall be kept blank, cutting and over-writing not allowed and latest self-attested photograph of the applicant on specified space must be affixed)	
3.	Copy of Ration Card/ Electricity Bill (self-attested)	
4.	Cost- Estimate, specification and design of structure (duly attested and submitted by farmer)	
5.	Original Copy of Land Records – (not issued before six month back) With <i>Intkal/Zamabandi, sizra</i> latest with Signature of <i>Patwari/Kanungo/Tehsildar</i> (Name of the farmer in land record must be matched with name mentioned in Identity of farmer)	
6.	i) In case of Joint Land Shareholders if Any, undertaking of farmer (as per Form No 4).	
	ii) In case of Joint Land Shareholders only, Land Verification Report of Patwari as per form No. 5 (cutting and over-writing is not allowed in land verification report of Patwari, all columns must be filled up and signed by Patwari as per performa).	

The case is hereby submitted for further necessary action please.

Dated:

Signature

(Name of Farmer)

**Annexure - I (a)****CHECK LIST OF DOCUMENTS**

(To be submitted by farmer to Bank for availing bank loan for protected cultivation)

From: Name of farmer: \_\_\_\_\_ s/o;d/o;w/o Sh \_\_\_\_\_  
 VPO: \_\_\_\_\_ Teh. & Distt. \_\_\_\_\_  
 Contact No. \_\_\_\_\_  
 To : The Branch Manager, \_\_\_\_\_

Dear Sir,

Kindly find attached the self-attested copies of following documents:

1. Furd Jamabandi (Land Ownership Records)
2. Khasra Girdawari (Cultivation Rights)
3. Irrigation facility – Good quality Water
4. Drainage facility
5. Soil (nematode) and Water test report from Agril Dept./Horticulture Dept
6. Electricity Facility
7. Land well connected with mrket
8. Progressive farmers who are already following modern agricultural technologies and have some experience/training in Green house/Poly house (or) Farmers already growing vegetables using latest technologies
9. KYC Documents
  - Identity Proof
  - Address Proof
10. Passport Size Photographs

**Annexure – II**

**DEPARTMENT OF HORTICULTURE**  
**Application Form (Form-1)**  
**(Free of cost)**

**To be filled by farmer**

Affix self-  
attested  
passport  
size  
photograph

**1. General information**

- Name of Scheme: \_\_\_\_\_
- POLYNET Registration No: \_\_\_\_\_
- Applicant Category : \_\_\_\_\_ ( Big Farmer/Marginal Farmer/Small Farmer/Other Farmer).

**2. General Details of Farmer**

- Farmer Name: \_\_\_\_\_ S/o/D/o/W/o: \_\_\_\_\_
- Category (Social Status) \_\_\_\_\_ (GEN/ BC/SBC/SC/ST/Others)
- Gender: \_\_\_\_\_ (M/F), Date of Birth: \_\_\_\_\_
- Educational Qualification \_\_\_\_\_
- AADHAR No.: \_\_\_\_\_
- Address: House No.: \_\_\_\_\_ Gali/Street No. : \_\_\_\_\_

Village: \_\_\_\_\_ Panchyat: \_\_\_\_\_ Block: \_\_\_\_\_ Tehsil :  
 \_\_\_\_\_ District: \_\_\_\_\_ State : \_\_\_\_\_ Pin Code :  
 \_\_\_\_\_ Phone No. (with STD Code) \_\_\_\_\_ Mobile No. \_\_\_\_\_

- **Land detail of farmer**

- i) Land address: Village: \_\_\_\_\_ Block: \_\_\_\_\_  
 Tehsil: \_\_\_\_\_ District: \_\_\_\_\_
- ii) Total land: \_\_\_\_\_ (acres)
- iii) Land Status: \_\_\_\_\_ (Own/Lease)
- iv) Poly house/Net house/WIT proposed area : \_\_\_\_\_ (sqm)
- v) Name of high value vegetable/flower crop to be grown:
- vi) Khasra No. & field No. with *sizra* where structure is to be installed (Land Survey No): \_\_\_\_\_

**3. Bank details** (Farmer where subsidy is to be transferred):

- Name of Bank: \_\_\_\_\_
- Branch Name: \_\_\_\_\_
- IFSC code: \_\_\_\_\_
- Account No. /Subsidy reserve account No: \_\_\_\_\_

**4. Whether availed subsidy benefit earlier under this component:\_\_\_\_\_ (Y/N)**

**if yes, details:**

S. No.	Type of structure	Area (m <sup>2</sup> )	Year of installation	Subsidy amount availed (Rs.)	Name of Authority/Dept.

**5. Cost of structure: Rs. \_\_\_\_\_per sqm.****6. I/We undertake that:**

- 6.1 The dimensions of the structure will fall within area as per revenue record and *sizra*.
- 6.2 The source of irrigation water is available at site.
- 6.3 The Soil & water of site are suitable for crop cultivation.
- 6.4 The proposed site for structure is free from any kind of obstacles. It has minimum distance of 6.5 m or equal to height of boundary wall/other structure whichever is higher from these structures and minimum distance of 5 m from electric pole and wires and to avoid site through which electric wires crisscross, if any.
- 6.5 My/our site is not prone to water stagnation.
- 6.6 Water table is not so high to affect foundation and subsequent cultivation at my/our site.
- 6.7 My/our site has efficient drainage facility.
- 6.8 I/and my fellow farmers agree that I/we have not availed any kind of assistance from any Govt. agency under this component.
- 6.9 That I/we have sufficient knowledge to install and run the protected structure. DEPARTMENT is nowhere responsible.
- 6.10 I/and my fellow farmers agreed to follow the minimum prescribed specifications and terms and conditions lay by Govt./DEPARTMENT.
- 6.11 I/we shall execute the work of MI component through companies/firms registered in Haryana State.
- 6.12 I/we shall intimate DEPARTMENT after completion of structure in all respects. I shall remain present and cooperate at the time of physical inspection to be carried out.
- 6.13 As per requirement of Government contribution entitlement, I/we will maintain structure for 8 years from the date of completion of structure. In case structure is not available on my field during 8 years from the date of completion of structure due to any of reasons, I shall not be entitled for any benefit of subsidies under Govt. scheme and DEPARTMENT is free to take any action against me. Further, I shall return the Govt. subsidy to DEPARTMENT

- 6.14 I/we agreed not to change/modify/remove/dispose/sale the structure during the 8 years period. I shall note that DEPARTMENT will not be responsible for any consequences like Government contribution entitlement variation due to amendments issued by Government, reduction in yield, crop damages etc. arising out of such change/modification/removal/disposal/sale/damage of the structure by me.
- 6.15 In case of any damage due to natural calamities either during construction or thereafter I/we shall be responsible, DEPARTMENT shall not be responsible in anyway.
- 6.16 I/we shall get insured my structure from insurance company and shall be responsible for the same.
- 6.17 I/we should not lodge any false complaint/claim or to create any unpleasant situation and try to settle differences and disputes if any amicably and as far as possible at local level.
- 6.18 I shall abide by the norms and guidelines.
7. I declare that whatever information I have given above is true and any misleading information from my side makes me liable to reject my case for sanction. Violation of any terms and conditions, department may take any appropriate action against me.

Date:

Yours faithfully

Signature of farmer  
(Name: \_\_\_\_\_)

Encls: Documents as per checklist.

(For office use only)

Application receipt No. & Date:	
Date of document checking	
Whether suitable for construction for Protected Structure? (Yes/No)	
Whether recommended for sanction? (Yes/No)	
Document & site checked by : (Name & designation: _____ Signature : _____ Date : _____	

**DEPARTMENT OF HORTICULTURE**  
**Sanction letter (Form-2)**

**To**

\_\_\_\_\_ (Farmer Name)  
 S/o/D/o/W/o : \_\_\_\_\_ House No.: \_\_\_\_\_  
 Gali/Street No. : \_\_\_\_\_ Village: \_\_\_\_\_ Block:  
 \_\_\_\_\_ Tehsil: \_\_\_\_\_ District: \_\_\_\_\_

**Memo. No.** \_\_\_\_\_ **Dated:** \_\_\_\_\_

**Subject: Sanction letter for installation of poly house/net house.**

**Ref: Memo. No.** \_\_\_\_\_ **dated** \_\_\_\_\_.

With respect to above cited subject and reference the sanction is hereby issued to  
 Sh./Smt. \_\_\_\_\_ Vill. \_\_\_\_\_, District \_\_\_\_\_ with the  
 following details:

Application No.	Name of scheme	Type of structure (Poly house/net house/ WIT)	Area of structure (sqm.) and dimension of structure	Total estimated cost (Rs.)	Estimated assistance amount (Rs.)

We issue this sanction letter based on your submission of documents. The sanction is granted subject to the following conditions-

1. You shall follow the Norms and Guidelines of Protected Cultivation Structure (Norms and guidelines for protected cultivation for the year 2018-19) as per policy which are available in the O/o District Horticulture Officer and online of department website. **Copy of specifications is enclosed.**
2. The sanction will remain valid for 90 days after date of issue, if you will not start construction work within 30 days after sanction, your sanction will be canceled.
3. The beneficiary shall follow the Norms and Guidelines of Protected Cultivation Structures as per policy.
4. Beneficiary shall intimate to the DEPARTMENT about the completion of structure.
5. Subsidy shall be released on the satisfactory inspection report of the inspection team and subject to availability of funds. If structure is not completed within 90 days DEPARTMENT is not bound to be released assistance in such case.
6. In case of non-completion of structure, your sanction and seniority shall be withdrawn.

Sign of Sanctioning Authority

CC: A copy of above is forwarded to the following for information and necessary action:

1. The Mission Director, Haryana State Horticulture Development Agency, Udhyan Bhawan, Sector 21, Panchkula, Haryana-134112
2. The Deputy Director, National Horticulture Board, Shop No. 85, Sector 40C, Chandigarh, 160036
3. Lead District Manager, \_\_\_\_\_ (Bank)

Endst No. \_\_\_\_\_

Dated: \_\_\_\_\_.

To

The Branch Manager

\_\_\_\_\_(Name of Branch),

- i. Vide your appraisal of letter no. \_\_\_\_\_ dated \_\_\_\_\_ kindly an amount Rs. \_\_\_\_\_ which is **50% amount** of the total eligible subsidy of the project has been transferred in subsidy reserve fund account. This is a subsidy which will be governed by the bank's norms & guidelines. However, the bank is advised to make liaisoning with our officer while releasing assistance. The work flow of project is as given below:
  - a. The work shall be completed by the farmer within 90 days.
  - b. There shall be physical inspection of project after completion of work in all respect. You are requested to assist Joint Inspection Team (JIT) the information regarding date of visits shall be intimated to you.
  - c. The bank shall release assistance as single instalment after completion of work in all respect on the basis of final inspection report and penalty if any.
- ii. The bank will submit to DEPARTMENT the utilization certificate of subsidy released.
- iii. The balance lying to the credit of the subsidy reserve funds A/c will not form the part of the Demand and Time Liabilities for the purpose of SLR/CRR. Suitable instructions in this regard by the **RBI** from time to time would be followed.

Sign of Sanctioning Authority

## (प्रारूप-3)

(अनुदान के व्लेम के लिए सूचना प्रारूप)  
(कार्य पूर्ण करने उपरान्त किसान द्वारा जारी किया जायेगा)

सेवा में

जिला उद्यान अधिकारी,

----- ।

विषय:- कार्य पूर्ण की सूचना ।

मैंने अपने खेत में ----- वर्गमीटर साईज का ----- (ढांचे का नाम) का निर्माण कार्य विभाग की स्वीकृति, गाईडलाईन, नार्मस एवं स्पैसीफिकेशन्स अनुसार पूर्ण कर लिया है। इसलिये निवेदन है कि विभाग द्वारा इसका भौतिक सत्यापन कर लिया जाये तथा मुझे विभागीय नियमानुसार अनुदान राशि जारी की जाये।

दिनांक:

हस्ताक्षर  
(किसान का नाम)



(Form -4)

**Undertaking/वचन**

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 मैंने आज तक उद्यान विभाग से पोली हाउस/नैट हाउस/वाक इन टनल के लिए कोई भी अनुदान राशि प्राप्त नहीं की है।
3. यह कि हमारी जमीन ..... एकड़ सांझा खाते की है।
4. यह कि मैं कुल जमीन ..... एकड़ का मालिक व काश्त करता है/करती हूँ। मैं गांव ..... तहसील ..... जिला ..... में खेवट नं० ..... खसरा नं० ..... किला नं० ..... पर पोली हाउस/नैट हाउस/वाक इन टनल लगवाना चाहता/चाहती हूँ। उपरोक्त खसरा नं० व किला नं० पर मेरा मालिकाना हक व स्वयं काश्त करता हूँ/करती हूँ।
5. उपरोक्त खसरा नं० व किला नं० में पोली हाउस/नैट हाउस/वाक इन टनल लगाने पर मेरे किसी भी हिस्सेदार को कोई आपत्ति नहीं है। यदि भविष्य में कोई आपत्ति करता है/करती है तो मैं स्वयं जिम्मेदार रहूंगा/रहूंगी। इसमें उद्यान विभाग की कोई जिम्मेदारी नहीं होगी।
6. पोली हाउस/नैट हाउस/वाक इन टनल का डिजाईन उपरोक्त खसरा नं० व किला नं० के लिए दुरुस्त है। डिजाईन से संबंधित कोई आपत्ति आती है तो इसके लिए मेरी स्वयं की जिम्मेदारी होगी।
7. यह कि उपरोक्त खसरा नं० व किला नं० की मिटटी व पानी पोली हाउस/नैट हाउस/वाक इन टनल की खेती के लिए उपयुक्त है व इसकी गुणवत्ता की जिम्मेदारी मेरी स्वयं की है।
8. मैं उद्यान विभाग द्वारा निर्धारित मापदण्डों के अनुसार पोली हाउस/नैट हाउस/वाक इन टनल का निर्माण करूंगा/करूंगी।
9. मैं उद्यान विभाग के मानदण्डों व दिशानिर्देशों का पालन करूंगा/करूंगी।
10. मैं पोली हाउस/नैट हाउस/वाक इन टनल को 8 वर्ष तक सुचारु रूप से चलाऊंगा।
11. यह कि मेरे जमीन संबंधी कागजात व अन्य कागजात मेरे द्वारा जमा किये गये हैं व दुरुस्त हैं। मैं किसी गलत सूचना के लिए जिम्मेदार हूँ।
12. यदि भविष्य में कोई हिस्सेदार या अन्य इस पर न्यायालय में केस दायर करता है/करती है तो उसकी भी जिम्मेदारी मेरी होगी।

दिनांक

प्रार्थी

स्थान

(Form -5)

## POLY HOUSE/NET HOUSE/WIT

**LAND RECORD VERIFICATION FORMAT:-**

Sr. No.	Name & address of farmers	Muraba No.	Killa No.	Farmers land share	
				Kanal	Marla

The above information is verified and correct as per the land revenue record.

Revenue Officer/Patwari

The poly house/net house/walk in tunnel shall be constructed in Killa No\_\_\_\_\_ M.No.\_\_\_\_\_ Village\_\_\_\_\_ block\_\_\_\_\_ which stands in the name of Sh. \_\_\_\_\_S/o\_\_\_\_\_.

HDO Concerned Block

**Annexure-III****Technical specifications of Naturally Ventilated Greenhouse**

S.N.	Items	Description/ Specification
1.	Structure	Naturally Ventilated Greenhouse
2.	Size	500 m <sup>2</sup> to 4000 m <sup>2</sup>
3.	Bay size	8m x 4m, with 4 side hockey 2 mtr
4.	Ridge height	6.5m to 7m
5.	Ridge Vent/Top Vent	80-90 cm opening fixed with 40 mesh nylon insect Screen
6.	Gutter height	4 – 4.5m from floor area
7.	Gutter slope	2% slope need be provided in civil foundation work/ structure.
8.	Gutter Material	2.00 mm thick GI with 220 GSM Galvanization
9.	Structural design	The structural design need to be sound enough to withstand wind speed minimum 120 km/hr minimum load of 25 kg/m <sup>2</sup> . There should be provision for opening one portion at either side for entry of small tractor/power tiller for intercultural practices. The firm needs highlight design features and list of greenhouse clients.
10.	Structure	Complete structure made of galvanized steel tubular pipes of equivalent section conforming Indian Standards having wall thickness 2mm, structural member should be joined with fasteners properly.
	Columns	76mm OD, 2 mm thick
	Trusses	Bottom cord 60 mm OD, 2 mm thick
	Trusses	Top cord 48 mm OD, 2 mm thick
	Purlin	48 mm OD, 2 mm thick
	Truss member& others	33/25 mm, 2 mm thick
	Hockey	60 mm OD, 2 mm thick
	Foundations	Telescopic type. The column size to be 45 cm x 45 cm x 90 cm depth of CC 1:2:4 ratio properly compacted over 10 cm layer of 1:8:16. Two holdfast to be used in perpendicular direction at 20 cm apart in concrete starting from 20 cm from base.
	Fasteners	All nuts & bolts must be of high tensile strength and galvanized.
11.	Entrance room & Door	One entrance room of size 3m X 3m X 3m (L X W X H) need to be provided and covered with 200 micron UV stabilized transparent plastic film. Two hinge doors of size 2 m width & 2.5 m height double leaf made in plastic/FRP sheets mounted in suitable strong frame.
12.	Cladding material	UV stabilized 200 micron transparent plastic films. Conforming Indian Standards (IS 15827: 2009), multilayered, anti-drip, anti- fog, anti-sulphur, diffused, clear and having minimum 85% level of light transmittance.
13.	Fixing of cladding Materials	All ends/joints of plastic film need to be fixed with two way GI profiles with suitable locking arrangement along with curtain top. Wooden batons or PVC grippers need not used.
14.	Spring Insert	Zigzag high carbon steel with spring action wire of 2-3 mm diameter must be inserted to fix sheet into Aluminum Profile.
15.	Curtains and insect screen	Roll up UV stabilized 200 micron transparent plastic film as curtains need be provided up to 3.0 m height on all sides with manual roll up system. 40 mesh nylon Insect proof nets (UV stabilized) of equivalent size need to be fixed Inside the curtains. Anti –flapping strips is suggested to ensure smooth functioning of the curtain.
16.	Shade net	UV stabilized 50% shading net with manually operated mechanism for expanding and retracting. Size of net should be equal to the floor area of greenhouse.
17.	Shade net operations	Non- motorized for all sizes with manual operation system.

18.	Drip Irrigation System with fogging & misting facility	Drip irrigation system under greenhouse need to be selected on the basis of crop spacing design on spacing 30 cm dripper to dripper (two rows per bed) 30cm x 40cm along with fogging and misting facilities. The spacing considered for calculation . The suggested bill of materials are Sand Filter 10 m <sup>3</sup> /hr, Hydrocyclone filter 25m <sup>3</sup> /hr, Screen Filter/Disc Filter 10 m <sup>3</sup> /hr, Control Valve 63mm, Control Valve 50mm, By-pass Assembly 1.5", Air Release Valve, 1", Non Return Valve 1.5", Throttle Valve 1.5", Flush Valve 50mm, Venturi 1.5" Assembly with manifold, PVC pipe 63 mm/4 kg cm <sup>2</sup> , PVC pipe 50 mm/4 kg cm <sup>2</sup> , PVC pipe 63 mm/6 kg cm <sup>2</sup> , PVC pipe 50mm/6kg/cm <sup>2</sup> , PE plane lateral 16 mm, emitting pipe lateral 16mm - @ 0.30 m to 0.40m spacing, hanging type micro sprinkler nozzle (four-way take off assembly) for very fine water particles (foggers & mister) to be fixed in PE pipe of diameter 16mm and fittings & accessories @ 5%. <u>Note: The above list of material is indicative list for 500 sqm structure area. The material may increase/decrease based on the size of structure.</u>
19.	Bottom apron	UV stabilized woven fabric 160 GSM/200 micron poly film and a height of 1 m above ground and 50 cm buried below ground (Total width 1.5 m)
20.	Trellising System	Base wire 8 mm or GI Pipe 60 mm OD, 2 mm thick ii) Trellising wire 3 mm steel or 2 mm gear wire iii) Supporting wire 4 mm steel or 3 mm gear wire

**Annexure-IV****Technical specifications of Greenhouse with Fan & Pad cooling System**

Sr.No.	Items	Description/ Specification
1.	Product	Greenhouse with Fan & Pad cooling
2.	Size	500 m <sup>2</sup> to 4000 m <sup>2</sup>
3.	Bay size	8m x 4m, with 4 side hockey 2 mtr
4.	Ridge height	6 m
5.	Gutter height	4 – 4.5 m from floor area
6.	Gutter slope	2% slope need be provided in civil foundation work/ structure.
7.	Gutter Material	1.8 mm thick GI with 220 GSM Galvanization
8.	Structural design	The structural design need to be sound enough to withstand wind speed minimum 120 km/hr and minimum load of 25 kg/m <sup>2</sup> . There should be provision for opening one portion at either side for entry of small tractor/power tiller for intercultural practices. The firm needs highlight design features and list of greenhouse clients.
9.	Structure	Complete structure made of galvanized steel tubular pipes of equivalent section conforming Indian Standards having wall thickness 2mm, structural member should be joined with fasteners properly.
	Columns	76mm OD, 2 mm thick
	Trusses	Bottom cord 60 mm OD, 2 mm thick
	Trusses	48 mm OD, 2 mm thick
	Purlin	48 mm OD, 2 mm thick
	Truss member& others	33/25 mm, 2 mm thick
	Hockey	60 mm OD, 2 mm thick
	Foundations	Telescopic type. The column size to be 45 cm x 45 cm x 90 cm depth of CC 1:2:4 ratio properly compacted over 10 cm layer of 1:8:16. Two holdfast to be used in perpendicular direction at 20 cm apart in concrete starting from 20 cm from base.
	Fasteners	All nuts & bolts must be of high tensile strength and galvanized.
10.	Entrance room & Door	One entrance room of size 3m X 3m X 3m (L X W X H) need to be provided and covered with 200 micron UV stabilized transparent plastic film. Two hinge doors of size 2 m width & 2.5 m height double leaf made in plastic/FRP sheets mounted in suitable strong frame.
11.	Cladding material	UV stabilized 200 micron transparent plastic films. Conforming Indian Standards (IS 15827: 2009), multilayered, anti-drip, anti- fog, anti-sulphur, diffused, clear and having minimum 85% level of light transmittance.
12.	Fixing of cladding materials	All ends/joints of plastic film need to be fixed with two way GI profiles with suitable locking arrangement along with curtain top. Wooden batons or PVC grippers need not used.
13.	Spring Insert	Zigzag high carbon steel with spring action wire of 2-3 mm diameter must be inserted to fix shade net into Aluminum Profile.
14.	Co-axial fan	Co-axial fan (ISI mark) of minimum 1200 mm diameter containing 6 numbers of GI sheet blades, frame is of GI sheet materials followed by aluminum louver. 12 Fans per acre.
15.	Cellulose pad for cooling	Cellulose pad of thickness 4” – 6” thick, height: 5’, width as desired equipped with anodized aluminum frame. Cooling pad complete with all necessary framing material (Aluminum) as required for distribution

		and return, gutter, down spout cap and drip pan, plumbing kit, pump 220 Volt single phase, suspension hardware, metal flashing required to seal pad for vent opening over flow 20 mm PVC & 40mm standard sink drain.
16.	Circular pump with accessories for cooling pad	Circular pump with required capacity & accessories to be provided for wetting & circulating the pad area.
17.	Digital controller with sensory devices	The necessary digital controller with sensory device & accessories of standard quality (at least two units for 500 sqm area) should be provided to operate the fan & pad system to control temperature & humidity inside the Greenhouse.
18.	Electric wiring inside greenhouse	Use copper wire to withstand desired load of required electrical gadgets/appliances with ISI mark.
19.	Shade net	UV stabilized 50% shading net with manually operated mechanism for expanding and retracting. Size of net should be equal to the floor area of greenhouse.
20.	Drip Irrigation System with fogging & misting facility	Drip irrigation system under greenhouse need to be selected on the basis of crop spacing design on spacing 30 cm dripper to dripper (two rows per bed) 30cm x 40cm along with fogging and misting facilities. The spacing considered for calculation . The suggested bill of materials are Sand Filter 10 m <sup>3</sup> /hr, Hydrocyclone filter 25m <sup>3</sup> /hr, Screen Filter/Disc Filter 10 m <sup>3</sup> /hr, Control Valve 63mm, Control Valve 50mm, By-pass Assembly 1.5", Air Release Valve, 1", Non Return Valve 1.5", Throttle Valve 1.5", Flush Valve 50mm, Venturi 1.5" Assembly with manifold, PVC pipe 63 mm/4 kg cm <sup>2</sup> PVC pipe 50 mm/4 kg cm <sup>2</sup> , PVC pipe 63 mm/6 kg cm <sup>2</sup> , PVC pipe 50mm/6kg/cm <sup>2</sup> , PE plane lateral 16 mm, emitting pipe lateral 16mm - @ 0.30 m to 0.40m spacing, hanging type micro sprinkler nozzle (four-way take off assembly) for very fine water particles (foggers & mister) to be fixed in PE pipe of diameter 16mm and fittings & accessories @ 5%. Note: The above list of material is indicative list for 500 sqm structure area. The material may increase/decrease based on the size of structure.
21.	Footpath	1m wide and 10 cm thick footpaths should be provided in the centre (length x width) & made of cement concrete ratio of 1:2:4.
22.	Curtain wall/Apron	22 cm brick wall of 1m height (24 cm below and 80 cm above ground level on all the four sides. The wall needs to be plastered and water proofing cement with 1:6 ratio. Provision to be made for opening & closing of ventilation
	Note: Optional items –system in case of power failure	
23.	Curtain and insect screen	Roll up UV _tabilized 200 micron transparent plastic film as curtain need to be provided upto height 3.0 meter on all side having automatic type motor operated crank mechanism system. However provision for manual opening and closing of curtains need also be provided.40 mesh insect proof net (UV _tabilized) of equitant size need to be fixed inside the curtain. Anti – flapping strip is suggested to insure smooth functioning of curtain.

## Annexure-V

## Technical specifications of Insect Net House

S.N.	Item	Specification
01	Structure	Flat/Dome shape Shade/Insect Net House
	Size	According to requirement
	Shape	As per design
	Withstand to wind velocity	Structure may be design to withstand wind velocity upto 104 Km/hr, 120 km/ hour per hrs in high wind velocity zone.
	Foundation	2mm thickness GI Pipes compatible with columns, length 1.2m
	Main Column	Size 76 OD, Thickness 2 mm,
	Purlins	Purlin GI pipes – size 48/43 OD/thickness 2 mm, length – 4 m .Purlin members – 33/32mm OD/2mm thickness,
	Corner/Hockey	Size 60 OD, Thickness 2 mm, Wt. per length 0.15 kg, length-0.15 m
	Four Way Pipe Couplers	Size 42 OD, Thickness 2 mm, Wt. per length 0.15 kg, length-0.15 m
	Five Way Pipe Couplers	Size 42 OD, Wt. per length 2.30 kg, Thickness 2 mm, length-0.15 m
	Nut Bolts	Size 3/8"
	Grid Size	4x4, 8x4, 4x6 (m) with 2 mtr hockey on 4 side
	Gable length	4.0 m
	Centre Height	Flat Structure – 4m Hut/dome type structure – centre height – 4.5 to 5m, side height – 3m with 48mm truss, 33mm truss member and 42mm purlin
2.	Aluminum Profile	C type GI profile to fix shade net to the structure by means of self-tapping screws. Weight of GI profile is 280-300 gm/meter. Self-Drilling Screw be fixed on profile every 40 cm along the full length of the profile
3.	Spring Insert	A coated spring is preferable compared to cold galvanized spring as a coated spring transfer less heat to the plastic and thus enhances the life of the plastic If we are using GI spring it is better to use a two inch strip of new poly film to be placed over the main plastic in the profile and then lock it with GI profile. This will help in longer life of the plastic as the rusted spring will not directly come in contact with the main plastic. Wire material should be high carbon spring steel with spring action
4	Covering material	40 mesh insect net
5	Door	Polycarbonate/polythene sheet door with 1 m widths and 2m height and another door of 1m x 2m Box section frame is embedded inside for the strength.
6	Anti- Room	Anti-room of size 4mx 3m attached to net house
7	civil work/foundation	Cement concrete 1:2:4 block of size 40 cm x 40cm, 90 cm for embedding vertical poll/pipe of shade net, subject to revision as per requirement of site.
8	Overall slop	1 to 1.5%
9	APRON	Use of APRON upto 1 mtr height stitched with insect net / shade net
10	Drip irrigation and fogging system	Drip irrigation and fogging system as per area of the structure.
11	Trellising System	i) Base wire 8 mm or GI Pipe 60 mm OD, 2 mm thick
		ii) Trellising wire 3 mm steel or 2 mm gear wire
		iii) Supporting wire 4 mm steel or 3 mm gear wire
12	Optional	Aluminum Screen Shade Net 35 to 65% minimum 75 GSM to 90 GSM plastic as top is dome top.

**Annexure-VI****Technical specifications of Tubular Structures with cable purlins Net House**

S.N	Item	Indicative Specifications
1.	Structure	Tubular Structures with cable purlins Net House
2.	Size	According to requirement
3.	Shape	As per design
4.	Withstand to wind velocity	Structure may be design to withstand wind velocity upto 104 Km/hr 120 km/hour per hrs in high wind velocity zone.
5.	Main Column	Exterior corner 76 OD, 2.65 mm thick, height of pole 4m Exterior side/peripheral column 76 OD, 2.65 mm thick, height of pole 4m Interior column 60 OD, 2mm thick, height of pole 5 m i.e. (4 mtr. above ground level+1 mtr. below ground level)
6.	Balcony	3.5 mtr. Supported with 6mm thick anchor cable
7.	Trellis System	8mm thick (1/19) main cable at both gable ends/sides 4 mm thick base cable and 3 mm thick trellising twisted cable (4mm thickness if twisted wire thickness included) as supporting cable along with trellising chain and trellising chain holder.
8.	Clamps	Clamps-triple wire connector, 6mm thick wire cable clamp
9.	Nut Bolts	Tighten bolt 3/8", 120 mm; Tighten bolt 3/8", 90 mm; Tighten bolt 3/8", 100 mm, Eye bolt 3/8", 120mm
10.	Spacing	5 x 8 mtr., spacing 4 x 5 mtr. at both outer sides
11.	Centre Height	4.0 mtr. in case of flat structure.
12.	Accessories	Cable hold small plate, cable hold large plate, 3" pipe plastic cup, 2" pipe plastic cup, 14mm iron pins, screen red rolls, screen pipe housing, net niddles, net oval connectors, net hook connectors, simes
13.	Insect Proof Net & Shade Net	40 mesh insect net shade net on roof, 40 mesh anti-insect net at sides
14.	Entrance & anti room	Entrance – G.I. frame with poly carbonate sheet 2m x 2m size hinged type with locking arrangement. (Anti room of size 2m x 4m x 2m with double door and covering of insect net/shade net, with provision of entry and exist for tractor), 50 mm PCC flooring over 75 mm thick sub base.
15.	Foundation	Outer anchor: 1.8 mtr length anchor with 1 mtr depth PCC of CM ratio (1:2:4) of 45 cm diameter. Outer pole: 50 cm length, 25 mm dia. Bent iron pin/rod in 0.5 mtr depth PCC of CM ratio (1:2:4) of 45 cm diameter. Intermediate pole: in a pit of 45 cm dia, the pole is inserted 1 mtr. Deep, rested on plates for foundation and is placed in 25 cm thick PCC of CM ratio 1:2:4
16.	Iron accessories for foundation	Anchor, bent iron pin/rod, inner column base angles/foundation plates for intermediate poles
17.	Drip irrigation and Fogging system	Drip irrigation and Fogging system as per area of the structure.
18.	Optional	Aluminium Screen Shade Net 35 to 65% minimum 75 GSM to 90 GSM plastic as top is dome top.



## Annexure-VII

**Technical Specifications of Walk in Tunnels (5 mtr Height)**

Sr. No.	Component/ Intervention	Specifications
<b>A</b>	<b>Particulars</b>	
	<b>Structure</b>	WIT
1.	Area Proposed approximate (sqm)	400 to 600
2.	Length of Tunnel (mtr)	Upto 60
3.	Width of Tunnel (mtr)	8-10
4.	Center height (mtr)	5
5.	Distance between 2 arches (mtr)	4
6.	Height of side curtain (mtr)	2.5
7.	Bottom Apron (mtr)	0.5 mtr
<b>B</b>	<b>Name of the parts</b>	
8.	Foundation stub OD/mm	60/2
9.	Column OD/mm	76/2
10.	Bottom Chord OD/mm	48/2
11.	Arches with W bracings OD/mm	48/2
12.	Purlins OD/mm	42/2
13.	Clamps and nut bolts	As per requirement
14.	Cross bracings	4 nos. & 42/2
15.	W-Bracing OD/mm	33/2
<b>C</b>	<b>Entry Room</b>	
16.	Entry room size mtr x mtr	3 x 2 x 2.5
17.	No of doors	2
18.	Door Size	1.2 x 2
19.	Frame of door (ISA four side to cover the gap below the door)	G.I.
20.	Part of door	Square pipe with poly carbonated sheet/Bakelite sheet 5 mm
21.	Flooring	Bricks flooring with 15 mm thick plaster
<b>Sr. No.</b>	<b>Component/ Intervention</b>	<b>Specifications</b>
<b>D</b>	<b>Profiles and springs</b>	
22.	Profile	GI Profile- 300gr per running mtr
23.	Zigzag spring insert	High carbon steel wire repeated action, 2.3 mm dia, GI
<b>E</b>	<b>Polyfilm</b>	
24.	Multi-layered Polythene sheet	Fixed Properties – 200 micron thick, UV stabilized, Thermic, diffused, Anti dust Anti drip. Optional Property- Anti Sulphur for the crops where sulphur consumption is high For ex – rose cultivation (As per farmer choice)
	<b>Nets</b>	
25.	Insect net to both sides Mesh	40 mesh, UV Stabilized, 2.5 m width (height)
<b>F</b>	<b>Specific Requirements</b>	
26.	Foundations (cm x cm x cm)	Telescopic type. The column size to be 40 cm x 40 cm x 80 cm depth of CC 1:2:4 ratio properly compacted over 10 cm layer of 1:8:16. Two hold fast to be used in perpendicular direction at 20 cm apart in concrete starting from 20 cm from base.
27.	Bottom apron (micron)	UV stabilized woven polythene 160 GSM and a height of 0-5/0-6 m above ground and 50 cm buried below ground with 25 mm role up curtain.
28.	Side wall curtain (mm)	Insect net 40 mesh fixed and polythene movable fitted to curtain pipe with plastic/GI clamps and rolling curtain with 25 mm supported by GI guard 20 mm OD pipes 2 mm thick on corridor pipes

<b>G</b>	<b>MI Component (To be got executed by shortlisted firm from MI empaneled firms in the State)</b>	
<b>1.</b>	<b>Drip System</b>	
i.	(PVC 50 mm x 6 kg/cm <sup>2</sup> )	18 mtr
ii.	LLDPE Lateral line CL-2 16mm	75 mtr
iii.	(16mm, 1.3 to 2.4 LPH @ 30-40 cm CL2)	600 mtr to 610 mtr
iv.	Ball Valve 50 mm (Teflon Seal, Plain)	1 Nos.
v.	Sub-main Flush Valve 40 mm	2 nos.
vi.	Sub-main line for Flushing 40 mm, 6kg	20 mtr
<b>2.</b>	<b>Filteration Unit</b>	
i.	Disc filter 25 m3/hr	1 nos.
ii.	Ventury injector complete Assembly 1 inch	1 nos.
iii.	Air Release Valve Assembly 1"	1 nos.
	Any other item	as per requirement

Remark: Sand filter/hydro cyclone filter is mandatory for structures/no. of units having area more than 2000 sqm.

**Annexure-VIII****Technical Specifications of Walk in Tunnels (3.5 mtr Height)**

Sr. No.	Component/ Intervention	Specifications
<b>A</b>	<b>Particulars</b>	
	Structure	WIT
1.	Area Proposed approximate (sqm)	400 to 600
2.	Length of Tunnel (mtr)	Upto 60
3.	Width of Tunnel (mtr)	8-10
4.	Center height (mtr)	3.5
5.	Distance between 2 arches (mtr)	4-5
6.	Height of side curtain (mtr)	2
7.	Bottom Apron (mtr)	0.5 mtr
<b>B</b>	<b>Name of the parts</b>	
8.	Foundation stub OD/mm	48/2
9.	Column OD/mm	60/2
10.	Bottom Chord OD/mm	48/2
11.	Arches with W bracings OD/mm	43/2
12.	Purlins OD/mm	43/2
13.	Clamps and nut bolts	As per requirement
14.	Cross bracings	4 nos. & 33/2
15.	W-Bracing OD/mm	33/2
<b>C</b>	<b>Entry Room</b>	
16.	Entry room size mtr x mtr	2 x 2/ 3 x 2/ 3 x 3
17.	No of doors	2
18.	Door Size	1.2 x 2
19.	Frame of door (ISA four side to cover the gap below the door)	G.I.
20.	Part of door	Aluminium sheet/Poly carbonate, sheet 5 mm thick
21.	Flooring	Bricks flooring with 15 mm thick plaster
<b>D</b>	<b>Profiles and springs</b>	
22.	Profile	GI Profile- 300gr per running mtr or Aluminium Profile-200-225gr per running mtr
23.	Zigzag spring insert	High carbon steel wire repeated action, 2.3 mm dia, GI
<b>E</b>	<b>Polyfilm</b>	
24.	Multi-layered Polythene sheet	Fixed Properties – 200 micron thick, UV stabilized, Thermic, diffused, Anti dust Anti drip. Optional Property- IR Reflective Cooling, Anti Sulphur for the crops where sulphur consumption is high For ex – rose cultivation (As per farmer choice)
	<b>Nets</b>	
25.	Insect net to both sides Mesh	40/50 mesh, UV Stabilized, 2 m width (height)
<b>F</b>	<b>Specific Requirements</b>	
26.	Foundations (cm x cm x cm)	Telescopic type. The column size to be 45 cm x 45 cm x 60 cm depth of CC 1:2:4 ratio properly compacted over 10 cm layer of 1:8:16. Two hold fast to be used in perpendicular direction at 20 cm apart in concrete starting from 20 cm from base.
27.	Bottom apron (micron)	UV stabilized woven polythene 160 GSM and a height of 0-5/0-6 m above ground and 50 cm buried below ground
28.	Side wall curtain (mm)	Insect net 40/50 mesh fixed and polythene movable fitted to curtain pipe with plastic/GI clamps and supported by GI guard 20/22 mm OD pipes 2-0 mm thick on corridor pipes

Sr. No.	Component/ Intervention	Specifications
<b>G</b>	<b>MI Component (To be got executed by shortlisted firm from MI empaneled firms in the State)</b>	
	<b>Drip System</b>	
i	(PVC 50 mm x 6 kg/cm <sup>2</sup> )	18 mtr
ii	LLDPE Lateral line CL-2 16mm	16 mtr
iii	(16mm, 1.3 to 2.4 LPH @ 30-40 cm CL2)	450 mtr to 550 mtr
iv	Ball Valve 50 mm (Teflon Seal, Plain)	1 Nos.
v	Sub-main Flush Valve 40 mm	2 nos.
vi	Sub-main line for Flushing 40 mm, 6 kg	20 mtr
	<b>Filteration Unit</b>	
i	Disc filter 25 m3/hr	1 nos.
ii	Ventury injector complete Assembly 1 inch	1 nos.
iii	Air Release Valve Assembly 1"	1 nos.
iv	Any other item	as per requirement

The farmer constructs the structure on its own, in such cases the design and specification should be as per NCPAH norms and guidelines or any other approved source. In such case the entire responsibility of quality and durability of structure revert with farmer.

The alternate specification may be accepted if it has been approved by recognized structure engineering institution. In such cases the approved copy of structure must be attached with application form further quality and durability of structure shall be responsibility of firm and farmer must agree to the firm design and specification.

**Annexure-IX (a)**

**Performa for Physical Verification**  
**( Poly House/ Net House/ Waking in Tunnel )**

**First Inspection Report**  
 (After foundation and supply of material)

Name & Add.of Beneficiary:		
Date of inspection:		
S. No	Item.	Observations
<b>A.</b>	<b>General Details</b>	
1	Sanction Letter Issued by DHO: Number & Date	
2	Location of Structure (Khasra No. & Killa No.) :	
3	Co-ordinates of site (N, S, E & W)	
<b>B.</b>	<b>Structure type &amp; size</b>	
1	Type of structure (poly house/net house/ Walk-In-Tunnel)	
2	Type of Steel Material (Tubular/Channel/Square/Rectangular)	
3	Size of structure:(Gable Length X Gutter Length) = sqm	
<b>C.</b>	<b>Foundation inspection</b>	
4	Length of insertion pipe	
5	Thickness of insertion pipe	
6	Size of filled material in the foundation (Length x width x depth)	
7	Structure specification and quantity (Certificate and list to be submitted by the firm that the material supplied is as per design and specification)	
8	Whether the material is complete or not. (Inspection team will check the material as per the component wise list)	
9	Galvanization of structural parts (The certificate of Galvanization of structural part is attached or not)	
10	Shape of structure (regular /irregular)	
11	Remarks:-	

**DDH/ Field****DHO****HDO  
concerned****Farmer**

**Annexure-IX (b)**

**Performa for Physical Verification**  
**Final Inspection Report of Protected Structures (NVPH)**

S. No.	Particulars	Details
A 1.	Date of Inspection	
2.	Name & Add. of Beneficiary	
3.	Co-ordinates of site (N, S, E & W)	
4.	Location of Structure	Khasra No. Kila No.
5.	Grantee & Warrantee Certificate (Yes or No)	
B	<b>Components</b>	<b>Observations</b>
6.	Size of Structure: (Gutter length X Gable length)	.....X.....=.....sqm
7.	Main Columns	
8.	Purlin & Trusses	
9.	Clamps, Nut Bolts Fasteners	
10.	Grid size/Span size	
11.	Centre Height/Gutter height ( m)	
12.	Profile & Spring Insert	
13.	Balcony & Corridor	
14.	Side wall curtain	
15.	Bottom apron	
16.	Entrance & Doors	
17.	Poly film	
18.	Insect Proof Net /Shade Net on sides	
19.	Shade Net above trellising system	
20.	Trellis System.	
21.	Foundation	
C	<b>Irrigation System</b>	
22.	Filtration Unit	
23.	Drip irrigation system	
24.	Fogging/misting system	
25.	Rain water pipe	
26.	Remarks/ Recommendations:	

**DDH/ Field****DHO****HDO  
concerned****Farmer**

**Annexure-IX (c)**

**Performa for Physical Verification**  
**Final Inspection Report of Protected Structures (Net House)**

S. No.	Particulars	Details/ Observation
A 1.	Date of Inspection	
2.	Name & Add. of Beneficiary	
3.	Co-ordinates of site (N, S, E & W)	
4.	Location of Structure	Khasra No. Kila No.
B	<b>Components</b>	<b>Observations</b>
5.	Type of Structure	
6.	Size of Structure:(length X length ) in m	.....X.....= .....sqm
7.	Main column and spacing	
8.	Purlin and truss members	
9.	Four way & five way Couplers	
10.	Nut Bolts & clamps	
11.	Centre Height	
12.	Profile-	
13.	Zigzag spring	
14.	Insect net	
15.	Entrance& Door	
16.	Trellis System	
17.	Foundation	
18.	Bottom Apron	
19.	Shade net System	
C	Irrigation System	
20.	Filtration Unit	
21.	Drip irrigation system	
22.	Fogging/misting system	
23.	Remarks/Recommendation:-	

DDH/ Field

DHO

HDO  
concerned

Farmer

**Annexure-IX (d)**

**Performa for Physical Verification**  
**Final Inspection Report of Protected Structures (WIT)**

S. No.	Particulars	Details/ Observation
A 1.	Date of Inspection	
2.	Name & Add. of Beneficiary	
3.	Co-ordinates of site (N, S, E & W)	
4.	Location of Structure	Khasra No. Kila No.
B	<b>Components</b>	<b>Observations</b>
5.	Type of Structure	
6.	Size of Structure:(length X length ) in m	.....X.....= .....sqm
7.	Main column and spacing	
8.	Main Column	
9.	Purlin GI pipes	
10.	Nut Bolts & clamps	
11.	Centre Height	
12.	Profile	
13.	Zigzag spring	
14.	Entrance-	
15.	Trellis System	
16.	Foundation	
C	Irrigation System	
17.	Filtration Unit	
18.	Drip irrigation system	
23.	Remarks/Recommendation:-	

**DDH/ Field****DHO****HDO  
concerned****Farmer**



**Annexure-IX (e)****Performa for Physical Verification****Final Inspection Report of Protected Structures (Net House cable purlin)**

S. No.	Particulars	Details/ Observation
A 1.	Date of Inspection	
2.	Name & Add. of Beneficiary	
3.	Co-ordinates of site (N, S, E & W)	
4.	Location of Structure	Khasra No.                      Kila No.
B	<b>Components</b>	<b>Observations</b>
5.	Type of Structure	
6.	Size of Structure:(length X length ) in m	.....X.....= .....sqm
7.	Guarantee & Warrantee Certificate	
8.	Main Column	
9.	Balcony	
10.	Trellis System	
11.	Centre Height	
12.	Accessories	
13.	Insect roof Net	
14.	Shade Net	
15.	Entrance & doors	
C	Irrigation System	
16.	Filtration Unit	
17.	Drip irrigation system	
18.	Fogging/misting system	
19.	Remarks/recommendations:	

**DDH/ Field****DHO****HDO  
concerned****Farmer**

**Subsidy on other components shall be released on the basis of guidelines issued and applicable in the year 2014-15.**

# **Detailed Guidelines and Justification**

## **for**

### **Community tank/ on farm pond/ on farm water reservoir**

**1. Cost and Assistance:** - According to availability of sources, location and beneficiary's requirement, the different standard sizes are made for construction of community water tank that will be executed in the State (as given below): -

Calculation of area, capacity, area coverage and amount of assistance:

**TABLE-A**  
**SIZE, CAPACITY & COST OF WATER TANK**  
**(BASED ON HSR, 2012 EFFECTIVE FROM 26.6.2012)**  
**ONLY FOR PLAIN AREAS (Not for hilly areas)**

Sr. No	Tank Size (Ft)			Depth (ft)	Side Slope	Capacity (liters)	Tank with poly lining (500 micron and above)		Tank with brick work including polythene sheet		Corresponding Coverage Area (Ha)
	Top Size (ft)	Bottom Size (ft)	Mean (ft)				Rate per liter with polythene sheet in Rs.	Corresponding amount of subsidy (Rs. in lakh)	Rate per liter with masonry work in Rs.	Corresponding amount of subsidy (Rs. in lakh)	
1	2	3	4	5	6	7	8	9	10	11	12
1	23x23	10x10	16.50x16.50	6.50	1:1	50,000	0.43	0.22	1.26	0.63	0.4
2	25.00x25.00	11.50x11.50	18x18	6.50	1:1	60,000	0.42	0.25	1.17	0.70	0.5
3	26.50x26.50	13.50x13.50	20x20	6.50	1:1	70,000	0.39	0.27	1.11	0.78	0.6
4	27.50x27.50	14.50x14.50	21x21	6.50	1:1	80,000	0.38	0.31	1.05	0.84	0.7
5	28.75x28.75	15.50x15.50	22x22	6.50	1:1	90,000	0.36	0.32	1.00	0.90	0.8
6	29.50x29.50	16.50x16.50	23x23	6.50	1:1	1,00,000	0.35	0.35	0.95	0.95	0.9
7	60x36	40x16	50x26	10	1:1	3,50,000	0.26	0.91	0.64	2.25	1.0
8	65x55	45x35	55x45	10	1:1	7,00,000	0.18	1.26	0.48	3.34	2
9	80x70	44x34	62x52	12	1:1.5	10,50,000	0.18	1.89	0.46	4.85	3
10	90x78	54x42	72x60	12	1:1.5	14,00,000	0.18	2.52	0.41	5.80	4
11	100x84	64x48	82x66	12	1:1.5	17,50,000	0.18	3.15	0.37	6.50	5
12	100x96	64x60	82x78	12	1:1.5	21,00,000	--	--	0.36	7.50	6
13	120x90	84x54	102x72	12	1:1.5	24,50,000	--	--	0.34	8.40	7
14	120x100	84x64	102x82	12	1:1.5	28,00,000	--	--	0.33	9.30	8
15	120x110	84x74	102x92	12	1:1.5	31,50,000	--	--	0.32	10.15	9
16	120x120	84x84	102x102	12	1:1.5	34,80,000	--	--	0.32	11.00	10
17	130x120	94x84	112x102	12	1:1.5	38,30,000	--	--	0.31	12.00	11
18	140x120	104x84	122x102	12	1:1.5	41,70,000	--	--	0.30	12.75	12
19	140x125	104x89	122x107	12	1:1.5	43,50,000	--	--	0.30	13.30	12.5
20	150x120	114x84	132x102	12	1:1.5	45,00,000	--	--	0.30	13.65	13
21	150x128	114x92	132x110	12	1:1.5	48,70,000	--	--	0.30	14.50	14
22	150x136	114x100	132x118	12	1:1.5	52,00,000	--	--	0.29	15.50	15
23	160x134	124x98	142x116	12	1:1.5	55,94,000	--	--	0.31	17.19	16
24	160x142	124x106	142x124	12	1:1.5	59,80,000	--	--	0.31	18.28	17
25	160x148	124x112	142x130	12	1:1.5	62,69,000	--	--	0.30	19.09	18
26	160x156	124x120	142x138	12	1:1.5	66,55,000	--	--	0.30	20.00	19

## 2. Eligibility Criteria and terms and conditions

- i) The tank will be built under Community tank/ on farm pond/ on farm water reservoir component of IHD (Non NHM District).
- ii) The community/farmer group must have 4 or more beneficiary families with required catchment area.

### **Conditions for Eligibility**

- i) The land ownership community/farmer group's member shall be ensured from revenue record.
- ii) The farmers who have taken any assistance for the same purpose from any other Govt. source under any scheme will not be eligible.
- iii) The beneficiaries will submit an undertaking with respect to that they are in agreement with the terms and conditions.
- iv) The community/farmer group should have a permanent source of quality water fit for horticultural crops for filling the water tank.
- v) The area which is to be irrigated from tank as per the capacity of tank approved from the competent authority will compulsory be developed under horticulture crops.
- vi) All such area must be brought under Micro Irrigation System. The crops in any of the case whether fruits or vegetables must be under drip (Drip system and/or mini sprinkler system).
- vii) Assistance is limited to maximum 20 lacs per community/farmer group.
- viii) Assistance norms which are applicable at the time of sanction of case, shall be followed.

### **Tank Construction and Maintenance Conditions**

- i) The tank will be built by the beneficiaries from their own resources and by themselves by engaging qualified engineers and skilled manpower.
- ii) They shall be fully responsible for quality of work and work will be completed as per design and specification.
- iii) The farmer group/community shall have to bear all maintenance cost of tank in future.
- iv) They shall not make any claim whatsoever due to faulty design and lack of construction quality done by farmers themselves.
- v) All the beneficiary under one group/community will be having rights for using the water of community tank and will share the community tank for horticultural purposes
- vi) The expenditure over and above cost estimate is to be borne by the community/farmer group.
- vii) The beneficiary shall have to bear the cost of construction for bringing water from water source to water pond however they may avail assistance from any other scheme of the Govt. for construction of such water conveying system.

**Conditions for Release**

- i) They shall be eligible for full assistance only when all the integrated components are completed and as per the terms and stages fixed for release of assistance.
- ii) They will refund the payment released to them in case of violation of terms and conditions and guidelines of Govt. of India.
- iii) The decision of the District Horticulture Mission Committee so constituted by DHMIU will be final and binding on all such farmer group/community.

**3. Application & Documents:**

- i) Farmers will submit application form along with the information/detail required in checklist/ performa prescribed by HSHDA (copy enclosed).
- ii) An undertaking is required from community/farmer group in prescribed performa.
- iii) The community/farmer group will get estimate of water tank from Civil Engineer like XEN"s/SDO"s of PWD/ Irrigation/ Panchayati Raj Department, ASCO"s/DSCO"s of Agriculture or any registered and approved Architect or prepared by HSHDA.
- iv) HDO will ensure that documents are complete and duly checked by APO & verified by concerned DHO.
- v) In case of more applicant "first come first serve" policy will be adopted. HDO and DHO will keep proper record of it.
- vi) Land record should be as per fard/jamabandi or in prescribed performa verified by Revenue Patwari and concerned DHO.

**4. Release of Subsidy:**

- i) Physical verification will be done by committee constituted at District level.
- ii) HDO and DHO will ensure to use the stored water for horticultural crops only with Micro Irrigation System.
- iii) Criteria are framed with 4 stages for release the subsidy (as given below) in the benefit of farmers.

**5. Stages for release of Assistance**

Stage	Work	Assistance (%)
First	- Excavation and earth work complete including removing of excavated earth. - Cement Concrete in Foundation & sub base of floor - PCC coping, RCC in Toe wall including reinforcement and brick work of parapet wall. - Brick lining laid flat in cm 1:3 on floor.	25%
Second	- Brick lining laid flat in cm 1:3 on wall - 15 mm thick plaster in cm 1:4 completes. - Fixing of Ms angle barbed wire and Brick on edge path complete	25%
Third	- Micro Irrigation System installation	25%
Fourth	- Plantation and other integrated component (if any)	25%

## 1.2 Crop Cluster Development Program (CCDP) Extension – IHD

Annual Action Plan of Crop Cluster Development Programme-Ext. Under IHD Scheme for the year : 2018-19																	
S N	District	Name of FPO and Clusters villages	Cl ust er	Hybrid Vegetable		Plastic Mulching		Bamboo Stacking in Vegetable crops		Plastic Tunnel		Promotion of IPM		Promotion of INM		Total	
				Ph y. Ta rge t (ha )	Fin. Targ et (Rs.)	Phy. Targ et (ha)	Fin. Targ et (Rs.)	Phy. Targ et (ha)	Fin. Targ et (Rs.)	Phy · Tar get (ha)	Fin. Targ et (Rs.)	Phy. Targ et (ha)	Fin · Ta rge t (Rs )	Phy. Targ et (ha)	Fin. Target (Rs.)	Phy. Targ et (ha)	Fin. Target (Rs.)
1	Ambala	FPO:- OPTIMAL AGRO PRODUCER CO. LTD. (Vill:- Dhanyoda, Durana, Sahibpura, Mohra, Konkpur, Kotkachna)	1	60	1200000	30	480000	12	937500	8	2400000	60	720000	60	720000	230	5161500
2	Hisar	FPO:- ASSURED AGRI INCOME PRODUCER CO. LTD (Vill:-Behbalpur, Baddo Patti, Juglan, Kheri Barkhi, Kirada, Agroha, Jevra, Sarsord, Bugana, Barwala)	3	100	2000000	50	800000	8	625000	20	6000000	100	1200000	100	1200000	378	9665000
3	Jhajjar	FPO:- HARYANA ORGANIC CROPS FPO (Vill:- Jhajjar, Kheri Khatiwas, Kheri Khumar, Dhor, Sarojgarh.)	1	40	800000	4	64000	4	312500	2	600000	40	480000	40	480000	130	1872500
4	Jind	FPO:- JIND VEG. FPO LTD. (Vill:- Safido, Siwnamal, Muana, Hadwa, Kurar, Khara Khemwati, Bitana, Hatt.)	1	50	1000000	20	320000	20	1562500	2	600000	10	120000	10	120000	112	3506500
5	Kaithal	FPO:- KAITHAL VEG. FPO (Vill:- Siwan, Malikpur, Ferojpur, Rasulpur, Mandi, Teek, Kearak, Pundri, Hazwana, Sikenderpur, Pyoda, Rasina, Gobindpura, Khanpur, Kheri Gulam, Goraya, Kharkada, Cheeka, Kharka, Kaithal, Nagal, Parbhot, Sotha)	3	250	5000000	200	3200000	8	625000	40	1200000	40	480000	40	480000	578	20921000
6	Karnal	FPO:- KARNAL VEG. FPO (Vill:- Padhana, Sandir, Takhana, Gangar, Rambha, Mubarkabad, Chora, Barsat, Bastara, Dhanaura Jagir, Chhaparion, Kalri Jagir)	3	125	2500000	10	160000	80	6250000	8	2400000	40	480000	40	480000	303	11406000

S N	District	Name of FPO and Clusters villages	Cl ust er	Hybrid Vegetable		Plastic Mulching		Bamboo Stacking in Vegetable crops		Plastic Tunnel		Promotion of IPM		Promotion of INM		Total	
				Ph y. Ta rge t (ha )	Fin. Target (Rs.)	Ph y. Ta rge t (ha )	Fin. Targ et (Rs.)	Phy. Targ et (ha)	Fin. Targ et (Rs.)	Phy. Targ et (ha)	Fin. Targ et (Rs.)	Ph y. Ta rge t (ha )	Fin. Targ et (Rs.)	Phy. Targ et (ha)	Fin. Target (Rs.)	Phy. Targ et (ha)	Fin. Target (Rs.)
7	Kurukshe tra	FPO:- 1. CROWN FRUITS & VEGETABLES FPO 2. PEHOWA VEG. FPO LTD 3. GROWSMART FPO LTD (Vill:- Amin, Beed Amin, Sandhula, Sandhuli, Nanakpur, Usmanpur, Sarsa, Kheri Dabdalan, Sambhalka, Sura, Chhoulandi, Ban, Dabkhera, Bkali)	3	32 5	650000 0	76	1216 000	152	118 750 00	68	2040 0000	12 0	1440 00	120	144000	861	402790 00
8	Nuh	FPO:- RAO MAHELLA FPO (Vill:-Barka Alimuddin, Sadi, Rehana, Tapkan, Palla, Palri, Naharpur, Bai, Badoji, Meoli, Gundwas, Pathkhori, Hasanpur, Bilonda, Pathrali, Maholi, Agon, Doha, Rangala, Rajpur, Dhamala, F.P. Jhirka, Gyashiyabass, Rehpuwa, Satakपुर, Sikrawa, Khawajalika.)	6	70 0	140000 00	40 0	6400 000	200	156 250 00	8	2400 000	60 0	7200 00	600	720000	2508	398650 00
9	Sirsa	FPO:- SIRSA FPO LTD (Vill:- Jeevan Nagar, Sant Nagar, Kutabad, Raniya, Valaser, Havoli, Khariya, Naiwala)	2	30	600000	6	9600 0	2	156 250	10	3000 000	30	3600 0	30	36000	108	392425 0
1 0	Sonepat	FPO:- MANOLI GRAM SAMPADA FPO (Vill:-Manauli, Tikola, Aterna, Jhundpur, Jainpura, Mimarpur, Khewara, Khurampur, Talra, Palri, Dahisra, Pubsera, Jakhauli, Behra Bakipur, Tanda, Jagdishpur)	1	12 0	240000 0	40	6400 00	28	218 750 0	20	6000 000	12 0	1440 00	120	144000	448	115155 00
1 1	Yamuna Nagar	FPO:- RADOUR FARMERS FPO (Vill:- Potli, Nachroun, Khurdhan, Palewale, Rapri, Rajehri)	1	14 0	280000 0	30	4800 00	80	625 000 0	10	3000 000	40	4800 0	40	48000	340	126260 00
	<b>Total</b>		<b>25</b>	<b>19 40</b>	<b>388000 00</b>	<b>86 6</b>	<b>1385 6000</b>	<b>594</b>	<b>464 062 50</b>	<b>196</b>	<b>5880 0000</b>	<b>12 00</b>	<b>1440 000</b>	<b>1200</b>	<b>144000 0</b>	<b>5996</b>	<b>160742 250</b>

Note:- as LOI issued to more FPOs, the targets shall be issued accordingly.

**Guidelines**  
**IHD-CCDP (EXTENSION)**  
**Integrated Horticulture Development (IHD) State Plan Scheme (SB No. 65) – Crop Cluster Development Program (CCDP Extension)**

**Guidelines and Cost Norms:**

To promote cluster development and to penetrate horticulture technologies, CCDP (Extension) program has been started by incentivizing farmers in a cluster doing horticulture farming. The following norms are to be adhered for implementation of this scheme.

**Eligibility Criteria:**

- i. This program will be implemented in crop clusters through the Farmer Producer Organizations (FPOs)
- ii. Only member farmers of FPO are eligible for availing subsidy as per norms.

**Application and Approval:**

- i. FPO will forward application in prescribed performa of its members to HDO/ DHO concerned for subsidy under scheme.
- ii. In case of lease, the registered lease agreement between the parties must be for one year for one year crops.
- iii. HDO/DHO shall verify all the documents as per checklist and DHO shall give approval as per cluster targets on first come first serve basis. Proper record of seniority will be maintained by DHO concerned.
- iv. Applicant will free to purchase/procure the material/item from open market/any source for completion of project/component and submit the bill/ invoice of material as per document checklist (issued already) to the concerned HDO/DHO for release of subsidy.

**Physical Verification:**

As given in point no. 3 (General guidelines)

**Method of Release of Subsidy:**

- i. 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.
  - a. The subsidy on hybrid vegetable cultivation shall be released only to those farmers who will integrate the cultivation with other components as below:  
 Hybrid Vegetable Cultivation + Mulching / Plastic Tunnel / Micro Irrigation (Drip Irrigation/ Mini sprinkler)/ Bamboo stacking.
  - b. The subsidy on integrated components shall be released separately on completion of individual component as per norms and guidelines prescribed herein.
  - c. **Vegetable cultivation:** All major hybrid vegetable crops shall be covered under this scheme.

**d. Bamboo stacking:**

1. The no. of bamboos (60mm) in one acre is 558 (4 X 2 mtr) supported by straight three lines of wires and rope for supporting the plants.
2. Farmers themselves can build stacking infrastructure for vegetable crops. The cost of per ha bamboo stacking is Rs. 156250/- and cost will be admissible on pro-rata basis depending upon the stacking infrastructure.

e. **Plastic mulching:** 25 mm thickness film shall be used for eligible for release of subsidy.

f. **Plastic tunnel:** Steel/ wooden semicircle structure connected with wires and covered with plastic or non-woven material shall be eligible for release of subsidy *and only covered area under plastic tunnel shall be admissible for release of subsidy*

g. **IPM and INM:** Under IPM subsidy will be released on Pheromone Traps/ Light Traps and Sticky Traps etc. for control of insects/ pests in vegetable crops. Under INM farmer can purchase the Micro Nutrients as per crop requirement.

h. For Micro Irrigation, the norms and guidelines of PDMC under PMKSY shall be followed.

i. Farmer can avail subsidy on bamboo stacking and plastic tunnel upto limit of one ha in period of 3 years and for other component every year for a period of 3 years.

**Cost Norms and Subsidy Limit:**

The following cost norms and area limit shall be applicable under this scheme:

Sr. No.	Component	Unit	Unit cost(Rs.)	Rate of assistance (%)	Amount of assistance (Rs.)	Area limit
1.	Hybrid vegetable cultivation	Ha	50000/-	40	20000/-	2
2.	Plastic Mulching	Ha	32000/-	50	16000/-	2
3.	Bamboo stacking in vegetables crops	Ha	156250/-	50	78125/-	1
4.	Plastic tunnels	Sqm	60/-	50	30/-	10000
5.	Promotion of IPM	Ha	4000/-	30	1200	2
6.	Promotion of INM	Ha	4000/-	30	1200	2



### 1.3 Shivalik (Panchkula, Ambala & Yamuna Nagar) - IHD

Annual Action Plan for Promotion of Horticulture in Shivalik Area (Panchkula, Ambala & Yamunanagar IHD - 2018-19)													
S. N	Component	Unit	Unit Cost (in Rs.)	Rate of assis.	Amount of Assis. (in Rs.)	Panchkula		Ambala		Yamunanagar		Total	
						Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
1	Mobile Van (1.5 MT capacity)	No.	600000	75 %	450000	1	450000	1	450000	2	900000	4	1800000
2	Bamboo Stacking in Vegetable	Ha.	156250	75 %	117188	10	1171875	14	1640625	20	2343750	44	5156250
3	Conveyance Pipeline - HDPE/GI (1 inch to 2 inch)	mtr	100	75 %	75	6000	450000	1000	750000	1000	750000	8000	6000000
4	Family Drip Irrigation System	sqm	24	75 %	18	1000	18000	1000	180000	1000	180000	2100	3780000
5	Rain water harvesting Tank	No.	1,40,000	75 %	105000	36	3780000	10	105000	20	2100000	66	6930000
6	Crop cover - Poly Propylene Cloth	sqm	5	75 %	4	1000	3750	1000	37500	1000	37500	2100	78750
7	Ginger powder making/ Sonth machine	No.	20000	75 %	15000	22	330000	20	300000	20	300000	62	930000
8	Mushroom Trays	No.	300	75 %	225	5000	112500	8000	180000	1000	225000	2300	517500
9	Tool kit	No.	5000	75 %	3750	15	56250	34	127500	78	292500	127	476250
10	<b>Promotion of Sericulture</b>												
i)	Mulberry Plantation Development (300 plants per acre)	Acre	14000	75 %	10500	20	210000	20	210000	20	210000	60	630000
ii)	Maintenance of Mulberry plantation	Acre	4500	75 %	3375	40	135000	5	16875	8	27000	53	178875
iii)	Construction of Rearing Houses for 50 dfls	Nos	75000	75 %	56250	10	562500	10	562500	12	675000	32	1800000
iv)	Support of Rearing Appliances	Set	40000	75 %	30000	10	300000	10	300000	12	360000	32	960000
	<b>Total</b>					<b>67164</b>	<b>12642375</b>	<b>38124</b>	<b>7425000</b>	<b>40192</b>	<b>10425750</b>	<b>145480</b>	<b>30493125</b>

**Norms and Guidelines for Promotion of Horticulture in Shivalik Area under IHD 2018-19.**

1. Wherever FPO have been formed, FPO will forward application for subsidy of its members and apply to DHO. Where FPO are not formed, applicant shall submit application direct to HDO/DHO for getting subsidy under the component for which he is interested. HDO/DHO verified all the documents and gives approval on first come first serve basis and maintained seniority record.
2. FPO cluster to whom LOI has been issued are not included in this scheme, they can take benefit under **CCDP (Extension)** program separately.
3. DHO concerned ensure that there is no duplication of farmers for release of subsidy under Shivalik and CCDP (Extension) program.
4. **Cost Norms and Subsidy Limit**
  - i. **Mobile Van (1.5 MT):** The unit cost of Mobile Van (1.5 MT capacity) is Rs. 6,00,000/- and maximum subsidy limit is 75% i.e. Rs. 4,50,000/- per unit. The maximum limit is one mobile van per FPO. Only for FPO, FPO submit proposal to DHO. After approval FPO can purchase vehicle in the name of FPO. After registration of vehicle DHO will release subsidy.
  - ii. **Bamboo Stacking In Vegetables:** The no. of bamboos (60mm) in one acre is 558 (4 X 2 mtr) supported by straight three lines of wires and rope for supporting the plants. Farmers themselves can build stacking infrastructure for vegetable crops. The cost of per acre stacking is Rs. 62500/- and the subsidy provision is 75% assistance i.e. Rs. 46875/- per acre and cost will be admissible on pro-rata basis depending upon the stacking infrastructure. The maximum limit for subsidy is one acre per beneficiary.

**OR**

- Branched Bamboo Stacking In Vegetables:** 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. Farmers themselves can build stacking infrastructure for vegetable crops like tomato and cucurbits. The cost of per acre stacking is Rs. 62500/- and the subsidy provision is 75% assistance i.e. Rs. 46875/- per acre and cost will be admissible on pro-rata basis depending upon the stacking infrastructure. The maximum limit for subsidy is one acre per beneficiary.
- iii. **Conveyance Pipe line (HDPE/ GI, 1 inch to 2 inch):** The unit cost of Conveyance Pipe line (HDPE/ GI, 1 inch to 2 inch) is Rs. 100/- mtr and maximum subsidy limit is 75% i.e. Rs. 75/- per mtr. The maximum limit is 1000 running mtr per beneficiary.
  - iv. **Family Drip Irrigation System:** DDH/MI shall monitor this component. Norms and guidelines of family drip irrigation system in Shivalik area under IHD scheme have already issued vide directorate memo no. Hort-MI/4/I/18750-67 dated 22.06.2017.
  - v. **Rain Water Harvesting Tank:** Cost estimate, design, size and capacity alongwith guidelines of rain water harvesting tank under the scheme have already issued to DHOs concerned vide directorate memo no. 3080-82/Hort./IHD/39/II/2017-18 dated 30.01.2018, which also given on next pages.
  - vi. **Crop Cover - Poly Propylene Cloth:** The unit cost of Crop Cover - Poly Propylene Cloth is Rs. 5/- sqm and maximum subsidy limit is 75% i.e. Rs. 4/- per sqm. The maximum limit is 1000 sqm per beneficiary.

- vii. **Ginger powder making/ Sonth machine:** The unit cost of Ginger powder making/ sonth machine is Rs. 20,000/- and maximum subsidy limit is 75% i.e. Rs. 15,000/- per machine. The maximum limit is One machine per beneficiary.
- viii. **Mushroom Trays:** The cost of one Mushroom Tray is Rs. 300/- and maximum subsidy provision is 75% i.e. Rs. 225/- per tray. The maximum limit for subsidy is 100 Nos. of trays per beneficiary.
- ix. **Tool Kit (Battery operated Spray Pump, Secature, Pruning saw, Khurpa, Spade, Sickel etc.):** The cost of one Tool Kit (Battery operated Spray Pump, Secature, Pruning saw, Khurpa, Spade, Sickel etc.) is Rs. 5000/- and maximum subsidy provision is 75% i.e. Rs. 3750/- per tool kit. The maximum limit for subsidy is one tool kit per beneficiary.
- x. **Promotion of Sericulture:** State Sericulture Officer shall monitor this component.
  - a. **Mulberry plantation development (300 plants per acre):** The unit cost is Rs. 14,000/- and maximum subsidy provision is 75% i.e. Rs. 10,500/- per acre. The maximum limit for subsidy is one acre per beneficiary.
  - b. **Maintenance of mulberry plantation:** The unit cost is Rs. 4500/- and maximum subsidy provision is 75% i.e. Rs. 3375/- per acre. The maximum limit for subsidy is one acre per beneficiary.
  - c. **Construction of rearing houses for 50 dfls:** The unit cost is Rs. 75,000/- and maximum subsidy provision is 75% i.e. Rs. 56,250/- per rearing house. The maximum limit for subsidy is one rearing house per beneficiary. Design of rearing house capacity 50 dfls has been given in the unit cost book of catalytic development program, Ministry of textiles which has already been send to DHOs concerned.
  - d. **Support of rearing appliances:** The unit cost is Rs. 40,000/- and maximum subsidy provision is 75% i.e. Rs. 30,000/- per unit. The maximum limit for subsidy is one unit per beneficiary. Detail of rearing appliances have been given in the unit cost book of catalytic development program, Ministry of textiles which has already been send to DHOs concerned.

**HORTICULTURE DEPARTMENT, HARYANA**

Udhyan Bhawan, Sector-21, Panchkula-134116,

e-mail:- [hortharyana@gmail.com](mailto:hortharyana@gmail.com), website:- [hortharyana.gov.in](http://hortharyana.gov.in)

Memo no. 3080-82/Hort./IHD/39/II/2017-18 Panchkula, the Dated:30.01.2018

To

District Horticulture Officer,  
Panchkula, Ambala and Yamunanagar.**Subject: Cost estimate, design, size and capacity of Rain Water Harvesting Tank under Promotion of Horticulture in Shivalik Area (IHD) – 2017-18.**

Refer to the subject cited as above, the detailed cost estimate (with design, size and capacity) of Rain Water Harvesting Tank of Brick Masonry (amounting Rs. 74,000/-) and RCC (amounting Rs. 1,40,000/-) for hilly area are enclosed at **Annexure-I & II** under Promotion of Horticulture in Shivalik Area (IHD) – 2017-18. DHO Panchkula, Ambala and Yamunanagar are directed to achieve 100% targets as per norms and guidelines of the scheme and follow the following instructions.

1. DHO/HDO will ensure that documents will be completed as per document checklist for application, sanction and assistance released under departmental schemes already circulated to all DHOs vide directorate memo no. 35683-712/Hort./TAV/2017-18 dated 14.12.2017.
2. The DHO will ensure that purpose of tank is for irrigation to Horticulture crops. As per **Annexure-I & II** the capacity of tank is 42000 ltrs. The coverage area will be 0.90 acre for Horticulture crops. DHO/ HDO will ensure the coverage area 0.90 acre under Horticultural crops.
3. The beneficiary who have taken any assistance for the same purpose from any other Govt. source under any scheme will not be eligible.
4. The tank will be built by the beneficiary from their own resources.
5. Beneficiary shall be responsible for quality of work and work will be completed as per design and specifications.
6. The beneficiary shall have to bear all maintenance cost of tank in future.
7. The expenditure over and above cost estimate is to be born by the beneficiary.
8. **Inspection:**

Inspection will be done by District level committee consists of District Horticulture Officer, Subject Matter Specialist (SMS)/ Horticulture Development Officer and concerned ASCO/DSCO, Agriculture Department/ JE (Civil) Panchayati Raj Department/ JE (Civil) MIDH or any other officer deputed by Directorate.

- a) **First Inspection:** After supply of material and completion of foundation work at Damp Proof Coarse (DPC) level.

**b) Final Inspection:** Final inspection shall be conducted by committee after completion of tank in all respects as per norms and specifications.

9. **Mode of release of subsidy:** 30% subsidy shall be released after 1<sup>st</sup> inspection and balance 70% subsidy shall be released after final inspection.

After inspection DHO concerned shall release the subsidy directly into the account of beneficiary through DBT as per norms and guidelines.

**10. Norms for release of subsidy:-**

- a. In case of Rain Water Harvesting Tank (Brick Masonry) the unit cost estimate is Rs. 74000/- with capacity of 42000 ltrs with varying of sizes. The subsidy @ 75% is Rs. 55500/-.
- b. In case of Rain Water Harvesting Tank (RCC) the unit cost estimate is Rs. 140000/- with capacity of 42000 ltrs with varying of sizes. The subsidy @ 75% is Rs. 105000/-.

11. **Limit:** Maximum limit is one unit (Brick Masonry Tank **OR** RCC Tank) for one beneficiary. Cost and subsidy will be admissible on pro-rata basis depending upon size and capacity of tank.

This is for information and further necessary action please.

Encl: As above.

Vegetable Specialist  
for Director General Horticulture,  
Haryana, Panchkula

**Annexure-I****Detailed Estimate for the Construction of Rain Water Harvesting Storage Tank in (Brick Masonry) for Hilly Areas in Haryana State (Based on HSR, 2012 Effective from 26.06.2012).**

Size of Tank = L=6.0mt x B=4.0 mt x D=1.75mt.

Capacity = 42,000ltr.

S.No.	H.S.R Item No.	Description	Amount
1.	6.6	Earth work in excavation for foundation and tranches in any hard soil. 1x7.0x5.0x0.700=24.50cum @Rs.1108.10/-per100cum+425% C.P.	1,425.16
2.	10.28	M&L Cement Concrete 1:8:16 with stone aggregate 40mm nominal size in foundation and plinth. 1x7.0x5.0x0.100=3.50cum @Rs.318.65/-per cum+450% C.P.	6,134.01
3.	11.2	M&L First class brick work laid in cement sand mortar 1:6 in foundation and plinth. Long Wall:- Ist Step=2x6.90x0.45x0.60 = 3.72cum IInd Step=2x6.68x0.34x0.60 = 2.72cum IIIRD Step=2x6.46x0.23x0.60 = 1.78cum Short Wall:- Ist Step=2x4.0x0.45x0.60 = 2.16cum IInd Step=2x4.0x0.34x0.60 = 1.63cum IIIRD Step=2x4.0x0.23x0.60 = 1.10cum Total = 13.11Cum @Rs.393.45/-per cum+600% C.P.	36,106.90
4.	10.59&10.62	M&L Cement Concrete 1:2:4 using 20mm graded stone agg. as in coping over wall. 2x6.46x0.23x0.05 = 0.14cum 2x4.0x0.23x0.05 = 0.09cum Total = 0.23cum @Rs.629.85/-per cum+450% C.P.	796.76
5.	14.10	M&L 50mm thick cement concrete 1:2:4 using 20mm graded stone agg. in floor 1x6.0x4.0=24.00sqm. @Rs.37.60/- per sqm+450% C.P.	4,963.20
6.	15.5	M&L 12mm thick cement plaster 1:4 External Surface: - Long wall = 2x6.68x1.60 = 21.37sqm Short wall = 2x4.68x1.60 = 14.97sqm Internal Surface: - 1x2(6.0+4.0)x1.80 = 36.00sqm Total = 72.34sqm @Rs.12.70per sqm+500% C.P.	5,512.30
<b>Total</b>			<b>54,938.33</b>
<b>Add Rs. 4,000/- for inlet chamber i.e.</b>			<b>4,000.00</b>
<b>Total</b>			<b>58,938.33</b>
<b>Add 25% for hilly areas i.e.</b>			<b>14,734.58</b>
<b>Grand.Total</b>			<b>73,672.91</b>
<b>Say Rs.</b>			<b>74,000</b>

Total capacity of Tank = 42,000ltr.

Rate per ltr. = Rs.1.76/-per ltr.

**J.E(Civil),  
MIDH, HQ Panchkula.**

**Annexure-I****Detailed Estimate for the Construction of Rain Water Harvesting Storage Tank in (R.C.C.) for Hilly Areas in Haryana State (Based on HSR, 2012 Effective from 26.06.2012).**

Size of Tank = L= 6.0mt xB=4.0 mt xD=1.75mt.

Capacity = 42,000ltr.

S.No.	H.S.R Item No.	Description	Amount
1.	6.6	Earth work in excavation for foundation and tranches in any hard soil. 1x6.70x4.70x0.700=22.04cum @Rs.1108.10/-per100cum+425% C.P.	1,282.06
2.	10.28	M&L Cement Concrete 1:8:16 with stone aggregate 40mm nominal size in foundation and plinth. 1x6.70x4.70x0.100=3.15cum @Rs.318.65/-per cum+450% C.P.	5,520.61
3	10.90&10.95(a)	M&L cement concrete 1:1½:3 with stone aggregate 20mm nominal size for R.C.C in footings In bed = 1x6.40x4.40x0.100 = 2.81cum @Rs.687.10+86.90/-per cum+450% C.P.	11,962.17
4	10.87 &10.95(a)	M&L cement concrete 1:1½:3 with stone aggregate 20mm nominal size for R.C.C work for walls (10cm to 20cm thickness) Long wall = 2x6.40x0.200x1.750 = 4.48cum Short Wall = 2x4.00x0.200x1.750 = <u>2.80cum</u> Total = <u>7.28cum</u> @Rs.1400.00+86.90/- per cum+450% C.P.	57,535.47
5	18.22	P&L CTD bars for R.C.C work including cutting, bending, binding & placing in position complete. In bed: - 10mm dia. & bars @20cm C/C spacing Main bars = 1x32x4.40x0.617 = 86.873kgs Distribution Bars 8mm dia. @20cm C/C spacing = 1x22x6.40x0.395 = 55.616kgs For RCC walls (vertical): - Long wall: - Vertical bars 10mm dia. @20cm C/C = 2x2x32x2.075x0.617 = 163.875kgs Distribution 8mm dia. @30cm C/C = 2x2x7x6.40x0.395 = 70.784kgs Short wall: - Vertical 10mm dia. @20cm C/C = 2x2x22x2.075x0.617 = 112.664kgs Distribution 8mm dia. @30cm C/C = 2x2x7x4.40x0.395 = 48.664kgs Total weight = 538.476kgs Or = 5.39qtl. @Rs.917.05/-per qtl.+500% C.P.	29,657.39
<b>Total</b>			<b>1,07,957.70</b>
<b>Add Rs. 4,000/- for inlet chamber i.e.</b>			<b>4,000.00</b>
<b>Total</b>			<b>1,11,957.70</b>
<b>Add 25% for hilly areas i.e.</b>			<b>27,989.42</b>
<b>Grand.Total</b>			<b>1,39,947.12</b>
<b>Say Rs.</b>			<b>1,40,000</b>

Total capacity of Tank = 42,000ltr.

Rate per ltr. = Rs.3.33/-per ltr.

**J.E(Civil),  
MIDH, HQ Panchkula.**

**Norms & Guidelines of Family Drip Irrigation System in Shivalik Area under IHD Scheme in District Ambala, Panchkula & Yamunanagar for the year 2018-19.**

- Family drip irrigation system in Shivalik Area in IHD Scheme is applicable in only district Ambala, Panchkula & Yamunanagar.
- Unit cost shall be Rs. 24/- sqm.
- Applicable assistance rate shall be @ 75 %.
- Assistance is not permissible on earth work & GST.
- Assistance shall be limited upto area of 1000 sqm per beneficiary.
- Above programme shall be implemented on MINET online web-portal [minet.hortharyana.gov.in](http://minet.hortharyana.gov.in).
- The expenditure shall be born from IHD Scheme & assistance shall be finally released at Release of Assistance interface at the end of concerned District Horticulture Officer.
- Components of family drip irrigation system are annexed at Annexure 1.
- Cost of fitting & accessories charges shall be @ 5% of unit cost or total actual cost of fitting & accessories in bill, whichever is less.
- Vendor shall fill the required quantities of above components in vendor estimate & bill as per actual field conditions that may vary field to field.
- Original copy of bill is mandatory.
- In addition to above, norms & guidelines of MI programme under PDMC for the year 2018-19 shall be applicable.



## Annexure-1

**Horticulture Department, Haryana**

**Details of components to be used in Family Drip Irrigation System under required for Shivalik Area falling in district Ambala, Panchkula & Yamunanagar**

Sn.	Name of Component	Specifications
<b>Essential</b>		
1	PVC Pipe	63 mm, Class II
2	Lateral	32 mm, Class II
3	Lateral	16 mm, Class II
4	Inline lateral	30cm/40cm/60cm
5	Control Valve	63mm
6	Control Valve	32 mm
7	Screen/Disc. Filter with Inlet & outlet Fittings	20 m <sup>3</sup> /hr
<b>Fitting Accessories</b>		
8	Bend/Elbow	63 mm
9	End Cap	16 mm
10	End Cap	63 mm (PVC)
11	Grommet	16 mm
12	Lateral Cock	16 mm
13	Male / Female Threaded Adaptor	63 mm
14	Nipple/Joiner	16 mm
15	Take off / Start Connector	16 mm
16	Tee	63 mm

## उद्यान विभाग, हरियाणा

उद्यान भवन, सैक्टर – 21, पंचकुला – 134116,

ईमेल: [hortharyana@gmail.com](mailto:hortharyana@gmail.com), Website: [hortharyana.gov.in](http://hortharyana.gov.in)

यादि क्रमांक: 31803/Hort/Shavalik/39/2/2017-18 पंचकुला, दिनांक: 07.11.2017

प्रेषित

जिला उद्यान अधिकारी,  
पंचकुला।

विषय:— पहाड़ी क्षेत्र के अधिकांश किसानों को विभागीय अनुदान का लाभ प्राप्त करने में आ रही कठिनाईयों के समाधान के संबंध में।

संदर्भ:— आपका पत्र क्रमांक 675 दिनांक 03.11.2017

उपरोक्त विषय एवं संदर्भ के अंतर्गत आपको लिखा जाता है कि जिले में मोरनी एवं पिन्जौर के पहाड़ी क्षेत्र में जिन किसानों की जमीन मुस्तरका खाते की है और स्वयं काबिज है तथा कास्त करते हैं उनकी जमीन का रकबा/फर्द गांव के सरपंच तथा नंबरदार से अनुमोदित करवाने उपरान्त विभागीय स्कीमों के अन्तर्गत अनुदान का लाभ दिया जा सकता है।

यह आपको सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित है।

सब्जी विशेषज्ञ,  
कृते: महानिदेशक उद्यान, हरियाणा,  
पंचकुला।

### 1.4 Promotion of Onion in State (IHD)

Guidelines shall be issued shortly and scheme will be implemented accordingly.

State Annual Action Plan for Promotion of Onion Crop in the State under IHD - 2018-19							
Sr. No.	District	Rabi Onion seed subsidy @ 50% i.e. Rs. 500/per kg. seed upto 10kg. per ha./beneficiary (Maximum subsidy Rs. 5000/per Ha.)		Kharif Onion seed/ onion seed for preparation of onion bulblets to be transplanting during Kharif 2017 subsidy @ 50% i.e. Rs. 500/per kg. seed upto 12.5kg. per ha./beneficiary (Maximum subsidy Rs. 6250/per Ha.)		G. Total	
						(2016-17)	
		Phy. (Ha.)	Fin. (Rs.)	Phy. (Ha.)	Fin. (Rs.)	Phy. (Ha)	Fin. (Rs.)
1	Panchkula	100	500000	5	31250	105	531250
2	Ambala	100	500000	5	31250	105	531250
3	Y/Nagar	100	500000	5	31250	105	531250
4	Kurukshetra	100	500000	5	31250	105	531250
5	Kaithal	50	250000	5	31250	55	281250
6	Karnal	150	750000	50	312500	200	1062500
7	Panipat	50	250000	5	31250	55	281250
8	Sonepat	100	500000	5	31250	105	531250
9	Rohtak	50	250000	5	31250	55	281250
10	Jhajjar	50	250000	20	125000	70	375000
11	Faridabad	50	250000	5	31250	55	281250
12	Palwal	50	250000	5	31250	55	281250
13	Narnaul	50	250000	5	31250	55	281250
14	Rewari	50	250000	20	125000	70	375000
15	Gurugram	50	250000	20	125000	70	375000
16	Bhiwani	54.4	272000	5	31250	59.4	303250
17	C. Dadri	80	400000	5	31250	85	431250
18	Hisar	80	400000	20	125000	100	525000
19	Fatehabad	80	400000	20	125000	100	525000
20	Sirsa	80	400000	5	31250	85	431250
21	Jind	80	400000	5	31250	85	431250
22	Nuh	300	1500000	175	1093750	475	2593750
	<b>TOTAL</b>	<b>1854.4</b>	<b>9272000</b>	<b>400</b>	<b>2500000</b>	<b>2254.4</b>	<b>11772000</b>

### 1.5 Area Expansion (Datepam & Pomegranate)

Guidelines shall be issued shortly and scheme will be implemented accordingly.

Annual Action Plan for area expansion of tissue culture Datepam and Pomegranate orchards in south-western Haryana under IHD 2018-19									
		Tissue Culture Datepam		Pomegranate					
Sr . No.	Name of District	Tissue Culture Datepam (8 m x 8 m). Max. Subsidy @ 75% of total cost Rs. 5.69 lakh i.e. Rs. 4.267 lakh/ ha Max. Limit 1 ha per beneficiary		Pomegranate (5 m x 5 m) with Integrated approach (with drip, mulch and trellis) Max. Subsidy @ 75% of total cost Rs. 3.515 lakh i.e. Rs. 2.636 lakh/ ha Max. Limit 4 ha per beneficiary		Pomegranate (5 m x 5 m) without Integrated approach (without drip, mulch and trellis) Max. Subsidy @ 75% of total cost Rs. 0.39 lakh i.e. Rs. 0.29 lakh/ ha Max. Limit 4 ha per beneficiary		Total	
		Phy. Target (ha)	Fin. Target (Rs. in Lakh)	Phy. Target (ha)	Fin. Target (Rs. in Lakh)	Phy. Target (ha)	Fin. Target (Rs. in Lakh)	Phy. Target (ha)	Fin. Target (Rs. in Lakh)
1	Bhiwani	10	42.67	10	26.36	20	5.8	40	74.83
2	Fatehabad	10	42.67	10	26.36	20	5.8	40	74.83
3	Hisar	10	42.67	10	26.36	20	5.8	40	74.83
4	C.Dadri	10	42.67	10	26.36	20	5.8	40	74.83
5	Narnaul	10	42.67	10	26.36	20	5.8	40	74.83
6	Rewari	10	42.67	10	26.36	20	5.8	40	74.83
7	Sirsa	10	42.67	10	26.36	20	5.8	40	74.83
	<b>G. Total</b>	<b>70</b>	<b>299</b>	<b>70</b>	<b>184.52</b>	<b>140</b>	<b>41</b>	<b>280</b>	<b>524</b>

**Remarks** Drip Irrigation to be covered in PMKSY Scheme  
Trellis and INM/IPM, in 3 installments of 60:20:20 subject to survival rate of 75% in 2nd year and 90% in 3rd year.

### 1.6 15% Extra Subsidy for Protected Structure Component under RKVY.

Sr. No	Name of the District	Component	Tentative 15% additional subsidy amount (Rs. in lacs)
1	Faridabad	Protected structures (Poly house/ Net house/ WIT)	9.50
2	Fatehabad		2.00
3	Hisar		3.00
4	Jhajjar		1.00
5	Jind		4.00
6	K/kshetra		5.50
7	Karnal		7.00
8	Kaithal		4.50
9	Panchkula		1.50
10	Sonepat		0.50
11	Sirsa		2.00
12	<b>Total</b>		<b>40.50</b>

## 2. Integrated Horticulture Development Plan Scheme for Scheduled Caste Families (SCSP) (SB-No. 98)

The total provision under the scheme for the year 2018-19 is Rs. 500.00 lacs.

### District wise Physical and Financial Target under Plan Scheme for Scheduled Caste Families (SCSP) for the year 2018-19

Sr. No.	Name of District	Mushroom Trays (Max. Subsidy @ 90% of total cost Rs. 300 i.e. Rs. 270/per tray limited to 100 trays/beni.)		Bamboo Stacking in Vegetable crops (Maximum subsidy @ 90% of Total cost Rs. 31250 i.e. Rs. 28125 per Unit i.e. 4 Kanal/bene.)		Protected Cultivation* Fin. (Rs.)	Total	
		Phy. Target (No.)	Fin. Target (Rs.)	Phy. Target (No.)	Fin. Target (Rs.)	Fin. Target (Rs.)	Phy. Target (No.)	Fin. Target (Rs.)
1	Ambala	2000	540000	10	281250	2100000	2010	2921250
2	Bhiwani	2000	540000	10	281250	1500000	2010	2321250
3	C. Dadri	2000	540000	10	281250	1500000	2010	2321250
4	Faridabad	2000	540000	10	281250	550000	2010	1371250
5	Palwal	2000	540000	10	281250	1348000	2010	2169250
6	Fatehabad	2000	540000	10	281250	2542000	2010	3363250
7	Gurgaon	2000	540000	10	281250	635000	2010	1456250
8	Mewat	1804	487176	10	281250	514717	1814	1283143
9	Hisar	2000	540000	10	281250	1790000	2010	2611250
10	Y/ Nagar	2000	540000	10	281250	1990000	2010	2811250
11	Jhajjar	2000	540000	10	281250	1158000	2010	1979250
12	Jind	2000	540000	10	281250	1758000	2010	2579250
13	K/kshetra	4996	1349041	10	281250	854000	5006	2484291
14	Karnal	2204	594967	10	281250	1636500	2214	2512717
15	Kaithal	2000	540000	10	281250	1744000	2010	2565250
16	Narnaul	2000	540000	10	281250	555000	2010	1376250
17	Panchkula	2000	540000	10	281250	1198000	2010	2019250
18	Panipat	4000	1080000	10	281250	555000	4010	1916250
19	Rohtak	2000	540000	10	281250	1454000	2010	2275250
20	Rewari	2000	540000	10	281250	1437000	2010	2258250
21	Sonepat	4000	1080000	10	281250	712000	4010	2073250
22	Sirsa	2130	575100	10	281250	2475000	2140	3331350
	<b>G. Total</b>	<b>51134</b>	<b>13806283</b>	<b>220</b>	<b>6187500</b>	<b>30006217</b>	<b>51354</b>	<b>50000000</b>

#### Note

\* As per above under Protected cultivation only financial targets have been mentioned in which targets of protected structures & cultivation of high value vegetables have been included. Therefore, all DHOs will achieve targets as per **norms and guidelines for protected cultivation for the year 2018-19.**

\* The expenditure under high value vegetables shall not exceed total area subsidy on protected cultivation during current financial year. Subsidy on vegetables shall be given as per norms under the guidelines as above.

## **Norms and Guidelines under SCSP Scheme 2018-19.**

All District Horticulture Officers are directed to achieve physical and financial targets under the scheme as per following norms and guidelines 2018-19.

1. SC families who have own land or have land on lease/rent/contract are eligible for availing subsidy for Mushroom Trays and Bamboo Stacking in Vegetable Crops under the scheme.
2. In case of Poly House/ Net House/ Walk-In-Tunnels only those SC Families are eligible for availing subsidy whom have their **own land on his/her name.**
3. **Cost Norms and subsidy limit:**
  - i. **Mushroom Tray:** The cost of one Mushroom Tray is Rs. 300/- and maximum subsidy provision is 90% i.e. Rs. 270/- per tray. The maximum limit for subsidy is 100 Nos. of trays per family.
  - ii. **Bamboo Stacking in Vegetables:** The no. of bamboos (60 mm) in one acre is 558 (4 x 2 mtr) supported by straight three lines of wires and rope for supported the plants. Farmers themselves can build stacking infrastructure for vegetable crops. Under SCSP scheme the cost of one Unit i.e. 4 Kanal area for stacking in vegetables is Rs. 31,250/- and maximum subsidy provision is 90% i.e. Rs. 28,125/- and cost will be admissible on **pro rata basis** depending upon the stacking. The maximum limit for subsidy is one unit i.e. 4 kanal area per family.
4. **Norms and guidelines for protected cultivation.**

Subsidy on protected cultivation will be released **as per norms and guidelines for the year 2018-19** which have been given on previous pages.

### 3. Plan scheme On Farm Marketing Support to Horticulture Farmers.

The total provision under the scheme for the year 2018-19 is Rs. 19932.62 lacs. Only Farmer Producers Organizations (FPOs) of Haryana registered under Companies Act shall be eligible for submission of project proposal for crop cluster centre and for availing assistance under the scheme. This scheme shall be implemented as per implementation norms and guidelines February 2018 issued already.

#### 1. AAP and Guidelines for replacement of plastic sheet of Poly Houses.

**Rs. In lacs**

<b>Annual Action Plan of replacement of plastic sheet under "On Farm &amp; Marketing Support to Horticulture Farmers" : 2018-19</b>							
<b>Sr. No.</b>	<b>District</b>	<b>Name of Cluster</b>	<b>Unit Cost</b>	<b>Subsidy % age</b>	<b>Assistance amount</b>	<b>Target</b>	
						<b>Phy. No. of units (one unit=4000Sqm)</b>	<b>Fin.</b>
1	Ambala	Panjota / Ladwa, Sapera, Tilakhni, Kapoori, Shahpura, Ratanheri, Mohra, Mohri, dhanaur	5	70	3.5	12	42
2	Hisar	Uklana, Bheri, Akbarpur, Doulatpur, Barwala, Agroha, Kirada, Khedi barki, Bebalpur, Daroli, Siswal, Kishangarh, Jeowara, Bhubana, Sarsod, Barwala, Bebalpur Jaglan, Balopatti, Narnaund, Beni hamirpur, Moth, Majra, Kaimri, Rawalwas, Arya Nagar, Sundabas, Hansi, Hisar-I (Sahadwa, Satrod khurd), Dhana kalan,	5	70	3.5	15	52.5
3	Jhajjar	Surajgarh, Raipur, Kierodh, Dadarpur, Salodha, Jhajjar, Kheri Khumar, Khatiwas, Dhor, Ehlanga, Sundroti, Maliawas, Rudiawas, Dhakla, Hasanpur, Beethela, Amboli, Atawara, Badli, Gubhana, Majri, Legapur, Pelpa	5	70	3.5	3	10.5
4	Jind	Dhabi Tek Singh, Narayangarh, Rewar, Bhigana, Nagura, Alewa, Anta, Khera Khemawati, Amrehti, Haibatpur, IkkasDhani, Dhiman, Jind, Uchana, Narwana, Pilukhera	5	70	3.5	5	17.5
5	Kaithal	Cheeka, Gobindpura-Gobindgarh, Malikpur, Siwan, Rajound, Khanpur, Firozpur, Khurana, Hajwana, Songal, Harsova, Sarvana, Neemwala, Jhakoli,	5	70	3.5	5	17.5
6	Karnal	Indergarh, Muradgarh, Fazilpur, Santri, Padhana, Gangar, Takhana, Badagoan, Geed, Kunjpura, Gularpur, Madhuban, Dhanora, Kalra, Dhanokhedi, Kinori, Mubarakabad, Bastara, Choura	5	70	3.5	30	105
7	Kurukshetra	Sahabad, Babain, Bhor Amin, Kheri Amin, Beed Amin, Pehowa, Sandhula, Sandhuli nanakpur, Usmanpur, Sarsa,	5	70	3.5	5	17.5

		Khedi Dadlan, Sambhalka, Sura, Bakoli, Banchandi, Ladwa					
8	Nuh	Goyla, Dalawas, Padani, Sadai, Bada alimuddin, Ghaghas, Kansali, Gumat Bihari, Khor, Molaka Kheri, Sakarpuri(Mundak) Doha, Autha, Mundeta, Khor, Sahachokha, Firojpur Jhirka, Dhond, Bhond, Nangal, Hasanpur bilondha, Sidrawat, Agon, Pathrali	5	70	3.5	5	17.5
9	Sirsa	Masitan, Abubshahar, Chautala, TejaKhera, Kharian, Panniwala Mota, Khyowali, Sirsa, Dabwali, Badagoda, Nathushi Chopada, Sant Nagar, Darbi, Raniya	5	70	3.5	7	24.5
10	Sonepat	Gohana, Barota, Nagar, Rukhi, Ganaur, Khubru, Nayabans, Bambar, Kamaspur gamra, Manoli, Dehrabakipur Aterna, Khurampur, Padsara, Jakholi, Tajpura, Tikola, Murthal, Sahadpur, Sainipura Jatwara, Jahri, Sandalklan, Akbarpur, Barota, Safiabad, Harsana, Baiyanpur, Rohot, Harsana malcha	5	70	3.5	43	150.5
11	Y. Nagar	Sadhaura, Ismailpur, Rajpur, Sarawa, Tunde ki Tapariya, Kalesar Mustfabad, Faizpur, Khijrabad, Tapra, Bahadarpur, Chhachharuli, Buria, Bal Chappar, Lapra, Jathlana, Safilpur, Jagadri, Mandhar, Dholra, Bir Balsua, Radaur, Alahar, Rajehri	5	70	3.5	10	35
	<b>Total</b>					<b>140</b>	<b>490</b>



## **Norms/Guidelines and Specification of replacement of plastic sheet of Poly House under CCDP- “On Farm & Marketing Support to Horticulture Farmers”**

### **1. Eligibility Criteria**

- i. This programme will be implemented in Crop Clusters through the Farmer Producer Organisations (FPOs).
- ii. The assistance will be eligible on 3 years old Poly House. The age of Poly House will be ensured on the basis of its final physical inspection in case of installed under any subsidy scheme. In case the applicant installed Poly House without any Govt. subsidy, will also be eligible for assistance under the programme, however he/she has to produce of date of installation of Poly House to ascertain the age.
- iii. The poly house must be in the name of applicant for assistance.

### **2. Application and Approval**

- i. FPO will forward application of its members to DHO concerned for subsidy under CCDP as per ‘**Annexure-I**’.
- ii. Documents as indicated in the check list at ‘**Annexure-II**’ are required with application.
- iii. HDO/Supervisor will verify documents and beneficiaries.
- iv. DHO will accord approval/sanction of assistance on first come first serve basis. Proper record of seniority will be maintained by DHO concerned.

**3. Area Limit:** The total area maximum limit for assistance per beneficiary is 4000 Sqm.

### **4. Unit cost and assistance**

- i. The cost of replacement of plastic sheet includes cost of Plastic Sheet, Insect Net on sides & top, bottom apron, Springs, fitting material like clumps.
- ii. This cost is assessed to Rs. 125/- per sqm flat area of Poly House, means for a Poly House of 4000 sqm sizes, the unit cost will be Rs.5.00 Lakh (4000 x 125).
- iii. The subsidy rate is 70% of cost. It will be maximum to Rs. 87.50 per sqm, means for a Poly House of 4000 sqm sizes, subsidy will be limited to Rs. 3.50 Lakh (4000 x 87.5).
- iv. The subsidy amount will be calculated on pro rata basis for different sizes of Poly House.

## 5. Specification, indicative quantity and cost of material used for replacement of Poly Sheet of 4000 sqm size Poly House.

Sn	Items	Description/ Specification	Indicative quantity	Indicative cost-Rs.
1.	Plastic Sheet	UV stabilized 200 micron transparent plastic films. Conforming Indian Standards (IS 15827: 2009), multilayered, anti-drip, anti- fog, anti-sulphur, diffused, clear and having minimum 85% level of light transmittance.	6600 sqm	Rs. 3,69,600/- (@Rs. 56 per sqm)
2.	Insect net	40 mesh nylon Insect proof nets (UV stabilized) of equivalent size.	1400 sqm	Rs. 63,000/- (@Rs.45 per sqm)
3.	Bottom Apron	UV stabilized woven fabric 160 GSM/200 micron poly film and a height of 1m above ground and 50 cm buried below ground (Total width 1.5m)	450 sqm	Rs. 20,250/- (@ Rs.45 per sqm)
4.	Spring	Zigzag high carbon steel with spring action wire of 2-3 mm diameter must be inserted to fix sheet into Aluminum/GI Profile.	As per requirement for fixing the cladding material	Rs. 44,150/- (lump-sum)
5.	Fitting material- Clumps	GI Half Circle Clumps with 2mm thickness	As per requirement	Rs.3000/- (lump-sum)
		Total		Rs.5,00,000/- (@ Rs. 125 per sqm)

## 6. Physical Verification:

- The farmer will intimate to DHO concerned for physical verification after completion of work in all respects and will submit invoice/bill of material (Plastic Sheet, Insect Net on sides & top, bottom apron, Springs, fitting material like clumps).
- Physical verification shall be conducted by JIT of Department (DDH/ Field, DHO and HDO/Supervisor concerned) after intimation by farmer to DHO after completion of work in all respects. The performa enclosed at **Annexure-III**
- Farmer will remain present at the time of physical inspection to be carried out.
- JIT will submit inspection report on the same day.

## 7. Mode of release of assistance:

**DBT:** DHO concerned will release subsidy in the adhaar seeded bank account of beneficiary directly through Direct Benefit Transfer (DBT) on the basis of physical verification conducted by JIT after submission of invoice of material by farmer.

**Annexure-I****Application Form****For replacement of cladding material of poly house under CCDP, On  
Farm & Marketing Support to Farmers – 2018-19****To be filled by farmer**

Affix self- attested passport size photograph
-----------------------------------------------------------

**1. General information**

- Applicant Category : \_\_\_\_\_ ( Big Farmer/Marginal Farmer/Small Farmer/Other Farmer).

**2. General Details of Farmer**

- Farmer Name: \_\_\_\_\_ S/o/D/o/W/o: \_\_\_\_\_
- Category (Social Status) \_\_\_\_\_ (GEN/ BC/SBC/SC/ST/Others)
- Gender: \_\_\_\_\_ (M/F), Date of Birth: \_\_\_\_\_
- Educational Qualification \_\_\_\_\_
- AADHAR No.: \_\_\_\_\_
- Address: House No.: \_\_\_\_\_ Gali/Street No. : \_\_\_\_\_
- Village: \_\_\_\_\_ Panchyat: \_\_\_\_\_ Block: \_\_\_\_\_ Tehsil : \_\_\_\_\_
- \_\_\_\_\_ District: \_\_\_\_\_ State : \_\_\_\_\_ Pin Code : \_\_\_\_\_
- \_\_\_\_\_ Phone No. ( with STD Code) \_\_\_\_\_ Mobile No. \_\_\_\_\_

- **Land detail of farmer**

- Land address: Village: \_\_\_\_\_ Block: \_\_\_\_\_  
Tehsil: \_\_\_\_\_ District: \_\_\_\_\_
- Total land: \_\_\_\_\_ (acres)
- Land Status: \_\_\_\_\_
- Area of Poly house: \_\_\_\_\_ (sqm)
- Date of installation/ completion of poly house: \_\_\_\_\_

**3. Bank details (Farmer where subsidy is to be transferred):**

- Name of Bank: \_\_\_\_\_
- Branch Name: \_\_\_\_\_
- IFSC code: \_\_\_\_\_
- Account No. /Subsidy reserve account No: \_\_\_\_\_

- Estimated cost of replacement of plastic sheet includes cost of Poly Sheet, Insect Net on sides & top, bottom apron, Springs, fitting material like clumps : Rs.-----
- I/We undertake that:

- i. I am/ we are sole owner of the Poly House for which application for assistance under the component is submitted.
  - ii. The dimensions of the structure will fall within area as per revenue record and *sizra*.
  - iii. I/and my fellow farmers agree that I/we have not availed any kind of assistance from any Govt. agency under this component.
  - iv. I/and my fellow farmers agreed to follow the minimum prescribed specifications and terms and conditions laid by Govt./Department.
  - v. I/we shall execute the work of replacement of Plastic Sheet of poly house at my own level.
  - vi. I/we shall be responsible for quantity and quality of the cladding material used for replacement.
  - vii. I/we shall intimate Department after completion of work in all respects. I shall remain present and cooperate at the time of physical verification to be carried out.
  - viii. In case of any damage due to natural calamities either during construction or thereafter I/we shall be responsible, Department shall not be responsible in anyway.
  - ix. I/we should not lodge any false complaint/claim or to create any unpleasant situation and try to settle differences and disputes if any amicably and as far as possible at local level.
  - x. I shall abide by the norms and guidelines.
- 8.** I declare that whatever information I have given above is true and any misleading information from my side makes me liable to reject my case for sanction. Violation of any terms and conditions, department may take any appropriate action against me.

Date:

Yours faithfully

Signature of farmer  
(Name: \_\_\_\_\_)

**FPO recommendation**

It is certified that Sh.\_\_\_\_\_ S/o Sh. \_\_\_\_\_ Village\_\_\_\_\_ P.O.\_\_\_\_\_ Tehsil\_\_\_\_\_ District\_\_\_\_\_ is member of FPO(name of FPO)\_\_\_\_\_ District. He has poly house in area \_\_\_\_\_ sqm in his name and this poly house is 3 years old from till date. The application is recommended for assistance for replacement of cladding material of this poly house.

(Authorized Signatory)

Date:

Stamp:\_\_\_\_\_

To District Horticulture Officer (District)\_\_\_\_\_.

**Annexure-II****CHECK LIST OF DOCUMENTS**

(To be submitted by farmer to DHO at the time of application)

From: Name of farmer: \_\_\_\_\_ s/o; d/o; w/o Sh \_\_\_\_\_  
 VPO: \_\_\_\_\_ Teh. \_\_\_\_\_  
 Distt. \_\_\_\_\_ PIN \_\_\_\_\_  
 Contact No. \_\_\_\_\_ E-mail: \_\_\_\_\_

To:

District Horticulture Officer \_\_\_\_\_

Dear Sir,

Kindly find attached the self-attested copies of following documents:

S. No.	Particulars	Document Attached (Yes or No)
1.	Application form (duly filled and signed by applicant, no column shall be kept blank, cutting and over-writing not allowed and latest self- attested photograph of the applicant on specified space must be affixed)	
2.	Application duly recommended by FPO concerned	
3.	Copy of Ration Card (self-attested)	
4.	Cost- Estimate of replacement of cladding material of poly house (duly attested and submitted by farmer)	
5.	Original Copy of Land Records – (not issued before six month back) with <i>Intkal/Zamabandi, sizra</i> latest with Signature of <i>Patwari/Kanungo/Tehsildar</i> (Name of the farmer in land record must be matched with name mentioned in Identity of farmer)	
6.	i) In case of Joint Land Shareholders if Any, undertaking of farmer	
	ii) In case of Joint Land Shareholders only, Land Verification Report of Patwari as per form No. 5 (cutting and over-writing is not allowed in land verification report of Patwari, all columns must be filled up and signed by Patwari as per performa).	
7.	Document regarding date of completion of poly house (self- attested)	

Dated:

Signature  
(Name of Farmer)

**Sanction letter****To**

\_\_\_\_\_ (Farmer Name)  
 S/o/D/o/W/o : \_\_\_\_\_ House No.: \_\_\_\_\_  
 Gali/Street No. : \_\_\_\_\_ Village: \_\_\_\_\_  
 Block: \_\_\_\_\_ Tehsil: \_\_\_\_\_ District: \_\_\_\_\_

**Memo. No.** \_\_\_\_\_ **Dated:** \_\_\_\_\_

**Subject: Sanction letter for replacement of Plastic Sheet of poly house under CCDP “On Farm & Marketing Support to Horticulture Farmers” during 2018-19.**

**Ref: Memo. No.** \_\_\_\_\_ **dated** \_\_\_\_\_.

Refer to the subject and reference as cited above the sanction is hereby accorded to Sh./Smt. \_\_\_\_\_ Vill. \_\_\_\_\_, District \_\_\_\_\_ for replacement of Plastic Sheet of poly house as per the following details:

Area of Poly house	Year of installation				Estimated cost of replacement of Plastic Sheet of poly house including other identified items under CCDP	Assistance amount @ 70%
	Name of Scheme	Date of sanction	Date of completion	Date of Final inspection		

We issue this sanction letter based on your submission of documents. The sanction is accorded subject to the following conditions-

1. You shall follow the Norms and Guidelines of the scheme, **copy of which is enclosed herewith.**
2. The validity of the sanction shall remain for 30 days from the date of issue of this letter. If work is not completed within 30 days of sanction, farmer has to intimate DHO with reason of delay and with request to extension of time.
3. Beneficiary shall intimate to the Department to conduct physical verification after completion of work in all respects
4. Subsidy shall be released on the satisfactory inspection report of the joint inspection team and subject to availability of funds.

Sign of Sanctioning Authority

CC: A copy of above is forwarded to the following for information and necessary action:

1. Concerned FPO.

(अनुदान के क्लेम के लिए सूचना प्रारूप)  
(कार्य पूर्ण करने उपरान्त किसान द्वारा जारी किया जायेगा)

सेवा में

जिला उद्यान अधिकारी,

----- ।

विषय:— कार्य पूर्ण की सूचना।

मैंने अपने खेत में लगे हुए पोली हाउस (साईज ----- वर्गमीटर) का प्लास्टिक सीट बदलने सम्बन्धी कार्य विभाग की स्वीकृति, गाईडलाईन, नार्मस एवं सपैसीफिकेशनस अनुसार पूर्ण कर लिया है। इसलिये निवेदन है कि विभाग द्वारा इसका भौतिक सत्यापन कर लिया जाये तथा मुझे विभागीय नियमानुसार अनुदान राशि जारी की जाये।

दिनांक:

हस्ताक्षर  
(किसान का नाम)



**LAND RECORD VERIFICATION FORMAT:-**

Sr. No.	Name & address of farmers	Muraba No.	Killa No.	Farmers land share	
				Kanal	Marla

The above information is verified and correct as per the land revenue record.

Revenue Officer/Patwari

The plastic sheet of poly house shall be replaced in Killa No \_\_\_\_\_  
M.No. \_\_\_\_\_ Village \_\_\_\_\_ block \_\_\_\_\_ which stands  
in the name of Sh.  
\_\_\_\_\_ S/o \_\_\_\_\_.

HDO/Supervisor  
Concerned Block

**Annexure-III****Performa for Physical Verification****(Replacement of Plastic sheet of poly house)**

Date of Inspection:-			
Name & Add. of Beneficiary:-			
Sr. No.	Items	Description/ Specification	Observations
1	Plastic Sheet	UV stabilized 200 micron transparent plastic films. Conforming Indian Standards (IS 15827: 2009), multilayered, anti-drip, anti- fog, anti-sulphur, diffused, clear and having minimum 85% level of light transmittance.	
2	Insect net	40 mesh nylon Insect proof nets (UV stabilized) of equivalent size.	
3	Bottom Apron	UV stabilized woven fabric 160 GSM/200 micron poly film and a height of 1m above ground and 50 cm buried below ground (Total width 1.5m)	
4	Spring	Zigzag high carbon steel with spring action wire of 2-3 mm diameter must be inserted to fix sheet into Aluminum/GI Profile.	
5	Fitting material- Clumps	GI Half Circle Clumps with 2mm thickness	

**Recommendation/Remarks:-****DDH/ Field****DHO****HDO/Supervisor  
concerned**

#### 4. Micro Irrigation Programme under Per Drop More Crop component of Pradhan Mantri Krishi Sinchai Yojna. (PMKSY).

##### 1. Assistance Rate

Haryana State Govt. providing 15% additional assistance to all category of farmers & 15 to 25% additional assistance to scheduled caste farmer over & above the other category farmers. The final assistance pattern in the State is as under:

1. Table A: Assistance pattern & area limit in blocks other than 36 Over Exploited & Critical blocks:

Sn.	Categories of Beneficiary	General Beneficiary Farmers (%)	Scheduled Caste Beneficiary Farmers (%)	Area Limit
A	Small & Marginal	70	85	5 ha
B	Other Farmer	60	85	5 ha

2. Table B: Assistance & area limit for '36' Over Exploited & Critical Blocks shall be as under:

Sn.	Categories of Beneficiary	General Beneficiary Farmers (%)	Scheduled Caste Beneficiary Farmers (%)	Area Limit per beneficiary
A	Small & Marginal	85	85	10 ha.
B	Other Farmer	85	85	10 ha.

3. For assistance and area limit relaxation, the list of '36' OE & CB is as under:

Sn.	District	Blocks	Sn.	District	Blocks
1	Bhiwani	1. Badhara 2. Kairu 3. Loharu 4. Behal 5. Tosham	8	Kurukshetra	26. Ladwa 27. Pehowa 28. Shahabad
2	Fatehabad	6. Tohana	9	Karnal	29. Karnal
3	Gurugram	7. Farukhnagar 8. Pataudi 9. Sohna 10. Gurgaon	10	Panipat	30. Bapoli 31. Samalkha
4	Kaithal	11. Gulha 12. Rajaund	11	Sirsa	32. Rania 33. Ellanabad
5	Palwal	Palwal 14. Hassanpur 15. Hathin 16. Hodal	12	Faridabad	34. Municipal Corporation of Faridabad 35. Ballabgarh
6	Yamunanagar	17. Jagadhari 18. Mustafabad 19. Radour 20. Sadhura	13	Rewari	36. Khol
7	Mahendergarh	21. Nangal Chaudhary 22. Narnaul 23. Kanina 24. Ateli 25. Mahendergarh			

1.1 **The Annual Action Plan 2018-19 is as under:**

<b>PMKSY- AAP : 2018-19</b>							
<b>Total District wise physical Summary: Horticultural Crops</b>							
<b>Sn.</b>	<b>District</b>	<b>Drip</b>		<b>Mini Sprinkler</b>		<b>Total physical target</b>	
		Bene. (no.)	Area (Ha.)	Bene. (no.)	Area (Ha.)	Bene. (no.)	Area (Ha.)
1	Ambala	65	50	167	130	232	180
2	Bhiwani	1300	1000	1543	1200	2843	2200
3	Charkhi Dadri	390	300	887	690	1277	990
4	Faridabad	13	10	64	50	77	60
5	Fatehabad	104	80	129	100	233	180
6	Gurugram	195	150	257	200	452	350
7	Hisar	195	150	257	200	452	350
8	Jhajjar	39	30	167	130	206	160
9	Jind	91	70	219	170	310	240
10	Kaithal	65	50	219	170	284	220
11	Karnal	91	70	129	100	220	170
12	Kurukshetra	91	70	206	160	297	230
13	M.Garh	195	150	1414	1100	1609	1250
14	Nuh	195	150	900	700	1095	850
15	Palwal	130	100	219	170	349	270
16	Panchkula	26	20	64	50	90	70
17	Panipat	65	50	129	100	194	150
18	Rewari	195	150	1029	800	1224	950
19	Rohtak	130	100	231	180	361	280
20	Sirsa	611	470	129	100	740	570
21	Sonepat	104	80	129	100	233	180
22	Yamunanagar	130	100	514	400	644	500
	<b>Total</b>	<b>4420</b>	<b>3400</b>	<b>9000</b>	<b>7000</b>	<b>13420</b>	<b>10400</b>

<b>PMKSY-AAP: 2018-19</b>										
<b>Total District wise Financial Summary : Horticultural Crops</b>										
<b>Sr. No.</b>	<b>District</b>	<b>Drip</b>		<b>Mini Sprinkler</b>		<b>Total Share as subsidy to farmers</b>		<b>Aministrati ve cost @ 5% on GOI share</b>	<b>Total GOI Share including Administr ative cost</b>	<b>Total assistan ce</b>
		<b>GOI Share</b>	<b>State Share</b>	<b>GOI Share</b>	<b>State Share</b>	<b>GOI Share</b>	<b>State Share</b>	<b>GOI- Admn. Cost</b>	<b>Total GOI Share</b>	
1	Ambala	11.16	13.05	32.36	38.41	43.52	51.46	2.18	45.70	97.16
2	Bhiwani	223.28	260.95	298.71	354.56	521.98	615.51	26.10	548.08	1163.59
3	Charkhi Dadri	66.98	78.28	171.76	203.87	238.74	282.16	11.94	250.68	532.84
4	Faridabad	2.23	2.61	12.45	14.77	14.68	17.38	0.73	15.41	32.80
5	Fatehabad	17.86	20.88	24.89	29.55	42.75	50.42	2.14	44.89	95.31
6	Gurugram	33.49	39.14	49.78	59.09	83.28	98.24	4.16	87.44	185.68
7	Hisar	33.49	39.14	49.78	59.09	83.28	98.24	4.16	87.44	185.68
8	Jhajjar	6.70	7.83	32.36	38.41	39.06	46.24	1.95	41.01	87.25
9	Jind	15.63	18.27	42.32	50.23	57.95	68.50	2.90	60.84	129.34
10	Kaithal	11.16	13.05	42.32	50.23	53.48	63.28	2.67	56.15	119.43
11	Karnal	15.63	18.27	24.89	29.55	40.52	47.81	2.03	42.55	90.36
12	Kurukshetra	15.63	18.27	39.83	47.28	55.46	65.54	2.77	58.23	123.77
13	M.Garh	33.49	39.14	273.82	325.02	307.31	364.16	15.37	322.67	686.83
14	Nuh	33.49	39.14	174.25	206.83	207.74	245.97	10.39	218.13	464.10
15	Palwal	22.33	26.09	42.32	50.23	64.64	76.32	3.23	67.88	144.20
16	Panchkula	4.47	5.22	12.45	14.77	16.91	19.99	0.85	17.76	37.75
17	Panipat	11.16	13.05	24.89	29.55	36.06	42.59	1.80	37.86	80.45
18	Rewari	33.49	39.14	199.14	236.38	232.63	275.52	11.63	244.26	519.78
19	Rohtak	22.33	26.09	44.81	53.18	67.13	79.28	3.36	70.49	149.77
20	Sirsa	104.94	122.64	24.89	29.55	129.83	152.19	6.49	136.32	288.51
21	Sonepat	17.86	20.88	24.89	29.55	42.75	50.42	2.14	44.89	95.31
22	Yamunanagar	22.33	26.09	99.57	118.19	121.90	144.28	6.09	127.99	272.27
	<b>Total</b>	<b>759.14</b>	<b>887.21</b>	<b>1742.47</b>	<b>2068.29</b>	<b>2501.61</b>	<b>2955.50</b>	<b>125.08</b>	<b>2626.69</b>	<b>5582.19</b>

## **Per Drop More Crop Drip & Mini Sprinkler Irrigation Programme (PMKSY)**

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### **1. Background**

The Government of India had launched Centrally Sponsored Scheme on Micro Irrigation with the objective to enhance water use efficiency in the agriculture sector by promoting appropriate technological interventions like drip & sprinkler irrigation technologies and encourage the farmers to use water saving and conservation technologies.

- a) The Scheme was launched by the Department of Agriculture & Cooperation, Ministry of Agriculture in January, 2006 as Centrally Sponsored Scheme on Micro Irrigation (CSS). In June, 2010, it was up-scaled to National Mission on Micro Irrigation (NMMI), which continued till the year 2013-14.
- b) From 1<sup>st</sup> April, 2014, NMMI was subsumed under National Mission on Sustainable Agriculture (NMSA) and implemented as “On Farm Water Management” (OFWM) during the financial year 2014-15.
- c) From 1st April 2015, Micro Irrigation component of OFWM has been subsumed under Pradhan Mantri Krishi Sinchayee Yojana. It implemented as Centrally Sponsored Scheme on Micro Irrigation during the financial year 2015-16 as per the same pattern of assistance and cost norms as prevailing under OFWM
- d) The Union Cabinet has approved the programme ‘Pradhan Mantri Krishi Sinchayee Yojana (PMKSY)’ on 1<sup>st</sup> July, 2015, that will have following programme components:
  - Accelerated Irrigation Benefit Programme (AIBP) for major & medium irrigation including National Projects.
  - PMKSY (Har Khet ko Pani) for minor irrigation (both surface & ground water) including water sources, harvesting structures & distribution system
  - PMKSY (Per Drop More Crop) for micro irrigation including drip, sprinkler, rain guns on the farm
  - PMKSY (Watershed Development) for rain water harvesting & water shed.
- e) The major objective of PMKSY is to achieve convergence of investments in irrigation at the field level, expand cultivable area under assured irrigation, improve on-farm water use efficiency to reduce wastage of water, enhance the adoption of precision-irrigation and other water saving technologies (Per Drop More Crop), enhance recharge of aquifers and introduce sustainable water conservation practices by exploring the feasibility of reusing treated municipal waste water for peri-urban agriculture and attract greater private investment in precision irrigation system.

### **2. Present Status of Micro Irrigation in Haryana :**

- Micro irrigation started in Haryana under mission mode in 2006-07.

- From the year 2016-17, the micro irrigation programme is being implemented under Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) as per the operational guidelines of Per Drop More Crop (PDMC) component of PMKSY.
- The MI programme is being implemented through a web portal namely MI-NET since 2012-13 in the State. Every process from application submission to release of assistance is being done through MI-NET. In current financial year, assistance of micro irrigation system shall directly credited into the account of beneficiary/farmer and the account shall link with Aadhar Card.
- Keeping in view of objective to enhance the adoption of precision-irrigation and other water saving technologies, annual action plan of Haryana State for the year 2018-19 to cover the area of 52,400 ha under drip irrigation, mini sprinkler & sprinkler irrigation system has been approved by GOI & State Level Sanctioning Committee (SLSC).
- State Level Committee (SLC) has been constituted under NMSA and decided that *“Horticulture Department shall coordinate Micro Irrigation Programme and take necessary action for arrangement of funds”*.
- Physical & financial progress (Horticulture & Agriculture Crops) under MI scheme

**Physical Progress 2006-07 to 2017-18 (Area in ha.)**

S N	Year	Drip	Sprinkler	Total
1	2006-07	812	1864	2676
2	2007-08	1041	6735	7776
3	2008-09	2139	20170	22309
4	2009-10	2468	790	3258
5	2010-11	3900	5254	9154
6	2011-12	2751	5961	8712
7	2012-13	2645	3914	6559
8	2013-14	2504	3860	6364
9	2014-15	1550	1850	3400
10	2015-16	1756	1360	3116
12	2016-17	1158	4624	5782
13	2017-18	2105	8315	10420
	<b>Total</b>	<b>24829</b>	<b>64697</b>	<b>89526</b>

**Financial Progress 2006-07 to 2017-18 (Rs. in lakhs)**

S N	Year	Available budget	Expenditure	Percentage utilization
1	2006-07	583.69	235.74	40
2	2007-08	1124.36	645.2	57
3	2008-09	2113.62	1891.39	89
4	2009-10	942.42	851.76	90
5	2010-11	2624.10	2594.31	99
6	2011-12	4065.40	4034.09	99
7	2012-13	6648.22	6260.83	94
8	2013-14	6784.58	6189.32	91
9	2014-15	3051.72	3029.07	99
10	2015-16	4416.75	2000.45	45
11	2016-17	8221.23	2083.31	25
12	2017-18	6481.35	3356.68	52
	<b>Total</b>	<b>47057.44</b>	<b>33172.15</b>	<b>71</b>

### 3. Implementation Mode

Micro irrigation programme under Per Drop More Crop of PMKSY scheme is being implemented in Horticulture & Agriculture Department. The concerned departments implementing MI scheme for their concerned crop. The following components are being covered in micro irrigation programme under Per Drop More Crop of PMKSY scheme in Haryana State:

- a) Drip Irrigation System
- b) Mini Sprinkler System

### 4. Type of Farmer

Generally in Haryana State, farmers usually have small land holdings & categorized accordingly. The farmer type depending upon ownership of total land holding is defined as under:

- a) Marginal Farmer - Area up to 1.0 ha.
- b) Small Farmer - Area from 1.0 ha. to 2.0 ha.
- c) Other General Farmer - Area greater than 2.0 ha.

### 5. Assistance Rate

Haryana State Govt. providing 15% additional assistance to all category of farmers & 15 to 25% additional assistance to scheduled caste farmer over & above the other category farmers. The final assistance pattern in the State is as under:

4. Table A: Assistance pattern & area limit in blocks other than 36 Over Exploited & Critical blocks:

Sn.	Categories of Beneficiary	General Beneficiary Farmers (%)	Scheduled Caste Beneficiary Farmers (%)	Area Limit
A	Small & Marginal	70	85	5 ha
B	Other Farmer	60	85	5 ha

5. Table B: Assistance & area limit for '36' Over Exploited & Critical Blocks shall be as under:

Sn.	Categories of Beneficiary	General Beneficiary Farmers (%)	Scheduled Caste Beneficiary Farmers (%)	Area Limit per beneficiary
A	Small & Marginal	85	85	10 ha.
B	Other Farmer	85	85	10 ha.

6. For assistance and area limit relaxation, the list of '36' OE & CB is as under:

Sn.	District	Blocks	Sn.	District	Blocks
1	Bhiwani	2. Badhara 2. Kairu 3. Loharu 4. Behal 5. Tosham	8	Kurukshetra	26. Ladwa 27. Pehowa 28. Shahabad
2	Fatehabad	6. Tohana	9	Karnal	29. Karnal
3	Gurugram	10. Farukhnagar 11. Pataudi 12. Sohna 10. Gurgaon	10	Panipat	30. Bapoli 31. Samalkha
4	Kaithal	11. Gulha 12. Rajaund	11	Sirsa	32. Rania 33. Ellanabad
5	Palwal	14. Palwal 14. Hassanpur 15. Hathin 16. Hodal	12	Faridabad	34. Municipal Corporation of Faridabad 35. Ballabhgarh
6	Yamunanagar	17. Jagadhari 18. Mustafabad 19. Radour 20. Sadhura	13	Rewari	36. Khol
7	Mahendergarh	21. Nangal Chaudhary 22. Narnaul 23. Kanina 24. Ateli 25. Mahendergarh			

## 6. Scheme Monitoring

The following officers shall monitor & physical verify the micro irrigation system as tabulated below:

S. N.	Designation of Officer	Percentage
1.	Horticulture Development Officer Extension/Plasticulture	100
2.	Subject Matter Specialist	100
3.	District Horticulture Officer	16
4.	Dy. Director Horticulture (Field)	7
	Head Quarter	2

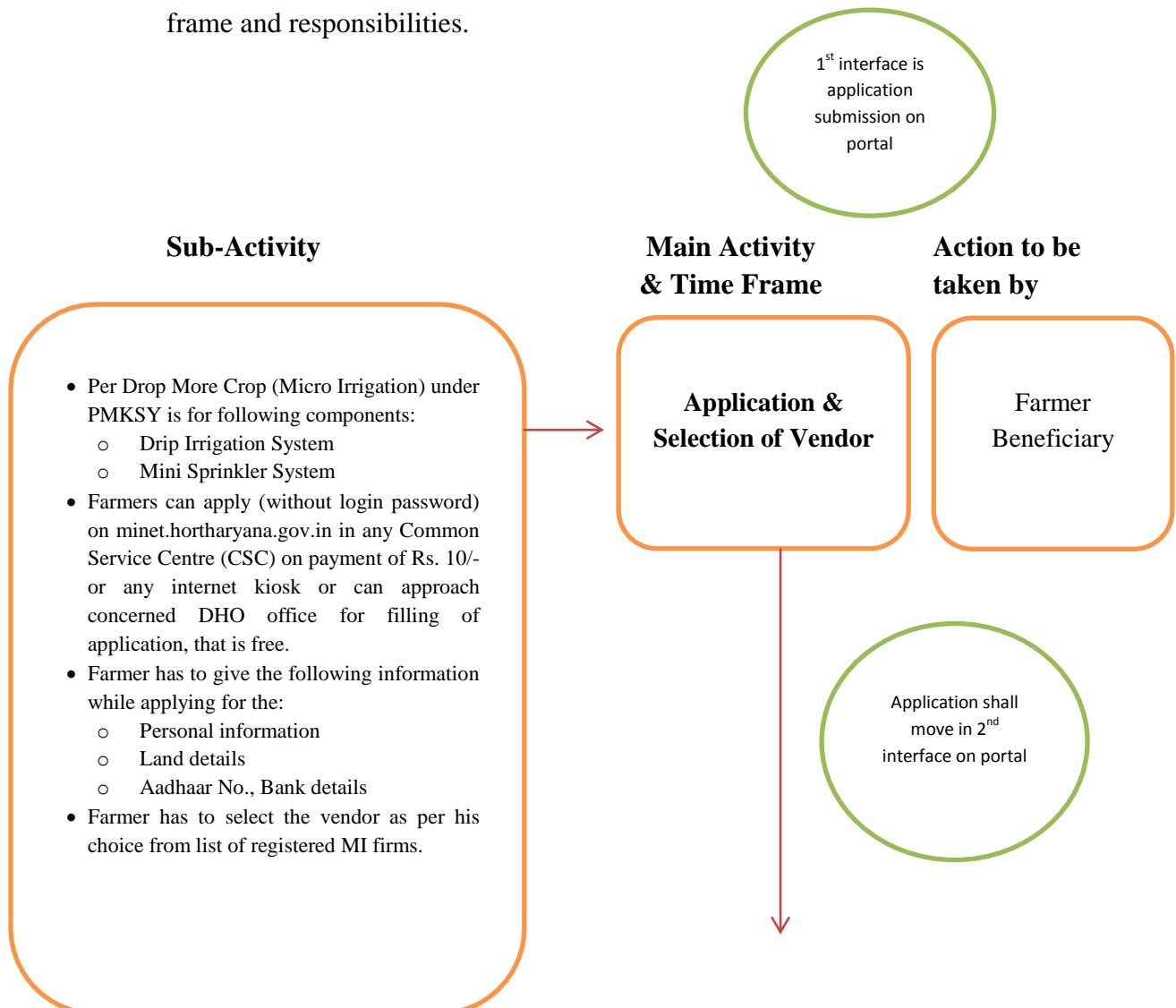
- All the physical inspections shall be GPS based having field co-ordinates.
- The physical inspection shall be conducted jointly by all the concerned officers including Subject Matter Specialist, Horticulture Development Officer Extension/Plasticulture, firm representative/authorized signatory & concerned farmer beneficiary.
- This joint inspection as per the norm above shall be conducted before releasing the subsidy.

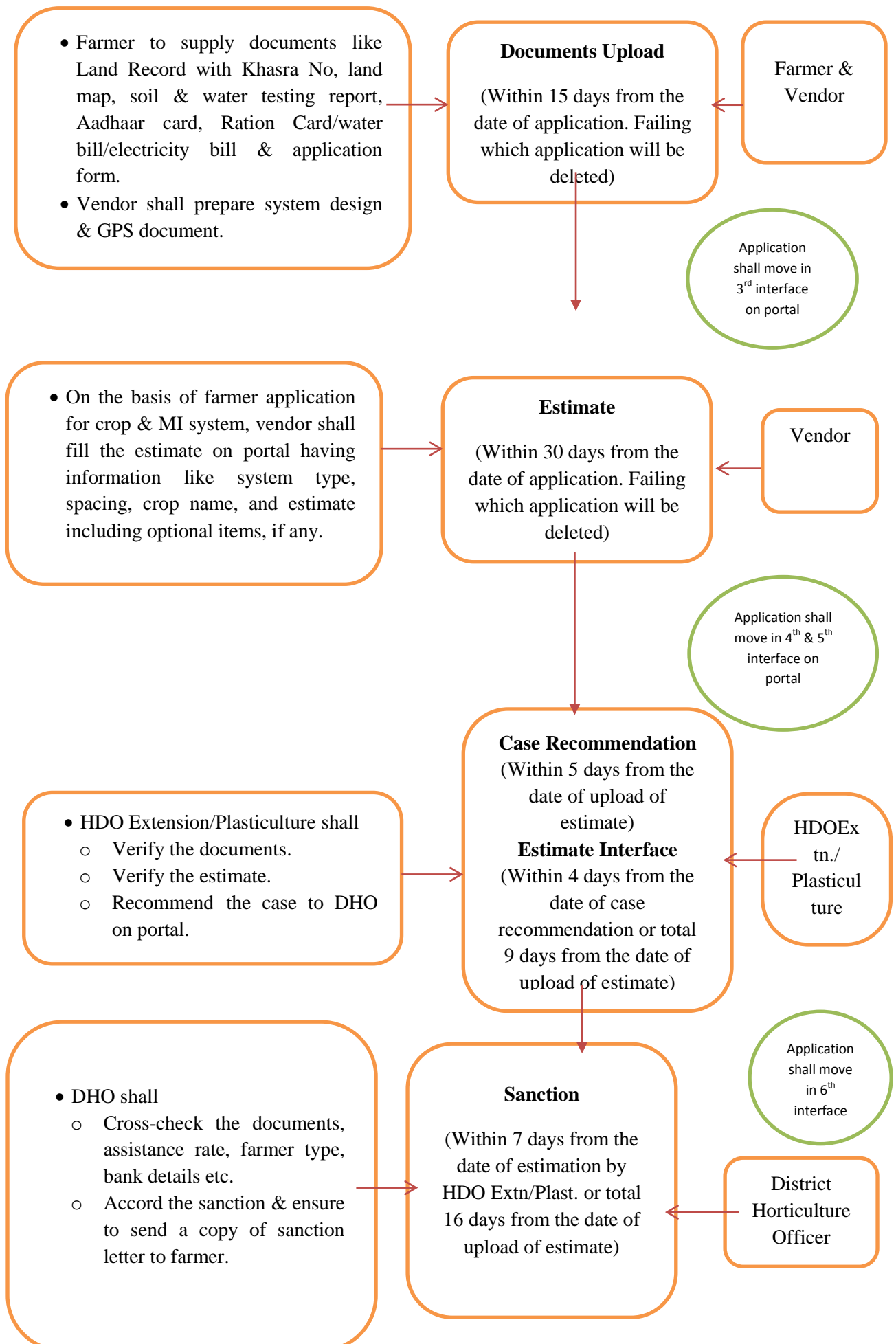


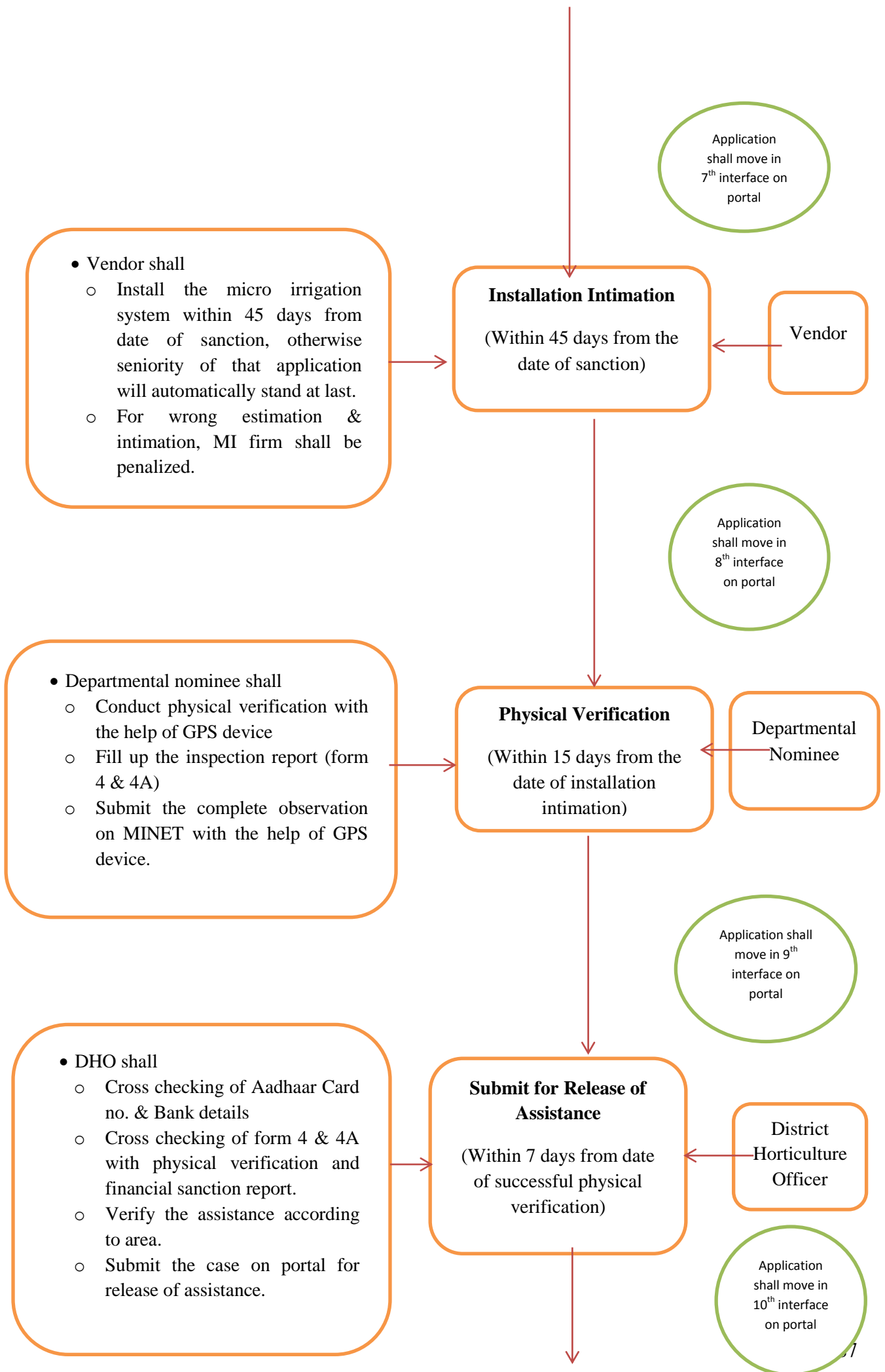
- The team shall be responsible for area, system components, specifications and quantity of MI system.
- The officers at the level of Joint Director &/or Dy. Director/HQ shall visit the field & evaluate the micro irrigation programme at least twice a month.

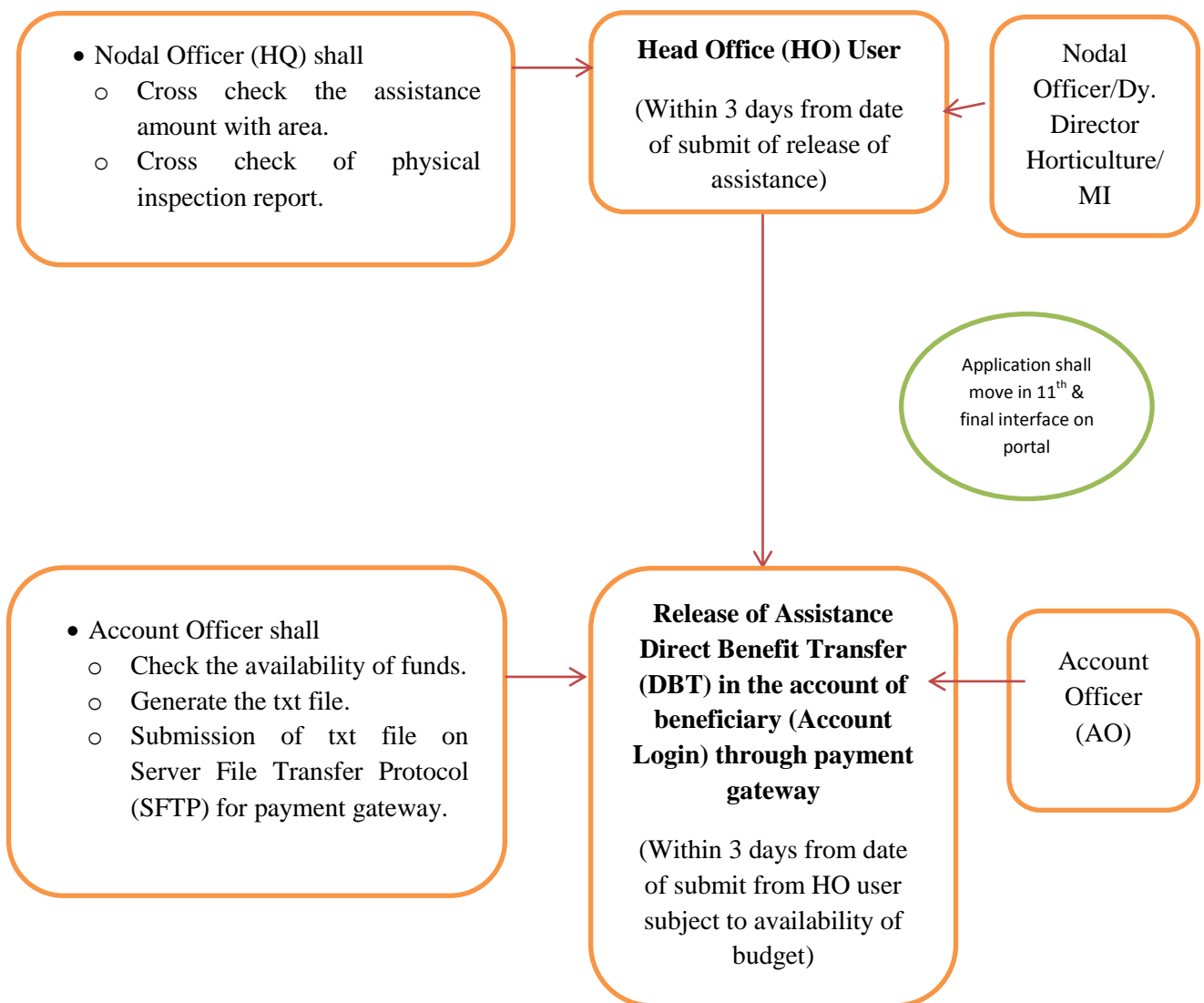
## 7. MINET Web Portal & Work Responsibilities during various interfaces

- Website address:** Department of Horticulture is implementing micro irrigation programme on online web portal namely as MINET. All the process from submission of application to release of assistance are processed online on above portal. The web address of MINET portal is <http://minet.hortharyana.gov.in>
- The following **type of reports** can be generated on MINET.
  - General, Backward Class, Other Backward Class, SCSP farmers, Women farmers, District wise physical & financial, Stage wise & SMI wise pendency, GoI & State share report etc.
- Flow Chart:** Steps of implementation of MI Programme from application submission to final release of assistance are enlisted in flow chart along with time-frame and responsibilities.









## 8. Terms & Conditions for MI Work Execution

### a) Obligations of farmer

- i. Farmers can apply (without login password) on [minet.hortharyana.gov.in](http://minet.hortharyana.gov.in) in any Common Service Centre (CSC) on payment of Rs. 10/- or any internet kiosk or can approach concerned DHO office for filling of application.
- ii. Farmer has to give the following information while applying for the assistance on account of installation of micro irrigation system:
  - Personal information
  - Land details
  - Aadhaar No.
  - Bank details
- iii. Farmer has to select the vendor as per his choice from list of registered MI firms.
- iv. Farmer to supply documents like Land Record with Khasra No, land map, soil & water testing report, Aadhaar card, Ration Card/Water Bill/ Electricity Bill & application form.
- v. Longevity of the system shall be for 7 years. Farmer shall maintain/run the system at least for 7 years.

### b) Conditions & Obligations of MI firm for the sanctioned cases under Progress before 31.03.2018.

The MI cases which are sanctioned upto 31.03.2018 shall be processed on approved rates, norms & guidelines of prevailing years.

### c) Conditions & Obligations of MI firm for the cases sanctioned during 2018-19.

- i. Farmers will be able to submit applications by uploading <http://minet.hortharyana.gov.in> directly or through firm / nearest office of Horticulture Department.
- ii. The application of land owners are eligible, in case of Cooperative/group farming, members of cooperative societies, self-help groups, incorporated companies, panchayatiraj institutions, NGOs, Trusts; associations will be entitled to avail financial assistance through their respective bodies. In such cases, the individual beneficiary will receive financial assistance only through the respective organizations.
- iii. Beneficiaries/Institutions that have opted for contract farming or taken land on lease are also eligible for obtaining financial assistance under the scheme. However, to become eligible, the beneficiary/institution shall have to produce lease agreement for a minimum period of seven years from the date of approval of application by the MI implementing agency.
- iv. The farmer will be free to procure material from any of the manufactures/suppliers which is registered by Department of Agriculture and farmer's welfare Department.
- v. The rates of different component, specifications, unit cost and quantity of different MI component as mentioned in Guideline of Agriculture and farmers Welfare Department Haryana shall be applicable.
- vi. The rates approved/quoted by the firms for any equipment/system whichever is less shall be applicable and will be further negotiable by the farmers.

- vii. For each wrong installation intimation, firm have to pay Rs. 2500/- per case for re-inspection as penalty charges.
- viii. If the firm fails to rectify the shortcomings in the system within 10 days, the firm will be liable to pay an amount of Rs. 2000/- per case by way of Demand Draft in favour of DGH, Haryana payable Panchkula.
- ix. In case of any dispute between the farmer and supplier firm regarding payment of material, the department will not be responsible.
- x. No subsidy will be admissible on earth work, optional components and GST.
- xi. If the firm fails to submit its renewed copy of license within two months of expiry the strict action will be initiated against the erring firm.
- xii. The land holding of a farmer must be duly verified by the Patwari concerned in case of joint land holding.
- xiii. Vendor/farmer shall submit the copy of bill of material duly signed by the farmer in the office of concerned DHO within 15 days after installation of the system.
- xiv. Authorised representative of firm shall emboss all the documents submitted by firm. Like vendor estimate, vendor bill, form 4 & 4A and Physical Verification and Financial Sanction report etc.
- xv. Subsidy amount will be credited directly in the Bank Account of the farmer.
- xvi. A system generated SMS will be sent to farmer beneficiary at various interfaces such as application submission, sanction & final release for assistance.
- xvii. To achieve the Targets of AAP 2018-19, minimum 20 awareness campaign/field days/trainings must be conducted in each District.
- xviii. As MINET is notified e-service under Haryana Right to Service Act 2014, therefore it is directed to strictly implement the activities as mentioned in flow chart.
- xix. Samples for testing should be collected jointly by the joint inspection team, state nodal official and the company representatives in triplicate and properly labelled, sealed and signed. The samples are collected for all major system components, especially pipes & tubing. One set of samples should be sent to CIPET/BIS or any other approved product testing laboratory for testing as the SLSC may deem fit, another set is to be preserved in the custody of nodal officer and the third one is to be with the manufacturer. After collection of samples at random, they should be coded as per BIS guidelines for the purpose of security and further reference. Collection of samples with batch number is mandatory. The samples may be as well as the supply chain of the manufacturer after the product has been dispatched from the manufacturing unit. The quantity of material required for conducting the test is as detailed below:

Sr. No	Component	Test Required	Test Method	Test samples required
1	Laterals	Identification and composition analysis	IS 12786	20 meter
		Thickness		
		Pressure Test		
		Dimensions		
2	Emitting pipes	Identification and composition analysis	IS 13488	50 meter
		Thickness		
		Pressure Test		
		Dimensions		
3	HDPE pipe	Identification and composition	IS 4984 & IS 14151	1 meter

		analysis	Part 2	
		Thickness		
		Pressure Test		
		Dimensions		
4	PVC pipe	Identification and composition analysis	IS 4985	1 meter
		Thickness		
		Pressure Test		
		Dimensions		
5	Emitters/Drippers	Identification and composition analysis	IS 13487	50 Nos
		Flow rate		

- xx. The expenditure towards the testing charges shall be met from the administrative cost under the scheme.
- xxi. The state nodal officer will do proper scrutiny of the test report provided by the testing laboratory and draw conclusion from the findings regarding conformity or otherwise of the samples under the test. After scrutiny, the details of test report and results of conformity/non-conformity shall be placed before SLSC for consideration. In case of non-conformity, SLSC may take action against the company/its authorized dealers as per penalty clause mentioned in the scheme guidelines. The SLSC shall follow principle of natural justice and the company as well as the beneficiary shall be heard before taking a final action in the matter.
- xxii. Material taken for the sample will be replaced to the farmer by the concerned firm within 7 days from the date of drawl of sample.
- xxiii. The bank guarantee given by the firm will be encased in the event of supply of non-BIS material, submission of false documents, short supply of material against the bill, indulging in any fraudulent activity, not attending to the complaints of farmer, not co-operating in sampling process etc.
- xxiv. Concerned Civil Courts in Haryana will have jurisdiction in matter of dispute.
- xxv. If any empanelled firm violates any condition of the implementation of the programme or found indulging in unfair means or activities, the decision for suspension of empanelment and/or blacklisting of such firm will be taken by the Director of Agriculture.

**d) Obligations of department (Interface wise)**

• **HDO Extension/Plasticulture shall**

- Verify the documents like land record, land map, system design, aadhar card, farmer type, soil & water testing report etc.
- Consider self-attested documents either original or photocopied pertaining to farmer like land record, land map (not old more than one year), aadhar card, ration card/water bill/electricity bill & photo ID proof.
- Verify the estimate as per type of micro irrigation system for which applicant/farmer has been applied for assistance.
- Recommend the case to DHO on portal.

• **DHO shall**

- Insure that applicant has not availed subsidy in past on this/these *Khasra* number and *Kila* number from Horticulture/Agriculture/Other Department.

- Cross-check the documents, assistance rate, farmer type, bank details, farmer share etc.
- Accord the sanction & ensure to send a copy of sanction letter to farmer.
- **Departmental nominee shall**
  - Conduct physical verification with the help of GPS device
  - Fill up the inspection report (form 4 & 4A)
  - Submit the complete observation on MINET with the help of GPS device.
  - Generate Physical Verification & Financial Sanction report & duly sign the same by embossing stamp & date.
- **DHO shall**
  - Insure that applicant has not availed subsidy in past on this/these *Khasra* number and *Kila* number from Horticulture/Agriculture/Other Department.
  - Cross checking of Aadhaar Card no. & Bank details
  - Cross checking of form 4 & 4A with physical verification and financial sanction report.
  - Verify the assistance according to area.
  - Submit the case on portal for release of assistance.
- **Nodal Officer (HQ)/DDH/MI shall**
  - Cross-check the assistance amount with area.
  - Cross-check of physical inspection report.
- **Account Officer shall**
  - Check the availability of funds, if available,
  - Generate the txt file.
  - Submission of txt file on Server File Transfer Protocol (SFTP) for payment gateway.
  - If not, Account Officer shall hold the case by taking case under objection.



## 9. Annual Action Plan 2018-19

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	<b>Horticulture Crops</b>						
	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
	<b>Sub Total</b>	<b>10400</b>	<b>2501.61</b>	<b>2955.50</b>	<b>125.08</b>	<b>2626.69</b>	<b>5582.19</b>
	Salary & allow.			108.00			160.00
	<b>Human Resource Development &amp; Media</b>						
	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
	<b>Total</b>	<b>10400</b>	<b>2501.61</b>	<b>3063.50</b>	<b>186.72</b>	<b>2688.33</b>	<b>5803.83</b>
b	<b>Agriculture Crops</b>						
	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
	<b>Total</b>	<b>42000</b>	<b>5688.90</b>	<b>5975.82</b>	<b>229.45</b>	<b>5918.35</b>	<b>11894.17</b>
	<b>G.Total (a+b)</b>	<b>52400</b>	<b>8190.51</b>	<b>9039.33</b>	<b>416.17</b>	<b>8606.67</b>	<b>17698.00</b>
			GOI Share (₹ in lac)	State Share (₹ in lac)			Total (₹ in lac)
	<b>Budget Outlay Approved (2018-19) in State Budget</b>		<b>8711.00</b>	<b>8987.00</b>			<b>17698.00</b>
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
		<b>Total</b>	<b>8711.00</b>	<b>8987.00</b>			<b>17698.00</b>

<b>Per Drop More Crop (PMKSY)- AAP : 2018-19</b>							
<b>Total District wise physical Summary: Horticultural Crops</b>							
<b>Sn.</b>	<b>District</b>	<b>Drip</b>		<b>Mini Sprinkler</b>		<b>Total physical target</b>	
		Bene. (no.)	Area (Ha.)	Bene. (no.)	Area (Ha.)	Bene. (no.)	Area (Ha.)
1	<b>Ambala</b>	65	50	103	80	168	130
2	<b>Bhiwani</b>	1300	1000	1543	1200	2843	2200
3	<b>Charkhi Dadri</b>	390	300	887	690	1277	990
4	<b>Faridabad</b>	13	10	39	30	52	40
5	<b>Fatehabad</b>	104	80	257	200	361	280
6	<b>Gurugram</b>	195	150	257	200	452	350
7	<b>Hisar</b>	195	150	386	300	581	450
8	<b>Jhajjar</b>	39	30	167	130	206	160
9	<b>Jind</b>	91	70	219	170	310	240
10	<b>Kaithal</b>	65	50	219	170	284	220
11	<b>Karnal</b>	91	70	129	100	220	170
12	<b>Kurukshetra</b>	91	70	103	80	194	150
13	<b>M.Garh</b>	195	150	1414	1100	1609	1250
14	<b>Nuh</b>	195	150	900	700	1095	850
15	<b>Palwal</b>	130	100	219	170	349	270
16	<b>Panchkula</b>	26	20	39	30	65	50
17	<b>Panipat</b>	65	50	129	100	194	150
18	<b>Rewari</b>	195	150	1029	800	1224	950
19	<b>Rohtak</b>	130	100	129	100	259	200
20	<b>Sirsa</b>	611	470	193	150	804	620
21	<b>Sonepat</b>	104	80	129	100	233	180
22	<b>Yamunanagar</b>	130	100	514	400	644	500
	<b>Total</b>	<b>4420</b>	<b>3400</b>	<b>9000</b>	<b>7000</b>	<b>13420</b>	<b>10400</b>

<b>Per Drop More Crop (PMKSY)-AAP: 2018-19</b>										
<b>Total District wise Financial Summary : Horticultural Crops</b>								<b>(amount in ₹ lakhs)</b>		
<b>Sn.</b>	<b>District</b>	<b>Drip</b>		<b>Mini Sprinkler</b>		<b>Total Share as subsidy to farmers</b>		<b>Administrative cost @ 5% on GOI share</b>	<b>Total GOI Share including Administrative cost</b>	<b>Total assistance</b>
		<b>GOI Share</b>	<b>State Share</b>	<b>GOI Share</b>	<b>State Share</b>	<b>GOI Share</b>	<b>State Share</b>	<b>GOI- Admn. Cost</b>	<b>Total GOI Share</b>	
1	Ambala	11.16	13.05	19.91	23.64	31.08	36.68	1.55	32.63	69.32
2	Bhiwani	223.28	260.95	298.71	354.56	521.98	615.51	26.10	548.08	1163.59
3	Charkhi Dadri	66.98	78.28	171.76	203.87	238.74	282.16	11.94	250.68	532.84
4	Faridabad	2.23	2.61	7.47	8.86	9.70	11.47	0.49	10.19	21.66
5	Fatehabad	17.86	20.88	49.78	59.09	67.65	79.97	3.38	71.03	151.00
6	Gurugram	33.49	39.14	49.78	59.09	83.28	98.24	4.16	87.44	185.68
7	Hisar	33.49	39.14	74.68	88.64	108.17	127.78	5.41	113.58	241.36
8	Jhajjar	6.70	7.83	32.36	38.41	39.06	46.24	1.95	41.01	87.25
9	Jind	15.63	18.27	42.32	50.23	57.95	68.50	2.90	60.84	129.34
10	Kaithal	11.16	13.05	42.32	50.23	53.48	63.28	2.67	56.15	119.43
11	Karnal	15.63	18.27	24.89	29.55	40.52	47.81	2.03	42.55	90.36
12	Kurukshetra	15.63	18.27	19.91	23.64	35.54	41.90	1.78	37.32	79.22
13	M.Garh	33.49	39.14	273.82	325.02	307.31	364.16	15.37	322.67	686.83
14	Nuh	33.49	39.14	174.25	206.83	207.74	245.97	10.39	218.13	464.10
15	Palwal	22.33	26.09	42.32	50.23	64.64	76.32	3.23	67.88	144.20
16	Panchkula	4.47	5.22	7.47	8.86	11.93	14.08	0.60	12.53	26.61
17	Panipat	11.16	13.05	24.89	29.55	36.06	42.59	1.80	37.86	80.45
18	Rewari	33.49	39.14	199.14	236.38	232.63	275.52	11.63	244.26	519.78
19	Rohtak	22.33	26.09	24.89	29.55	47.22	55.64	2.36	49.58	105.22
20	Sirsa	104.94	122.64	37.34	44.32	142.28	166.96	7.11	149.39	316.36
21	Sonepat	17.86	20.88	24.89	29.55	42.75	50.42	2.14	44.89	95.31
22	Yamunanagar	22.33	26.09	99.57	118.19	121.90	144.28	6.09	127.99	272.27
	<b>Total</b>	<b>759.14</b>	<b>887.21</b>	<b>1742.47</b>	<b>2068.29</b>	<b>2501.61</b>	<b>2955.50</b>	<b>125.08</b>	<b>2626.69</b>	<b>5582.19</b>

## 10. Unit Cost of Different Micro Irrigation System:

Component	Spacing		Area (ha)										
			0.4	1	2	3	4	5	6	7	8	9	10
Drip wide spaced	10m x 10m	Unit Cost	14831	22232	35245	55739	69777	88362	104895	121427	137960	154492	171025
	9m x 9m		15634	23198	37195	58634	73718	93293	110817	128340	145864	163388	180912
	8m x 8m		16079	24442	39600	62369	78794	99634	118432	137230	156029	174827	193625
	6m x 6m		18441	28416	48050	78373	95000	119892	142761	165630	188499	211368	234237
	5m x 5m		20597	31852	55200	82447	104784	137724	164192	190660	217128	243596	270064
	4m x 4m		21071	34257	60545	95707	125334	149983	178915	207846	236778	265709	294641
	3m x 3m		25854	42034	72759	112065	140936	176457	210063	243669	277274	310880	344486
	2.5m x 2.5m		30459	50667	90970	138858	196380	241014	288601	336187	383774	431361	478948
	2m x 2m		37812	61494	118725	172733	241360	297473	356468	415463	474457	533452	592447
Drip close Spaced	1.2m x 0.3/ 0.4/0.6m		41630	92148	171965	260691	353602	448295	537332	626369	715405	804442	893479
Mini Sprinkler 32 mm (PVC)	10m x 10m		28812	64300	126950	194565	256780	317345	380606	443868	507129	570390	633651
Mini Sprinkler 32 mm (HDPE)	10m x 10m		29646	65770	128390	197755	260845	322115	386201	450288	514374	578460	642546
Mini Sprinkler 32 mm (PVC)	8m x 8m		36538	83182	160541	251985	330790	409797	491451	573105	654759	736413	818067
Mini Sprinkler 32 mm (HDPE)	8m x 8m		37372	84652	161981	255175	334855	414567	497046	579525	662004	744483	826962
Fittings/Accessories/Secondary Transportation @5% of Unit Cost													

## 11. Approved rates of different MI components:

### Drip Irrigation System:

#### A) Pipes & Laterals

Sn.	Component	Unit	Size (mm)	Rate (Rs.)
1	PVC (4 kg/cm <sup>2</sup> )	Per Meter	63	42
2	PVC (4 kg/cm <sup>2</sup> )	Per Meter	75	60
3	PVC (4 kg/cm <sup>2</sup> )	Per Meter	90	87
4	Plain Lateral (2.5 kg/cm <sup>2</sup> )	Per Meter	16	6.50
5	Inline Lateral (1.25 kg/cm <sup>2</sup> )	Per Meter	16(30cm)	8.84
		Per Meter	16(40cm)	8.52
		Per Meter	16(60cm)	8.19

#### B) Fittings, Head Control Unit and Optional Items

Sn.	Item	Unit	Size (mm)	Rate (Rs.)
1.	Control Valve	1 Each	63	400
		1 Each	75	600
		1 Each	90	800
2	Flush Valve	1 Each	63	65
		1 Each	75	75
		1 Each	90	90
3	Male/Female Threaded Adaptor	1 Each	63	35
		1 Each	75	40
		1 Each	90	55
4	Bend/Elbow	1 Each	63	35
		1 Each	75	53
		1 Each	90	67
5	Tee	1 Each	63	35
		1 Each	75	55
		1 Each	90	70
6	End Cap (PVC)	1 Each	63	25
		1 Each	75	30
		1 Each	90	35
Head Control Unit				
7	Screen/Disc. Filter with Inlet & outlet Fittings	1 Each	25 m <sup>3</sup> per hr	1530
		1 Each	25 m <sup>3</sup> per hr	1900
		1 Each	30 m <sup>3</sup> per hr	2200
8	Header Assembly/Manifold	1 Each	1.5 inch	1600
		1 Each	2.0 inch	2100
		1 Each	2.5 inch	2400
9	Non Return Valve	1 Each	1.5 inch	600
		1 Each	2.0 inch	800
		1 Each	2.5 inch	1100
10	Air Release Valve	1 Each	-	235
11	Pressure Gauge	1 Each	2.0 inch	180
12	Ventury with Manifold	1 Each	0.75 inch	800
		1 Each	1.0 inch	1200
		1 Each	1.25 inch	1850
		1 Each	1.5 inch	2200
		1 Each	2.0 inch	2350
13	Reducing Socket	1 Each	As per req.	90

14	Grommet	1 Each	16 mm	1.47
15	Take off / Start Connector	1 Each	16 mm	1.41
16	Nipple/Joiner	1 Each	16 mm	1.47
17	End Cap	1 Each	16 mm	1.29
18	Lateral Cock	1 Each	16 mm	3.50
<b>Optional Item</b>				
19	Fertilizer Tank	1 Each	30 Ltr.	2500
20	Hydro Cyclone Filter with Inlet & Outlet	1 Each	20 m <sup>3</sup> /hr	2700
		1 Each	25 m <sup>3</sup> /hr	3000
			30 m <sup>3</sup> /hr	3481
21	Sand Filter with Inlet & Outlet	1 Each	20 m <sup>3</sup> /hr	8796
		1 Each	25 m <sup>3</sup> /hr	9796
		1 Each	30 m <sup>3</sup> /hr	10800

### Mini-Sprinkler Irrigation System:

Sn.	Component	Unit	Size (mm)	Rate (Rs.)
<b>HDPE/PVC/LLDPE pipe</b>				
1	HDPE pipe (3.2 kg / cm <sup>2</sup> )	Per Meter	63	51
2	HDPE pipe (2.5 kg / cm <sup>2</sup> )	Per Meter	75	68
3	HDPE pipe (2.5 kg / cm <sup>2</sup> )	Per Meter	90	90
4	PVC (4 kg /cm <sup>2</sup> )	Per Meter	63	42
5	PVC (4 kg /cm <sup>2</sup> )	Per Meter	75	60
6	PVC (4 kg /cm <sup>2</sup> )	Per Meter	90	87
7	LLDPE (2.5 kg / cm <sup>2</sup> )	Per Meter	32	28
<b>Head Unit Fittings</b>				
8	Control Valve	1 Each	63	400
		1 Each	75	600
		1 Each	90	800
9	Flush Valve	1 Each	63	65
		1 Each	75	75
		1 Each	90	90
10	Male / Female Threaded Adaptor	1 Each	63	35
		1 Each	75	40
		1 Each	90	55
11	Bend/Elbow	1 Each	63	35
		1 Each	75	53
		1 Each	90	67
12	Tee	1 Each	63	35
		1 Each	75	55
		1 Each	90	70
13	End Cap (PVC)	1 Each	63	25
		1 Each	75	30
		1 Each	90	35
14	HDPE PCN	1 Each	63	159
		1 Each	75	215
		1 Each	90	271
15	Bend/Elbow (HDPE)	1 Each	63	59
		1 Each	75	80
		1 Each	90	101
16	Tee (HDPE)	1 Each	63	66

		1 Each	75	94
		1 Each	90	122
17	End Cap (HDPE)	1 Each	63	48
		1 Each	75	57
		1 Each	90	66
18	Service Saddle (PVC)	1 Each	63	65
		1 Each	75	75
		1 Each	90	85
19	Air Release Valve	1 Each	-	235
<b>Mini Sprinkler and fittings</b>				
20	Mini sprinkler / Nozzle with complete Assembly	1 Each	½ inch Inlet	150
21	Riser/Stake	1 Each	8 mm	52
22	Screen Filter with inlet & outlet	1 Each	20 m <sup>3</sup> / hr.	1530
		1 Each	25 m <sup>3</sup> /hr.	1900
		1 Each	30 m <sup>3</sup> / hr.	2200
23	Reducing Socket	1 Each	As per req.	90
24	Lateral Valve (PVC/PP)	1 Each	32 mm	140
25	Male/Female Threaded Adaptor (PVC/PP)	1 Each	32 mm	48
26	Joint Coupler (PVC/PP)	1 Each	32 mm	47
27	End Cap (PVC/PP)	1 Each	32 mm	30
28	Tee (PVC/PP)	1 Each	32 mm	58
29	Bend/Elbow (PVC/PP)	1 Each	32 mm	45

\*The above rate of components are common approved rates, if any firm has submitted lower rates of any component, then that rates will be applicable for that component & firm.

## 12. List of Registered firms

### a) For Drip Irrigation System

1. Adventech Polymers (P) Ltd., F-188 (K&L,J-1) RIICO Industrial Area, Phase-II, Bheror.
2. Balson Polyplast Pvt. Ltd., Survey No.- 270, Plot No. 2-3, National Highway 8/B, Shapar, District- Rajkot, Gujarat.
3. Balaji Agro-Systems Pvt. Ltd, 177-178, Industrial Area, Sector-26, Bhiwani.
4. Balaji Irritech Pvt. Ltd., 13 Old Housing Board, Opp. District Court, Bhiwani.
5. Captain Polyplast Ltd., 267, Plot No.-10A, 10B & 11, NH-27, Shapar, District- Rajkot, Gujrat.
6. Dinesh Irrigation (P) Ltd., 86-B-II, Industrial Area Jhotwara, Jaipur (Raj.)302013
7. Finolex Plasson Industries Pvt. Ltd., Plot No. 399, URSE Taluka Maval, District- Puna.
8. Ganesh Irrigation, Loharu Road, Ch. Dadri.
9. Harvel Agua India Ltd, 301-304, Meghdut-94, Nehru Place, New Delhi.
10. Hariom Irrigation Co., Satnali Road, Badhra, Ch. Dadri, Haryana.
11. Jain Irrigation Systems Ltd., Jain Plastic Park, P.O. Box No.72, NH No.6, Jalgaon (Maharashtra).
12. Kisan Sales Enterprises, Rewari Road, Ateli Mandi, Narnaul.
13. Metro Irrigation Pvt. Ltd, Plot No.37, Industrial Area Sector-26 Bhiwani,127201.
14. Nagarjuna Fertilizers & Chemicals Ltd, Nagarjuna Hills Panjagutta, Hyderabad
15. Netafim Irrigation India Pvt. Ltd., 268-270, 271 B, GIDC Manjusr Savli, District- Vadodara.
16. Nimbus Pipes Limited, G-9C, Kabir Marg, Bani Park, Jaipur (Raj.).
17. Purma Plast Pvt. Ltd, Plot No. B-494, RIICO, Industrial Area, Phase-I, Bhiwadi, Alwar.

18. Rungta Irrigation Ltd., 101, Paragati Tower-26, Rajendra Palace, New Delhi.
19. Sagar Polytechnik Ltd., Plot No.- 2819-26, Lodhika GIDC Kalavad Road, Metoda, District- Rajkot, Gujarat.
20. Signet Industries Ltd., Plot No. 462-465, Industrial Area, Sector-3, Pithampur, Distt. Dhar, (M.P.).
21. SRM Plastochem Pvt. Ltd., J-375-B, IPIA Road No.-7, Kota (Raj.)
22. Shree Bhandari Plastic Pvt. Ltd., 504, 5<sup>th</sup> Floor, Alankar Plaza, Central Spin, Vidhyadhar Nagar, Jaipur.
23. Sturdy Industries Ltd., 55 Industria Area, Sector-1, Parwanoo, District- Solan (HP).
24. Swati Enterprises, Delhi Road, Uttam Nagar, Rewari, Haryana.
25. Triputi Structurals Ltd., Plot No.-81, FIE Patparganj, Delhi-110092.
26. Vishakha Irrigation Pvt. Ltd., Ashirwad Paras Corporate, H. No. 2, Corporate Road, Prahlad Nagar, Ahemadabad (Gujarat).

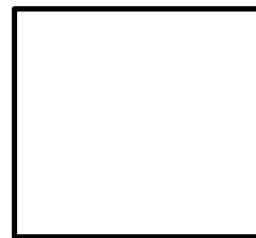
### **b) For Mini-Sprinkler Irrigation System-**

1. Adventech Polymers (P) Ltd., F-188 (K&L,J-1) RIICO Industrial Area, Phase-II, Bheror.
2. Balson Polyplast Pvt. Ltd., Survey No.- 270, Plot No. 2-3, National Highway 8/B, Shapar, District- Rajkot, Gujrat.
3. Balaji Agro-Systems Pvt. Ltd, 177-178, Industrial Area, Sector-26, Bhiwani.
4. Balaji Irritech Pvt. Ltd., 13 Old Housing Board, Opp. District Court, Bhiwani.
5. Bharat Drip Irrigation & Agro, G1-185, Road no. 10, RIICO Industrial Area, Bindayaka, Jaipur (Rajasthan).
6. Captain Polyplast Ltd., 267, Plot No.-10A, 10B & 11, NH-27, Shapar, District- Rajkot, Gujrat.
7. Dinesh Irrigation (P) Ltd., 86-B-II, Industrial Area Jhotwara, Jaipur (Raj.)302013
8. Finolex Plasson Industries Pvt. Ltd., Plot No. 399, URSE Taluka Maval, District- Puna.
9. Ganesh Irrigation, Loharu Road, Ch. Dadri.
10. Harvel Agua India Ltd, 301-304, Meghdut-94, Nehru Place, New Delhi.
11. Hariom Irrigation Co., Satnali Road, Badhra, Ch. Dadri.
12. Jain Irrigation Systems Ltd., Jain Plastic Park, P.O. Box No.72, NH No.6, Jalgaon (Maharashtra).
13. Kisan Sales Enterprises, Rewari Road, Ateli Mandi, Narnaul.
14. Metro Irrigation Pvt. Ltd, Plot No.37, Industrial Area Sector-26 Bhiwani,127201.
15. Nagarjuna Fertilizers & Chemicals Ltd, Nagarjuna Hills Panjagutta Hyderabad
16. Netafim Irrigation India Pvt. Ltd., 268-270, 271 B, GIDC Manjusrar Savli, District- Vadodara.
17. Nimbus Pipes Limited, G-9C, Kabir Marg, Bani Park, Jaipur (Raj.).
18. Purma Plast Pvt. Ltd, Plot No. B-494, RIICO, Industrial Area, Phase-I, Bhiwadi, Alwar.
19. Rungta Irrigation Ltd., 101, Paragati Tower-26, Rajendra Palace, New Delhi.
20. Sagar Polytechnik Ltd., Plot No.- 2819-26, Lodhika GIDC Kalavad Road, Metoda, District- Rajkot, Gujarat.
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23. Signet Industries Ltd., Plot No. 462-465, Industrial Area, Sector-3, Pithampur, Dhar (M.P.).
24. Sturdy Industries Ltd., 55 Industria Area, Sector-1, Parwanoo, Solan (HP).
25. Swati Enterprises, Delhi Road, Uttam Nagar, Rewari, Haryana.
26. Triputi Structurals LTd., Plot No.-81, FIE Patparganj, Delhi-110092.
27. Vishakha Irrigation Pvt. Ltd., Ashirwad Paras Corporate, H. No. 2, Corporate Road, Prahlad Nagar, Ahemadabad (Gujarat).



## आवेदन (फार्म-I) (2018-2019)

उद्यान विभाग हरियाणा  
प्रति बून्द अधिक फसल  
प्रधानमंत्री कृषि सिंचाई योजना  
टपका/फव्वारा सिंचाई के लिए आवेदन  
(आवेदन पत्र का प्रत्येक कॉलम भरा जाए)



आवेदन संख्या	केवल कार्यालय प्रयोग के लिए
	आवेदन तिथि
	दस्तावेज देखने की तिथि
	इन्द्राज तिथि

## किसान के प्रयोग के लिए

## 1. सामान्य जानकारी

किसान का नाम \_\_\_\_\_ पिता का नाम \_\_\_\_\_  
जाति \_\_\_\_\_ (एस.सी./एस.टी./ओ.बी.सी./जनरल)  
गांव: \_\_\_\_\_ ग्राम पंचायत: \_\_\_\_\_ खण्ड: \_\_\_\_\_  
तहसील: \_\_\_\_\_ पिन कोड: \_\_\_\_\_ जिला \_\_\_\_\_  
दूरभाष नं० (एस.टी.डी. कोड सहित) \_\_\_\_\_  
मो० नं० \_\_\_\_\_  
आधार कार्ड नं० \_\_\_\_\_  
पुरुष/स्त्री \_\_\_\_\_ शारीरिक अपंगता (हाँ/नहीं) \_\_\_\_\_

## 2. बैंक खाते का विवरण

2.1 बैंक पास बुक के अनुसार किसान का नाम: \_\_\_\_\_  
2.2 बैंक खाता संख्या \_\_\_\_\_  
2.3 बैंक का नाम व  
शाखा का पता: \_\_\_\_\_  
2.4 आई.एफ.एस.सी. (IFSC) कोड \_\_\_\_\_

## 3. किसान की भूमि का विवरण

i. भूमि सर्वे संख्या \_\_\_\_\_  
ii. किसान की कुल भूमि \_\_\_\_\_

क्र० सं०	गांव	ब्लॉक	खसरा नं०	किला नं०	क्षेत्र (है०)
कुल क्षेत्र					

## 4. सिंचाई जल स्रोत: कुआं/ट्यूबवैल/नहर/तालाब (कृपया टिक करें)

4.1 जल स्रोत भूमि का खसरा व किला नं० \_\_\_\_\_

4.2 मोटर हार्स पावर \_\_\_\_\_ या डीजल ईंजन हार्स पावर \_\_\_\_\_

4.3 पंप हैड : \_\_\_\_\_ फुट

4.4 डिलीवरी \_\_\_\_\_ (मी०मी०)

4.5 तालाब के केस में आकार (लं०xचौड़ाईxगहराई) : \_\_\_\_\_

5. सिंचाई जल का प्रकार: अच्छा/खारा: \_\_\_\_\_

6. पंप चलाने के लिए प्रतिदिन बिजली की उपलब्धता: \_\_\_\_\_

7. यदि किसान के खेत में पहले सब्सिडी पर सूक्ष्म सिंचाई प्रणाली स्थापित है तो उसका विवरण:—

क्र० सं०	खसरा संख्या	किला संख्या	पूर्व स्थापित प्रणाली का क्षेत्र (है०)	में प्रणाली का प्रकार	फर्म का नाम	स्थापना वर्ष	प्राप्त अनुदान राशि (रुपये)

8. वर्तमान में सूक्ष्म सिंचाई प्रणाली के लिए आवेदन:—

क्र० सं०	खसरा संख्या	किला संख्या	कितने क्षेत्र में प्रणाली की स्थापना जानी है (है०)	प्रणाली का प्रकार	प्रणाली का अंतरण (मी.मी.)	फसल

9. प्रणाली स्थापना के लिए चयनित फर्म: \_\_\_\_\_

10. मैं प्रणाली डिजाइन के अनुसार मेन व सब मेन पाईप के लिए नालियों की खुदाई अपनी लागत से करवाऊंगा व चयनित फर्म को प्रणाली की स्थापना के लिए साइट सौंप दूंगा। मैं प्रणाली की स्थापना व भौतिक निरीक्षण उपरान्त इन नालियों में वापिस मिट्टी भरूंगा/समतल करूंगा। नालियों की खुदाई व भराई का कार्य मैं अपनी लागत से करूंगा।

11. मैं आवश्यकतानुसार व फर्म की सलाह के अनुसार प्रणाली के हैड युनिट, फर्टीगेशन युनिट फिल्टर की स्थापना के लिए पक्का प्लेट फार्म व अन्य निर्माण कार्य करवाऊंगा। इन कार्यों की लागत मैं वहन करूंगा।

12. मैं प्रणाली स्थापना के समय व बाद में अपनी लागत पर आवश्यकतानुसार पंप, बिजली का प्रबन्ध आदि की व्यवस्था करूंगा।

13. मैं प्रणाली के भौतिक निरीक्षण के समय साइट पर उपस्थित रहूंगा अथवा निरीक्षण व रिपोर्ट पर हस्ताक्षर के लिए अपने प्रतिनिधि को अधिकृत करूंगा।

14. भौतिक निरीक्षण के बाद मैं प्रणाली का अधिग्रहण करूंगा व फार्म-5 में फर्म को संतुष्टि प्रमाण-पत्र में तिथि सहित हस्ताक्षर करूंगा।

15. प्रणाली स्थापना उपरान्त अगले 7 वर्षों तक प्रणाली में बदलाव/हटाना/नष्ट/बेचना आदि नहीं करूंगा यदि मैं ऐसा करता हूँ तो मैं विभागीय/सरकार अनुदान राशि का भुगतान वापिस विभाग को करने के लिए बाध्य होऊंगा। सरकार द्वारा किसी स्तर पर अनुदान में भिन्नता व प्रणाली में मेरे अपने स्तर पर किए गए बदलाव/नष्ट/हटाना/बिक्री/नुकसान के कारण फसल की उपज व अन्य नुकसान आदि के लिए विभाग अथवा फर्म जिम्मेवार नहीं होगी।
16. मैं प्रणाली के सफल संचालन के लिए फर्म के निर्देशानुसार प्रणाली को चलाने व मैनटेनेंस का कार्य करूंगा।
17. मैं कोई झूठी शिकायत/दावा अथवा कोई अप्रिय स्थिति उत्पन्न नहीं करूंगा व यदि प्रणाली संचालन में कोई समस्या आती है तो विभाग अथवा फर्म के स्थानीय प्रतिनिधियों से समाधान के लिए सम्पर्क करूंगा।
18. मैं प्रधानमंत्री कृषि सिंचाई योजना के अन्तर्गत पंजीकृत फर्म से सूक्ष्म सिंचाई प्रणाली की स्थापना करवाऊंगा व प्रणाली की लागत का भुगतान फर्म को करूंगा।
19. मेरे द्वारा किसी कारणवश प्रणाली उपकरणों अथवा घटकों में कोई नुकसान होता है तो इसके लिए विभाग अथवा फर्म जिम्मेदार नहीं होगा/होगी।
20. मैं प्रणाली पूर्ण रूप अथवा प्रणाली के हिस्से का कलेम/चार्ज अथवा स्थानान्तरण नहीं करूंगा।
21. लाईन को भूमिगत करने के लिए खुदाई का खर्च अपने स्तर पर करूंगा।
22. प्रणाली स्थापना में वस्तु सेवा कर (जी.एस.टी.) व वैकल्पिक घटक पर अनुदान का प्रावधान नहीं है। यदि मैं सूक्ष्म सिंचाई प्रणाली में वैकल्पिक घटक (optional component) स्थापित करवाता हूँ तो इसकी पूर्ण लागत का भुगतान फर्म को करूंगा।
23. मैं प्रधानमंत्री कृषि सिंचाई योजना की गाईडलाईन व उद्यान विभाग द्वारा समय-समय पर जारी किए जाने वाले दिशा निर्देशों की पालना करूंगा।
24. मैं घोषणा करता हूँ कि उपरोक्त सूचना मेरे द्वारा सही दी गई है व यदि कोई सूचना गलत हुई तो मैं अनुदान राशि का भुगतान वापिस सरकार/विभाग को करने के लिए बाध्य रहूंगा।

नाम:

प्रार्थी

तिथि:

हस्ताक्षर

आवेदन पत्र के साथ आवश्यक दस्तावेज:

1. भूमि व जल परिक्षण रिपोर्ट।
2. स्वयं सत्यापित भूमि जमा बंदी की प्रति।
3. स्वयं सत्यापित राशन कार्ड/ बिजली का बिल/ पानी का बिल की प्रति।
4. स्वयं सत्यापित फोटो पहचान-पत्र की प्रति।
5. स्वयं सत्यापित आधार कार्ड की प्रति।

# Application (Form-1) (2018-2019)

## HORTICULTURE DEPARTMENT HARYANA Per Drop More Crop Pradhan Mantri Krishi Sinchayee Yojana

Affix Latest  
Photo

Drip/Mini Sprinkler ownership application form  
(Each column of application form must be filled)

Application No.	Only office use:
	Date of application:
	Date of document checking:
	Date of entry:

### To be filled by farmer

#### 1. General Information

Farmer Name: \_\_\_\_\_ S/O ,W/o/D/o \_\_\_\_\_

Category \_\_\_\_\_ (ST/SC/OBC/GEN)

Address: \_\_\_\_\_

Tehsil: \_\_\_\_\_ Gram Panchayat: \_\_\_\_\_ Block: \_\_\_\_\_

Village : \_\_\_\_\_ Pin Code : \_\_\_\_\_ District \_\_\_\_\_

Phone No. (STD Code \_\_\_\_\_) Mob. No. \_\_\_\_\_

Aadhar Card No. \_\_\_\_\_

Male/Female \_\_\_\_\_ Physical disability(Yes/No) \_\_\_\_\_

#### 2. Bank Account Details

2.1 Name of farmer as in bank account: \_\_\_\_\_

2.2 Account No. \_\_\_\_\_

2.3 Name of Bank &  
Branch Address: \_\_\_\_\_

2.4 IFSC Code \_\_\_\_\_

#### 3. Information about Land of farmer

i. Land Survey No. \_\_\_\_\_

ii. Total Land detail:

SN	Village Name	Block	Khasra No.	Killa No.	Area (ha)
	Total Hectares				

4. **Water source : Well/Tube well/ Canal/ Tank (Please tick)**
- 4.1 Khasra No. & Killa No. of field having water source : \_\_\_\_\_
- 4.2 Motor HP \_\_\_\_\_ or Diesel Engine HP : \_\_\_\_\_
- 4.3 Pump head : \_\_\_\_\_ foot
- 4.4 Delivery : \_\_\_\_\_ (mm)
- 4.5 In case of tank dimension (l x w x d) : \_\_\_\_\_

5. **Quality of Water : Good/Brackish :** \_\_\_\_\_

6. **Daily availability of electricity to run pump:** \_\_\_\_\_

7. **Information regarding MI system installed previously on Government Subsidy, if any;**

SN	Khasra No.	Killa No.	Area in which system installed previously (ha)	System type	Supplier Name	Year of installation	Received subsidy amount

**8. Present MIS requirement:**

SN	Khasra No.	Killa No.	Area in which system proposed to be installed (ha)	System type	Spacing (mxm)	Crop

9. Selected MIS supplier/manufacturer: M/s. \_\_\_\_\_

10. I agree to undertake trenching work at my own cost as per design and hand over the farm site to the MIS supplier for installation of MI System. I also agreed to refill the trenches only after installation and inspection is over. The cost of this trenching work is to be borne by me.
11. I agree to construct suitable pucca platform as per guidance given by the MIS Supplier for creation of platforms for filter, fertigation tank, head control unit and also take up other involved civil works. The cost of civil work as above is to be borne by me.
12. I will provide suitable pumping unit, power and voltage adequate for running the pump at my own cost.
13. I will remain present at the time of physical cum trial run inspection to be carried out or authorize someone to present on my behalf & authorize him/her to sign the report.
14. After inspection of trial run, I will take over MI System from MIS supplier and issue satisfaction certificate in Form-5.
15. I agree not to change / modify / remove / dispose / re-sell the system during the 7 years period. I will note that department and/or MIS supplier will not be responsible for any consequences like Government contribution entitlement variation due to amendments issued by Government, reduction in yield, crop damages etc. arising out of such change / modification / removal / disposal / sale / damage of the system by me.

16. I will strictly follow the guidelines for system operation & maintenance given by the MIS supplier for successful performance of the system.
17. I will not lodge any false complaint / claim or to create any unpleasant situation and try to settle differences and disputes if any amicably and as far as possible at local level through concerned department and / or In charge/MIS supplier.
18. I agree to get MIS installed from the preferred MIS supplier, registered under the PMKSY and ready to pay the cost of MIS to registered firm.
19. I agree that I will care for the MIS system for a period of 7 years and would never sell or replace this system during the period mentioned. In any violation, I shall be liable to pay subsidy amount back to government agency.
20. Department and/or MIS supplier will not be responsible for damages of equipment's / instruments due to any act on my part.
21. I cannot create any lien / charge or transfer the MI system fully or any portion thereof.
22. Subsidy/assistance shall not be provided on optional components, GST and Trenching/Earth Work. If farmer install optional components in their field then he have to bear the total cost of optional component installed.
23. I agree to follow the guidelines of PMKSY issued by GOI and instructions issued time to time up to till date by the Horticulture Department.
24. I declare that whatever information I have given above is true and any misleading information from my side makes me liable to pay the subsidy amount to the government agency.

Name:

Date:

Yours faithfully

Signature

Following documents with true copies:

1. Soil & Water Testing Report.
2. Self-attested copy of land records.
3. Self-attested copy of ration card/ electricity bill/ water bill.
4. Self-attested copy of photo identity proof.
5. Self –attested copy of Aadhar Card.
6. Self-attested copy of Bank Detail/Pass Book.

**स्वीकृति पत्र**

जिला उद्यान अधिकारी.....  
 उद्यान विभाग, हरियाणा  
 प्रति बून्द अधिक फसल  
 ऑनलाईन पोर्टल: एम आई नैट.हॉर्टहरियाणा@जीओवी.ईन  
 ई-मेल.....website:- hortharyana.gov.in  
 पत्र क्रमांक: दिनांक:

सेवा में

किसान का नाम....., पिता का नाम.....,  
 गांव ....., पोस्ट ....., खण्ड .....,  
 तहसील ....., जिला.....।  
 विषय: सूक्ष्म सिंचाई प्रणाली की स्थापना की स्वीकृति बारे।

निवेदन है कि आप द्वारा ऑनलाईन पोर्टल एम आई नैट पर प्रार्थना पत्र क्रमांक..... द्वारा अनुदान सहायता से खेत में सूक्ष्म सिंचाई प्रणाली की स्थापना के लिए आवेदन किया गया था आप द्वारा चयनित फर्म द्वारा आपके दस्तावेजों व प्रणाली के डिजाइन व एस्टीमेट के आधार पर एम आई नैट के माध्यम से निम्न विवरण अनुसार प्रणाली की स्थापना एम आई नैट से उत्पादित स्वीकृति पत्र जारी होने से 45 दिनों के अन्दर की जानी है, अन्यथा यह समझा जाएगा कि आप प्रणाली स्थापना के इच्छुक नहीं है व आपके आवेदन को वरीयता सूचि में अन्तिम स्थान पर रखा जाएगा।

किसान प्रकार	आवेदन संख्या	क्षेत्र (है0)	जी.पी.एस. निर्देशांक अक्षांश देशान्तर	खसरा नं0 व किला नं0	फ स ल	अन्तर (मी. मि.)	सू.सि. प्रणाली का प्रकार	प्रणाली की लागत (रुपये)	किसान शोयर (रुपये)	योजना के दिशा निर्देशों के अनुसार अनुदान सहायता राशि (रुपये)

किसान के बैंक खाते का विवरण

- बैंक पासबुक के अनुसार किसान का नाम: \_\_\_\_\_
- बैंक खाता संख्या: \_\_\_\_\_
- बैंक का नाम: \_\_\_\_\_
- शाखा का पता: \_\_\_\_\_
- आई.एफ.एस.सी. (IFSC) कोड: \_\_\_\_\_

जिला उद्यान अधिकारी, \_\_\_\_\_

सेवा में,

- सेवा में श्री \_\_\_\_\_ पुत्र/पुत्री/पत्नी/श्री \_\_\_\_\_ गांव \_\_\_\_\_, तहसील \_\_\_\_\_ जिला \_\_\_\_\_।  
केस प्रकार: व्यक्तिगत/सामूदायिक
- पंजीकृत फर्म—
- उपनिदेशक कृषि (सम्बन्धित)—
- सहायक भू-संरक्षण अधिकारी (सम्बन्धित)—

से आग्रह किया जाता है कि यदि उपरोक्त किसान द्वारा सूक्ष्म सिंचाई प्रणाली की स्थापना पर आपके विभाग से पूर्व में अनुदान लिया गया है तो उसका ब्यौरा जिला उद्यान अधिकारी को 15 दिन के अन्दर-अन्दर प्रदान करने का कष्ट करें अन्यथा यह समझा जाएगा कि उपरोक्त किसान सस्बिडी लेने का पात्र है।

\*जिला उद्यान अधिकारी स्वीकृति पत्र की एक प्रति सम्बन्धित किसान को भिजवाना सुनिश्चित करें।

**HORTICULTURE DEPARTMENT HARYANA**  
**Per Drop More Crop**  
**Pradhan Mantri Krishi Sinchayee Yojana**  
**Sanction Letter**  
**(Form-2)**

Based on documents and design estimate submitted by farmer through registered MI firm for installation of MIS at the farm of Sh. \_\_\_\_\_ S/o,W/o,D/o \_\_\_\_\_ Vill. \_\_\_\_\_, District \_\_\_\_\_ sanction is hereby accorded with following detail:-

Farmer Type (Small & Marginal/ Other Farmer)	Category (SC/ST/ OBC/ GEN.	Application No.	Area (ha.)	GPS Coordinates Latitude, Longitude	Khasra No/Killa No	Crop	Spacing (m x m)	Type of MIS	Cost of System	Farmer Share	Subsidy share as per Scheme guidelines

**Bank Account Details**

Name of farmer as in bank account:  
 Account No.  
 Name of Bank:  
 Branch Name:  
 IFSC Code:

District Horticulture Officer  
 District: \_\_\_\_\_.

To

- Sh. \_\_\_\_\_ S/o/D/o/W/o Sh. \_\_\_\_\_  
 Vill. \_\_\_\_\_ District \_\_\_\_\_  
 Ownership: Individual/Community
- Registered Manufacturer/Supplier M/s: \_\_\_\_\_
- Deputy Director Agriculture, \_\_\_\_\_ 4. Assistance Soil Conservation Officer, \_\_\_\_\_ is requested to provide the detail within 15 days whether above farmer already availed assistance on same land from Agriculture Department; otherwise it will be assumed that farmer is eligible for availing assistance on MI system.

\*DHO shall ensure that copy of sanction letter must be reached to farmer beneficiary.



उद्यान विभाग हरियाणा  
प्रति बून्द अधिक फसल  
प्रधानमंत्री कृषि सिंचाई योजना  
साइट क्लीयरेंस प्रमाण पत्र (फार्म-3)

(किसान द्वारा प्रस्तुत किया जाना है)

मैं \_\_\_\_\_ पुत्र/पुत्री/पत्नी/श्री \_\_\_\_\_ निवासी गांव/डाकघर  
\_\_\_\_\_ तहसील \_\_\_\_\_ जिला \_\_\_\_\_ द्वारा फर्म  
\_\_\_\_\_ को सूक्ष्म सिंचाई प्रणाली लगाने हेतु \_\_\_\_\_ हैक्टेयर जमीन  
ट्रेनिंग के पश्चात दिनांक \_\_\_\_\_ को फर्म को सौंप दी है।

सौंप दिया

ले लिया

(किसान के हस्ताक्षर)  
दिनांक:

(फर्म अधिकृत प्रतिनिधि के हस्ताक्षर)  
दिनांक:

**HORTICULTURE DEPARTMENT HARYANA**

**Per Drop More Crop  
Pradhan Mantri Krishi Sinchayee Yojana  
Site Clearance Certificate (Form-3)  
(To be submitted by farmer)**

I \_\_\_\_\_ S/o Sh. \_\_\_\_\_, R/o Vill. \_\_\_\_\_,  
Block \_\_\_\_\_, Distt. \_\_\_\_\_ have handed over clear site of \_\_\_\_\_ ha. area  
after \_\_\_\_\_ trenching \_\_\_\_\_ work \_\_\_\_\_ to \_\_\_\_\_ M/s. \_\_\_\_\_ (Name \_\_\_\_\_ of \_\_\_\_\_ MIS  
supplier) \_\_\_\_\_ on dated \_\_\_\_\_ for  
Installation of MI system.

**Handed over****Taken over**

(Signature of farmer)

Date:

(Signature of MIS Supplier/ authorized representative)

Date:

**HORTICULTURE DEPARTMENT HARYANA**  
**Per Drop More Crop**  
**Pradhan Mantri Krishi Sinchayee Yojana**  
**Inspection Report (Form-4)**

**Name & Address of Farmer:**

**Contact No. (Landline/mobile No.):**

**Date of Inspection:**

**Date on which intimation received from MIS Supplier for inspection:**

**Member of Inspection Team:** 1.  
2.

1	Area covered under MI System	_____ha
2	GPS coordinates match with data as mentioned by MI registered firm	Yes/No
3	Type of MI System	
4	Spacing (mtr. x mtr.)	
5	Material used in system is conforming to BIS quality	Yes/No
6	(i) Quantity of material is as per invoice proforma/estimate	Yes/No
7	(ii) In case of variation in quantity, the inspection authority has attached list of material having actual quantity at site <b>Departmental nominee is to fill up actual quantity at site in the Performa attached as Annexure-4A.</b>	Yes/No
8	Root zone wetting effect of distribution component in accordance With the crop spacing.	Yes/No
9	Variation in water application between first and last emitter on Lateral.	>10%/<10%
10	User's manual supplied to farmer by manufacturer	Yes/No
11	'As Made Design Map' supplied to farmer by MIS Supplier	Yes/No
12	Satisfaction Report from beneficiary farmer	Yes/No
13	Whether MIS is complete as per guidelines	Yes/No

**Inspection Team**

1.  
Name & Signature with stamp

2.  
Name & Signature with stamp

I verified that this site of MIS is pertaining to above farmer.

Horticulture Development Officer (Extn.)/P  
Representative of concerned DHO  
Name & Signature with Stamp

Sign. of Authorized Rep. of firm/  
With Stamp, full Name and Designation.

Sign. of Farmer/His/Her Representative

**HORTICULTURE DEPARTMENT HARYANA**  
**Per Drop More Crop**  
**Pradhan Mantri Krishi Sinchayee Yojana**  
**Inspection Report (Form-4 A)**  
**(Mini Sprinkler 10 x10/ 8 x 8 mtr.)**

**Name &Address of farmer: Contact**

**No. (Landline/mobile No.): Date of**

**Inspection:**

**Date on which intimation received from MIS Supplier for inspection:**

**Area Covered under MI System:**

**Spacing: Crop:**

**A) Mini-Sprinkler Irrigation System**

Sn..	Component	Unit	Size (mm)	Quantity claimed bill	in	Quantity found at site	Remarks
<b>HDPE/PVC/LLDPE pipe</b>							
1	HDPE pipe (3.2 kg / cm <sup>2</sup> )	Meter	63				
2	HDPE pipe (2.5 kg / cm <sup>2</sup> )	Meter	75				
3	HDPE pipe (2.5 kg / cm <sup>2</sup> )	Meter	90				
4	PVC Pipe (4 kg /cm <sup>2</sup> )	Meter	63				
5	PVC Pipe (4 kg /cm <sup>2</sup> )	Meter	75				
6	PVC Pipe (4 kg /cm <sup>2</sup> )	Meter	90				
7	LLDPE lateral (2.5 kg / cm <sup>2</sup> )	Meter	32				
<b>Head Unit Fittings</b>							
8	Control Valve	Nos.	63				
		Nos.	75				
		Nos.	90				
9	Flush Valve	Nos.	63				
		Nos.	75				
		Nos.	90				
10	Male / Female Threaded Adaptor	Nos.	63				
		Nos.	75				
		Nos.	90				
11	Bend/Elbow	Nos.	63				
		Nos.	75				
		Nos.	90				
12	Tee	Nos.	63				
		Nos.	75				
		Nos.	90				
13	End Cap (PVC)	Nos.	63				
		Nos.	75				
		Nos.	90				
14	HDPE PCN	Nos.	63				
		Nos.	75				
		Nos.	90				
15	Bend/Elbow (HDPE)	Nos.	63				
		Nos.	75				
		Nos.	90				
16	Tee (HDPE)	Nos.	63				
		Nos.	75				
		Nos.	90				
17	End Cap (HDPE)	Nos.	63				
		Nos.	75				
		Nos.	90				

18	Service Saddle (PVC)	Nos.	63			
		Nos.	75			
		Nos.	90			
19	Air Release Valve	Nos.	-			
<b>Mini Sprinkler and fittings</b>						
20	Mini sprinkler / Nozzle with complete Assembly	Nos.	½ inch Inlet			
21	Riser/Stake	Nos.	8 mm			
22	Screen Filter with inlet & outlet	Nos.	20 m <sup>3</sup> / hr.			
		Nos.	25 m <sup>3</sup> / hr.			
		Nos.	30 m <sup>3</sup> / hr.			
23	Reducing Socket	Nos.	As per req.			
24	Lateral Valve (PVC/PP)	Nos.	32 mm			
25	Male/Female Threaded Adaptor (PVC/PP)	Nos.	32 mm			
26	Joint Coupler (PVC/PP)	Nos.	32 mm			
27	End Cap (PVC/PP)	Nos.	32 mm			
28	Tee (PVC/PP)	Nos.	32 mm			
29	Bend/Elbow (PVC/PP)	Nos.	32 mm			

We verified that above quantity found as inspected at site.

**Inspection Team**

1.  
Signature with stamp

2.  
Name & Signature with stamp

I verified that this site of MIS is pertaining to above farmer.

Horticulture Development Officer (Extn.)/P  
Representative of concerned DHO  
Name & Signature with Stamp

Sign. of Authorized Rep. of firm/  
With Stamp, full Name and Designation.

Sign. of Farmer/His/Her Representative

**HORTICULTURE DEPARTMENT HARYANA****Per Drop More Crop****Pradhan Mantri Krishi Sinchayee Yojana****Inspection Report (Form-4 A)****(Drip Irrigation System)****Name & Address of****Farmer: Contact No.****(Landline/mobile No.):****Date of Inspection:****Date on which intimation received from MIS Supplier  
for inspection:****Area Covered under MI System:****Spacing:****Crop:**

C) Pipes & Laterals						
Sn.	Component	Unit	Size (mm)	Quantity claimed in bill	Quantity found at site	Remarks
1	PVC (4 kg/cm <sup>2</sup> )	Meter	63			
2	PVC (4 kg/cm <sup>2</sup> )	Meter	75			
3	PVC (4 kg/cm <sup>2</sup> )	Meter	90			
4	Plain Lateral (2.5 kg/cm <sup>2</sup> )	Meter	16			
5	Inline Lateral (1.25 kg/cm <sup>2</sup> )	Meter	16(30cm)			
		Meter	16(40cm)			
		Meter	16(60cm)			
D) Fittings, Head Control Unit & Optional Items						
Sn.	Item	Unit	Size (mm)	Quantity claimed in bill	Quantity found at site	Remarks
1.	Control Valve	Nos.	63			
		Nos.	75			
		Nos.	90			
2	Flush Valve	Nos.	63			
		Nos.	75			
		Nos.	90			
3	Male/Female Threaded Adaptor	Nos.	63			
		Nos.	75			
		Nos.	90			
4	Bend/Elbow	Nos.	63			
		Nos.	75			
		Nos.	90			
5	Tee	Nos.	63			
		Nos.	75			
		Nos.	90			
6	End Cap (PVC)	Nos.	63			
		Nos.	75			
		Nos.	90			
Head Control Unit						
7	Screen/Disc. Filter with Inlet & outlet Fittings	Nos.	25 m <sup>3</sup> per hr			
		Nos.	25 m <sup>3</sup> per hr			
		Nos.	30 m <sup>3</sup> per hr			
8	Header Assembly/Manifold	Nos.	1.5 inch			
		Nos.	2.0 inch			
		Nos.	2.5 inch			
9	Non Return Valve	Nos.	1.5 inch			
		Nos.	2.0 inch			
		Nos.	2.5 inch			
10	Air Release Valve	Nos.	-			
11	Pressure Gauge	Nos.	2.0 inch			

12	Ventury with Manifold	Nos.	0.75 inch			
		Nos.	1.0 inch			
		Nos.	1.25 inch			
		Nos.	1.5 inch			
		Nos.	2.0 inch			
13	Reducing Socket	Nos.	As per req.			
14	Grommet	Nos.	16 mm			
15	Take off / Start Connector	Nos.	16 mm			
16	Nipple/Joiner	Nos.	16 mm			
17	End Cap	Nos.	16 mm			
18	Lateral Cock	Nos.	16 mm			
<b>Optional Item</b>						
19	Fertilizer Tank	Nos.	30 Ltr.			
20	Hydro Cyclone Filter with Inlet & Outlet	Nos.	20 m <sup>3</sup> per hr.			
		Nos.	25 m <sup>3</sup> per hr.			
		Nos.	30 m <sup>3</sup> per hr.			
21	Sand Filter with Inlet & Outlet	Nos.	20 m <sup>3</sup> per hr.			
		Nos.	25 m <sup>3</sup> per hr.			
		Nos.	30 m <sup>3</sup> per hr.			

We verified that above quantity found as inspected at site.

**Inspection Team**

1.  
Name & Signature with stamp

2.  
Name & Signature with stamp

I verified that this site of MIS is pertaining to above farmer.

(Extn.)/P

Horticulture Development Officer

Representative of concerned  
DHO

Name & Signature with Stamp

Sign. of Authorized Rep. of firm/  
Representative  
With Stamp, full Name and Designation.

Sign. of Farmer/His/Her

उद्यान विभाग हरियाणा  
प्रति बून्द अधिक फसल  
प्रधानमंत्री कृषि सिंचाई योजना  
संतुष्टि प्रमाण पत्र (फार्म-5)

प्रमाणित किया जाता है कि मैं/हम \_\_\_\_\_  
 पुत्र/पुत्री/पत्नी/श्री \_\_\_\_\_ गांव \_\_\_\_\_  
 तहसील \_\_\_\_\_ जिला \_\_\_\_\_ का निवासी हूँ। मेरे/हमारे खेत  
 में फर्म \_\_\_\_\_ द्वारा \_\_\_\_\_ क्षेत्र  
 भूमि में ड्रिप/फव्वारा सिंचाई प्रणाली स्थापित की गई है जो कि पूर्ण रूप से चालू है तथा  
 मैं फर्म के द्वारा किए गए कार्य से पूर्ण रूप से संतुष्ट हूँ।

(किसान के हस्ताक्षर)  
दिनांक:

(फर्म अधिकृत प्रतिनिधि के हस्ताक्षर)  
दिनांक:



**HORTICULTURE DEPARTMENT HARYANA**  
**Per Drop More Crop**  
**Pradhan Mantri Krishi Sinchayee Yojana**  
**Satisfaction Certificate (Form-5)**

Certified that I/we \_\_\_\_\_ S/o,D/o,W/o \_\_\_\_\_ (name & address of farmer) \_\_\_\_\_ have selected M/s. (name of MIS supplier) \_\_\_\_\_ for installation of \_\_\_\_\_ system in \_\_\_\_\_ ha. area under fruits/vegetables/flowers crops (Tick which is applicable). I am satisfied with the quality of system and its functioning as observed during trial run.

(Signature of farmer)

Date:

:

(Signature of MIS Supplier/ authorized representative)

Date:

प्रधान मंत्री कृषि सिंचाई योजना के तहत किसानों को अनुदान देने के लिए कुल जमीन का प्रमाण पत्र

1. संयंत्र मिनी फव्वारा/टपका सिंचाई यन्त्र
2. प्रार्थी का नाम
3. आयु
4. जाति
5. गांव
- डाकखाना
- ब्लाक
- तहसील
- जिला
- मिनी फव्वारा/टपका सिंचाई यन्त्र खरीदने वाले का नाम/भागीदारों के नाम

1  
2  
3  
4

प्रार्थी के हस्ताक्षर

तसदीक:-

मैं तसदीक करता हूँ कि प्रार्थी ने मेरी मौजूदगी में हस्ताक्षर/अंगूठा लगाया है।

सरपंच/नम्बरदार के हस्ताक्षर व मोहर

प्रार्थी को भूमि पटवारी द्वारा दिये जाने वाला विवरण इसमें प्रार्थी की पैतृक भूमि का हिस्सा भी दिया जाना चाहिए

अपने गांव में

अन्य गांव में

गांव का नाम

तहसील

जिला

अपने गांव में जमीन					दूसरे गांव में जमीन			कुल		
क्र० नं०	प्रार्थी का नाम	ए	क	म	ए	क	म	ए	क	म
1										
2										
3										
4										
5										

कुल

मैं तसदीक करता हूँ कि मलकियत भूमि के उपरोक्त विवरण मैंने हल्के के सरकारी माल रिकार्ड अनुसार ठीक है। उपरोक्त विवरण प्रार्थी का निजी हिस्सा भी दर्शाया है।

हस्ताक्षर पटवारी

**Check list of documents:**

<b>Sn.</b>	<b>Document</b>	<b>Page No.</b>
1	Application form	
2	Land record	
3	Land Map/Sizra	
4	Aadhar Card	
5	Soil & Water Testing Report	
6	Patwari Performa	
7	Ration Card/Water Bill/Electricity Bill	
8	GPS Document	
9	Vendor Estimate	
10	Sanction Letter	
11	Site Clearance Certificate	
12	Vendor Bill	
13	Form 4 & 4A	
14	Physical Verification & Financial Sanction Report	
15	Release of Assistance Report	

*\* All the District Horticulture Officers are instructed to maintain the MI record as per check list mentioned above with proper page marking.*

**5. National AYUSH Mission (NAM) -AAP : 2018-19**

**(The programme shall be under taken only after special instructions for the directorate, no physical activity be done and no expenditure under this scheme may be incurred till further orders)**

**District wise Physical target under crop cultivation component NAM 2018-19**

Sr. No.	District	Alovera @ 30% Rs. 18667.2/- of unit cost Rs. 62224/-	Stevia @ 30% Rs. 150700/- of unit cost Rs. 45210/-	Satawar @ 30% Rs. 27451.8/- of unit cost Rs. 91506/-	Amla @ 30% Rs. 28549.8/- of unit cost Rs. 95166/-	Bael @ 50% Rs. 29282/- of unit cost Rs. 58564/-	Tulsi @ 30% Rs. 13176.9/- of unit cost Rs. 43923/-	Total of Cultivation Component	Public sector- Nursery Development @ 100% Rs. 25.00 Lakh unit cost	Post Harvest management (Drying sheds @50% assistance of Unit cost Rs. 10.00 lakh	Total
		Target Phy.	Target Phy.	Target Phy.	Target Phy.	Target Phy.	Target Phy.	Target Phy.	Target Phy.	Target Phy.	Target Phy.
1	2	3	5	7	9	11	13	15	17	19	21
1	Panchkula	2	1	0	1	1	0.25	5.25	0	0	5.25
2	Ambala	4	1	1	1	1	0	8	0	0	8
3	Y.Nagar	4	1	0	1	1	1	8	0	1	9
4	KKR	3	1	0	1	1	0	6	0	0	6
5	Sonepat	5	1	1	1	1	0	9	0	0	9
6	Gurgaon	2	3	1	2	1	0	9	0	0	9
7	C. Dadri	3	2	1	2	2	1	11	0	0	11
8	Bhiwani	5	2	1	2	2	0	12	0	0	12
9	Hisar	6	2	1	2	2	1	14	0	1	15
10	Sirsa	6	2	0	1	2	0	11	0	0	11
11	Narnaul	4	1	0	2	2	0	9	0	0	9
12	Rewari	4	1	1	2	1	0	9	0	0	9
13	Mewat	4	1	1	2	1	0	9	0	0	9
14	Kaithal	3	1	0	2	1	0	7	1	0	8
15	Palwal	4	2	0	2	1	0	9	0	0	9
16	Faridabad	3	2	0	2	1	0	8	0	0	8
17	Jhajjar	5	1	0	2	1	1	10	0	0	10
18	Fatehabad	6	1	0	1	1	0	9	0	0	9
19	Panipat	1	1	0	1	1	1	5	0	0	5
20	Jind	2	1	1	2	1	0	7	0	0	7
21	Karnal	1	1	0	1	1	1	5	0	0	5
22	Rohtak	3	1	1	2	1	0	8	0	0	8
	<b>G.Tota.</b>	<b>80</b>	<b>30</b>	<b>10</b>	<b>35</b>	<b>27</b>	<b>6.25</b>	<b>188.25</b>	<b>1</b>	<b>2</b>	<b>191.25</b>

## **District wise Financial target under crop cultivation component NAM 2018-19**

Amount in Rs.

S N	District	Alovera @ 30% Rs. 18667.2/- of unit cost Rs. 62224/-	Stevia @ 30% Rs. 150700/- of unit cost Rs. 45210/-	Satawar @ 30% Rs. 27451.8/- of unit cost Rs. 91506/-	Amla @ 30% Rs. 28549.8/- of unit cost Rs. 95166/-	Bael @ 50% Rs. 29282/- of unit cost Rs. 58564/-	Tulsi @ 30% Rs. 13176.9/- of unit cost Rs. 43923/-	Total of Cultivation Component	Public sector-Nursery Development @ 100% Rs. 25.00 Lakh unit cost	Post Harvest management (Drying sheds @50% assistance of Unit cost Rs. 10.00 lakh	Total
		Target Fin.	Target Fin.	Target Fin.	Target Fin.	Target Fin.	Target Fin.	Target Fin.	Target Fin.	Target Fin.	Target Fin.
1	2	4	6	8	10	12	14	16	18	20	22
1	Panchkula	37334.4	45210	0	28550	29282	3294.25	143670.65	0	0	143670.65
2	Ambala	74668.8	45210	27452	28550	29282	0	205162.8	0	0	205162.8
3	Y.Nagar	74668.8	45210	0	28550	29282	13177	190887.8	0	500000	690887.8
4	KKR	56001.6	45210	0	28550	29282	0	159043.6	0	0	159043.6
5	Sonepat	93336	45210	27452	28550	29282	0	223830	0	0	223830
6	Gurgaon	37334.4	135630	27452	57100	29282	0	286798.4	0	0	286798.4
7	C. Dadri	56001.6	90420	27452	57100	58564	13177	302714.6	0	0	302714.6
8	Bhiwani	93336	90420	27452	57100	58564	0	326872	0	0	326872
9	Hisar	112003.2	90420	27452	57100	58564	13177	358716.2	0	500000	858716.2
10	Sirsa	112003.2	90420	0	28550	58564	0	289537.2	0	0	289537.2
11	Narnaul	74668.8	45210	0	57100	58564	0	235542.8	0	0	235542.8
12	Rewari	74668.8	45210	27452	57100	29282	0	233712.8	0	0	233712.8
13	Mewat	74668.8	45210	27452	57100	29282	0	233712.8	0	0	233712.8
14	Kaithal	56001.6	45210	0	57100	29282	0	187593.6	2500000	0	2687593.6
15	Palwal	74668.8	90420	0	57100	29282	0	251470.8	0	0	251470.8
16	Faridabad	56001.6	90420	0	57100	29282	0	232803.6	0	0	232803.6
17	Jhajjar	93336	45210	0	57100	29282	13177	238105	0	0	238105
18	Fatehabad	112003.2	45210	0	28550	29282	0	215045.2	0	0	215045.2
19	Panipat	18667.2	45210	0	28550	29282	13177	134886.2	0	0	134886.2
20	Jind	37334.4	45210	27452	57100	29282	0	196378.4	0	0	196378.4
21	Karnal	18667.2	45210	0	28550	29282	13177	134886.2	0	0	134886.2
22	Rohtak	56001.6	45210	27452	57100	29282	0	215045.6	0	0	215045.6
	<b>G.Tota.</b>	<b>1493376</b>	<b>1356300</b>	<b>274520</b>	<b>999250</b>	<b>790614</b>	<b>82356</b>	<b>4996416.25</b>	<b>2500000</b>	<b>1000000</b>	<b>8496416.25</b>

Thus the total assistance sought under this programme is **Rs 93.96** lakh\_out of which **Rs. 56.37** lakh is Central Share and **Rs. 37.58** is State Share.

### **Targets under Flexi Component**

Component	No. of Districts	No. of training	No. of Farmer per training	Amount for each Farmer (in Rs)	Total amount required (in Rs.)
Awareness Activities	At zonal level	4	100	Rs.2000/farmer/2days	200000
Workshop (State level)	State level	6		100000 per workshop	600000
Promotional Activities (distribution of pamphlets etc.)	22	10000		10/- per pamphlet	1,00,000
Total				-	900000

**Summary of Annual Action Plan 2018-19**

Sr. No.	Name of component	Amount of assistance required (in Rs.)		
		Total	Center Share (60%)	State Share (40%)
1	Nursery Establishment	2500000	1500000	1000000
2	Crop Cultivation	4996400.25	2997840.15	1998560.1
3	Post-Harvest Management	1000000	600000	400000
4	Flexible Fund ( Training, Workshop & Promotional Activites)	900000	540000	360000
	<b>Total</b>	<b>9396400.3</b>	<b>5637840.15</b>	<b>3758560.1</b>
	Management Support @ 5%	Nil	Nil	Nil
	<b>G. Total</b>	<b>9396400.3</b>	<b>5637840.15</b>	<b>3758560.1</b>

**Note: National AYUSH Mission operational guidelines for medicinal plant may be downloading from NMPB Website ([www.nmpb.nic.in](http://www.nmpb.nic.in)).**

## 6. GOOD AGRICULTURE PRACTICES AND EFFECT OF PESTICIDE RESIDUE ON FRUIT AND VEGETABLE (GAP) (SB NO. 61) FOR THE YEAR 2018-19.

The total provision under the scheme for the year 2018-19 is Rs. 178.00 lakhs. The detail of AAP for the year 2018-19 is as below:

P=Phy (no.), F=Fin.

Amount in Rs.

S N	Name of District	Other Charges (34)													Subsidy (11)	
		Field Day/Awareness camps (District level)		Sample		State level Seminar		Division level Seminar		Adverti sement/ Publicit y through Mass Media	E-Pest Surveillan ce and advisory system in Horticult ural Crops	Farmers School		Total Financi al allotme nt to DHOs (Rs.)	Pheromone Traps/Light Traps and Sticky Traps	
		P	F	P	F	P	F	P	F	F	F	P	F		P (Ha)	F
1.	Panchkula	5	50000	0	0	0	0			500000	3650000	5	1800000	50000	25	75000
2.	Ambala	5	50000	0	0	0	0							50000	25	75000
3.	Karnal	5	50000	50	225000	1	200000							475000	50	150000
4.	Sonipat	5	50000	0	0	0	0	1	50000					100000	50	150000
5.	Rohtak	5	50000	50	225000	1	200000							475000	50	150000
6.	Jhajjar	5	50000	0	0	0	0	1	50000					100000	30	90000
7.	Jind	5	50000	0	0	0	0							50000	30	90000
8.	Kurukshetra	5	50000	0	0	0	0							50000	50	150000
9.	Kaithal	5	50000	0	0	0	0							50000	40	120000
10.	Panipat	5	50000	50	225000	1	200000							475000	50	150000
11.	Narnaul	5	50000	0	0	0	0	1	50000					100000	30	90000
12.	Gurugram	5	50000	0	0	0	0	1	50000					100000	30	90000
13.	Mewat	5	50000	0	0	0	0							50000	30	90000
14.	Palwal	5	50000	0	0	0	0							50000	20	60000
15.	Hisar	5	50000	50	225000	1	200000							475000	50	150000
16.	Sirsa	5	50000	0	0	0	0	1	50000					100000	30	90000
17.	Faridabad	5	50000	0	0	0	0							50000	20	60000
18.	Fatehabad	5	50000	0	0	0	0							50000	25	75000
19.	Y. Nagar	5	50000	0	0	0	0							50000	25	75000
20.	Bhiwani	5	50000	0	0	0	0							50000	35	105000
21.	Rewari	5	50000	0	0	0	0							50000	20	60000
22.	C. Dadri	5	50000	0	0	0	0							50000	18	54000
	Total	110	1100000	200	900000	4	800000	5	250000	500000	3650000	5	1800000	3050000	733	2199000

Total of O.C. component in above Table - **Rs. 90.00 Lakh**

Subsidies ≈ **22.00 Lakhs**

### Implementation

- Field day/Awareness camps:** These **Field day/Awareness camps** shall be organized at farmers' field, where the GAP is adopted. An amt. of Rs. 10000/- per Awareness camp is kept for 50 no. of farmers i.e. (Rs. 200/- per head including a book namely "Keeto Se hi Keet Niyantaran by Haryanan Vigyan Manch of Rs. 100/- per book, Pan Pad material of Rs. 50/-, Tea & Snacks of Rs. 30/- and Rs. 20/- for flex and Misc. Deadline for completion of targets is: 40% target under this component must be completed till 15.08.2018, next 40% must be completed till 15.11.2018 and balance 20% till 15.01.2019.
- Samples:** Total 200 samples shall be taken from Panipat, Karnal, Hisar and Rohtak Districts. Maximum emphasis may be given on Vegetables. 175 no of samples shall be send to IPFT for Testing and 25 no of samples shall be send to Shri Ram Lab, Gurugram. Deadline for completion of targets is: 40 % samples must be collected till 15.08.2018, next 40% samples must be completed till 15.11.2018 and balance 20% samples till 15.01.2019. Timeline will be monitored

by Directorate sincerely. Already designated samples collector officers will take samples like previous year and will be responsible for deposition in concerned laboratory for analysis.

As per Annual Action Plan for the year 2018-19, this year samples will be taking from four district i.e. Panipat, Karnal, Hisar & Rohtak. In this regard, following officers will be responsible for taking the samples as per target mentioned in AAP – 2018-19.

Sr. No	Name of Officer	Designation	District to be assign for taking sample as per target
1	Sh. Kuldeep Singh	HDO, Ratia, Ftb.	Karnal
2	Sh. Jagdish Rai	SMS, Rohtak	Rohtak
3	Sh. Soran Singh	HDO, GGN, Ratgal, KKR.	Panipat
4	Sh. Krishan Nain	HDO, Hisar	Hisar

**The target of samples is as under:**

S N	Name of Distt.	Target of Samples from new locations						Target of samples from previous locations					G. Total
		Soils	Water	Vegetables			Total	Soils	Water	Vegetabl es/Fruits	Fro m Mkt	Total	
				From Open Field	From Poly House	From Market							
1	Karnal	10	10	10	5	5	40	2	4	2	2	10	50
2	Rohtak	10	10	10	5	5	40	2	4	2	2	10	50
3	Panipat	10	10	10	5	5	40	2	4	2	2	10	50
4	Hisar	10	10	10	5	5	40	2	4	2	2	10	50
	Total	40	40	40	20	20	160	8	16	8	8	40	200

- Seminars:** 4 nos. of State Level Seminars shall be organized in above different district by the Department. The budget limit is Rs.200000/- per seminar, which includes all type of charges and 5 nos. of Division Level Seminars shall be organized by concerned DHO in district Karnal, Sonipat, Jhajjar, Narnaul, Rohtak, Gurugram, Panipat, Sirsa and Hisar. The budget limit for division level seminar is Rs.50000/- per seminar which includes all types of charges. Deadline for completion of targets is: 40% target under this component must be completed till 15.08.2018, next 40% must be completed till 15.11.2018 and balance 20% till 15.01.2019.
- Advertisement/Publicity:** Awareness regarding excessive use of pesticides/ pesticide residue effect on fruits and vegetables through Radio Jingle and Publications in the Newspaper. The budget provision under this component amount Rs.5.00 lakh for the year 2018-19.
- E-Pest Surveillance and advisory system in Horticultural Crops:** This project has been approved by the Govt. and an amount Rs. 45.00 lakhs shall be kept under this component for first year of the project. This project will be initially executed in 8 no. of District i.e. Kurukshetra, Karnal, Panipat, Sonipat, Gurugram, Mewat, Hisar and Fatehabad especially in selected Bagwani Villages.
- Pheromone & Sticky Traps (subsidy component):** To reduce/minimize the effect of pest in fruits and vegetables, pheromone traps and sticky traps shall be distributed to the farmers in four district i.e. Karnal, Rohtak, Panipat and Hisar @ 75% of cost norms Rs.4000/- per ha. (Subsidy amount Rs.3000/- per ha.). Traps may be purchased from HAIC, sale counters or could be purchased directly by farmers at their own level.
- Farmers Schools:** To aware the farmers regarding effect of Judicious use of pesticides in Horticultural crops, 5 numbers of Kissan schools will be run by Dr. Surender Dalal Keet Saakasrta Mission for the year 2018-19 in District Hisar, Jind and Fatehabad.
- For achieving physical targets GPS coordinates must be taken.



## 7. Demonstration-cum-Food Processing Technology in Haryana (SB-No. 70):

There is provision of Rs. 80.00 lakh under the scheme for the year **2018-19**.

**The training Programmes to be conducted during 2018-19 at three centers shall be as follows:**

Sr. No.	Name of District	Tentative No. of Trainings	Total amount per training (in Rs.)	Total amount (in Rs. Lakh)
1.	Kurukshetra	33	40,000	13.20
2.	Jind	33	40,000	13.20
3.	Sirsa	34	40,000	13.60
	<b>Total</b>	<b>100</b>		<b>40.00</b>

**Say Rs. 40.00 lakhs**

### Instruction/Guidelines for Trainings at F.T. Labs:

- The training programme should be on primary and secondary processing of horticulture produce.
- Target group would be household ladies, NGO's, SHG, Anganbadi etc.
- Total amount per training= Rs.40000/-
- Four day training for 25 trainees @ Rs. 1600 per trainee/per training will be incurred.
- Total no. of training at 3 FT Lab= 100 (Kurukshetra -33, Jind – 33, Sirsa – 34)
- Cost of Rs. 1600/- per trainee/per training includes:

Sr. No.	Particulars/person	Cost per day (Rs.)	Total cost for Four day/per training (Rs.)	Remarks
1	One Tea & Samosa	25	100	
2	Lunch	80	320	
3	Pen & Pad	-	30	Only once
4	Travelling Fare	50 (Max. limit)	200	As per actual but not exceed Rs. 50/- in any case
5	Booklet (Hand-outs) to be supplied by Directorate	-	70	Only once
6	One handheld blender of ISI Mark	-	880	Only once
	<b>Total Cost/training/person</b>		<b>1600/-</b>	

- FT have to ensure selling of prepared product at least double of the amount of items purchased for training purpose.
- Food Technologist have to obtain the FSSAI licence up to 30.05.2018.

- Food grade of 1 Kg glass bottle for processed item will be used for selling purpose.
- The food preservation hand book will be provided by Directorate.

The balance funds Rs. 40.00 Lakhs has also been allotted to the concerned under various head. The Food Technologist Kurukshetra, Jind and Sirsa are directed to utilize the funds as per allotment.

<b>Objects</b>	<b>01-Salary</b>	<b>02-Wages</b>	<b>03-DA</b>	<b>04-TE</b>	<b>05-OE</b>	<b>17-MW</b>	<b>24-M&amp;S</b>	<b>33-P&amp;S</b>	<b>34-OC</b>	<b>45-P.O.L</b>	<b>47-S&amp;E</b>	<b>67-MR</b>	<b>70-LTC</b>	<b>86-Training</b>	<b>Total</b>
Department Budget	14.70	2.00	1.00	0.50	3.50	2.00	4.00	5.00	5.00	0.20	1.00	0.50	0.60	40.00	<b>80.00</b>
HQ								-	2.00	0.20	1.00	-	-	-	<b>3.20</b>
FT JIND,	-	0.60	-	-	1.10	0.60	1.20	1.60	0.50	-	-	-	-	13.00	<b>18.60</b>
Food Technologist KKR,	14.70	0.70	1.00	0.50	1.20	0.70	1.40	1.70	2.00	-	-	0.50	0.60	13.50	<b>38.50</b>
FT, Sirsa	-	0.70	-	-	1.20	0.70	1.40	1.70	0.50	-	-	-	-	13.50	<b>19.70</b>

## 8. Scheme for promotion of advanced National and International Technology SB-58

The total provision under the scheme is 2448.00 lacs.

<b>Targets of Fruit Plant Production and Income at Centers/ GGNs for year 2018-19</b>				
<b>Sr. No.</b>	<b>Name of Center/Nursery</b>	<b>Plant Production Target</b>	<b>Seedling Target</b>	<b>Income Target</b>
				<b>Income from Orchard Auction</b>
1	CEF Mangiana	40000	105000	7000000
2	CEV Gharounda	0	3500000	8000000
3	CSTF Ladwa	30000	35000	2000000
4	PTC, Shamgarh	0	0	4000000
5	HTGH Gurugram	0	2500000	2500000
6	GGN Gurugram	0	0	400000
7	HTGH, Samer Gopalpur	0	1000000	1000000
8	GDC Bhuna	60000	80000	2200000
9	MCDC, Barwala	0	0	800000
10	MFC Fatehpur, Panchkula	0	0	500000
11	GGN Fatehpur	5000	7000	2000000
12	GGN, Pinjore	5000	7000	2000000
13	GGN, Nabipur	0	0	1000000
14	GGN, Chhachhroli	2000	3000	1000000
15	GGN, Kharindwa	0	0	800000
16	GGN, Ratgal	0	0	1200000
17	IBDC, Ramnagar	0	0	600000
18	GGN, Chikka	0	0	600000
19	GGN, Jind	0	0	1300000
20	GGN, Krishanpura, Jind	0	0	500000
21	GGN, Uchani	0		100000
22	GGN, Pancchigujran	0	0	400000
23	GGN, Sewa Kheri	0	0	1000000
24	GGN, Hodal	0	0	100000
25	GGN, Pinangwa	0	0	500000
26	GGN, Hansi	0	0	1600000
27	GGN, Sirsa	0	0	150000
	<b>Total</b>	<b>142000</b>	<b>7237000</b>	<b>43250000</b>
28	<b>HQ Pkl</b>			
	<b>Grant Total</b>			
	Buget allocation			
	Excess/Deficit			

## 9. Rastriya Krishi Vikash Yojana (RKVY)-2018-19

### District Wise target committed liability - 2017-18 utilized during 2018-19 under RKVY

Sr. No	Name of the District	Name of Project	Committed liability amount in Rs.
1	Faridabad	<b>Promotion of Vertical Farming Cultivation Technologies in Haryana State</b>	4087920
2	Fatehabad		1315938
3	Nuh		548800
4	Hisar		1906230
5	Jhajjar		651504
6	Jind		2125874
7	K/kshetra		2246272
8	Karnal		6297410
9	Kaithal		3262192
10	Panchkula		644000
11	Sonepat		163580
12	Sirsa		953868
	<b>Total</b>		<b>24203588</b>

## Project Proposals submitted to Govt. for approval under RKVY - RAFTAAR – 2018-19

### A. Regular RKVY - RAFTAAR (Infrastructure/Assets)

(Rs. in lacs)

Project No.	Project	Financial Targets 2018-19
<b>A. Regular RKVY – RAFTAAR (Infrastructure / Assets)</b>		
1	Project Proposal for Quality Seed Potato Production using Aeroponics and Select and Supply short duration potato varieties at Potato Technology Center (PTC) Shamgarh (Karnal)	500.00
2	Project Proposal for Integrated Post Harvest Management Unit of Fruits at Guava Demonstration Centre (GDC) Bhuna, Fatehabad	162.84
3	Project Proposal for Farmer Producer Organizatins (FPOs) in Haryana State	528.00
	<b>Total</b>	<b>1190.84</b>

**District-wise Target for Vegetable Seed Samples for the year 2018-19**

<b>Sr. No.</b>	<b>Name of District</b>	<b>Target for 2018-19</b>
1	Ambala	30
2	Bhiwani	30
3	Charkhi Dadri	25
4	Faridabad	25
5	Palwal	30
6	Fatehabad	30
7	Gurgaon	35
8	Mewat	30
9	Hisar	30
10	Yamunanagar	30
11	Jhajjar	30
12	Jind	25
13	Kurukshetra	30
14	Karnal	35
15	Kaithal	30
16	Narnaul	25
17	Panchkula	25
18	Panipat	30
19	Rohtak	35
20	Rewari	25
21	Sonepat	35
22	Sirsa	30
	<b>Total</b>	<b>650</b>

**List of Nurseries Accredited by NHB in Haryana**

**Ministry of Agriculture, Government of India**  
**Find a Star Nursery**

Selected State		Haryana		Selected Crop		Selected Star Rating		All
Sr No.	Nursery Name	Nursery Address	Email-id/Mobile No	Star Rating	Name of Crop	Name of Variety (s)	No.of Mother Plants	Production Capacity
1	Amit Fruit Nursery	Village & Post-Chautala, Tehsil-Dabwali, District- Sirsa (Haryana)	dsrs.dabwali@gmail.com  9416014488	2				
					CIRTUS			
						Kinnow	348	200000
						Malta	223	30000
2	Bala Ji Nursery	Vill.- Kaimari, Distt. - Hissar (Haryana)	rohitrathi@yahoo.com  9896272421	1				
					BER			
						Gola	5	2500
						Kaithli	10	3000
						Umran	10	2500
					CIRTUS			
						Kinnow	50	5000
					GUAVA			
						Allahabad Safeda	31	5000
						Hisar Safeda	30	5000
						Hisar Surkha	25	5000
						L-49	30	5000
					JAMUN			
						Local Collection	7	500
					POMEGRANATE			
						Bhagva	40	2000
						Kandhari	40	3000
3	Central State Farm, Hissar	Village - Hissar, District - Hissar, Haryana	0	2				
					BER			
						Gola	65	1000
						Umran	975	9000
					CIRTUS			
						Kinnow Mandarin	80	5000
						Lemon	285	10000

						(Baramasi)		
						Lime Kagji	125	5000
4	Centre of Excellence for Fruits (Veg.)	Village - Mangiana, District - Sirsa	0	2				
					Bottle Gourd			
						Anurag		175000
					BRINJAL			
						Choo-choo		25000
					CAPSICUM			
						Indra		165000
					Cucumber			
						Alyssa		35000
					GREEN CHILLY			
						Kranti		150000
					TOMATO			
						Himshikhar		160000
5	Centre of Excellence for fruits Mangiana	Village - Mangiana, District - Sirsa (Haryana)	0	4				
					CIRTUS			
						Kinnow	264	88800
6	Centre of Excellence for Vegetable, At-Gharaunda	Centre of Excellence for Vegetable, At-Gharaunda, Distt.- Karnal (Haryana)	horticulture@hry.nic.in 9466147011	2				
					BRINJAL			
						Michel		260000
					CAPSICUM			
						Asha		250000
						Bachata		137500
						Indra		250000
						Inspiration		137500
						Natasha		13750
						Swarna		13750
					Cucumber			

						Adam		90000
						Fadia		90000
						Hilton		90000
						Multistar		90000
					GREEN CHILLY			
						Kranti		125000
						Soldier		125000
					Squash			
						Cora F-1		50000
					TOMATO			
						Heemsohn a		110000
						Himshikhar		110000
						Lupin		90000
						NS-4266		100000
7	Dalip Nursery	Village - Julani Khera, District - Kaithal (Haryana)	9812718688	1				
					CIRTUS			
						Kinnow	50	5000
					GUAVA			
						Allahabad Safeda	10	10000
						Hisar Safeda	80	1000
						Punjab Pink	20	3000
					LIME			
						Baramasi	80	50000
						Kagzi Lime	50	30000
8	Fruit Plants nursery Horticulture CCS HAU	Director of Research Fruit Plants Nursery, Horticulture CCS Haryana Agriculture University Hisar(Haryana)	0	2				
					AONLA			
						Banarsi	18	1000
						Chakaya	22	1000
					BER			
						Gola	120	1500
						Umran	165	1500
					CIRTUS			
						Kinnow	385	10000
					GUAVA			
						Hisar Safeda	300	3000



						Hisar Surkha	300	3000
						L-49	300	3000
					POMEGRANATE			
						Ganesh	10	1000
9	Government Garden and Nursery Gurgaon	Village - Gurgaon, District - Gurgaon (Haryana)	dhogurgaon@gmail.com 0	1				
					GUAVA			
						Allahabad Safeda	180	5000
						L-49	108	5000
10	Govt Seed Farm, Shamgarh	Vill.+P.O.- Shamgarh, Distt.-Karnal (Haryana)	dhokarnal@gmail.com 0	1				
					GUAVA			
						Allahabad Safeda	300	2500
						L-49	304	2500
11	Govt. Garden & Nursery Nabipur	Village - Nabipur, District - Ambala (Haryana)	dhoambala@gmail.com 0	1				
					LITCHI			
						Calcuttia	125	4000
						Seedless	10	200
					MANGO			
						Amrapali	69	8000
						Dashehari	567	13000
					SAPOT A			
						Cricket Ball	61	10000
12	Govt. Garden & Nursery, Chhachhrauli	Village - Chhachhrauli, District - Yamunanagar (Haryana)	0	3				
					LITCHI			
						Shahi	41	3000
					MANGO			
						Chausa	34	8000
						Dashehari	233	40000
						Langra	3	2000

					SAPOT A			
						Cricket Ball	115	20000
13	Govt. Garden & Nursery, Hansi	Village - Hansi, District - Hisar (Haryana)	0	1				
					CIRTUS			
						Kinnow	200	6500
						Mosambi	9	500
					GUAVA			
						Allahabad Safeda	150	8200
						Hisar Safeda	216	4500
						Hisar Surkha	110	3000
						L-49	103	7800
14	Govt. Garden & Nursery, Ram Nagar	Village - Ram Nagar, District - Kurukshetra(H aryana)	0	1				
					GUAVA			
						Allahabad Safeda	30	5000
					PEACH			
						Shan-e- Punjab	14	2000
					Pear			
						Pathar Nakh	100	5000
					SAPOT A			
						Cricket Ball	50	5000
15	Govt. Garden & Nursery, Barwala	Village - Barwala, District - Hissar, Haryana	0	2				
					BER			
						Gola	36	3000
						Umran	227	7000
					CIRTUS			
						Kinnow	428	22000
						Lemon (Baramasi)	28	2500
						Malta	81	8000
						Mosambi	4	500
					GUAVA			
						Allahabad Safeda	27	4000

16	Govt. Garden & Nursery, Ratgal	Village - Ratgal, District - Kurukshetra(Haryana)	9996788012	1				
					MANGO			
						Amrapali	10	200
						Chausa	15	1000
						Dashehari	180	2000
						Ramkela	15	1500
					PEACH			
						Prabhat	25	1000
						Shan-e-Punjab	25	2000
					Pear			
						Bagugosha	60	800
						Pathar Nakh	86	1000
					SAPOT A			
						Cricket Ball	30	1000
						Kalpatti	50	1000
17	Govt. Garden Nursery And Guava Demonstration Centre, Vill.- Bhuna, Distt.- Fatehabad (Haryana)	Govt. Garden Nursery And Guava Demonstration Centre, Vill.- Bhuna, Distt.- Fatehabad (Haryana)	0	1				
					GUAVA			
						Allahabad Safeda	200	3000
						Hisar Surkha	190	2000
18	Govt. Garden Nursery Fatehpur (Panchkula)	Village - Panchkula, District - Panchkula (Haryana)	dhopanchkula@gmail.com 0	1				
					LITCHI			
						Calcuttia	3	100
						Seedless	2	100
					MANGO			
						Amrapali	104	2000
						Chausa	34	2000
						Dashehari	145	2000
						Langra	105	2000
					SAPOT A			
						Cricket Ball	72	8000
19	Govt.	Vill. - Pinjore,	dhopanchkula	2				

	Garden Nursery Pinjore	District - Panchkula(Haryana)	@gmail.com 0					
					SAPOT A			
						Cricket Ball	240	4500
20	Govt. Garden Nursery, Jind	Village & Post - Jind, Haryana	9896024270	1				
					BER			
						Umran	75	75000
					GUAVA			
						Allahabad Safeda	150	30000
						L-49	120	24000
21	Govt. Garden Nursery, Panchi Gujran	Vill.+P.O.- Panchi Gujran, Distt.-Sonipat (Haryana)	9728506095	1				
					BER			
						Gola	34	6000
					GUAVA			
						Allahabad Safeda	15	1000
						L-49	253	4000
22	Govt. Garden & Nursery, Ladwa	Village - Ladwa District - Kurukshetra(Haryana)	0	1				
					LITCHI			
						Calcuttia	20	1000
						Dehradun	10	500
						Seedless	2	500
					MANGO			
						Amrapali	50	3000
						Chausa	10	3000
						Dashehari	40	3000
						Langra	20	3000
						Ramkela	10	3000
23	Gyano Devi Bagh & Nursery	Village - Palwan, Post - Uchana, Distt.- Jind (Haryana)	941651835	1				
					BER			
						Gola	5	1000
						Umran	20	4000
24	Harbir Nursery	Vill.-Dadllu, Post-Rawa, Tq.- Shahbad Markanda,	harbiragriculture@rediffmail.com 9416553212	1				

		Distt.- Kurukshetra (HR)						
					BRINJAL			
						Mohit		400000
						Navkiran		550000
					CAPSICUM			
						Almirante		150000
						Indus 1201		1200000
					CAULIFLOWER			
						Mahi		5000000
						Snow White		5000000
					GREEN CHILLY			
						Namdhari NS-1701 DG		500000
						Soldier VNR		1800000
					ONION			
						NHRDF Red		3000000
					TOMATO			
						Indus 32		2000000
						Indus 537		1500000
25	K.S. Pradhan Nursery, (Virender Singh)	K.S. Pradhan Nursery, (Virender Singh), Vill.- Thana Khurd, Teh- Kharkhoda, Distt.- Sonipat (Haryana)	9416769451	1				
					GUAVA			
						Allahabad Safeda	100	40000
						L-49	2	5000
26	Kisan Nursery	Village - Sunderpur, District - Rohtak (Haryana)	9416990854	2				
					AONLA			
						Chakaya	1	7000
						NA -7	4	28000
					BER			
						Gola	2	8000
					CIRTUS			
						Kinnow	32	32000
						Lime Kagji	80	40000
						Mosambi	12	12000

					GUAVA			
						Allahabad Safeda	510	100000
						Hisar Safeda	40	10000
						L-49	100	20000
						Lalit	50	10000
27	New Shakya Nursery	Village & Post - Dhani Purviyan District - Fatehabad(Haryana)	0	1				
					CIRTUS			
						Kinnow	350	34000
					GUAVA			
						Allahabad Safeda	80	4000
						L-49	150	12000
28	Yadav Fruit Plant Nursery	Shri Hari Singh S/o Nand Lal Singh, Village - Sigra, Post - Bucholi, District - Mahendragarh (Haryana)	satenderyadav 2010@gmail.com 9812891463	1				
					AONLA			
						Chakaiya	15	2000
						NA -7	35	7500

**Name and Addresses of Officers of Department.**

Sr. No.	District	Name of Officer	Designation	Official Address	Mobile No.	E-mail Address
1.	HQ	Dr. Arjun Singh Saini	Director General Horticulture	Udhyan Bhawan, Sector-21, Panchkula-134116, Haryana	9779888001	<a href="mailto:hortharyana@gmail.com">hortharyana@gmail.com</a>
2.		Dr. B.S. Sharawat	ADH-cum-MD, HSHDA	-do-	9216146908	<a href="mailto:mdmidhharyana@gmail.com">mdmidhharyana@gmail.com</a>
3.		Dr. Ranbir Singh	JDH/ P&N	-do-	9779888010	<a href="mailto:jdhpn-hry@nic.in">jdhpn-hry@nic.in</a>
4.		Dr. Dharm Singh Yadav	JDH/N	-do-	9779888017	<a href="mailto:Jdhn-hry@nic.in">Jdhn-hry@nic.in</a>
5.		Dr. Manoj Kundu	DDH/N	-do-	9996788157	<a href="mailto:ddhnhm-hry@nic.in">ddhnhm-hry@nic.in</a>
6.		Dr. P.C. Sindhu	DDH, MI	-do-	9416890427	<a href="mailto:ddhmihort-hry@nic.in">ddhmihort-hry@nic.in</a>
7.		Dr. Deepak Dhatteawal	DDH, PP	-do-	9996788087	<a href="mailto:ddpphort-hry@nic.in">ddpphort-hry@nic.in</a>
8.		Dr. Pawan Kumar	DDH, P&N	-do-	9466359706	<a href="mailto:ddhpn-hry@nic.in">ddhpn-hry@nic.in</a>
9.		Dr. Mohinder Singh	DDH, F&V	-do-	8685872156	<a href="mailto:ddhf-hry@nic.in">ddhf-hry@nic.in</a>
10.		Dr. Mahender Singh	Vegetable Specialist	-do-	9416670052	<a href="mailto:fshort-hry@nic.in">fshort-hry@nic.in</a>
11.		Dr. Dilbag Singh	Nursary Specialist	-do-	9779888034	<a href="mailto:nshortharyana@gmail.com">nshortharyana@gmail.com</a>
12.	Karnal	Dr. Joginder Singh Ghanghas	Principal, HTI	Horticulture Training Institute, Uchani, Karnal Pincode. 132001	9416057077	<a href="mailto:htiharyana@gmail.com">htiharyana@gmail.com</a>
13.	Mangiana,	Dr. Attam Parkash	Deputy Director Fruit, CEF,	Centre of Excellence for Fruits Mangiana, Sirsa, Haryana, Pincode. 125104	9729066726 7404279762	<a href="mailto:ddhcef@gmail.com">ddhcef@gmail.com</a>
14.	Gharunda	Dr. Satyender yadv	Deputy Director Horticulture CEV,	Centre of Excellence for Vegetable Gharunda, Karnal, Haryana, Pincode. 132114	9466147011	<a href="mailto:ddh.cev@gmail.com">ddh.cev@gmail.com</a>

15.	Bhuna, Fathebad	Dr. Attam Parkash	Deputy Director Horticulture	GuavaDemonstrati on Centre Govt. garden Nursery Uklona Road Bhuna Distt. Fatehabad Pincode. 125111	9729066726 7404279762	<a href="mailto:ddhbhuna@gmail.com">ddhbhuna@gmail.com</a>
16.	Ladwa,	Dr. Billu Yadav Dr. Ansul Annad	Deputy Director Horticulture	CSTF, Ladwa	9996788004 9416432360	<a href="mailto:cstfladwa@gmail.com">cstfladwa@gmail.com</a>
17.	Gurgaon	Dr. Joginder Singh	Deputy Director Horticulture	In front of Court, Agri Farm, Gurgaon, Haryana Pincode. 122001	0124- 2324067	<a href="mailto:ddhgurgaon@gmail.com">ddhgurgaon@gmail.com</a>
18.	Bhiwani	Dr. Attam Parkash	Deputy Director Horticulture	P.H.C Bhawan Near Market Committee Bhawan New Anaj Mandi, Bhiwani, Haryana Pin Code-127021	9729066726 7404279762	<a href="mailto:ddhbhiwani@gmail.com">ddhbhiwani@gmail.com</a>
19.	Rohtak	Dr. Joginder Singh	Deputy Director Horticulture	New Anaj mandi Rohtak, Haryana Pincode. 124001		<a href="mailto:ddhrohtak@gmail.com">ddhrohtak@gmail.com</a>
20.	Mangiana	Dr. Attam Parkash	Deputy Director Fruit, CEF,	Centre of Excellence for Fruits Mangiana, Sirsa, Haryana, Pincode. 125104	9729066726 7404279762	<a href="mailto:ddhcef@gmail.com">ddhcef@gmail.com</a>
21.	Ambala	Dr. Hawa Singh	District Horticulture Officer	Court Road, Agri Farm Ambala, Haryana Pincode No. 134003	9896024270	<a href="mailto:dhoambala@gmail.com">dhoambala@gmail.com</a>
22.	Bhiwani	Dr. Raghubir Jhorar	District Horticulture Officer	P.H.C Bhawan Near Market Committee Bhawan New Anaj Mandi, Bhiwani, Haryana Pin Code-127021	9466128713	<a href="mailto:dhobhiwani@gmail.com">dhobhiwani@gmail.com</a>
23.	Charkhi Dadri	Dr. Jitneder Mongia	District Horticulture Officer	Loharu Road, Bharvi Goan, Kishan Model School, Pincode. 127306	9996788110	<a href="mailto:dhocharkhidadri@gmail.com">dhocharkhidadri@gmail.com</a>
24.	Fatehabad	Dr. Sarwan Singh	District Horticulture Officer	New Vegetable Mandi Hisar Road, Fatehabad, Haryana, Pincode. 125050	9996788108	<a href="mailto:dhofatehabad@gmail.com">dhofatehabad@gmail.com</a>



25.	Faridabad	Dr. R.S. Sahu	District Horticulture Officer	New Vegetable market Dabua, Faridabad, Haryana, Pincode. 121001	7015555676	<a href="mailto:dhofaridabad@gmail.com">dhofaridabad@gmail.com</a>
26.	Gurugram	Dr. Deen Mohammad	District Horticulture Officer	In front of Court, Agri Farm, Gurgaon, Haryana Pincode. 122001	9868716942	<a href="mailto:dhogurgaon@gmail.com">dhogurgaon@gmail.com</a>
27.	Hisar	Dr. Ravinder Dhanda (add. charge)	District Horticulture Officer	P.H.C. Bhawan Near Market Committee Bhawan Near New Anaj Mandi, Hisar, Haryana, Pincode. 1250001	9416108113	<a href="mailto:dhohisar@gmail.com">dhohisar@gmail.com</a>
28.	Jhajjar	Dr. Ravinder Singh	District Horticulture Officer	Kisan Sadan, Jhajjar, Haryana, Pincode. 124103	8570006391	<a href="mailto:dhohajjar@gmail.com">dhohajjar@gmail.com</a>
29.	Jind	Dr. Birender Hooda	District Horticulture Officer	Near Roadways workshop Jind, Haryana Pincode.126102	9996788089	<a href="mailto:dhojnd@gmail.com">dhojnd@gmail.com</a>
30.	Kaithal	Dr. Ashul Anand	District Horticulture Officer	Nahru Garden Colony, Gali No-1, Near jat Girl's School Kaithal, Haryana, Pincode. 136027	9416432360	<a href="mailto:dhokaithal@gmail.com">dhokaithal@gmail.com</a>
31.	Karnal	Dr. Madan Lal	District Horticulture Officer	Horticulture Training Institute Uchani Karnal, Haryana Pin Code No. 132001	9996788025	<a href="mailto:dhokarnal@gmail.com">dhokarnal@gmail.com</a>
32.	Kurukshetra	Dr. Joginder Bisla	District Horticulture Officer	Govt. Gardan Nersery Ratgal Near Agriculture Office Sector-7, Kurukshetra, Haryana Pincode-136118	9467996049	<a href="mailto:dhokurukshetra@gmail.com">dhokurukshetra@gmail.com</a>
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34.	Nuh	Dr. Jagdish Sihag	District Horticulture Officer	P.H.C. Bhawan Near Doordarshan Kender New Anaj Mandi, Mewat (Nuh) Haryana,	9416544074	<a href="mailto:dhomewat@gmail.com">dhomewat@gmail.com</a>

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37.	Panipat	Dr. Subhash Chander	District Horticulture Officer	P.H.C. Bhawan, behind of S.P Office, New Anaj Mandi, Panipat Haryana, Pincode. 132104	9416488940	<a href="mailto:dhopanipat@gmail.com">dhopanipat@gmail.com</a>
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39.	Rohtak	Dr. Surender Sihag	District Horticulture Officer	New Anaj mandi Rohtak, Haryana Pincode. 124001	9996788080	<a href="mailto:dhorohtak@gmail.com">dhorohtak@gmail.com</a>
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