



Per Drop More Crop

Drip & Mini Sprinkler Irrigation Programme (PMKSY)

Norms and Guidelines

2016-17



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INDEX		
S.N.	Content	Page No.
	Circular-I	I
1	Background	1
2	Present Status of micro irrigation in Haryana	2
3	Implementation Mode	3
4	DPAP/DDP Area	3
5	Type of farmer	3
6	Category of farmer	4
7	Assistance Rate	4
8	Scheme Monitoring	4
9	MINET portal & work responsibilities during various interfaces	4
10	Empanelment of MI firms	8
11	Terms & conditions for MI work execution	10
12	Annual Action Plan 2016-17	14
13	Final applicable prices	19
14	Unit cost & assistance	22
15	Models	27
16	Application form (Form-1)	60
17	Sanction letter (Form-2)	63
18	Site clearance certificate (Form-3)	68
19	Inspection report (Form-4)	69
20	Inspection report (Form-4 A)	70
21	Satisfaction certificate (Form-5)	74

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

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 1st 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 will be 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 were prevailing under OFWM, until revised.
- d) The Union Cabinet has approved the programme ‘Pradhan Mantri Krishi Sinchayee Yojana (PMKSY)’ on 1st 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.
- For the year 2015-16 the micro irrigation programme is being implemented under Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) (Per Drop More Crop) as per norms and guidelines of National Mission on Sustainable Agriculture.
- 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 2016-17 to cover the area of 25200 ha under drip irrigation and mini sprinkler 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 2015-16 (Area in ha.)

Sr. No.	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
	Total	21566	51758	73324

Financial Progress 2006-07 to 2015-16 (Rs. in lakhs)

Sr. No.	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
	Total	32354.86	27732.16	86

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 on MINET (the matter of micro irrigation systems for agriculture crops on MINET is under process) in Haryana State:

- Drip Irrigation System (Horticultural & Agricultural Crops)
- Mini Sprinkler System (Horticultural & Agricultural Crops)
- Portable Sprinkler System (Agricultural Crops)

4. DDP/DPAP Area

- DDP : Desert Development Programme
- DPAP : Drought Prone Area Programme

As per GOI guidelines, there is 10-15% additional assistance provision for farmers pertaining to DPAP/DDP districts instead of Non-DPAP/DDP districts. The detail of DPAP/DDP and Non-DPAP/DDP districts is given as under:

S.N	DPAP/ DDP District	S.N	Non- DPAP/ DDP District
1	Jhajjar	1	Panchkula
2	Sirsa	2	Yamunanagar
3	Fatehabad	3	Ambala
4	Hisar	4	Kurukshetra
5	Bhiwani	5	Kaithal
6	Mahendragarh	6	Jind
7	Rewari	7	Karnal
		8	Panipat
		9	Sonepat
		10	Gurugram
		11	Mewat
		12	Faridabad
		13	Palwal
		14	Rohtak

5. 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:

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

6. Category of farmer

On MINET portal, all type of farmers are eligible for applying application for assistance on supply and installation of micro irrigation system in the State. The assistance rate in case of SCSP farmers is 15% more in comparison to other farmers.

7. Assistance Rate

Haryana State Govt. providing 15% additional assistance to all category of farmers & 15% additional assistance to scheduled caste farmer over & above the other category farmers both in DPAP/DDP and Non-DPAP/DDP area. The final assistance pattern in the State is as under:

S.N	Category of farmer	General Farmers (%)	Scheduled Caste Farmers (%)
A.	Small & Marginal		
	Non-DDP/DPAP	60	75
	DDP/DPAP	75	90
B.	Other General		
	Non-DDP/DPAP	50	65
	DDP/DPAP	60	75

8. Scheme Monitoring

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

S. N.	Designation of Officer	Percentage
1.	Subject Matter Specialist	100
2.	District Horticulture Officer	10
3.	Dy. Director Horticulture (Field)	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 third party (NABCONS, if appointed), 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.

9. MINET Web Portal & Work Responsibilities during various interfaces

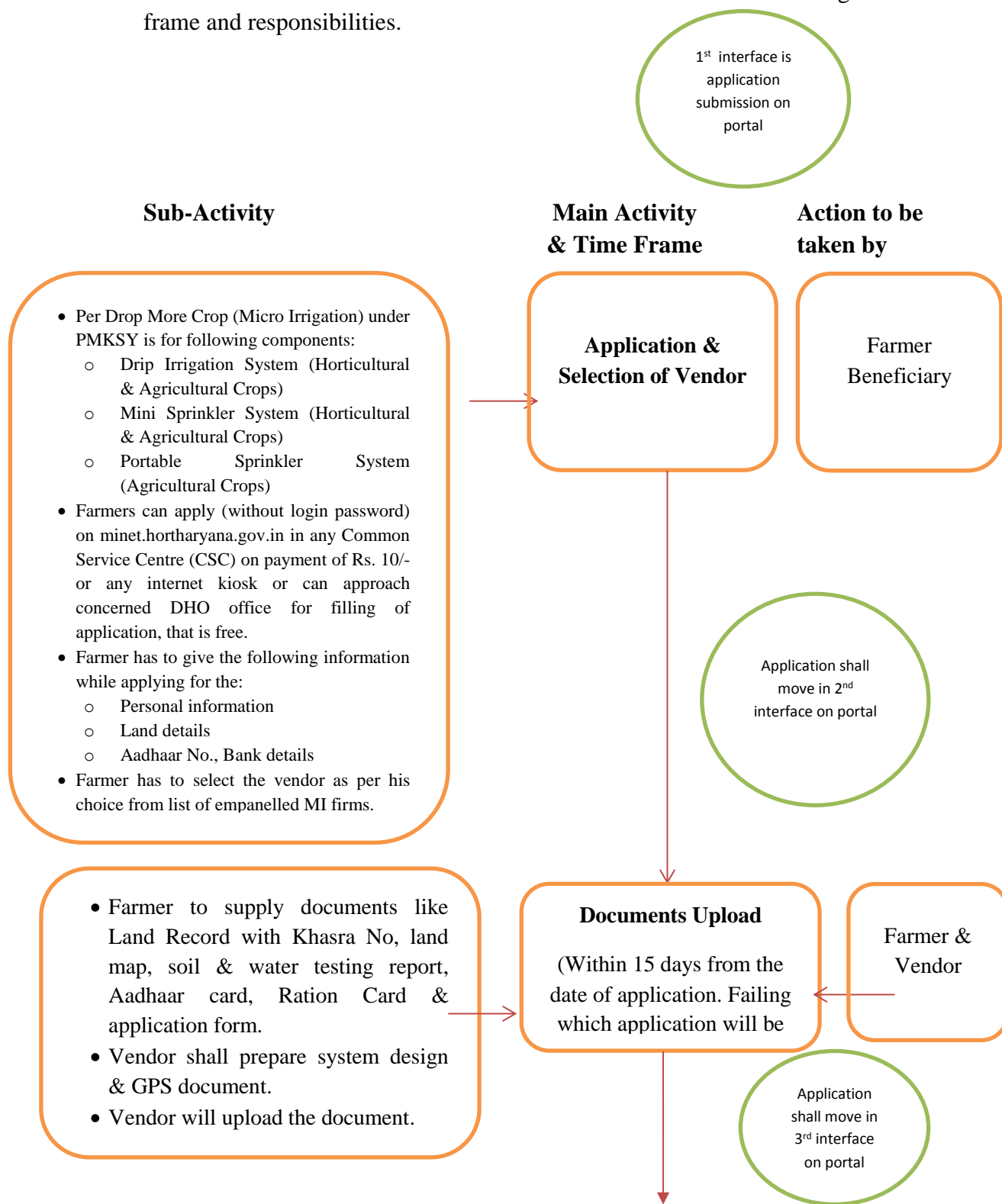
- a) **Website address:** Department of Horticulture is implementing micro irrigation programme on online web portal namely as MINET. All the process from

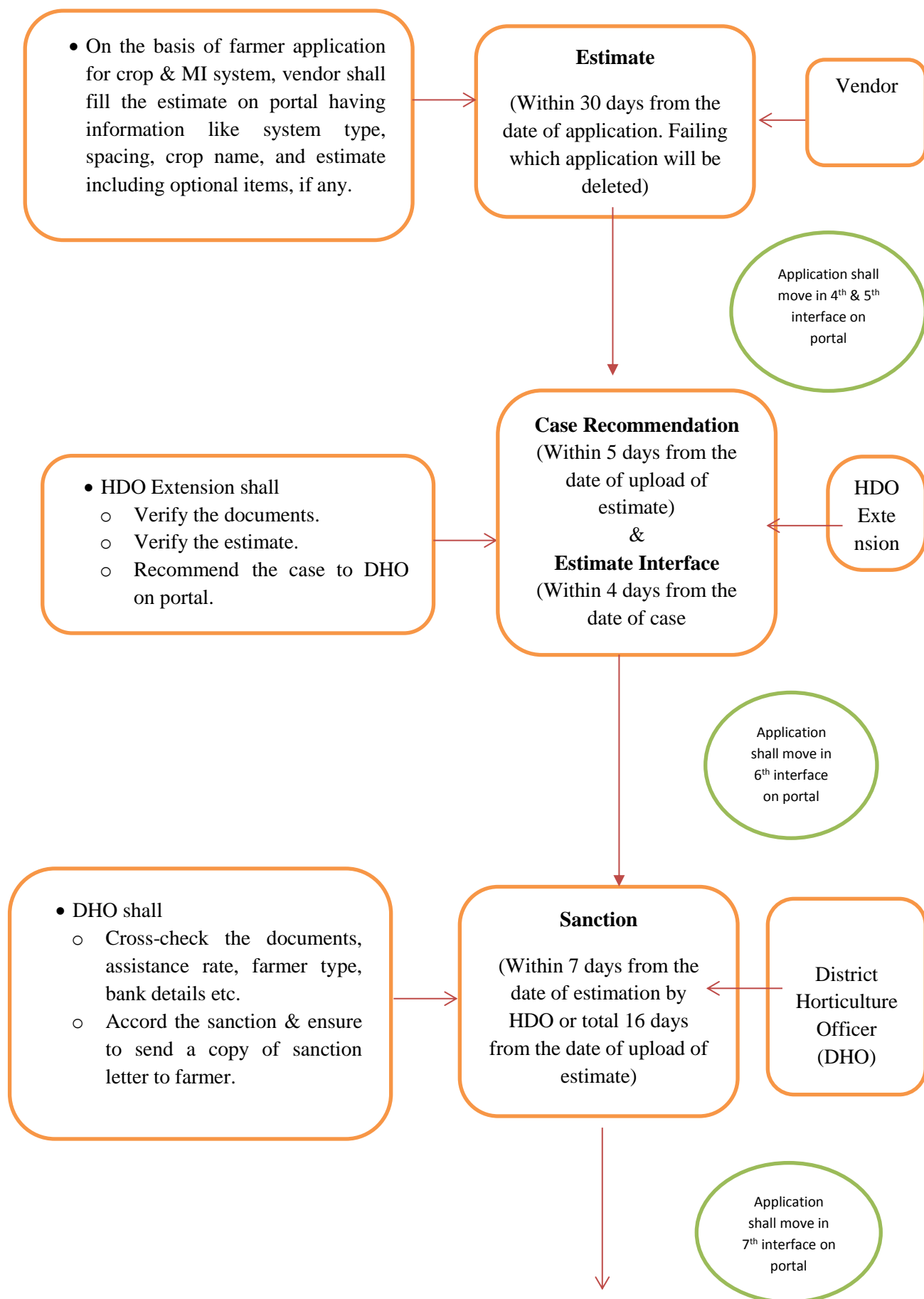
submission of application to release of assistance are processed online on above portal. The web address of MINET portal is <http://minet.hortharyana.gov.in>

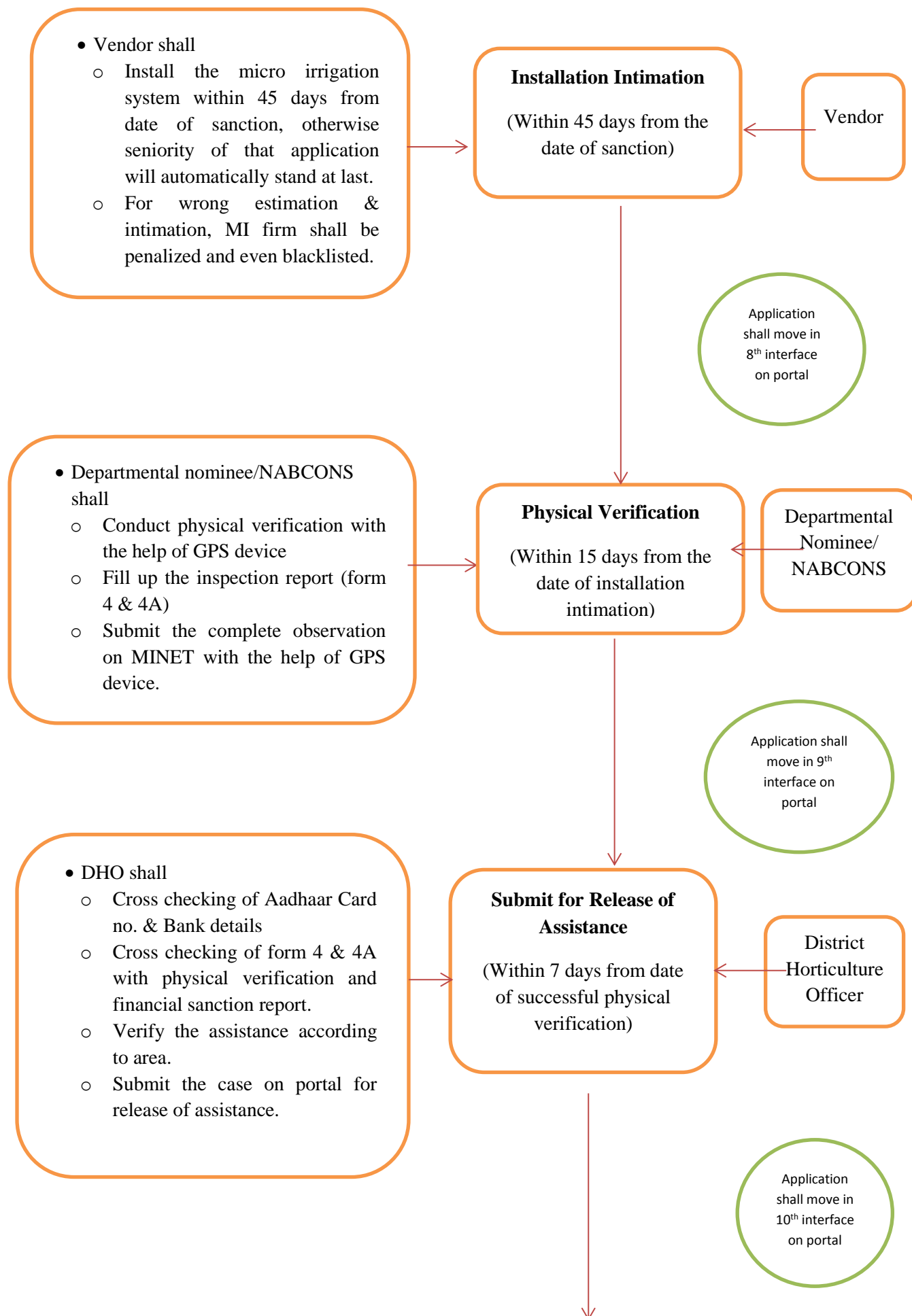
b) The following **type of reports** can be generated on MINET.

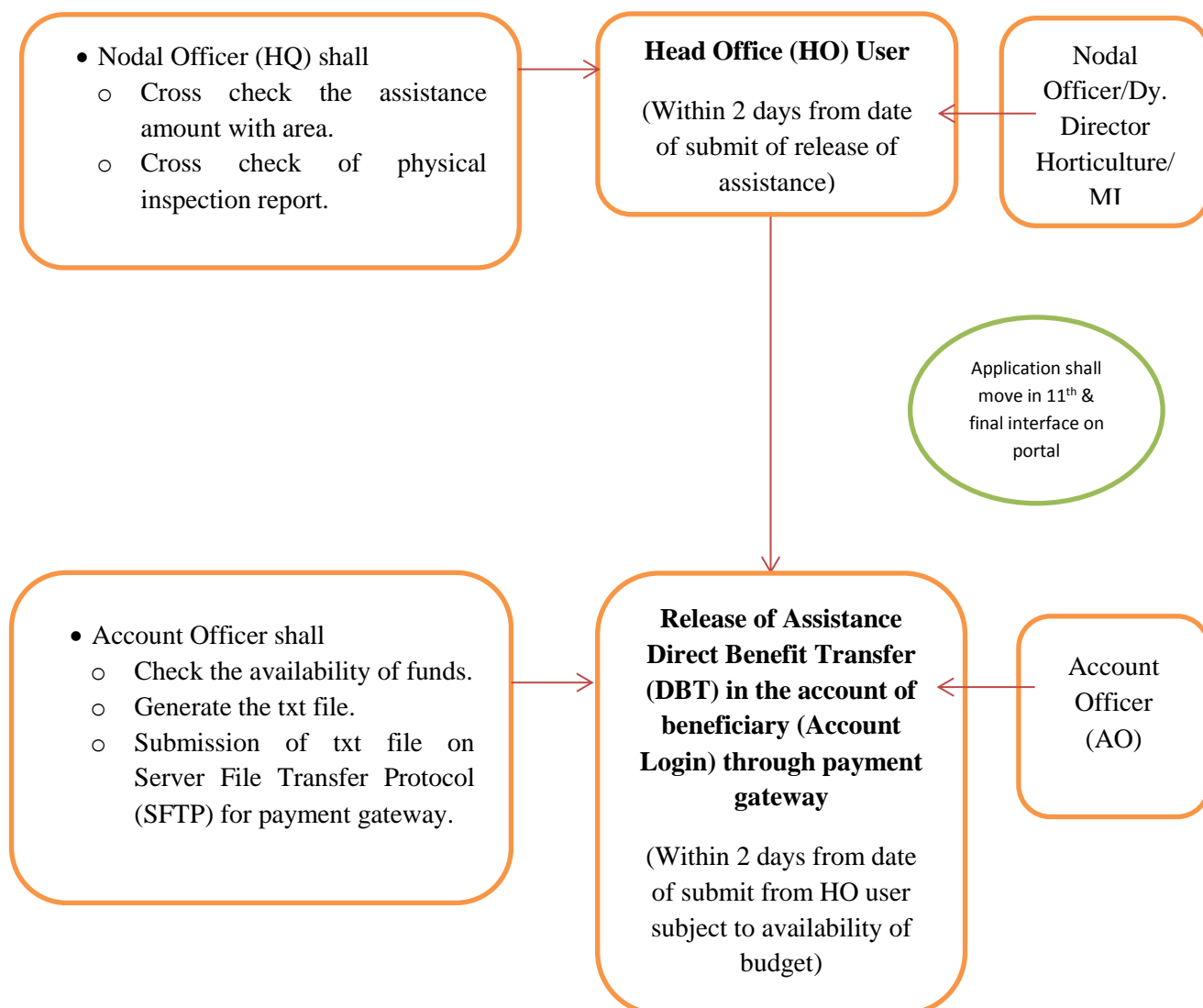
a. General, Backward Class, Other Backward Class, SCSP farmers & Women farmers

c) **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.









10. Empanelment of MI Firms

On the basis of e-tender regarding empanelment of micro irrigation firms for supply and installation micro irrigation system in the State L₁ to L₁₀ bidders are shortlisted for supply and installation of drip irrigation and mini sprinkler system individually.

1. **For Drip Irrigation** (inline and online)
2. **For Mini Sprinkler Irrigation**

The list is as under:

For Drip Irrigation (inline and online) System

S.N.	Name of MI Firm	Address	Name of contact person	Contact no.
1.	M/s Signet Industries Ltd	314/3, SDA Compound, Dewas Naka, Lasuria Mori, Indore-452001, aryanpatel181@gmail.com	Mr. Sishupal	08950476007
2.	M/s Captain Polyplast	267, Plot No. 10A, 10B & 11, NH No. 27, Shapar (Veraval) Distt. Rajkot-360 024 (GUJRAT) rajkot@captainpolyplast.in , info@captainpolyplast.in	Mr. Chander Pal	09909035390, 09909035391
3.	M/s Jain Irrigation Systems Ltd	Jain Plastic Park, N H No.-6, Jalagon-425001, M.H. jainharyana@jains.com , jisl@jains.com	Mr. S. N. Singh	09416400201
4.	M/s Dinesh Irrigation Private Ltd	86B & 86B-II, Jhotwara Ind. Area, Jaipur-302012 Rajasthan, dineshirrigation@gmail.com , sales@dineshirrigation.com	Mr. Sudesh Pal	09878423930
5.	M/s EPC Industries Ltd	Plot No. 109, MIDC AMBAD Nashik-422010, Maharashtra, India, Regional office- Plot no. 2, Industrial Area Phase-9, S.A.S. Nagar, Mohali-160062 baljeetsingh.gill@epcind.com , info@epcind.com , Mohali@epcind.com	Mr. Ranveer Malhotra	07837460067
6.	M/s Netafim Irrigation India Pvt. Ltd.	Regd. Office 268-270 & 271-B, G.I.D.C., ManjusarSavli, Distt. Vadodara-391775, Gujrat Ph No. 02667264601 sushil.kumar@netafim-india.com	Mr. Sushil Kumar	09582596704
7.	M/s Harvel Agua India Pvt. Ltd	301-304, Meghdoot Place, New Delhi-110019, azud.india@azud.com	Mr. Arvind K Pathak	09216297029
8.	M/s FinolexPlasson India Pvt Ltd	P-14, Ivth Floor, Rajiv Gandhi Infotech Park, Phase-1, MIDC, Hingewadi, Pune, finolexplasson@fpil.in	Mr. A. P. Singh	08146660606
9.	M/s Rivulis Irrigation India Pvt. Ltd	6742 Block No. 593/B, Village: Vadu, Taluka: Padra, Padra-Jambusar Road Vadodara-391440 Ph. 912662670000	Mr. Vikarmaditya Verma	09896193515

For Mini Sprinkler System

S.N.	Name of MI Firm	Address	Name of contact person	Contact no.
1.	M/s Kargil Pipes	Mahendragarh, Mb No. 9416078559, kargilsales@gmail.com	Mr. Sunil Kumar	09416078559 09896078559
2.	M/s Pioneer Plastic Industries Ltd	A-135, Okhla Industrial Area, Phase-II, New Delhi-110020, Tel. No. 011-40779900, pioneer_accounts@yahoo.com	Mr. Sanjay Rana	09810417329
3.	M/s Purma Plast Private Ltd	Plot No. B-494, RIICO Industrial Area, Phase -I, Bhiwadi-301019, Alwar, Rajasthan. Ph. 01493-223436, info@purmapipes.com	Mr. Sanjay Indoria	09711008337

4.	M/s Captain Polyplast Ltd	267, Plot No. 10A, 10B & 11, NH No. 27, Shapar (Veraval) Distt. Rajkot-360 024 (GUJRAT) Tel. 02827 253006, Mob. No. 09909035390, 09909035391, E-mail : rajkot@captainpolyplast.in , info@captainpolyplast.in	Mr. Chander Pal	09909035390, 09909035391
5.	M/s Sagar Polytechnic Ltd	Plot no. 2819-2826, Lodhika G.I.D.C, Kalawad road, Metoda, Gujrat. Ph. No. 07698012400	Mr. Balbhadra Jadeja	07698012400
6.	M/s Dinesh Irrigation Private Ltd	Plot no. 2819-2826, Lodhika G.I.D.C, Kalawad road, Metoda, Gujrat. Ph. No. 07698012400		
7.	M/s Netafim Irrigation India Pvt. Ltd.	Regd. Office 268-270 & 271-B, G.I.D.C., ManjusarSavli, Distt. Vadodara-391775, Gujrat Ph No. 02667264601 sushil.kumar@netafim-india.com	Mr. Sushil Kumar	09582596704
8.	M/s Jain Irrigation Systems Ltd	Jain Plastic Park, N H No.-6, Jalagon-425001, M.H. jainharyana@jains.com, jisl@jains.com	Mr. S. N. Singh	09416400201
9.	M/s Harvel Agua India Pvt. Ltd	301-304, Meghdoot Place, New Delhi-110019, azud.india@azud.com	Mr. Arvind K Pathak	09216297029

11. Terms & Conditions for MI Work Execution

a) Obligations of farmer

- i. Farmers can apply (without login password) on 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:
 - Personal information
 - Land details
 - Aadhaar No., Bank details
- iii. Farmer has to select the vendor as per his choice from list of empaneled MI firms.
- iv. Farmer to supply documents like Land Record with Khasra No, land map, soil & water testing report, Aadhaar card, Ration Card & application form.

b) Assistance pattern & rates

- i. Assistance is permissible only on compulsory items installed in micro irrigation system. Further, it is intimated that subsidy/assistance shall not be provided on optional components. If farmer install optional components in their field then he have to bear the total cost of optional component installed.

- ii. Farmer is free to negotiate the rate with manufacturer/firm. The negotiation of rates can be in the form of percent discount on the cost of system.

c) Conditions & Obligations of MI firm

- i. The MI firm should be a Manufacturer of at least laterals & emitters conforming to BIS standards for online drip irrigation systems & emitting pipes for inline drip irrigation system.
- ii. The MI firm should be a Manufacturer of at least laterals & mini sprinkler conforming to BIS standards for mini sprinkler systems or in case of manufacturer of mini sprinkler; bidder should have MOU with manufacturer of mini sprinklers.
- iii. The manufacture shall have to emboss its name on pipes/laterals at spacing of every five meter length.
- iv. The firms/companies will provide GPS device reading for co-ordinates of each installation along with the design map.
- v. The empaneled company will supply the BIS marked material.
- vi. Report of manufacturing of material in the factory and supply to Haryana State under PMKSY will be furnished by the firm as and when it may be asked.
- vii. The material should be supplied directly by the manufacturers or their authorized distributors/dealers. In all cases, the manufacturers must authenticate the invoices.
- viii. For checking of quality of material during sampling of MI components, the cost of sample testing shall be borne by firm itself.
- ix. The empaneled firm shall take the responsibility in case of any dispute arising from the supply of product used in MI system through their distributor or dealer.
- x. Any further inclusion of dealer/distributor departmental permission is mandatory. The dealer/distributor that has not TIN/RST/CST No. will not be entertained.
- xi. The firm/ company must provide free after sales service to the farmers for at least three years from the date of vendor bill/installation of Micro Irrigation (MI) systems. Moreover, they should set up service centres for providing technological and agronomic support at the grass root level.
- xii. The firms/manufacturers should provide detailed operational & maintenance manuals in the vernacular language at the time of installation of the system and provide proper orientation for the operation and maintenance of drip/sprinkler irrigation systems and one copy of above shall be provided to Department at HQ also.
- xiii. Manufacturer must have qualified engineers for estimation and designing, technical guidance to the farmers.
- xiv. Firm/company declared by Govt. of Haryana to be ineligible to participate for corrupt, fraudulent or any other unethical business practices shall not be eligible during the period for which such ineligibility is declared.
- xv. Breach of general or specific instructions for bidding, general and special conditions of contract with Govt. of Haryana may attract a proceeding to

declare a firm/company ineligible for a certain period or certain number of consecutive tender calls

d) Bank Guarantee for empanelment

- i. The empanelled firm has to maintain its bank guarantee of Rs. 10.00 Lakh with Director General Horticulture, Haryana for a period of three years from the date of empanelment. Further, the firm have to submit above bank guarantee of Rs. 10.00 Lakh within 15 days from the date of issuance of empanelment letter along with list of authorized signatory & user manual guide for which firm has been empanelled.

e) Penalty in case of non-performance

i. Non-performance by the firm in the 1st three months

In case the empaneled firm does not execute (installation of MIS) work of minimum Rs. 10 lakh in the first three month during the empanelment period, then its empanelment shall be cancelled & next waiting list firm shall be considered for empanelment.

ii. Non-performance by the firm in the first year

Further, in case the empaneled firm does not execute (installation of MIS) work of minimum Rs. 50 lakh in the first year during the empanelment period, then its empanelment shall not be renewed in the next year and next waiting list firm shall be considered for empanelment.

iii. Non-compliance of terms of empanelment

- 1) In case of non-compliance of terms, firm empanelment will be cancelled and its empanelment fee & BG will be revoked.
 - 2) After 20 wrong installation intimation of MIS, said firm shall be blacklisted & Bank Guarantee shall be revoked.
 - 3) For each wrong installation intimation, firm have to pay Rs. 2500/- per case for re-inspection as penalty charges.
- iv. The empanelment of MI firm shall be cancelled in case of violation of guidelines and instructions issued by Govt. of India and Director General Horticulture, Haryana.
 - v. Any ambiguity/mistake noticed in empanelment may be represented for reconsideration and further necessary action.
 - vi. All disputes of differences relating to empanelment of firms shall be referred for arbitration to the Director General Horticulture, Haryana, whose decision shall be final and binding on all the parties. If the matter is not referred for arbitration within the specified period, all the rights and claims under the contract shall be deemed to have been forfeited and absolutely barred.
 - vii. All disputes relating to empanelment of firms will be settled within the jurisdiction of court at Panchkula.

f) Obligations of department (Interface wise)

- **HDO Extension 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 & 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**
 - 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/NABCONS 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.
- **DHO shall**
 - 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.

12. Annual Action Plan 2016-17

Per Drop More Crop (PMKSY) AAP : 2016-17							
COMPONENTWISE SUMMARY							
	Component	Physical (Ha.)	GOI Share (₹ in lac)	State Share (₹ in lac)	Admn. Cost @ 5% on GOI (₹ in lac)	Total GOI Share including Admn. Cost (₹ in lac)	Total Assistance (₹ in lac)
a	Horticulture Crops						
	Drip	5400	1205.68	1409.11	60.28	1265.97	2675.08
	Mini Sprinkler	9830	2446.92	2904.47	122.35	2569.27	5473.74
	Training to farmers		10.50			10.50	10.50
	Sub Total	15230	3663.11	4313.58	182.63	3845.74	8159.32
	Salary & allow.			119.00			119.00
	Total	15230	3663.11	4432.58	182.63	3845.74	8278.32
b	Agriculture Crops						
	Drip	2470	796.50	901.50	39.83	836.33	1737.83
	Portable Sprinkler	7500	508.03	559.19	25.40	533.43	1092.62
	Total	9970	1304.53	1460.69	65.23	1369.76	2830.45
	G.Total (a+b)	25200	4967.64	5893.27	247.86	5215.49	11108.76

Annual Action Plan on 60:40 (Centre:State) share with following assistance norms:

	Farmer Category	GOI subsidy share (60%)	Mandatory State subsidy share (40%)	State addl. Subsidy share (15%)	Total State subsidy %	Total Subsidy (GOI + State) % (General Farmers)	Total Subsidy (GOI + State) % (SCSP Farmers)
	Small & Marginal	1	2	3	4=(2+3)	5=(1+4)	6=(5+15%)
a	DDP/DPAP	36	24	15	39	75	90
b	Non-DDP/DPAP	27	18	15	33	60	75
	Other General						
a	DDP/DPAP	27	18	15	33	60	75
b	Non-DDP/DPAP	21	14	15	29	50	65

Per Drop More Crop (PMKSY) AAP : 2016-17							
Total District wise physical Summary: Horticultural Crops							
Sr. No	District	Drip		Mini Sprinkler		Total physical target	
		Bene. (no.)	Area (Ha.)	Bene. (no.)	Area (Ha.)	Bene. (no.)	Area (Ha.)
1	Ambala	340	276	125	100	465	376
2	Bhiwani	559	431	1600	1281	2159	1712
3	Faridabad	51	30	60	60	111	90
4	Fatehabad	437	489	47	47	484	536
5	Gurgaon	352	252	387	348	739	600
6	Hisar	743	743	350	355	1093	1098
7	Jhajjar	181	154	500	484	681	638
8	Jind	399	369	200	200	599	569
9	Kaithal	126	94	485	488	611	582
10	Karnal	184	139	625	500	809	639
11	Kurukshetra	55	55	530	520	585	575
12	M.Garh	268	235	2000	1450	2268	1685
13	Mewat	307	282	1100	850	1407	1132
14	Palwal	40	40	101	101	141	141
15	Panchkula	108	108	50	50	158	158
16	Panipat	178	153	800	656	978	809
17	Rewari	191	170	1600	1130	1791	1300
18	Rohtak	239	225	550	387	789	612
19	Sirsa	912	879	200	127	1112	1006
20	Sonepat	207	202	420	420	627	622
21	Yamunanagar	83	74	209	276	292	350
	Total	5960	5400	11939	9830	17899	15230

Per Drop More Crop (PMKSY) AAP : 2016-17

Total District wise Financial Summary : Horticultural Crops (amount in ₹ lacs)										
S. N.	District	Drip		Mini Sprinkler		Total Share as subsidy to farmers		Administrative cost @ 5% on GOI share	Total GOI Share including Administrative cost	Total assistance
		GOI Share	State Share	GOI Share	State Share	GOI Share	State Share	GOI- Admn. Cost	Total GOI Share	
1	Ambala	56.19	70.51	21.73	27.26	77.92	97.78	3.90	81.81	179.59
2	Bhiwani	101.34	113.65	367.99	409.04	469.33	522.69	23.47	492.80	1015.48
3	Faridabad	6.51	8.18	13.04	16.36	19.54	24.54	0.98	20.52	45.06
4	Fatehabad	106.98	119.50	13.50	15.00	120.48	134.51	6.02	126.50	261.01
5	Gurgaon	52.02	65.44	75.61	94.88	127.63	160.32	6.38	134.01	294.33
6	Hisar	204.02	226.72	102.06	113.41	306.08	340.12	15.30	321.38	661.51
7	Jhajjar	38.57	42.84	137.72	153.67	176.29	196.51	8.81	185.10	381.61
8	Jind	67.41	84.59	43.45	54.53	110.86	139.12	5.54	116.41	255.53
9	Kaithal	17.06	21.42	106.02	133.05	123.09	154.47	6.15	129.24	283.71
10	Karnal	28.84	36.27	108.63	136.32	137.47	172.59	6.87	144.35	316.94
11	Kurukshetra	13.01	16.33	112.98	141.77	125.98	158.10	6.30	132.28	290.38
12	M.Garh	70.88	78.76	412.16	460.08	483.04	538.84	24.15	507.19	1046.03
13	Mewat	63.62	79.94	160.39	232.17	224.01	312.11	11.20	235.21	547.32
14	Palwal	6.40	8.03	21.96	27.55	28.35	35.57	1.42	29.77	65.34
15	Panchkula	21.29	27.91	10.29	13.55	31.58	41.46	1.58	33.16	74.62
16	Panipat	34.37	43.13	142.52	178.85	176.90	221.98	8.84	185.74	407.72
17	Rewari	44.78	49.76	325.12	361.16	369.90	410.92	18.49	388.39	799.31
18	Rohtak	52.76	66.22	84.07	105.50	136.82	171.72	6.84	143.66	315.38
19	Sirsa	172.96	191.33	36.50	40.56	209.46	231.90	10.47	219.93	451.83
20	Sonepat	36.99	46.43	91.25	114.51	128.24	160.94	6.41	134.65	295.59
21	Yamunanagar	9.67	12.14	59.96	75.25	69.63	87.39	3.48	73.11	160.51
	Total	1205.68	1409.11	2446.92	2904.47	3652.61	4313.58	182.63	3835.24	8148.82

Per Drop More Crop (PMKSY) AAP : 2016-17							
District wise physical Summary: Agricultural Crops							
S.N.	District	Drip		Portable Sprinkler		Total physical target	
		Bene. (no.)	Area (Ha.)	Bene. (no.)	Area (Ha.)	Bene. (no.)	Area (Ha.)
1	Bhiwani	200	400	600	1800	800	2200
2	Fatehabad	75	150			75	150
3	Hisar	170	340	300	900	470	1240
4	Sirsa	175	350			175	350
5	Jhajjar	35	70	200	600	235	670
6	Jind	70	140			70	140
7	Rohtak	35	60			35	60
8	Sonepat	15	30			15	30
9	Karnal	100	200			100	200
10	K/shetra	25	50			25	50
11	Kaithal	100	200			100	200
12	Panipat	25	50			25	50
13	M/garh	15	30	400	1200	415	1230
14	Palwal	10	20			10	20
15	Rewari	50	100	600	1800	650	1900
16	Mewat	50	100	400	1200	450	1300
17	Ambala	15	30			15	30
18	Yamunanagar	75	150			75	150
	Total	1240	2470	2500	7500	3740	9970

Per Drop More Crop (PMKSY) AAP : 2016-17												
District wise Financial Summary : Agricultural Crops (amount in ₹ lacs)												
S. N.	District	Drip		Portable Sprinkler		Total Share as subsidy to farmers		Administrative cost @ 5% on GOI share		Total Share including Administrative cost	GOI	Total assistance
		GOI Share	State Share	GOI Share	State Share	GOI Share	State Share	GOI- Cost	Admn.	Total Share	GOI	
1	Bhiwani	144.00	156.00	127.01	137.59	271.01	293.59		13.55		284.56	578.15
2	Fatehabad	54.00	58.50			54.00	58.50		2.70		56.70	115.20
3	Hisar	122.40	132.60	63.50	68.80	185.90	201.40		9.30		195.20	396.60
4	Sirsa	126.00	136.50			126.00	136.50		6.30		132.30	268.80
5	Jhajjar	25.20	27.30	42.34	45.86	67.54	73.16		3.38		70.91	144.08
6	Jind	37.80	46.20			37.80	46.20		1.89		39.69	85.89
7	Rohtak	16.20	19.80			16.20	19.80		0.81		17.01	36.81
8	Sonepat	8.10	9.90			8.10	9.90		0.41		8.51	18.41
9	Karnal	54.00	66.00			54.00	66.00		2.70		56.70	122.70
10	K/shetra	13.50	16.50			13.50	16.50		0.68		14.18	30.68
11	Kaithal	54.00	66.00			54.00	66.00		2.70		56.70	122.70
12	Panipat	13.50	16.50			13.50	16.50		0.68		14.18	30.68
13	M/garh	10.80	11.70	84.67	91.73	95.47	103.43		4.77		100.25	203.67
14	Palwal	5.40	6.60			5.40	6.60		0.27		5.67	12.27
15	Rewari	36.00	39.00	127.01	137.59	163.01	176.59		8.15		171.16	347.75
16	Mewat	27.00	33.00	63.50	77.62	90.50	110.62		4.53		95.03	205.65
17	Ambala	8.10	9.90			8.10	9.90		0.41		8.51	18.41
18	Y/nagar	40.50	49.50			40.50	49.50		2.03		42.53	92.03
	Total	796.50	901.50	508.03	559.19	1304.53	1460.69		65.23		1369.76	2830.45

Applicable Price/rates of compulsory components of Drip Irrigationfor 2016-17													
					NETAFIM IRRIGATION INDIA PVT LTD -	SIGNET INDUSTRI ES LTD -	Rivulis Irrigation India Private Limited -	Jain Irrigation Systems Limited -	Finolex Plasson Industries Pvt.Ltd. -	CAPTAIN POLYPLAST LIMITED -	Harvel Agua India Private Limited -	DINESH IRRIGATION PVT LTD -	EPC Industrie Ltd -
S.N	Component Name	Specifications	BIS Code	Unit	Unit Rate	Unit Rate	Unit Rate	Unit Rate	Unit Rate	Unit Rate	Unit Rate	Unit Rate	Unit Rate
	Compulsory Items												
1	AIR RELEASE VALVE 1"	As Specified	As Specified	No.	200	200.00	200.00	207.90	207.90	190.00	207.90	207.90	118.00
2	AIR RELEASE VALVE 1.5"	As Specified	As Specified	No.	220	450.00	450.00	361.00	249.00	200.00	530.00	370.00	463.00
3	By pass Assembly 1.5"	Metal	As Specified	No.	400	850.96	800.00	850.96	850.96	850.96	850.96	850.96	377.00
4	By pass Assembly 2"	Metal	As Specified	No.	450	987.98	987.98	987.98	987.98	924.89	987.98	987.98	469.00
5	By pass Assembly 2.5"	Metal	As Specified	No.	500	2000.00	2050.00	3280.00	2597.00	939.95	2500.00	1700.00	450.00
6	Control Valve 63mm	PVC	As Specified	No.	395	400.00	500.00	569.00	574.00	425.00	495.00	405.00	335.00
7	Control Valve 75mm	PVC	As Specified	No.	615	450.00	775.00	923.20	849.00	525.00	644.00	505.00	660.00
8	Control Valve 90mm	PVC	As Specified	No.	690	650.00	1250.00	1340.00	1200.00	675.00	1340.00	805.00	1200.00
9	Emitting Pipe 16 mm	class II (0.3 m x 1 to 4 lph) (PC)	13488	M	15.80	16.00	18.00	16.20	18.00	14.36	17.80	16.20	17.80
10	Emitting Pipe 16 mm	class II (0.4m x 1 to 4 lph) (PC)	13488	M	15.30	15.00	16.00	14.80	16.73	13.49	15.63	15.76	16.73
11	Emitting Pipe 16 mm	class II (0.3 m x 1 to 4 lph) (NPC)	13488	M	12.00	10.50	12.95	11.30	12.30	10.88	12.00	11.65	11.80
12	Emitting Pipe 16 mm	class II (0.4m x 1 to 4 lph) (NPC)	13488	M	11.70	10.30	12.50	11.10	12.00	10.75	12.66	11.45	11.50
13	Emitters	4/8 lph (PC)	13487	No.	3.5	4.50	4.86	2.80	4.86	3.40	4.86	4.26	4.40
14	Emitters	4/8 lph (NPC)	13487	No.	3.00	2.80	3.10	2.30	3.00	2.54	3.00	2.60	2.80
15	Flush valve 63mm	As Specified	As Specified	No.	75	44.00	65.00	74.35	74.80	71.19	70.00	75.00	65.00
16	Flush valve 75mm	As Specified	As Specified	No.	80	44.00	85.00	103.90	104.80	82.55	94.00	105.00	75.00
17	Lateral 16mm	2.5kg/cm2	12786	M	9.70	9.00	8.50	8.05	9.35	8.72	9.00	9.00	9.38
18	PVC PIPE 63MM;	4KG/CM2	4985	M	55.66	55.00	55.66	49.00	55.30	52.45	55.66	55.33	55.66
19	PVC PIPE 75MM;	4KG/CM2	4985	M	66.00	66.00	66.00	66.00	66.00	66.00	66.00	66.00	66.00
20	PVC PIPE 90MM;	4KG/CM2	4985	M	96.00	96.00	96.00	96.00	96.00	96.00	96.00	96.00	96.00
21	HDPE PIPE 63MM;	4KG/CM2	14151-PART-I	M	68.00	96.72	95.00	96.50	96.72	92.59	96.72	96.72	96.72
22	HDPE PIPE 75MM;	4KG/CM2	14151-PART-I	M	88.00	137.56	137.56	137.50	137.56	131.72	137.56	130.00	137.56
23	HDPE PIPE 90MM;	4KG/CM2	14151-PART-I	M	95.00	196.64	196.64	196.00	196.64	188.04	196.64	192.83	196.64
24	SCREEN FILTER	10M3 / hr	12785	No.	1200	2018.56	2018.56	1658.00	1498.00	1892.79	1511.00	1300.00	1375.00
25	SCREEN FILTER	30M3 / hr	12785	No.	2673.98	2673.98	2673.98	2673.98	2673.98	2673.98	2673.98	2673.98	2673.98
26	SCREEN FILTER	25M3 / hr	12785	No.	2700	2750.00	3592.00	2310.00	3592.00	2745.36	2950.00	2800.00	2465

Applicable Price/rates of compulsory components of Mini Sprinkler for 2016-17

S.N	Component Name	Specifications	BIS Code	Unit	NETAFIM IRRIGATION INDIA PVT LTD -	Kargil Pipes -	Purma Plast Pvt. Ltd. -	Jain Irrigation Systems Limited -	SAGAR POLYTEC HNIK LTD	CAPTAIN POLYPLA ST LIMITED -	PIONEER PLASTIC INDUSTRI ES	Harvel Agua India Private	DINESH IRRIGATION PVT LTD -
	Compulsory Items												
1	PVC PIPE 75MM	Class 2 ; 4KG/CM2	4985:2000	M	66.00	66.00	66.00	66.00	66.00	66.00	66.00	66.00	66.00
2	PVC PIPE 90MM	Class 2 ; 4KG/CM2	4985:2000	M	96.00	89.50	90.00	96.00	96.00	96.00	90.00	96.00	96.00
3	HDPE PIPE 75MM	Class III ; 4KG/CM2	14151-PART-I	M	88.00	84.50	88.00	137.00	127.00	131.72	88.00	137.56	130.00
4	HDPE PIPE 90MM	Class III ; 4KG/CM2	14151-PART-I	M	95.00	99.50	120.00	196.00	179.00	188.04	120.00	196.64	192.83
5	HDPE PIPE 75MM	Class 1 ; 2.5KG/CM2	14151-PART-I	M	85.00	74.50	61.00	106.51	83.00	86.67	61.00	97.00	103.00
6	HDPE PIPE 90MM	Class 1 ; 2.5KG/CM2	14151-PART-I	M	118.00	95.50	81.00	132.43	110.00	113.33	81.00	128.00	130.00
7	Lateral 25mm	Class2; 2.5kg/cm2	12786	M	25.00	22.50	22.00	24.61	22.50	21.80	22.00	25.18	24.00
8	Lateral 32mm	Class2; 2.5kg/cm2	12786	M	32.00	27.50	28.00	33.25	33.28	31.77	28.00	33.00	33.00
9	Mini Sprinkler Complete Assembly	full circle	IS 12232 (Part1):1996 & (Part2): 1987	No.	250.00	174.00	225.00	199.00	200.00	223.60	225.00	249.00	251.00
10	Mini Sprinkler Complete Assembly	half circle	IS 12232 (Part1):1996 & (Part 2): 1987	No.	260.00	199.00	235.00	267.00	275.00	242.37	235.00	292.00	280.00
11	Control Valve 75mm	PVC	As Specified	No.	615.00	750.00	800.00	923.20	325.00	525.00	800.00	644.00	505.00
12	Control Valve 25mm	PVC/PP	As Specified	No.	85.00	64.00	77.00	174.00	160.00	90.00	77.00	150.00	85.00
13	Control Valve 32mm	PVC/PP	As Specified	No.	95.00	74.00	85.00	198.00	200.00	124.96	85.00	145.00	105.00
14	Flush valve75mm	As Specified	As Specified	No.	80.00	79.00	85.00	103.90	55.00	82.55	85.00	94.00	105.00

Applicable prices/rates of optional components of Mini Sprinkler for 2016-17

					8	1	3	9	5	4	2	10	6
SN	Optional Items	Specifications	BIS Code		Netafim	Kargil	Purma	Jain	Sagar	Captain	Pioneer	Harvel	Dinesh
1	Air Release valve 1"	As Specified	As Specified	No.	200.00	200.00	200.00	207.90	200.00	190.00	200.00	207.90	207.90
2	Non Return valve 1.5"	Metal	778	No.	550.00	700.00	750.00	788.86	788.86	788.86	750.00	788.86	715.00
3	Non Return valve 2.5"	Metal	778	No.	550.00	800.00	800.00	1075.92	1075.92	1075.92	800.00	1075.92	975.00
4	By pass Assembly 1.5"	Metal	As Specified	No.	400.00	500.00	700.00	850.96	850.96	850.96	700.00	850.96	850.96
5	By pass Assembly 2"	Metal	As Specified	No.	450.00	600.00	700.00	987.98	987.98	924.89	700.00	987.98	987.98
6	SCREEN FILTER	30M3 / hr	12785	No.	2673.98	2500.00	2025.00	2673.98	2500.00	2673.98	2025.00	2673.98	2673.98
7	Venturi Injector Assembly 1"	As Specified	As Specified	No.	1217.40	1100.00	1050.00	1217.40	1217.40	1217.40	1050.00	1217.40	1217.40
8	Venturi Injector Assembly 1.5"	As Specified	As Specified	No.	1733.43	1400.00	1600.00	1733.43	1733.43	1521.00	1600.00	1733.43	1733.43
9	Venturi Injector Assembly 2"	As Specified	As Specified	No.	2309.00	1600.00	2000.00	2309.00	2000.00	2002.00	2000.00	2309.00	2309.00
10	MANIFOLD 1.5"	Metal	As Specified	No.	950.00	650.00	700.00	961.15	961.15	961.15	700.00	961.15	961.15
11	MANIFOLD 2.0"	Metal	As Specified	No.	1251.30	750.00	750.00	1251.30	1251.30	1251.30	750.00	1251.30	1251.30
12	MANIFOLD 2.5"	Metal	As Specified	No.	1666.00	850.00	900.00	1666.00	1666.00	1666.00	900.00	1666.00	1666.00
13	MANIFOLD 3.0"	Metal	As Specified	No.	2046.40	950.00	1000.00	2046.40	2046.40	2046.40	1000.00	2046.40	2046.40

Applicable prices/rates of optional components of Drip Irrigation System for 2016-17

					5	3	10	9	8	1	7	2	6
SN	Optional Items	Specification	BIS Code		Netafim	Signet	Rivulis	Jain	Finolex	Captain	Harvel	Dinesh	EPC
1	Non Return Valve 1.5"	Metal	As Specified	No.	550.00	788.86	788.86	788.86	788.86	788.86	788.86	715.00	788.86
2	Non Return Valve 2"	Metal	778	No.	600.00	1220.03	1220.03	1220.03	1220.03	1220.03	1220.03	950.00	1220.03
3	Non Return Valve 2.5"	Metal	778	No.	650.00	1075.92	1075.92	1075.92	1075.92	1075.92	1075.92	1075.92	975.00
4	Sand Filter	25 m3/hr	14606	No.	15000.00	16389.56	16389.56	16389.56	16389.56	14550.00	16389.56	16389.56	16389.56
5	Hydro cyclone Filter	25 m3/hr	14743	No.	4350.00	4508.90	4000.00	4508.90	4508.90	3908.00	4508.90	4508.90	4508.90

14. Unit Cost and Assistance**ASSISTANCE AMOUNT ON UNIT COST UNDER PMKSY****Drip Irrigation**

Unit cost on the basis of GOI table for category A" State					
Lateral Spacing	Amount in Rupees				
	A. Wide Spaced Crops				
	1	2	3	4	5
10 m	18300	28100	43850	54550	70100
9 m	20900	33100	51425	64325	82150
8 m	23500	38100	59000	74100	94200
7 m	26100	43100	66575	83875	106250
6 m	28700	48100	74150	93650	118300
5 m	31300	53100	81725	103425	130350
4 m	33900	58100	89300	113200	142400
3 m	46150	83050	125550	166900	206950
2 m	58400	108000	161800	220600	271500

B. Closed Spaced Crops

1.2 m	85400	161300	243400	332800	412800
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Assistance table of drip irrigation system for wide spaced crops (DPAP Area) General Farmer

Lateral spacing	Amount in Rs.									
	A. Wide spaced crops									
	Small & Marginal	Other General	Small & Marginal	Other General	Small & Marginal	Other General	Small & Marginal	Other General	Small & Marginal	Other General
10 m	13725	10980	21075	16860	32888	26310	40913	32730	52575	42060
9 m	15675	12540	24825	19860	38569	30855	48244	38595	61613	49290
8 m	17625	14100	28575	22860	44250	35400	55575	44460	70650	56520
7 m	19575	15660	32325	25860	49931	39945	62906	50325	79688	63750
6 m	21525	17220	36075	28860	55613	44490	70238	56190	88725	70980
5 m	23475	18780	39825	31860	61294	49035	77569	62055	97763	78210
4 m	25425	20340	43575	34860	66975	53580	84900	67920	106800	85440
3 m	34613	27690	62288	49830	94163	75330	125175	100140	155213	124170
2 m	43800	35040	81000	64800	121350	97080	165450	132360	203625	162900

Assistance table of drip irrigation system for close spaced crops (DPAP Area) General Farmer

Lateral spacing	Amount in Rs.									
	A. Wide spaced crops									
	Small & Marginal	Other General	Small & Marginal	Other General	Small & Marginal	Other General	Small & Marginal	Other General	Small & Marginal	Other General
1.2 m	64050	51240	120975	96780	182550	146040	249600	199680	309600	247680

Assistance table of drip irrigation system for wide spaced crops (Non-DPAP Area) General Farmer										
Lateral spacing	Amount in Rs.									
	A. Wide spaced crops									
	Small & Marginal	Other General	Small & Marginal	Other General	Small & Marginal	Other General	Small & Marginal	Other General	Small & Marginal	Other General
10 m	10980	9150	16860	14050	26310	21925	32730	27275	42060	35050
9 m	12540	10450	19860	16550	30855	25713	38595	32163	49290	41075
8 m	14100	11750	22860	19050	35400	29500	44460	37050	56520	47100
7 m	15660	13050	25860	21550	39945	33287.5	50325	41937.5	63750	53125
6 m	17220	14350	28860	24050	44490	37075	56190	46825	70980	59150
5 m	18780	15650	31860	26550	49035	40863	62055	51713	78210	65175
4 m	20340	16950	34860	29050	53580	44650	67920	56600	85440	71200
3 m	27690	23075	49830	41525	75330	62775	100140	83450	124170	103475
2 m	35040	29200	64800	54000	97080	80900	132360	110300	162900	135750

Assistance table of drip irrigation system for close spaced crops (Non-DPAP Area) General Farmer										
Lateral spacing	Amount in Rs.									
	A. Wide spaced crops									
	Small & Marginal	Other General	Small & Marginal	Other General	Small & Marginal	Other General	Small & Marginal	Other General	Small & Marginal	Other General
1.2 m	51240	42700	96780	80650	146040	121700	199680	166400	247680	206400

Assistance table of drip irrigation system for wide spaced crops (DPAP Area) SCSP Farmer										
Lateral spacing	Amount in Rs.									
	A. Wide spaced crops									
	Small & Marginal	Other General	Small & Marginal	Other General	Small & Marginal	Other General	Small & Marginal	Other General	Small & Marginal	Other General
10 m	16470	13725	25290	21075	39465	32887.5	49095	40912.5	63090	52575
9 m	18810	15675	29790	24825	46282.5	38568.75	57892.5	48243.75	73935	61612.5
8 m	21150	17625	34290	28575	53100	44250	66690	55575	84780	70650
7 m	23490	19575	38790	32325	59917.5	49931.25	75487.5	62906.25	95625	79687.5
6 m	25830	21525	43290	36075	66735	55612.5	84285	70237.5	106470	88725
5 m	28170	23475	47790	39825	73552.5	61293.75	93082.5	77568.75	117315	97762.5
4 m	30510	25425	52290	43575	80370	66975	101880	84900	128160	106800
3 m	41535	34612.5	74745	62287.5	112995	94162.5	150210	125175	186255	155212.5
2 m	52560	43800	97200	81000	145620	121350	198540	165450	244350	203625

Assistance table of drip irrigation system for close spaced crops (DPAP Area) SCSP Farmer										
Lateral spacing	Amount in Rs.									
	A. Wide spaced crops									
	Small & Marginal	Other General	Small & Marginal	Other General	Small & Marginal	Other General	Small & Marginal	Other General	Small & Marginal	Other General
1.2 m	76860	64050	145170	120975	219060	182550	299520	249600	371520	309600

Assistance table of drip irrigation system for wide spaced crops (Non-DPAP Area) SCSP Farmer										
Lateral spacing	Amount in Rs.									
	A. Wide spaced crops									
	Small & Marginal	Other General	Small & Marginal	Other General	Small & Marginal	Other General	Small & Marginal	Other General	Small & Marginal	Other General
10 m	13725	11895	21075	18265	32887.5	28502.5	40912.5	35457.5	52575	45565
9 m	15675	13585	24825	21515	38568.75	33426.25	48243.75	41811.25	61612.5	53397.5
8 m	17625	15275	28575	24765	44250	38350	55575	48165	70650	61230
7 m	19575	16965	32325	28015	49931.25	43273.75	62906.25	54518.75	79687.5	69062.5
6 m	21525	18655	36075	31265	55612.5	48197.5	70237.5	60872.5	88725	76895
5 m	23475	20345	39825	34515	61293.75	53121.25	77568.75	67226.25	97762.5	84727.5
4 m	25425	22035	43575	37765	66975	58045	84900	73580	106800	92560
3 m	34612.5	29997.5	62287.5	53982.5	94162.5	81607.5	125175	108485	155212.5	134517.5
2 m	43800	37960	81000	70200	121350	105170	165450	143390	203625	176475

Assistance table of drip irrigation system for close spaced crops (Non-DPAP Area) SCSP Farmer										
Lateral spacing	Amount in Rs.									
	A. Wide spaced crops									
	Small & Marginal	Other General	Small & Marginal	Other General	Small & Marginal	Other General	Small & Marginal	Other General	Small & Marginal	Other General
1.2 m	64050	55510	120975	104845	182550	158210	249600	216320	309600	268320

Mini Sprinkler

Unit cost on the basis of GOI table for category A" State					
Particulars	Amount in Rupees				
	Area in Hectare, 10x10 m spacing				
	1	2	3	4	5
Unit cost	85200	159992	242949	312709	383071

Note: The depreciation in the unit cost of Mini Sprinkler is calculated on the basis of rate of depreciation shown in unit cost of Mini Sprinkler in the Guidelines of NMML.

Mini Sprinkler (DPAP)

Assistance table on the basis of Unit cost on the basis of GOI table for category A" State DPAP (General Farmers)										
Particulars	Amount in Rupees									
	Area in Hectare, 10x10 m spacing									
	1		2		3		4		5	
Assistance	63900	51120	119994	95995	182212	145769	234532	187625	287303	229843

Mini Sprinkler (Non-DPAP)

Assistance table on the basis of Unit cost on the basis of GOI table for category A" State Non-DPAP (General Farmers)										
Particulars	Amount in Rupees									
	Area in Hectare, 10x10 m spacing									
	1		2		3		4		5	
Assistance	51120	42600	95995	79996	145769	121475	187625	156355	229843	191536

Mini Sprinkler (DPAP)

Assistance table on the basis of Unit cost on the basis of GOI table for category A" State DPAP (SCSP Farmers)										
	Amount in Rupees									
Particulars	Area in Hectare, 10x10 m spacing									
	1		2		3		4		5	
Assistance	76680	63900	143993	119994	218654	182212	281438	234532	344764	287303

Mini Sprinkler (Non-DPAP)

Assistance table on the basis of Unit cost on the basis of GOI table for category A" State Non-DPAP (SCSP Farmers)										
	Amount in Rupees									
Particulars	Area in Hectare, 10x10 m spacing									
	1		2		3		4		5	
Assistance	63900	55380	119994	103995	182212	157917	234532	203261	287303	248996

15. Models**a. Drip Irrigation System (compulsory and optional items)**

Model of Drip Close Space: (1.2 X 0.3-0.4M) from 0.4 Ha to 1.0 ha										
S.N	Component Name	UNIT	Specification	0.4	0.5	0.6	0.7	0.8	0.9	1
A	Compulsory Items									
1	PVC PIPE 63MM; Class 2 ; 4KG/CM2	M	4985	72	78	84	96	144	150	156
2	PVC PIPE 75MM; Class 2 ; 4KG/CM2		4985	0	0	0	0	0	0	0
3	PVC PIPE 90MM; Class 2 ; 4KG/CM2		4985	0	0	0	0	0	0	0
4	Lateral 16mm Class2; 2.5kg/cm2	M	12786	50	70	80	90	100	110	125
5	Emitting Pipe 16 mm class II (0.3 to 0.4m x 1 to 4 lph) (NPC/PC)	M	13488	3367	4208	5049	5890	6734	7575	8417
6	Control Valve 75mm (PVC)	No.	As Specified	0	0	0	0	0	0	0
7	Control Valve 63mm (PVC)	No.	As Specified	2	2	2	3	3	3	3
8	Control Valve 90mm (PVC)	No.	As Specified	0	0	0	0	0	0	0
9	Flush valve 75mm	No.	As Specified	0	0	0	0	0	0	0
10	Flush valve 63mm	No.	As Specified	1	1	1	1	1	1	1
11	AIR RELEASE VALVE 1.5"	No.	As Specified	1	1	1	1	1	1	1
12	SCREEN FILTER 30M3 / hr	No.	12785	1	1	1	1	1	1	1
13	By pass Assembly 1.5"	No.	As Specified	1	1	1	1	1	1	1
14	By pass Assembly 2.0"	No.	As Specified	0	0	0	0	0	0	0
15	By pass Assembly 2.5"	No.	As Specified	0	0	0	0	0	0	0
16	VENTURI 1 "	No.	As Specified	1	1	1	1	1	1	1
17	MANIFOLD 1.5"	No.	As Specified	1	1	1	1	1	1	1
18	MANIFOLD 2.0"	No.	As Specified	0	0	0	0	0	0	0
19	MANIFOLD 2.5"	No.	As Specified	0	0	0	0	0	0	0
	Total A									
B	Optional Items									
1	Sand Filter 25 m3/hr	No.	14606	1	1	1	1	1	1	1
2	Non Return Valve 1.5"	No.	778	1	1	1	1	1	1	1
3	Hydrocyclone Filter 25 m3/hr	No.	14743	1	1	1	1	1	1	1

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Model of Drip Wide space: (6M X 6M) from 0.4 Ha to 1.0 ha										
S.NO	Component Name	UNIT	Specification	0.4	0.5	0.6	0.7	0.8	0.9	1
A	Compulsory Items									
1	PVC PIPE 63MM; Class 2 ; 4KG/CM2	M	4985	72	84	96	108	120	132	156
2	PVC PIPE 75MM; Class 2 ; 4KG/CM2	M	4985	0	0	0	0	0	0	0
3	PVC PIPE 90MM; Class 2 ; 4KG/CM2	M	4985	0	0	0	0	0	0	0
4	Lateral 16mm Class2; 2.5kg/cm2	M	12786	666	834	1002	1170	1332	1500	1667
5	Emitters 4/8 lph	No.	13487	445	556	667	778	890	1000	1111
6	Control Valve 75mm (PVC)	No.	As Specified	0	0	0	0	0	0	0
7	Control Valve 63mm (PVC)	No.	As Specified	3	3	3	3	3	3	3
8	Control Valve 90mm (PVC)	No.	As Specified	0	0	0	0	0	0	0
9	Flush valve 75mm	No.	As Specified	0	0	0	0	0	0	0
10	Flush valve 63mm	No.	As Specified	1	1	1	1	1	1	1
11	AIR RELEASE VALVE 1.0"	No.	As Specified	1	1	1	1	1	1	1
12	AIR RELEASE VALVE 1.5"	No.	As Specified	0	0	0	0	0	0	0
13	SCREEN FILTER 20/25M3 / hr	No.	12785	1	1	1	1	1	1	1
14	SCREEN FILTER 30M3 / hr	No.	12785	0	0	0	0	0	0	0
15	By pass Assembly 1.5"	No.	As Specified	1	1	1	1	1	1	1
16	By pass Assembly 2.0"	No.	As Specified	0	0	0	0	0	0	0
17	By pass Assembly 2.5"	No.	As Specified	0	0	0	0	0	0	0
18	VENTURI 1"	No.	As Specified	1	1	1	1	1	1	1
19	MANIFOLD 1.5"	No.	As Specified	1	1	1	1	1	1	1
20	MANIFOLD 2.0"	No.	As Specified	0	0	0	0	0	0	0
21	MANIFOLD 2.5"	No.	As Specified	0	0	0	0	0	0	0
	Total A									
B	Optional Items									
1	Non Return valve 1.5" (optional)	No.	778	1	1	1	1	1	1	1
2	Sand Filter 25 m3/hr	No.	14606	1	1	1	1	1	1	1
3	Hydrocyclone Filter 25 m3/hr	No.	14743	1	1	1	1	1	1	1

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Model of Drip Wide space: 1 ha. (9M X 9M)				
S.NO	Component Name	UNIT	Quantity	Specification
A	Compulsory Items			
1	PVC PIPE 63MM; Class 2 ; 4KG/CM2	M	156	4985
2	Lateral 16mm Class2; 2.5kg/cm2	M	1111	12786
3	Emitters 4/8 lph	No.	494	13487
4	Control Valve 63mm (PVC)	No.	1	As Specified
5	Flush valve 63mm	No.	1	As Specified
6	AIR RELEASE VALVE 1"	No.	1	As Specified
7	SCREEN FILTER 10M3 / hr	No.	1	12785
8	By pass Assembly 1.5"	No.	1	As Specified
9	VENTURI & MANIFOLD 1.5"	No.	1	As Specified
	Total A			
B	Optional Items			
1	Non Return valve 1.5" (optional)	No.	1	778
2	Sand Filter 25 m3/hr	No.	1	14606
3	Hydrocyclone Filter 25 m3/hr	No.	1	14743

Model of Drip Wide space: 2 ha. (9M X 9M)				
S.NO	Component Name	UNIT	Quantity	Specification
A	Compulsory Items			
1	PVC PIPE 63MM; Class 2 ; 4KG/CM2	M	150	4985
2	PVC PIPE 75MM; Class 2 ; 4KG/CM2	M	80	4985
3	Lateral 16mm Class2; 2.5kg/cm2	M	2350	12786
4	Emitters 4/8 lph	No.	1000	13487
5	Control Valve 63mm (PVC)	No.	1	As Specified
6	Flush valve 63mm	No.	1	As Specified
7	AIR RELEASE VALVE 1"	No.	1	As Specified
8	SCREEN FILTER 10M3 / hr	No.	1	12785
9	By pass Assembly 2"	No.	1	As Specified
10	VENTURI & MANIFOLD 2"	No.	1	As Specified
	Total A			
B	Optional Items			
11	Non Return valve 1.5" (optional)	No.	1	778
12	Sand Filter 25 m3/hr	No.	1	14606
13	Hydrocyclone Filter 25 m3/hr	No.	1	14743

Model of Drip Wide space: 3 ha. (9M X 9M)				
S.NO	Component Name	UNIT	Quantity	Specification
A	Compulsory Items			
1	PVC PIPE 63MM; Class 2 ; 4KG/CM2	M	336	4985
2	PVC PIPE 75MM; Class 2 ; 4KG/CM2	M	216	4985
3	Lateral 16mm Class2; 2.5kg/cm2	M	3333	12786
4	Emitters 4/8 lph	No.	1481	13487
5	Control Valve 75mm (PVC)	No.	1	As Specified
6	Control Valve 63mm (PVC)	No.	4	As Specified
7	Flush valve 63mm	No.	4	As Specified
8	AIR RELEASE VALVE 1"	No.	1	As Specified
9	SCREEN FILTER 10M3 / hr	No.	1	12785
10	By pass Assembly 2"	No.	1	As Specified
11	VENTURI & MANIFOLD 2"	No.	1	As Specified
	Total A			
B	Optional Items			
12	Non Return valve 1.5" (optional)	No.	1	778
13	Sand Filter 25 m3/hr	No.	1	14606
14	Hydrocyclone Filter 25 m3/hr	No.	1	14743

Model of Drip Wide space: 4 ha. (9M X 9M)				
S.NO	Component Name	UNIT	Quantity	Specification
A	Compulsory Items			
1	PVC PIPE 63MM; Class 2 ; 4KG/CM2	M	402	4985
2	PVC PIPE 75MM; Class 2 ; 4KG/CM2	M	225	4985
3	Lateral 16mm Class2; 2.5kg/cm2	M	4533	12786
4	Emitters 4/8 lph	No.	2015	13487
5	Control Valve 63mm (PVC)	No.	2	As Specified
6	Flush valve 75mm	No.	1	As Specified
7	Flush valve 63mm	No.	4	As Specified
8	AIR RELEASE VALVE 1.5"	No.	1	As Specified
9	SCREEN FILTER 10M3 / hr	No.	1	12785
10	By pass Assembly 2"	No.	1	As Specified
11	VENTURI & MANIFOLD 2"	No.	1	As Specified
	Total A			
B	Optional Items			
12	Non Return valve 1.5" (optional)	No.	1	778
13	Sand Filter 25 m3/hr	No.	1	14606
14	Hydrocyclone Filter 25 m3/hr	No.	1	14743

Model of Drip Wide space: 5 ha. (9M X 9M)				
S.NO	Component Name	UNIT	Quantity	Specification
A	Compulsory Items			
1	PVC PIPE 63MM; Class 2 ; 4KG/CM2	M	450	4985
2	PVC PIPE 75MM; Class 2 ; 4KG/CM2	M	168	4985
3	PVC PIPE 90MM; Class 2 ; 4KG/CM2	M	114	4985
4	Lateral 16mm Class2; 2.5kg/cm2	M	5667	12786
5	Emitters 4/8 lph	No.	2519	13487
6	Control Valve 75mm (PVC)	No.	2	As Specified
7	Control Valve 63mm (PVC)	No.	4	As Specified
8	Control Valve 90mm (PVC)	No.	2	As Specified
9	Flush valve 75mm	No.	1	As Specified
10	Flush valve 63mm	No.	4	As Specified
11	AIR RELEASE VALVE 1.5"	No.	1	As Specified
12	SCREEN FILTER 10M3 / hr	No.	1	12785
13	By pass Assembly 2"	No.	1	As Specified
14	VENTURI & MANIFOLD 2"	No.	1	As Specified
	Total A			
	Optional Items			
15	Non Return valve 1.5" (optional)	No.	1	778
16	Sand Filter 25 m3/hr	No.	1	14606
17	Hydrocyclone Filter 25 m3/hr	No.	1	14743

Model of Drip Wide space: 1 ha. (8M X 8M)				
S.NO	Component Name	UNIT	Quantity	Specification
A	Compulsory Items			
1	PVC PIPE 63MM; Class 2 ; 4KG/CM2	M	156	4985
2	Lateral 16mm Class2; 2.5kg/cm2	M	1250	12786
3	Emitters 4/8 lph	No.	625	13487
4	Control Valve 63mm (PVC)	No.	1	As Specified
5	Flush valve 63mm	No.	1	As Specified
6	AIR RELEASE VALVE 1"	No.	1	As Specified
7	SCREEN FILTER 10M3 / hr	No.	1	12785
8	By pass Assembly 1.5"	No.	1	As Specified
9	VENTURI & MANIFOLD 1.5"	No.	1	As Specified
	Total A			
B	Optional Items			
10	Non Return valve 1.5" (optional)	No.	1	778
11	Sand Filter 25 m3/hr	No.	1	14606
12	Hydrocyclone Filter 25 m3/hr	No.	1	14743

Model of Drip Wide space: 2 ha. (8M X 8M)				
S.NO	Component Name	UNIT	Quantity	Specification
A	Compulsory Items			
1	PVC PIPE 63MM; Class 2 ; 4KG/CM2	M	150	4985
2	PVC PIPE 75MM; Class 2 ; 4KG/CM2	M	80	4985
3	Lateral 16mm Class2; 2.5kg/cm2	M	2600	12786
4	Emitters 4/8 lph	No.	1300	13487
5	Control Valve 63mm (PVC)	No.	1	As Specified
6	Flush valve 63mm	No.	1	As Specified
7	AIR RELEASE VALVE 1"	No.	1	As Specified
8	SCREEN FILTER 10M3 / hr	No.	1	12785
9	By pass Assembly 2"	No.	1	As Specified
10	VENTURI & MANIFOLD 2"	No.	1	As Specified
	Total A			
B	Optional Items			
11	Non Return valve 1.5" (optional)	No.	1	778
12	Sand Filter 25 m3/hr	No.	1	14606
13	Hydrocyclone Filter 25 m3/hr	No.	1	14743

Model of Drip Wide space: 3 ha. (8M X 8M)				
S.NO	Component Name	UNIT	Quantity	Specification
A	Compulsory Items			
1	PVC PIPE 63MM; Class 2 ; 4KG/CM2	M	336	4985
2	PVC PIPE 75MM; Class 2 ; 4KG/CM2	M	216	4985
3	Lateral 16mm Class2; 2.5kg/cm2	M	3750	12786
4	Emitters 4/8 lph	No.	1875	13487
5	Control Valve 75mm (PVC)	No.	1	As Specified
6	Control Valve 63mm (PVC)	No.	4	As Specified
7	Flush valve 63mm	No.	4	As Specified
8	AIR RELEASE VALVE 1"	No.	1	As Specified
9	SCREEN FILTER 10M3 / hr	No.	1	12785
10	By pass Assembly 2"	No.	1	As Specified
11	VENTURI & MANIFOLD 2"	No.	1	As Specified
	Total A			
B	Optional Items			
12	Non Return valve 1.5" (optional)	No.	1	778
13	Sand Filter 25 m3/hr	No.	1	14606
14	Hydrocyclone Filter 25 m3/hr	No.	1	14743

Model of Drip Wide space: 4 ha. (8M X 8M)				
S.NO	Component Name	UNIT	Quantity	Specification
A	Compulsory Items			
1	PVC PIPE 63MM; Class 2 ; 4KG/CM2	M	402	4985
2	PVC PIPE 75MM; Class 2 ; 4KG/CM2	M	225	4985
3	Lateral 16mm Class2; 2.5kg/cm2	M	5100	12786
4	Emitters 4/8 lph	No.	2550	13487
5	Control Valve 63mm (PVC)	No.	2	As Specified
6	Flush valve 75mm	No.	1	As Specified
7	Flush valve 63mm	No.	4	As Specified
8	AIR RELEASE VALVE 1.5"	No.	1	As Specified
9	SCREEN FILTER 10M3 / hr	No.	1	12785
10	By pass Assembly 2"	No.	1	As Specified
11	VENTURI & MANIFOLD 2"	No.	1	As Specified
	Total A			
B	Optional Items			
12	Non Return valve 1.5" (optional)	No.	1	778
13	Sand Filter 25 m3/hr	No.	1	14606

14	Hydrocyclone Filter 25 m3/hr	No.	1	14743
Model of Drip Wide space: 5 ha. (8M X 8M)				
S.NO	Component Name	UNIT	Quantity	Specification
A	Compulsory Items			
1	PVC PIPE 63MM; Class 2 ; 4KG/CM2	M	450	4985
2	PVC PIPE 75MM; Class 2 ; 4KG/CM2	M	168	4985
3	PVC PIPE 90MM; Class 2 ; 4KG/CM2	M	114	4985
4	Lateral 16mm Class2; 2.5kg/cm2	M	6375	12786
5	Emitters 4/8 lph	No.	3188	13487
6	Control Valve 75mm (PVC)	No.	2	As Specified
7	Control Valve 63mm (PVC)	No.	4	As Specified
8	Flush valve 75mm	No.	1	As Specified
9	Flush valve 63mm	No.	4	As Specified
10	AIR RELEASE VALVE 1.5"	No.	1	As Specified
11	SCREEN FILTER 10M3 / hr	No.	1	12785
12	By pass Assembly 2"	No.	1	As Specified
13	VENTURI & MANIFOLD 2"	No.	1	As Specified
	Total A			
B	Optional Items			
14	Non Return valve 1.5" (optional)	No.	1	778
15	Sand Filter 25 m3/hr	No.	1	14606
16	Hydrocyclone Filter 25 m3/hr	No.	1	14743

Model of Drip Wide space: 1 ha. (5M X 5M)				
S.NO	Component Name	UNIT	Quantity	Specification
A	Compulsory Items			
1	PVC PIPE 63MM; Class 2 ; 4KG/CM2	M	156	4985
2	Lateral 16mm Class2; 2.5kg/cm2	M	2000	12786
3	Emitters 4/8 lph	No.	1600	13487
4	Control Valve 63mm (PVC)	No.	1	As Specified
5	Flush valve 63mm	No.	1	As Specified
6	AIR RELEASE VALVE 1"	No.	1	As Specified
7	SCREEN FILTER 10M3 / hr	No.	1	12785
8	By pass Assembly 2"	No.	1	As Specified
9	VENTURI & MANIFOLD 2"	No.	1	As Specified
	Total A			
B	Optional Items			
10	Non Return valve 1.5" (optional)	No.	1	778
11	Sand Filter 25 m3/hr	No.	1	14606
12	Hydrocyclone Filter 25 m3/hr	No.	1	14743

Model of Drip Wide space: 2 ha. (5M X 5M)				
S.NO	Component Name	UNIT	Quantity	Specification
A	Compulsory Items			
1	PVC PIPE 63MM; Class 2 ; 4KG/CM2	M	150	4985
2	PVC PIPE 75MM; Class 2 ; 4KG/CM2	M	80	4985
3	Lateral 16mm Class2; 2.5kg/cm2	M	4200	12786
4	Emitters 4/8 lph	No.	3300	13487
5	Control Valve 63mm (PVC)	No.	1	As Specified
6	Flush valve 63mm	No.	1	As Specified
7	AIR RELEASE VALVE 1"	No.	1	As Specified
8	SCREEN FILTER 10M3 / hr	No.	1	12785
9	By pass Assembly 2"	No.	1	As Specified
10	VENTURI & MANIFOLD 2"	No.	1	As Specified
	Total A			
B	Optional Items			
11	Non Return valve 1.5" (optional)	No.	1	778
12	Sand Filter 25 m3/hr	No.	1	14606
13	Hydrocyclone Filter 25 m3/hr	No.	1	14743

Model of Drip Wide space: 3 ha. (5M X 5M)				
S.NO	Component Name	UNIT	Quantity	Specification
A	Compulsory Items			
1	PVC PIPE 63MM; Class 2 ; 4KG/CM2	M	336	4985
2	PVC PIPE 75MM; Class 2 ; 4KG/CM2	M	216	4985
3	Lateral 16mm Class2; 2.5kg/cm2	M	6000	12786
4	Emitters 4/8 lph	No.	2400	13487
5	Control Valve 75mm (PVC)	No.	1	As Specified
6	Control Valve 63mm (PVC)	No.	4	As Specified
7	Flush valve 63mm	No.	4	As Specified
8	AIR RELEASE VALVE 1"	No.	1	As Specified
9	SCREEN FILTER 20/25M3 / hr	No.	1	12785
10	By pass Assembly 1.5"	No.	1	As Specified
11	VENTURI & MANIFOLD 2.5" (Ventury 2" is considered)	No.	1	As Specified
	Total A			
B	Optional Items			
12	Non Return valve 1.5" (optional)	No.	1	778
13	Sand Filter 25 m3/hr	No.	1	14606
14	Hydrocyclone Filter 25 m3/hr	No.	1	14743

Model of Drip Wide space: 4 ha. (5M X 5M)				
S.NO	Component Name	UNIT	Quantity	Specification
A	Compulsory Items			
1	PVC PIPE 63MM; Class 2 ; 4KG/CM2	M	402	4985
2	PVC PIPE 75MM; Class 2 ; 4KG/CM2	M	225	4985
3	Lateral 16mm Class2; 2.5kg/cm2	M	8160	12786
4	Emitters 4/8 lph	No.	4896	13487
5	Control Valve 63mm (PVC)	No.	2	As Specified
6	Flush valve 75mm	No.	1	As Specified
7	Flush valve 63mm	No.	4	As Specified
8	AIR RELEASE VALVE 1.5"	No.	1	As Specified
9	SCREEN FILTER 20/25M3 / hr	No.	1	12785
10	By pass Assembly 1.5"	No.	1	As Specified
11	VENTURI & MANIFOLD 2.5" (Ventury 2" is considered)	No.	1	As Specified
	Total A			
B	Optional Items			
12	Non Return valve 1.5" (optional)	No.	1	778
13	Sand Filter 25 m3/hr	No.	1	14606

14	Hydrocyclone Filter 25 m3/hr	No.	1	14743
Model of Drip Wide space: 5 ha. (5M X 5M)				
S.NO	Component Name	UNIT	Quantity	Specification
A	Compulsory Items			
1	PVC PIPE 63MM; Class 2 ; 4KG/CM2	M	450	4985
2	PVC PIPE 75MM; Class 2 ; 4KG/CM2	M	168	4985
3	PVC PIPE 90MM; Class 2 ; 4KG/CM2	M	114	4985
4	Lateral 16mm Class2; 2.5kg/cm2	M	10200	12786
5	Emitters 4/8 lph	No.	8160	13487
6	Control Valve 75mm (PVC)	No.	2	As Specified
7	Control Valve 63mm (PVC)	No.	4	As Specified
8	Flush valve 75mm	No.	1	As Specified
9	Flush valve 63mm	No.	4	As Specified
10	AIR RELEASE VALVE 1.5"	No.	1	As Specified
11	SCREEN FILTER 20/25M3 / hr	No.	1	12785
12	By pass Assembly 1.5"	No.	1	As Specified
13	VENTURI & MANIFOLD 2.5" (Ventury 2" is considered)	No.	1	As Specified
	Total A			
B	Optional Items			
14	Non Return valve 1.5" (optional)	No.	1	778
15	Sand Filter 25 m3/hr	No.	1	14606
16	Hydrocyclone Filter 25 m3/hr	No.	1	14743

Model of Drip Wide space: 1 ha. (4M X 4M)				
S.NO	Component Name	UNIT	Quantity	Specification
A	Compulsory Items			
1	PVC PIPE 63MM; Class 2 ; 4KG/CM2	M	156	4985
2	Lateral 16mm Class2; 2.5kg/cm2	M	2500	12786
3	Emitters 4/8 lph	No.	1275	13487
4	Control Valve 63mm (PVC)	No.	1	As Specified
5	Flush valve 63mm	No.	1	As Specified
6	AIR RELEASE VALVE 1"	No.	1	As Specified
7	SCREEN FILTER 10M3 / hr	No.	1	12785
8	By pass Assembly 2"	No.	1	As Specified
9	VENTURI & MANIFOLD 2"	No.	1	As Specified
10	Total A			
B	Optional Items			
11	Non Return valve 1.5" (optional)	No.	1	778
12	Sand Filter 25 m3/hr	No.	1	14606
13	Hydrocyclone Filter 25 m3/hr	No.	1	14743

Model of Drip Wide space: 2 ha. (4M X 4M)				
S.NO	Component Name	UNIT	Quantity	Specification
A	Compulsory Items			
1	PVC PIPE 63MM; Class 2 ; 4KG/CM2	M	150	4985
2	PVC PIPE 75MM; Class 2 ; 4KG/CM2	M	80	4985
3	Lateral 16mm Class2; 2.5kg/cm2	M	5200	12786
4	Emitters 4/8 lph	No.	2600	13487
5	Control Valve 63mm (PVC)	No.	2	As Specified
6	Flush valve 63mm	No.	2	As Specified
7	AIR RELEASE VALVE 1"	No.	1	As Specified
8	SCREEN FILTER 10M3 / hr	No.	1	12785
9	By pass Assembly 2"	No.	1	As Specified
10	VENTURI & MANIFOLD 2"	No.	1	As Specified
	Total A			
B	Optional Items			
11	Non Return valve 1.5" (optional)	No.	1	778
12	Sand Filter 25 m3/hr	No.	1	14606
13	Hydrocyclone Filter 25 m3/hr	No.	1	14743

Model of Drip Wide space: 3 ha. (4M X 4M)				
S.NO	Component Name	UNIT	Quantity	Specification
A	Compulsory Items			
1	PVC PIPE 63MM; Class 2 ; 4KG/CM2	M	336	4985
2	PVC PIPE 75MM; Class 2 ; 4KG/CM2	M	216	4985
3	Lateral 16mm Class2; 2.5kg/cm2	M	7500	12786
4	Emitters 4/8 lph	No.	3750	13487
5	Control Valve 75mm (PVC)	No.	1	As Specified
6	Control Valve 63mm (PVC)	No.	4	As Specified
7	Flush valve 63mm	No.	4	As Specified
8	AIR RELEASE VALVE 1"	No.	1	As Specified
9	SCREEN FILTER 20/25M3 / hr	No.	1	12785
10	By pass Assembly 1.5"	No.	1	As Specified
11	VENTURI & MANIFOLD 2.5" (Ventury 2" is considered)	No.	1	As Specified
	Total A			
B	Optional Items			
12	Non Return valve 1.5" (optional)	No.	1	778
13	Sand Filter 25 m3/hr	No.	1	14606
14	Hydrocyclone Filter 25 m3/hr	No.	1	14743

Model of Drip Wide space: 4 ha. (4M X 4M)				
S.NO	Component Name	UNIT	Quantity	Specification
A	Compulsory Items			
1	PVC PIPE 63MM; Class 2 ; 4KG/CM2	M	402	4985
2	PVC PIPE 75MM; Class 2 ; 4KG/CM2	M	225	4985
3	Lateral 16mm Class2; 2.5kg/cm2	M	10200	12786
4	Emitters 4/8 lph	No.	7700	13487
5	Control Valve 63mm (PVC)	No.	2	As Specified
6	Flush valve 75mm	No.	1	As Specified
7	Flush valve 63mm	No.	4	As Specified
8	AIR RELEASE VALVE 1.5"	No.	1	As Specified
9	SCREEN FILTER 20/25M3 / hr	No.	1	12785
10	By pass Assembly 1.5"	No.	1	As Specified
11	VENTURI & MANIFOLD 2.5" (Ventury 2" is considered)	No.	1	As Specified
	Total A			
B	Optional Items			
12	Non Return valve 1.5" (optional)	No.	1	778
13	Sand Filter 25 m3/hr	No.	1	14606

14	Hydrocyclone Filter 25 m3/hr	No.	1	14743
Model of Drip Wide space: 5 ha. (4M X 4M)				
S.NO	Component Name	UNIT	Quantity	Specification
A	Compulsory Items			
1	PVC PIPE 63MM; Class 2 ; 4KG/CM2	M	450	4985
2	PVC PIPE 75MM; Class 2 ; 4KG/CM2	M	168	4985
3	PVC PIPE 90MM; Class 2 ; 4KG/CM2	M	114	4985
4	Lateral 16mm Class2; 2.5kg/cm2	M	12750	12786
5	Emitters 4/8 lph	No.	6500	13487
6	Control Valve 75mm (PVC)	No.	2	As Specified
7	Control Valve 63mm (PVC)	No.	4	As Specified
8	Flush valve 75mm	No.	1	As Specified
9	Flush valve 63mm	No.	4	As Specified
10	AIR RELEASE VALVE 1.5"	No.	1	As Specified
11	SCREEN FILTER 20/25M3 / hr	No.	1	12785
12	By pass Assembly 1.5"	No.	1	As Specified
13	VENTURI & MANIFOLD 2.5" (Ventury 2" is considered)	No.	1	As Specified
	Total A			
B	Optional Items			
14	Non Return valve 1.5" (optional)	No.	1	778
15	Sand Filter 25 m3/hr	No.	1	14606
16	Hydrocyclone Filter 25 m3/hr	No.	1	14743

Model of Drip Wide space: 1 ha. (3M X 3M)				
S.NO	Component Name	UNIT	Quantity	Specification
A	Compulsory Items			
1	PVC PIPE 63MM; Class 2 ; 4KG/CM2	M	102	4985
2	PVC PIPE 75MM; Class 2 ; 4KG/CM2	M	54	4151-PART-II
3	Lateral 16mm Class2; 2.5kg/cm2	M	3333	13487
4	Emitters 4/8 lph	No.	2267	As Specified
5	Control Valve 63mm (PVC)	No.	1	As Specified
6	Flush valve 63mm	No.	1	As Specified
7	AIR RELEASE VALVE 1"	No.	1	12785
8	SCREEN FILTER 10M3 / hr	No.	1	As Specified
9	By pass Assembly 1.5"	No.	1	As Specified
10	VENTURI & MANIFOLD 2"	No.	1	
	Total A			
B	Optional Items			
12	Non Return valve 1.5" (optional)	No.	1	778
13	Sand Filter 25 m3/hr	No.	1	14606
14	Hydrocyclone Filter 25 m3/hr	No.	1	14743

Model of Drip Wide space: 2 ha. (3M X 3M)				
S.NO	Component Name	UNIT	Quantity	Specification
A	Compulsory Items			
1	PVC PIPE 63MM; Class 2 ; 4KG/CM2	M	150	4985
2	PVC PIPE 75MM; Class 2 ; 4KG/CM2	M	80	4985
3	Lateral 16mm Class2; 2.5kg/cm2	M	6900	12786
4	Emitters 4/8 lph	No.	4800	13487
5	Control Valve 63mm (PVC)	No.	2	As Specified
6	Flush valve 63mm	No.	2	As Specified
7	AIR RELEASE VALVE 1"	No.	1	As Specified
8	SCREEN FILTER 10M3 / hr	No.	1	12785
9	By pass Assembly 2"	No.	1	As Specified
10	VENTURI & MANIFOLD 2"	No.	1	As Specified
	Total A			
B	Optional Items			
11	Non Return valve 1.5" (optional)	No.	1	778
12	Sand Filter 25 m3/hr	No.	1	14606
13	Hydrocyclone Filter 25 m3/hr	No.	1	14743

Model of Drip Wide space: 3 ha. (3M X 3M)

S.NO	Component Name	UNIT	Quantity	Specification
A	Compulsory Items			
1	PVC PIPE 63MM; Class 2 ; 4KG/CM2	M	336	4985
2	PVC PIPE 75MM; Class 2 ; 4KG/CM2	M	216	4985
3	Lateral 16mm Class2; 2.5kg/cm2	M	10000	12786
4	Emitters 4/8 lph	No.	6667	13487
5	Control Valve 75mm (PVC)	No.	1	As Specified
6	Control Valve 63mm (PVC)	No.	4	As Specified
7	Flush valve 63mm	No.	4	As Specified
8	AIR RELEASE VALVE 1"	No.	1	As Specified
9	SCREEN FILTER 20/25M3 / hr	No.	1	12785
10	By pass Assembly 1.5"	No.	1	As Specified
11	VENTURI & MANIFOLD 2.5" (Ventury 2" is considered)	No.	1	As Specified
	Total A			
B	Optional Items			
12	Non Return valve 1.5" (optional)	No.	1	778
13	Sand Filter 25 m3/hr	No.	1	14606
14	Hydrocyclone Filter 25 m3/hr	No.	1	14743

Model of Drip Wide space: 4 ha. (3M X 3M)

S.NO	Component Name	UNIT	Quantity	Specification
A	Compulsory Items			
1	PVC PIPE 63MM; Class 2 ; 4KG/CM2	M	402	4985
2	PVC PIPE 75MM; Class 2 ; 4KG/CM2	M	225	4985
3	Lateral 16mm Class2; 2.5kg/cm2	M	13600	12786
4	Emitters 4/8 lph	No.	9244	13487
5	Control Valve 63mm (PVC)	No.	2	As Specified
6	Flush valve 75mm	No.	1	As Specified
7	Flush valve 63mm	No.	4	As Specified
8	AIR RELEASE VALVE 1.5"	No.	1	As Specified
9	SCREEN FILTER 20/25M3 / hr	No.	1	12785
10	By pass Assembly 1.5"	No.	1	As Specified
11	VENTURI & MANIFOLD 2.5" (Ventury 2" is considered)	No.	1	As Specified
	Total A			
B	Optional Items			
12	Non Return valve 1.5" (optional)	No.	1	778
13	Sand Filter 25 m3/hr	No.	1	14606

14	Hydrocyclone Filter 25 m3/hr	No.	1	14743
Model of Drip Wide space: 5 ha. (3M X 3M)				
S.NO	Component Name	UNIT	Quantity	Specification
A	Compulsory Items			
1	PVC PIPE 63MM; Class 2 ; 4KG/CM2	M	450	4985
2	PVC PIPE 75MM; Class 2 ; 4KG/CM2	M	168	4985
3	PVC PIPE 90MM; Class 2 ; 4KG/CM2	M	114	4985
4	Lateral 16mm Class2; 2.5kg/cm2	M	17000	12786
5	Emitters 4/8 lph	No.	11556	13487
6	Control Valve 75mm (PVC)	No.	2	As Specified
7	Control Valve 63mm (PVC)	No.	4	As Specified
8	Flush valve 75mm	No.	1	As Specified
9	Flush valve 63mm	No.	4	As Specified
10	AIR RELEASE VALVE 1.5"	No.	1	As Specified
11	SCREEN FILTER 20/25M3 / hr	No.	1	12785
12	By pass Assembly 1.5"	No.	1	As Specified
13	VENTURI & MANIFOLD 2.5" (Ventury 2" is considered)	No.	1	As Specified
	Total A			
B	Optional Items			
14	Non Return valve 1.5" (optional)	No.	1	778
15	Sand Filter 25 m3/hr	No.	1	14606
16	Hydrocyclone Filter 25 m3/hr	No.	1	14743

Model of Drip Wide space: 1 ha. (2M X 2M)				
S.NO	Component Name	UNIT	Quantity	Specification
A	Compulsory Items			
1	PVC PIPE 63MM; Class 2 ; 4KG/CM2	M	102	4985
2	PVC PIPE 75MM; Class 2 ; 4KG/CM2		54	4151-PART-II
3	Lateral 16mm Class2; 2.5kg/cm2	M	5050	13487
4	Emitters 4/8 lph	No.	5050	As Specified
5	Control Valve 63mm (PVC)	No.	1	As Specified
6	Flush valve 63mm	No.	1	As Specified
7	AIR RELEASE VALVE 1"	No.	1	12785
8	SCREEN FILTER 10M3 / hr	No.	1	As Specified
9	By pass Assembly 1.5"	No.	1	As Specified
10	VENTURI & MANIFOLD 1.5"	No.	1	
	Total A			
B	Optional Items			
11	Non Return valve 1.5" (optional)	No.	1	778
12	Sand Filter 25 m3/hr	No.	1	14606
13	Hydrocyclone Filter 25 m3/hr	No.	1	14743

Model of Drip Wide space: 2 ha. (2M X 2M)				
S.NO	Component Name	UNIT	Quantity	Specification
A	Compulsory Items			
1	PVC PIPE 63MM; Class 2 ; 4KG/CM2	M	150	4985
2	PVC PIPE 75MM; Class 2 ; 4KG/CM2	M	80	4151-PART-II
3	Lateral 16mm Class2; 2.5kg/cm2	M	11000	13487
4	Emitters 4/8 lph	No.	10400	As Specified
5	Control Valve 63mm (PVC)	No.	3	As Specified
6	Flush valve 63mm	No.	1	As Specified
7	AIR RELEASE VALVE 1"	No.	1	12785
8	SCREEN FILTER 10M3 / hr	No.	1	As Specified
9	By pass Assembly 2"	No.	1	As Specified
10	VENTURI & MANIFOLD 2"	No.	1	
	Total A			
B	Optional Items			
11	Non Return valve 1.5" (optional)	No.	1	778
12	Sand Filter 25 m3/hr	No.	1	14606
13	Hydrocyclone Filter 25 m3/hr	No.	1	14743

Model of Drip Wide space: 3 ha. (2M X 2M)				
S.NO	Component Name	UNIT	Quantity	Specification
A	Compulsory Items			
1	PVC PIPE 63MM; Class 2 ; 4KG/CM2	M	174	4985
2	PVC PIPE 75MM; Class 2 ; 4KG/CM2	M	132	4985
3	PVC PIPE 90MM; Class 2 ; 4KG/CM2	M	90	4985
4	Lateral 16mm Class2; 2.5kg/cm2	M	15150	12786
5	Emitters 4/8 lph	No.	15150	13487
6	Control Valve 63mm (PVC)	No.	4	As Specified
7	Control Valve 75mm (PVC)	No.	2	As Specified
8	Control Valve 90mm (PVC)	No.	1	As Specified
9	Flush valve 63mm	No.	4	As Specified
10	Flush valve 75mm	No.	1	As Specified
11	AIR RELEASE VALVE 1"	No.	1	As Specified
12	SCREEN FILTER 10M3 / hr	No.	1	12785
13	By pass Assembly 2"	No.	1	As Specified
14	VENTURI & MANIFOLD 2"	No.	1	As Specified
	Total A			
B	Optional Items			
15	Non Return valve 2" (optional)	No.	1	778
16	Sand Filter 25 m3/hr	No.	1	14606
17	Hydrocyclone Filter 25 m3/hr	No.	1	14743

Model of Drip Wide space: 4 ha. (2M X 2M)				
S.NO	Component Name	UNIT	Quantity	Specification
A	Compulsory Items			
1	PVC PIPE 63MM; Class 2 ; 4KG/CM2	M	402	4985
2	PVC PIPE 75MM; Class 2 ; 4KG/CM2	M	276	4985
3	PVC PIPE 90MM; Class 2 ; 4KG/CM2	M	138	4985
4	Lateral 16mm Class2; 2.5kg/cm2	M	20200	12786
5	Emitters 4/8 lph	No.	20000	13487
6	Control Valve 63mm (PVC)	No.	4	As Specified
7	Control Valve 75mm (PVC)	No.	2	As Specified
8	Control Valve 90mm (PVC)	No.	2	As Specified
9	Flush valve 75mm	No.	1	As Specified
10	Flush valve 63mm	No.	4	As Specified
11	AIR RELEASE VALVE 1.5"	No.	1	As Specified
12	SCREEN FILTER 20/25M3 / hr	No.	1	12785

13	By pass Assembly 2.5"	No.	1	As Specified
14	VENTURI & MANIFOLD 2"	No.	1	As Specified
	Total A			
B	Optional Items			
15	Non Return valve 2" (optional)	No.	1	778
16	Sand Filter 25 m3/hr	No.	1	14606
17	Hydrocyclone Filter 25 m3/hr	No.	1	14743

Model of Drip Wide space: 5 ha. (2M X 2M)				
S.NO	Component Name	UNIT	Quantity	Specification
A	Compulsory Items			
1	PVC PIPE 63MM; Class 2 ; 4KG/CM2	M	456	4985
2	PVC PIPE 75MM; Class 2 ; 4KG/CM2	M	342	4985
3	PVC PIPE 90MM; Class 2 ; 4KG/CM2	M	168	4985
4	Lateral 16mm Class2; 2.5kg/cm2	M	25250	12786
5	Emitters 4/8 lph	No.	25250	13487
6	Control Valve 75mm (PVC)	No.	2	As Specified
7	Control Valve 63mm (PVC)	No.	4	As Specified
8	Flush valve 75mm	No.	1	As Specified
9	Flush valve 63mm	No.	4	As Specified
10	AIR RELEASE VALVE 1.5"	No.	1	As Specified
11	SCREEN FILTER 20/25M3 / hr	No.	1	12785
12	By pass Assembly 2.5"	No.	1	As Specified
13	VENTURI & MANIFOLD 2.5" (Ventury 2" is considered)	No.	1	As Specified
	Total A			
B	Optional Items			
14	Non Return valve 1.5" (optional)	No.	1	778
15	Sand Filter 25 m3/hr	No.	1	14606
16	Hydrocyclone Filter 25 m3/hr	No.	1	14743

b. Mini Sprinkler System (compulsory and optional items)

2. Model of Mini Sprinkler : (10M X 10M) from 0.4 ha to 1.0 ha										
S.N	Component Name	UNIT	Specification	Area						
A	Compulsory Items			0.4	0.5	0.6	0.7	0.8	0.9	1
1	PVC PIPE 75MM; Class 2 ; 4KG/CM2	M	4985	66	78	96	116	132	156	170
2	PVC PIPE 90MM; Class 2 ; 4KG/CM2	M	4985	0	0	0	0	0	0	0
3	Lateral 32mm Class2; 2.5kg/cm2	M	12786	400	500	600	700	800	900	1000
4	Mini Sprinkler Complete Assembly full circle	No.	IS 12232 (Part1):1996 & (Part2): 1987	42	53	63	74	84	95	105
5	Mini Sprinkler Complete Assembly half circle	No.	IS 12232 (Part1):1996 & (Part 2): 1987	4	5	6	7	8	9	10
6	Control Valve 75mm (PVC)	No.	As Specified	1	1	1	1	2	2	2
7	Control Valve 32mm (PVC/PP)	No.	As Specified	7	9	10	11	13	15	17
8	Flush valve75mm	No.	As Specified	1	1	1	1	1	1	1
	Total A									
B	Optional Items									
9	Air Release valve 1" (optional)	No.	As Specified	1	1	1	1	1	1	1
10	Non Return valve 2.5" (optional)	No.	778	1	1	1	1	1	1	1
11	By pass Assembly 1.5" (optional)	No.	As Specified	1	1	1	1	1	1	1
12	By pass Assembly 2" (optional)	No.	As Specified	0	0	0	0	0	0	0
13	SCREEN FILTER 30M3 / hr (optional)	No.	12785	1	1	1	1	1	1	1
14	VENTURI 1" (optional)	No.	As Specified	1	1	1	1	1	1	1
15	MANIFOLD 2" (optional)	No.	As Specified	1	1	1	1	1	1	1

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प्रधानमन्त्री कृषि सिंचाई योजना

Vi dk@Qokjk fl pkbz ds fy, vkonu
¼vkonu i = dk i R; æd dkye Hkjk tk, ½

S S

	dky dk; k; i z kx ds fy,
vkonu l a[; k	vkonu frffk
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xko% xke i pk; r% [k. M%

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दूरभाष नं० (एस-Vh-Mh- dkM l fgr½

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vk/kkj dkMZ u0

पुरुष/स्त्री शारीरिक अपगंता (हॉ/नहीं)

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2-1 cd i kl cd ds vuq kj fdl ku dk uke%

2-2 cd [kkrk l a[; k

2-3 cd dk uke o

शाखा का पता:

2-4 vkbz, Q-, l -l h- (IFSC) dkM

3- fdl ku dh Hkfe dk fooj .k

i. Hkfe l o l a[; k

ii. fdl ku dh dgy Hkfe

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4-3 i i gM % QV

4-4 fMyhojh %eh0eh0%

4-5 rkykc ds dsl ea vkdkj %yDxpMkbxgj kb% %

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11- मैं आवश्यकतानुसार व फर्म की सलाह के अनुसार प्रणाली के हैड युनिट, फर्टीगेशन ; fuV fQYVj dh LFkki uk ds fy, i Ddk lyv Qel o vl; fuEkkZ k dk; l djokmxka bu dk; k dh ykxr e i ogu d: xka

12- मैं प्रणाली स्थापना के समय व बाद में अपनी लागत पर आवश्यकतानुसार पंप, बिजली का i dU/k vkfn dh 0; oLFkk d: xka

13- e i iz kkyh ds Hkkfrd fujh{k.k ds l e; l kbM i j mi fLFkr j g xka vFkok fufj {k.k o fji k v l i j gLrk{kj ds fy, vi us i frfuf/k dks vf/kdr d: xka

14- भौतिक निरीक्षण के बाद मैं प्रणाली का अधिग्रहण करूंगा व फार्म-5 में फर्म को संतुष्टि i æk.k&i = ea frfFk l fgr gLRkk{kj d: xka

15- iz kkyh LFkki uk mijklur vxys 10 वर्षों तक प्रणाली में बदलाव/हटाना/नष्ट/बेचना आदि नहीं करूंगा यदि मैं ऐसा करता हूँ तो मैं विभागीय/सरकार अनुदान राशि का भुगतान okfi l foHkkx dks djus ds fy, ck/; gk xka l j dkj }kj k fd l h Lrj i j vunku ea fHkUurk o iz kkyh ea ejs vi us Lrj i j fd, x, cnलाव/नष्ट/हटाना/बिक्री/नुकसान

ds dkj.k QI y dh mi t o vl; upl ku vkfn ds fy, foHkkx vFkok QeZ ftEenjk ugha gkxhA

16- मैं प्रणाली के सफल संचालन के लिए फर्म के निर्देशानुसार प्रणाली को चलाने व मैन्टेनेंस
dk dk; l d: xkA

17- मैं कोई झूठी शिकायत/दावा अथवा कोई अप्रिय स्फिफर mRi Uu ugha d: xka o ; fn iz kkyh
l pkyu ea dkbZ l eL; k vkrh gS rks foHkkx vFkok QeZ ds LFkkuh; i frfu/kh; ka l s l ek/kku
ds fy, l Ei dZ d: xkA

18- मैं प्रधानमन्त्री कृषि सिंचाई योजना के अन्तर्गत एमपेनल्ड फर्म से सूक्ष्म सिंचाई प्रणाली की
LFkki uk djokmxka o iz kkyh dh ykxr dk Hkpxrku QeZ dks d: xkA

19- मेरे द्वारा किसी कारणवश प्रणाली उपकरणों अथवा घटकों में कोई नुकसान होता है तो
bl ds fy, foHkkx vFkok QeZ ftEenjk ugha gkxk@gkxhA

20- eiz kkyh i w k l : i vFkok iz kkyh ds fgLI s dk dye@pktl vFkok LFkkukUrj.k ugha
d: xkA

21- ; fn ei l e fl pkbZ iz kkyh ea odfYi d ?kVd (optional component) LFkkfir djokrk g
rks bl dh i w k l ykxr dk Hkpxrku QeZ dks d: xka o foHkkx l s vupku dk dye ugha
d: xkA

22- मैं प्रधानमन्त्री कृषि सिंचाई योजना की गाईडलाईन व उद्यान विभाग द्वारा समय-समय पर
तारी किए जाने वाले दिशा निर्देशों की पालना करूंगा।

23- 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।

uke%

frfFk%

i kFkhZ

gLrk{kj

आवेदन पत्र के साथ आवश्यक दस्तावेज:

1. Hkfe o ty ifj {k.k fj i kV/A
2. Lo; a l R; kfir Hkfe tek cnh dh i fra
3. स्वयं सत्यापित राशन कार्ड की प्रति।
4. Lo; a l R; kfir QkVks i gpku&i = dh i fra
5. Lo; a l R; kfir vk/kkj dkMZ dh i fra

Lohdfr i =
 ftyk m | ku vf/kdkjh-----
 m | ku foHkkx] gfj ; k. kk
 vkUykbZ i kV/y% , e vkbZ uS-gkV/gfj ; k. kk@thvkoH-bZ
 bZ&ey-----website:- hortharyana.gov.in
 i = Øekad% fnukad%

I Øk ea

fdl ku dk uke-----] fi rk dk uke-----]

xkØ -----] i kLV -----] [k.M -----]

rgl hy -----] ftyk-----A

विषय: I f(e fl pkbZ iz.kkyh dh LFkki uk dh Lohdfr ckjA

fuonu gS fd vki }kjk vkUykbZ i kV/y , e vkbZ uS ij i kFkZuk i = Øekad-----
 ----- }kjk vuqku I gk; rk I s [kr ea I f(e fl pkbZ iz.kkyh dh LFkki uk ds fy, vkonu fd; k
 x; k Fkk vki }kjk p; fur QeZ }kjk vki ds nLrkostka o iz.kkyh ds fMtkbZ o , LVheS ds
 vk/kkj ij , e vkbZ uS ds ek/; e I s fuEu fooj.k vuq kj iz.kkyh dh LFkki uk , e vkbZ uS I s
 mRi kfnr Lohdfr i = tkjh gkus I s 45 fnuka ds vUnj dh tkuh gS vU; Fkk ; g I e>k tk, xk fd
 vki iz.kkyh LFkki uk ds bPNd ugha gS o vki ds vkonsu dks oj; rk I fp ea vflre LFkku ij
 j [kk tk, xkA

fdl ku i dkj	vkonsu I a[; k	{k= %gD%	th-i-h, I - निर्देशांक अक्षांश देशान्तर	QI y	vUnj %eh- fe- %	I fI - iz.kkyh dk i dkj	iz.kkyh dh ykr %: i ; %	fdl ku शेयर %: i ; %	योजना के दिशा निर्देशों के अनुसार vuqku I gk; rk राशि %: i ; %

fdl ku ds cfd [kkrs dk fooj.k

- cfd i kl cpd ds vuq kj fdl ku dk uke% -----
- cfd [kkrk I a[; k% -----
- cfd dk uke% -----
- शाखा का पता: -----
- vkbZ, Q-, I -I h- (IFSC) dkM% -----

vki I s vuqj/k gS fd mi jkDr dk; Z dks xkbMykbZ ds vuq kj fu/kkFjr I e;
 vof/k ds vUnj&vUnj i kZ dja o vi us cfd [kkrs dks vPNh rjg tkp ya D; kfd I jdkjh
 अनुदान राशि का भुगतान आपके उपरोक्त cfd [kkrs ea vkUykbZ fd; k tk, xkA

ftyk m | ku vf/kdkjh]

Application (Form-1)

HORTICULTURE DEPARTMENT HARYANA Pradhan Mantri Krishi Sinchayee Yojana

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 : _____ 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, 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 : 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 / resell the system during the 10 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, empaneled 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 10 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. 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.
4. Self-attested copy of photo identity proof.
5. Self –attested copy of Aadhar Card.

HORTICULTURE DEPARTMENT HARYANA
Pradhan Mantri Krishi Sinchayee Yojana
Sanction Letter
(Form-2)

Based on documents and design estimate submitted by farmer through empaneled MI
 firm for installation of MIS at the farm of Sh. _____ Vill. _____, District
 _____ sanction is hereby accorded with following detail:-

Farmer Type (Small & Marginal/ Other General/SC Farmer)	Application No.	Area (ha.)	GPS Coordinates Latitude, Longitude	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:

Member Secretary- cum- DHO,
 DHMIU, District

_____.

To

1. Sh. _____ S/o Sh. _____,
 Vill. _____ District _____

2. Empaneled Firm M/s _____

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

HORTICULTURE DEPARTMENT HARYANA**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
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 Departmental nominee is to fill up actual quantity at site in the Proforma attached as Annexure-4A.	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.
Subject Matter Specialist
Name & Signature with stamp

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

Horticulture Development Officer (Extn.)
Name & Signature with Stamp

HORTICULTURE DEPARTMENT HARYANA
Pradhan Mantri Krishi Sinchayee Yojana
Inspection Report (Form-4 A)
(Mini Sprinkler 10 x10 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:

Crop:

S.N	Component Name	Specifications	BIS Code	Unit	Quantity claimed in invoice	Quantity found at site	Remarks
	Compulsory Items						
1	PVC PIPE 75MM	Class 2 ; 4KG/CM2	4985:2000	M			
2	PVC PIPE 90MM	Class 2 ; 4KG/CM2	4985:2000	M			
3	HDPE PIPE 75MM	Class III ; 4KG/CM2	14151-PART-I	M			
4	HDPE PIPE 90MM	Class III ; 4KG/CM2	14151-PART-I	M			
5	HDPE PIPE 75MM	Class 1 ; 2.5KG/CM2	14151-PART-I	M			
6	HDPE PIPE 90MM	Class 1 ; 2.5KG/CM2	14151-PART-I	M			
7	Lateral 25mm	Class2; 2.5kg/cm2	12786	M			
8	Lateral 32mm	Class2; 2.5kg/cm2	12786	M			
9	Mini Sprinkler Complete Assembly	full circle	IS 12232 (Part1):1996 & (Part2): 1987	No.			
10	Mini Sprinkler Complete Assembly	half circle	IS 12232 (Part1):1996 & (Part 2): 1987	No.			
11	Control Valve 75mm	(PVC)	As Specified	No.			
12	Control Valve 25mm	(PVC/PP)	As Specified	No.			
13	Control Valve 32mm (PVC/PP)	(PVC/PP)	As Specified	No.			
14	Flush valve75mm		As Specified	No.			
	Optional Items						
1	Air Release valve 1"	As Specified	As Specified	No.			
2	Non Return valve 1.5" (Metal)	778	No.			
3	Non Return valve 2.5"	(Metal)	778	No.			
4	By pass Assembly 1.5"	(Metal)	As Specified				
5	By pass Assembly 2"	(Metal)	As Specified	No.			

6	SCREEN FILTER	30M3 / hr	12785	No.			
7	Venturi Injector Assembly 1"	As Specified	As Specified	No.			
8	Venturi Injector Assembly 1.5"	As Specified	As Specified	No.			
9	Venturi Injector Assembly 2"	As Specified	As Specified	No.			
10	MANIFOLD 1.5"	(Metal)	As Specified	No.			
11	MANIFOLD 2.0"	(Metal)	As Specified	No.			
12	MANIFOLD 2.5"	(Metal)	As Specified	No.			
13	MANIFOLD 3.0"	(Metal)	As Specified	No.			

We verified that above quantity found as inspected at site.

Inspection Team

1.
Signature with stamp

2.
Subject Matter Specialist
Name & Signature with stamp

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

Horticulture Development Officer (Extn.)
Name & Signature with Stamp

HORTICULTURE DEPARTMENT HARYANA
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:

S. N	Component Name	Specifications	BIS Code	Unit	Quantity claimed in invoice	Quantity found at site	Remarks
	Compulsory Items						
1	AIR RELEASE VALVE 1"	As Specified	As Specified	No.			
2	AIR RELEASE VALVE 1.5"	As Specified	As Specified	No.			
3	By pass Assembly 1.5"	(Metal)	As Specified	No.			
4	By pass Assembly 2"	(Metal)	As Specified	No.			
5	By pass Assembly 2.5"	(Metal)	As Specified	No.			
6	Control Valve 63mm	(PVC)	As Specified	No.			
7	Control Valve 75mm	(PVC)	As Specified	No.			
8	Control Valve 90mm	(PVC)	As Specified	No.			
9	Emitting Pipe 16 mm	class II (0.3 m x 1 to 4 lph) (PC)	13488	M			
10	Emitting Pipe 16 mm	class II (0.4m x 1 to 4 lph) (PC)	13488	M			
11	Emitting Pipe 16 mm	class II (0.3 m x 1 to 4 lph) (NPC)	13488	M			
12	Emitting Pipe 16 mm	class II (0.4m x 1 to 4 lph) (NPC)	13488	M			
13	Emitters	4/8 lph (PC)	13487	No.			
14	Emitters	4/8 lph (NPC)	13487	No.			
15	Flush valve 63mm	As Specified	As Specified	No.			
16	Flush valve 75mm	As Specified	As Specified	No.			
17	Lateral 16mm	Class2; 2.5kg/cm2	12786	M			
18	PVC PIPE 63MM;	Class 2 ; 4KG/CM2	4985	M			
19	PVC PIPE 75MM;	Class 2 ; 4KG/CM2	4985	M			

20	PVC PIPE 90MM;	Class 2 ; 4KG/CM2	4985	M			
21	HDPE PIPE 63MM;	Class III ; 4KG/CM2	14151-PART-I	M			
22	HDPE PIPE 75MM;	Class III ; 4KG/CM2	14151-PART-I	M			
23	HDPE PIPE 90MM;	Class III ; 4KG/CM2	14151-PART-I	M			
24	SCREEN FILTER	10M3 / hr	12785	No.			
25	SCREEN FILTER	30M3 / hr	12785	No.			
26	SCREEN FILTER	25M3 / hr	12785	No.			
27	Venturi Injector Assembly 1"	As Specified	As Specified	No.			
28	Venturi Injector Assembly 1.5"	As Specified	As Specified	No.			
29	Venturi Injector Assembly 2"	As Specified	As Specified	No.			
30	MANIFOLD 1.5"	(Metal)	As Specified	No.			
31	& MANIFOLD 2"	(Metal)	As Specified	No.			
32	MANIFOLD 2.5"	(Metal)	As Specified	No.			
33	MANIFOLD 3"	(Metal)	As Specified	No.			
	Optional Items						
1	Non Return Valve 1.5"	(Metal)	As Specified	No.			
2	Non Return Valve 2"	(Metal)	778	No.			
3	Non Return Valve 2.5"	(Metal)	778	No.			
4	Sand Filter	25 m3/hr	14606	No.			
5	Hydro cyclone Filter	25 m3/hr	14743	No.			

We verified that above quantity found as inspected at site.

Inspection Team

1.
Name & Signature with stamp

2.
Subject Matter Specialist
Name & Signature with stamp

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

Horticulture Development Officer (Extn.)
Name & Signature with Stamp

HORTICULTURE DEPARTMENT HARYANA
Pradhan Mantri Krishi Sinchayee Yojana
Satisfaction Certificate (Form-5)

Certified that I (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: