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11	आर.टी.आई	

भूमिका

बागवानी/उद्यान के अन्तर्गत फल, सब्जियां, फूल, मसाले, मशरूम तथा औषधीय एवम सुगन्धित पौधों की काश्त आती ह। इन सभी के समूल/सम्पूर्ण विकास के महत्व को ध्यान में रखकर हरियाणा सरकार द्वारा वर्ष 1990–91 में अलग उद्यान विभाग का गठन किया गया। इससे पहले यह कृषि विभाग का एक संभाग था। विभाग के मुख्य उदेश्य निम्न प्रकार से हैं :–

1. कृषि से बागवानी की ओर विविधिकरण को बढावा।
2. भूमि की उत्पादन क्षमता तथा कृषक के आर्थिक स्तर को बढाना।
3. सुनिश्चित पौष्टिकता प्रदान करना।
4. आधुनिकतम तकनीकों को किसानों के खेतों तक पहुंचाना।
5. अधिकाधिक व्यवसाय के अवसर पैदा करना।
6. निर्यात को बढाना तथा अधिकाधिक विदेशी मुद्रा अर्जित करना।
7. वातावरण में प्रदूषण को कम करना।

उपरोक्त के साथ–साथ उद्यान विभाग, विश्वविद्यालय तथा अनुसंधान केन्द्रों द्वारा विकसित बागवानी से संबंधित सभी नवीनतम तकनीको को किसानों तक तथा खास तौर पर लघु एवं सीमान्त किसानों तक तत्परता से पहुंचाने मं मुख्य भूमिका निभा रहा है ताकि किसान इस विविधिकरण के दौर में बागवानी फसलों को अपना कर अधिकाधिक आय अर्जित करने के साथ–साथ अधिकाधिक रोजगार के अवसर पा सकें।

उपरोक्त सभी सेवाएं/कार्यकम राज्य सरकार व भारत सरकार के सहयोग से सफलतापूर्वक चलाये जा रहे हैं। किसान भाईयों को यह सेवाएं राज्य, जिला तथा खण्ड/तहसील स्तर पर कार्यरत अधिकारियों तथा कर्मचारियों द्वारा प्रदान की जा रहीं हैं।

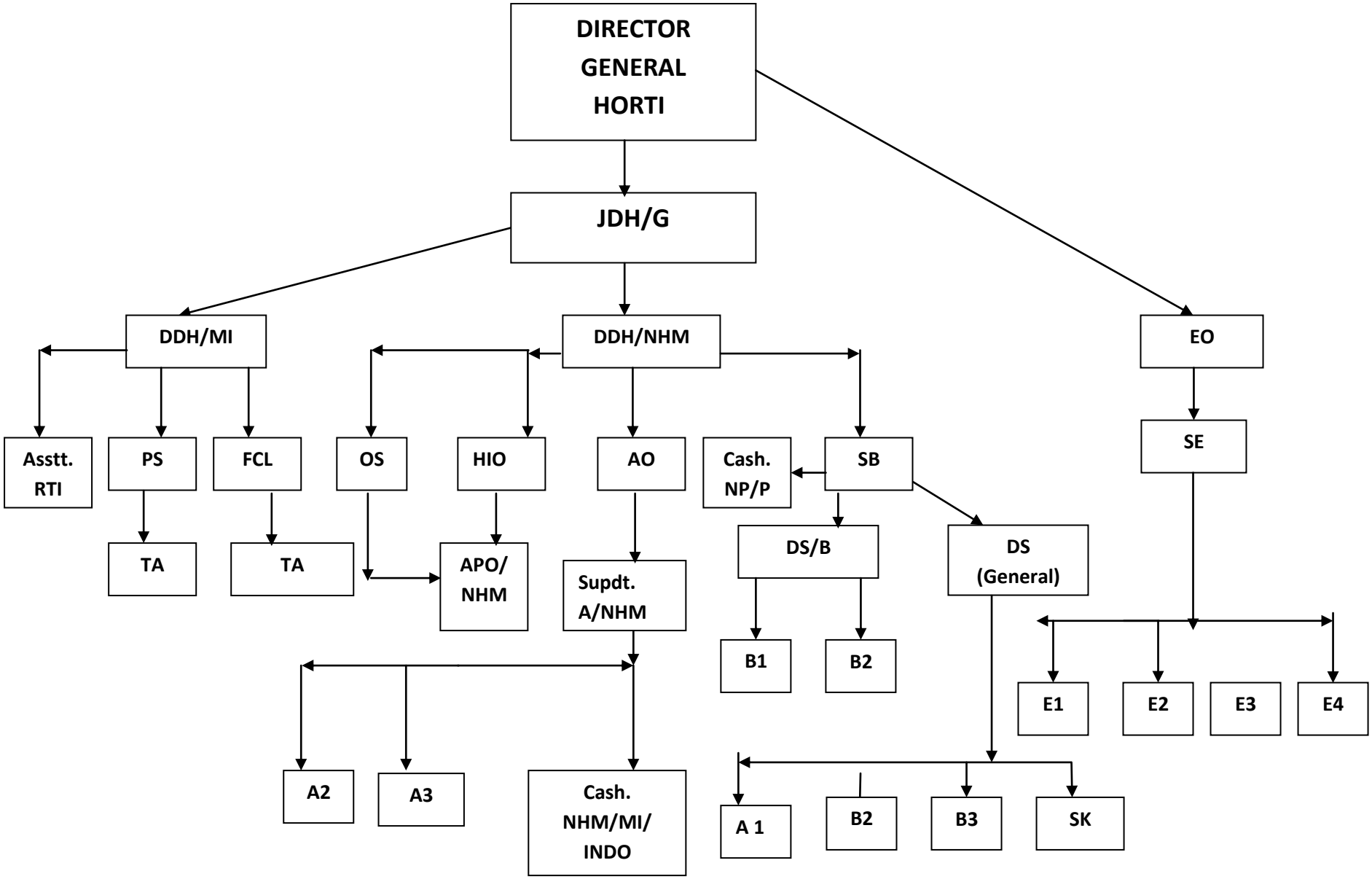
राज्य स्तर पर विभाग का मुख्यालय, उद्यान भवन, सैक्टर–21, पंचकुला में स्थित है। यहां विभिन्न स्तर के अधिकारी महानिदेशक, उद्यान की सहायता के लिए कार्यरत हैं। किसान भाई अपनी समस्याओं का समाधान खण्ड/तहसील तथा जिला स्तर पर विभाग के कर्मचारियों/अधिकारियों से सम्पर्क करके करा सकते हैं। किसी समस्या का समाधान अगर वहां नहीं हो पाता है तो उस स्थिति में समस्या के समाधान के लिए महानिदेशालय उद्यान से सम्पर्क किया जा सकता है।

विभाग की विभिन्न गतिविधियों एवं विभाग द्वारा चलाई जा रही विभिन्न परियोजनाओं का विवरण अगले पृष्ठों पर देखें।

विभाग का ढांचा

एवं

कार्य प्रणाली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JDH/G
DDH/MI
DDH/NHM
EO
Asstt. RTI
PS
FCL
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AO
Cash. NP/P
SB
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TA
TA
APO/ NHM
Supdt. A/NHM
DS/B
DS (General)
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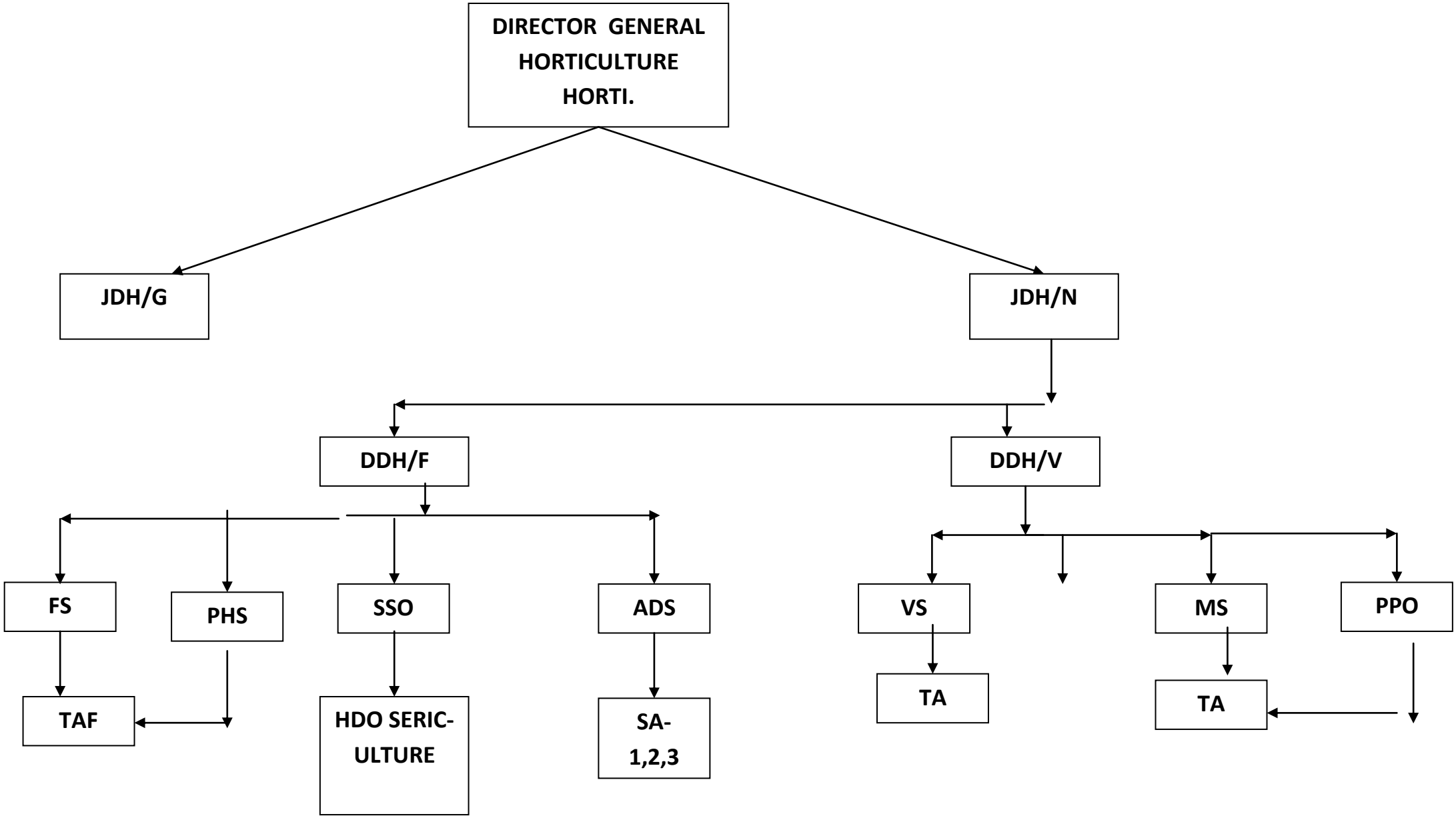
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JDH/G
JDH/N
DDH/F
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PHS
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PPO
TAF
HDO SERIC-ULTURE
SA-1,2,3
TA
TA

विभाग की कार्यप्रणाली एवं जिम्मेवारी

DIRECTOR GENERAL

Director General is the overall incharge of the Department and has the following functions and duties:
To form the policies of the Department.
To get implemented the programmes in tandem with the defined objectives and targets according to the plans.
To review and monitor the programmes and issue the instructions accordingly.
To oversee the welfare of the Department.
To attend the meetings at Govt. levels and with other institutions.

HEAD QUARTER

JOINT DIRECTOR OF HORTICULTURE GENERAL)[JDH/G]

Work Allotted:

Accounts
Budget
National Horticulture Mission
Micro Irrigation
Small Farmers' Agribusiness Consortium
Plan and Non Plan Schemes
Chief Vigilance Officer
First Appeallete Authourity under RTI Act, 2005
Nodal Officer for implementation of Court Desicions.

Duties:

To assist DGH day to day to working and policy formulation of the Department.
To oversee the matters related to accounts and budget and put up the matters before DGH for his concurrence and approval.
To get prepared the Annual Action Plans of NHM, MI, NMM, SFACH and Plan & Non-Plan schemes and appraisal to DGH for his final concurrence and approval.
To oversee the implementation and providing of information under RTI Act-2005.

JOINT DIRECTOR HORTICULTURE (NHM)[JDH/N]

Work Allotted:

National Horticulture Mission

National Mission on Medicinal Plants

Plan and Non Plan Schemes

Duties:

To assist DGH day to day working and policy formulation of the Department.

To oversee the matters related to NHM, NMM and Plan and Non-Plan Schemes and put up the matters before the Director General for his concurrence and approval.

To get implemented the Approved Action Plans of NHM, NMM and Plan and Non-plan schemes.

To review the physical and financial progress of NHM, NMM, Plan and Non-Plan Schemes and apprise to DGH for further implementation strategy and action.

To assist JDGH/G for preparation of Annual Action Plans of NHM, NMM and Plan & Non-Plan Schemes.

To attend meetings in absence of DGH.

DEPUTY DIRECTOR (MI)

WORK ASSIGNED

Centrally Sponsored Micro Irrigation Scheme.

National Mission on Indo Israel Projects.

Protected Cultivation Components of NHM Scheme.

Sanctions of Community Tanks under NHM

Inquiries & Inspections

Floriculture Projects and Floriculture Scheme.

NATURE OF DUTIES

Formulation, Implementation through DHO's and monitoring of Centrally Sponsored, Micro Irrigation Scheme in supervisory capacity.

To examine community tank cases under NHM and to submit to JDH for further submmission to DGH for approval and concurrance.

Implementation of Indo Israel Projects.

Implementation of protected cultivation components through DHOs and its monitoring.

Enquiries and inspection of subordinate staff as and when assigned.

DEPUTY DIRECTOR (NHM)

WORK ASSIGNED

Centrally Sponsored National Horticulture Mission Scheme.

Centrally Sponsored Small Farmers Agribusiness Consortium Scheme.

Plan & Non Plan Scheme, Budget and Account.

Organic Farming.

NATURE OF DUTIES

Formulation of schemes and implementation through DHO's the work assigned.

To examine & to submit the cases to JDH for further submission to DGH for approval and concurrence.

To prepare Annual Action Plan of all CSS and State Plan Scheme.

To review the monthly and quarterly report of above schemes.

Enquiries and inspection of subordinate staff as and when assigned.

To examine & submit the budget and account matters to JDH(G).

Preparation of meeting proceedings related to above schemes.

Approval of tour programmes.

Transaction of bills (medical/budget etc.).

Audit Paras, P.A.C/C.A.G. Reports.

DEPUTY DIRECTOR HORTICULTURE/VEGETABLE

WORK ASSIGNED

Formulation and implementation through DHO's the work assigned.

To examine & to submit the cases to JDH for further submission to DGH for approval & concourrance.

Vegetable, Spices, Mushroom-Extension and Production.

RKVY (Rastriya Vikas Yojna).

MDA (Mewat Development Authority) schemes.

DRDA (District Rural Development Authority) Schemes.

Shivalik Development Scheme.

Shows, Seminars and Field Days.

IPM

Plant Health Clinics.

Centrally Sponsored National Horticulture Mission on Medicional Plants.

NATURE OF DUTIES

Vegetable Seed Licensing

Seed Samplings.

Vegetable Seed Production Programme.

State Seed Sub Committee and Central Seed Sub Committee for Variety Release.

Assesment of loss due to weather vagaries i.e. drought, flood, hot & cold etc.

To prepare action plan related to work assigned.

To formulate extension strategy for work assigned and identification of sources.

Coordination with HSDC, HAIC.

To assist in scheme preparation & its implementation.

To conduct departmental enquiries relating to Vegetable Section.

To conduct and co-ordinate shows, seminars, field days in the State.

To review/prepare reports related to work assigned.

DEPUTY DIRECTOR of HORTICULTURE/FRUITS

WORK ASSIGNED

Fruits.

Govt. Garden & Nurseries and Private Nurseries in the State.

Show-Mango Mela.

Biotechnology-Tissue Culture.

NATURE OF DUTIES

Formulation and implementation through DHO's the work assigned.

To examine & to submit the cases to JDH(N) for further submission to DGH for approval & monitoring.

Fruit Planting Material Production Programme.

Vegetable Seed Production Programme at GGNs & HSDC.

To assist scheme preparation and its implementation related to fruits.

Licensing authority of nurseries related to fruits under Fruit & Nursery Act.

To review progress reports related to work assigned.

Enquiries and inspection of subordinate staff as & when assigned.

To submit the cases to JDH(N) and cases related to Biotechnology and Tissue Culture.

To co-ordinate with NHB, HSDC and other related department concerning fruit matters.

VEGETABLE SPECIALIST

WORK ASSIGNED

Vegetable, Spices, Extension and Production.

RKVY (Rastriya Krishi Vikas Yojna).

MDA (Mewat Development Authority) Scheme.

DRDA (District Rural Development Authority) Scheme.

Shivalik Development Scheme.

Trainings, Shows, Seminars, Visit, Fair etc.

NATURE OF DUTIES

Examination of technical aspects of work assigned, analysis of these reports and put up the matters to higher authority for approval.

Vegetable Seed Licensing

Seed Samplings.

Vegetable Seed Production Programme.

State Seed Sub Committee for Variety Release.

Compilation of reports relating to Vegetable Section.

Coordination with HSDC, HAIC, CADA, MDA, DRDA, Shivalik Development Board.

Preparation of reply for reports/letters submission to Government related to Vegetable section.

Assist in preparation of guidelines related to assigned work.

FRUIT SPECIALIST

WORK ASSIGEND

Fruits.

Govt. Garden & Nurseries and Private Nurseries in the State. All related works.

Show-Mango Mela.

Biotechnology-Tissue Culture. Potato and Fruits.

HAU Workshop

NHB, CSF.

NATURE OF DUTIES.

To examine & submit the cases related to nurseries and NHM, GGNs or Private nurseries to higher authorities for approval. 2nd and 3rd years maintenance rejuvihition.

Examination of license under Nursery Act-Cases regarding.

Fruit Planting Material Production Programme at GGN's.

Vegetable Seed Production Programme at GGNs & HSDC. Potato & Fruits.

Assist in identification of sources for planting material.

Submit the cases for approval of GGNs auction and cropping plan.

Preparation of annual strategy for biotechnology including tissue culture plants for production & supply from HBC, Uchani.

Assist in preparation of guidelines related to assigned work.

PLASTICULTURE SPECIALIST

WORK ASSIGEND

Micro Irrigation Scheme.

Protected cultivation-poly green houses, shade net houses, plastic tunnels, low tunnels, mulching etc.

Indo Israel Projects.

NATURE OF DUTIES.

Examination of technical aspects of the scheme, analysis of these aspects for approval and put up the matter to higher officers.

Regulation of scheme including analysis of documents of firms, registration of firms etc.

Assist the higher officers in implementation of assigned schemes/projects.

Preparation of instructions, guidelines where necessary.

Preparation of material for creating awareness among the farmers to popularize the scheme.

To assist higher officers in implementation of components of Protected Cultivation/Precision Farming in the State.

Monitoring of evolution.

STATE SERICULTURE OFFICER

WORK ASSIGEND

To look after the work of Sericulture

NATURE OF DUTIES.

Examination of sericulture work assigned & put up for approval of higher authority.

POST HARVEST MANAGEMENT SPECIALIST

WORK ASSIGEND

Post Harvest Management (NHM and others scheme)

Processing Unit.

Project related to PHM.

NATURE OF DUTIES.

Examination of NHM projects for Post Harvest Management to higher authorities plastic crops and packing materials arrangements put up to higher authorities.

Food processing and training related to PHN put up to higher authorities.

FLORICULTURIST

WORK ASSIGEND

Floriculture. Fruits and Schemes.

Food Processing. Commounity Tanks under NHM.

Organic Farming.

Medicinal & Aromatic Plants (MAP)

Work related to North Zone Council, Banker etc.

Work related to SMS Sewa, Horticulture Problems.

Work related to North zone council, Baulur etc.

NATURE OF DUTIES.

Examination of technical aspects of the work assigned & put up for approval of higher authority.

To assist the senior officers in project and scheme formulation, regulation and monitoring of field work.

Preparation of progress reports & to update the same related to work assigned.

Preparation of reply for reports/letters for submission to Government.

PLANT PROTECTION OFFICER

WORK ASSIGEND

NHM Projects.

IPM

NATURE OF DUTIES.

Examination of technical aspects of work assigned analysis of projects & put up the cases to higher authorities for approval.

Compilation of reports related to work assigned.

To assist the officers in inspection & monitoring of work assigned.

Preparation of agendas & minutes of Small Farmers Agribusiness Consotium.

Assesment of loss due to weather vagaries i.e. drought, fllod, hot & cold etc.

ORGANIC SPECIALIST

WORK ASSIGEND

Organic Farming.

International trainings under NHM/Projects.

Trainings and courses.

NATURE OF DUTIES

Examination of technical and financial aspects of cases related to assigned work and put up to higher authorities for approval.

Preparation of reports, agendas for the work assigned.

To assist the higher officers in inspection & monitoring of scheme proposals.

HORTICULTURE INFORMATION OFFICER

WORK ASSIGEND

Staff Meetings

National Horticulture Mission. Progress and annual action programme.

NATURE OF DUTIES.

Examination of technical and financial aspects of cases related to assigned work and put up to higher authorities for approval.

Assist in preparation of reply related to work assigned.

Compilation of Annual Action Plan of NHM.

Compilation of NHM reports & online assistance in reports.

Preparation of agendas & minutes of monthly & other staff meetings

TECHNICAL ASSISTANT (MICRO IRRIGATION)

WORK ASSIGEND

Technical matter of MI Scheme.

Community tanks under NHM.

Protected Cultivation.

NATURE OF DUTIES.

Examination and analysis of cases and put up to higher officers with observation.

Preparation of reports.

Update the information.

TECHNICAL ASSISTANT (NHM)

WORK ASSIGEND

All technical matters of NHM.

Organic Farming.

Organic Trainings.

NATURE OF DUTIES.

Examination and analysis of cases and put up to higher officers with observation.

Preparation of reports.

Update the information.

TECHNICAL ASSISTANT (TAM)

WORK ASSIGEND

Attached with PPO to deal the cases related to miscellaneous works, and food processing.

Assembly, Lok Sabha Questions.

General letters, circulars, Activities.

NATURE OF DUTIES.

To assist the senior officers in dealing with various cases of above said components & put up to higher officers with observation.

To submit the cases related to floriculture, food processing, organic farming and other miscellaneous works to the senior officers for disposal.

To assist the senior officers in supervision, monitoring and compilation of works related to above said components.

TECHNICAL ASSISTANT (VEG.)

WORK ASSIGNED

Vegetable, Spices, Mushroom-Extension and Production.

RKVY (Rastriya Krishi Vikas Yojna).

MDA (Mewat Development Authority) Schemes.

DRDA (District Rural Development Authority) Schemes.

(Shivalik Development Board) Schemes.

National Mission on Meditional Plants.

SCP

Sericulture

NATURE OF DUTIES

Examination of technical aspects of work assigned analysis of these reports and put up the matters to higher authorities for approval.

Vegetable Seed Licensing

Seed Samplings.

Vegetable Seed Production Programme.

State Seed Sub Committee for Variety Release.

Compilation of reports relating to Vegetable Section.

Coordination with HSDC, HAIC, CADA, MDA, DRDA, Shivalik Development Board.

Preparation of reply for reports/letters submission to Government related to Vegetable Section.

Assist in preparation of guidelines related to assigned work.

TECHNICAL ASSISTANT (FRUIT)

WORK ASSIGEND

Fruits.

Govt. Garden & Nurseries and Private Nurseries in the State.

Show-Mango Mela.

Biotechnology-Tissue Culture.

HAU Workshop

NHB, CSF.

NATURE OF DUTIES.

To examine & submit the cases related to NHM, GGNs & Private nurseries to higher authorities for approval.

Examination of license under Nursery Act-Cases regarding.

Area expenses 2nd, 3rd years maintenance, Rejuvination.

Fruit Planting Material Production Programme.

Vegetable Seed Production Programme at GGNs & HSDC. (Potato and others)

Assist in identification of sources for planting material.

Submit the cases for approval of GGNs auction and cropping plan.

Preparation of annual strategy for biotechnology including tissue culture plants for production & supply.(HBC Uchani).

Assist in preparation of guidelines related to assigned work.

ASSISTANT DIRECTOR STATISTICS

WORK ASSIGNED

Collection, compilation & preparation of date/statistics of Horticulture crops under extension activities.

Monthly Reports.

Governor Reports.

Annual Administrative Reports.

Weather Watch Report.

Crop Cutting Experiments.

Growers list related to farmers in the State.

Crop Insurance.

NATURE OF DUTIES

Examination of data related to work assigned & submits to higher authorities for approval.

Inspection of data related to work assigned.

Examination of crop insurance.

Preparation of agenda & minutes of work assigned.

STATISTICAL ASSISTANT-I

WORK ASSIGEND

Collection, compilation & preparation of data/statistics of Horticulture crops under extension activities.

Governor Reports.

Annual Administrative Reports.

Weather Watch Report.

Crop Cutting Experiments.

Growers list related to farmers in the State.

Crop Insurance.

NATURE OF DUTIES.

To assist the senior officers in dealing with various cases of above said components & put up to higher officers with observation.

Analysis & preparation of the Monthly Governor Report.

Analysis & preparation of Quarterly Progress Report.

Analysis & preparation Crop-Cutting Experiment Estimate of Mango and Citrus crops.

Correspondence to State Govt. & Central Govt.

Preparation of data from Final Forecast Report.

Preparation of Annual Administrative Report.

Impart crop cutting training of potato, onion, citrus and mango.

Preparation of Bench Mark Data related to Horticulture Crops.

Preparation of crop insurance Report.

Preparation of achievement of all Horticulture crops from Annual Progress Report.

Preparation of misc. data.

STATISTICAL ASSISTANT-II

WORK ASSIGEND

Monthly Progress Report.

Crop Cutting Experiments & to prepare estimates.

Weather Watch Reports.

Annual Progress Report.

Correspondence to the field staff.

NATURE OF DUTIES.

To assist the senior officers in dealing with various cases of above said components & put up to higher officers with observation.

Preparation of Achievement of Monthly Report (every month) Area and Production of fruit, vegetable, mushroom (tray), spices, floriculture and medicinal plants etc.

Selection of villages for crop cutting mango, citrus, potato and onion crop.

Preparation instructions for crop cutting mango, citrus, potato and onion crop.

Correspondence in the field staff for removing descreprcier of monthly report and crop cutting experiments.

Impart crop cutting training (allotted me) potato, onion, citrus and mango crop.

Tabulation of crop cutting form of potato and onion crop.

Preparation the crop cutting estimated of production of potato and onion crop.

Preparation of weather watch report to sent to Jaipur.

Preparation the forms for Annual Progress Report.

Preparation the Annual Tentative Data of State (Area & Production of Fruit, Vegetable, Mushroom (Tray), Spices, Floriculture and medicinal Plants etc.).

To prepare report on SCP scheme.

ESTABLISHMENT OFFICER

WORK ASSIGEND

Over all supervision of administrative matters.

Nodal officer for O & M (Administrative Reforms).

Nodal officer for Pension Cases.

NATURE OF DUTIES.

To get maintained and upkeep the personal memoranda of all the officials of the department.

To process, examinee and get the cases of approval of all the benefits to be given to employers and also the disciplinary cases, court cases and other related matter of personal management & put up to higher authorities.

SUPERINTENDENT ESTABLISHMENT

WORK ASSIGEND

All matter relating to Establishment of Horticulture Department and NHM, MI.

Promotion Cases.

Recruitment Cases.

Court Cases.

Pension Cases.

Enquiries.

Complaints.

Increments/ACPs

NATURE OF DUTIES.

To examine and submit the cases to higher authorities.

To get maintained and upkeep the personal memoranda of all the officials of the department.

To process, examinee and get the cases of approval of all the benefits to be given to employers and also the disciplinary cases, court cases and other related matter of personal management & put up to higher authorities.

ESTABLISHMENT-I

WORK ASSIGEND

Establishment matters of all Drivers and Horticulture Supervisors and NHM, MI.

Outsourceing

Pension Cases.

To deal complaints received from DHO, Panchkula, Kaithal, Yamunanagar, Rohtak and Karnal.

HIPA Training.

All the misc. instructions & reports to be sent to Govt.

NATURE OF DUTIES.

To put up matters after examining the work assigned for further approval to higher authorities.

Final disposal of the cases including intimation to the concerned after approval.

To deal the information relating to Govt.

To deal Govt. letters, instructions, notifications received from Govt.

Any other information to be sent to Govt. and other Departments i.e. Quarterly, Monthly and Annually Govt. Reports (Misc.).

ACP of all drivers and horticulture supervisors.

Pay fixation of all drivers and horticulture supervisors.

Extension cases.

Enquiry cases.

Completing Service Book.

ACRs.

ESTABLISHMENT-II

WORK ASSIGEND

Establishment matters related to Class-I, II, TAs, APOs and SAs.

To deal complaints received from DHO, Kurukshetra, Sonepat, Jind, Sirsa, Jhajjar.

NATURE OF DUTIES.

To put up matters after examining the work assigned for further approval to higher authorities.

Final disposal of the cases including intimation to the concerned after approval.

Promotion cases.

Appointment cases.

Court cases.

Extension cases.

Enquiry cases.

ESTABLISHMENT-III

WORK ASSIGEND

Establishment of Deputy Superintendent, Clerk, Steno/Steno Grapher, Assistant and Accountant Class IV field and Head Quarter Staff/Ministrial Staff. Final disposal of the cases including intimation to the concerned after approval.

To deal complaints received from DHO, Ambala, Gurgaon, Mewat, Palwal, Faridabad, Hisar.

NATURE OF DUTIES.

To put up matters after examining the work assigned for further approval to higher authorities.

Pay fixation, Promotion, Punishment and ACP.

Completing Service Book.

ACRs.

Court Cases.

All other works assigned by the senior officers from time to time.

ESTABLISHMENT-IV

WORK ASSIGEND

Establishment matters of Horticulture Development Officers.

Final disposal of the cases including intimation to the concerned after approval.

To deal complaints received from DHO, Bhiwani, Panipat, Rewari, Fatehabad, Narnaul.

NATURE OF DUTIES.

To put up matters after examining the work assigned for further approval to higher authorities.

Pay fixation, Promotion, Punishment and ACP.

Completing Service Book.

ACRs.

Court Cases.

All type of complaints.

All other works assigned by the senior officers time to time.

SUPERINTENDENT (NHM)

WORK ASSIGEND

PAC, CAG and Audit Paras.

Physical Verification.

Tour Programme, Approval and Counter signature.

JBJ of Vehicle.

Nature of Duties

Proposals submitted to higher authorities for approval of work related after examining fro approval to higher authorities.

Any other work assigned by the authorities.

Examination and supervision of audit work, physical verification, tour programme, C.S., JBJ of vehicles.

ASSISTANT-II

WORK ASSIGEND

Medical, GIS etc.

NATURE OF DUTIES.

To examine and submit the cases to higher authorities.

Final disposal of the cases including intimation to the concerned after approval.

ASSISTANT-III

WORK ASSIGEND

PAC, CAG and Audit Paras.

Physical Verification.

Tour Programme, Approval and Counter Sign.

JBJ of Vehicle.

NATURE OF DUTIES.

To examine and submit the cases to higher authorities.

Final disposal of the cases including intimation to the concerned after approval.

CASHIER

WORK ASSIGEND

Cash (NHM-MI Indo Israel)

NATURE OF DUTIES.

To examine and submit the cases to higher authorities.

ACCOUNTS OFFICER

WORK ASSIGEND

Accounts Matters department, NHM & other schemes.

NATURE OF DUTIES.

To examine and submit the cases to higher authorities.

To supervise the work of Account Branch and NHM Branch including the case of financial benefit from establishment matter, including pay fixation, ACP and other duties assigned by management.

SUPERINTENDENT BUDGET

WORK ASSIGEND

All plan and Non-plan schemes.

CSS (100% & Sharing basis).

Store and Verification.

DDO of Paln Non Plan.

NATURE OF DUTIES.

Supervision/appraisal to higher authority follow up the scheme/sanctions at Govt. Level, observations and analysis in assigned matter and to put up the cases to higher authority for approval.

CASHIER

WORK ASSIGEND

Cash of all plan and Non-plan schemes.

NATURE OF DUTIES.

To examine and submit the cases to higher authorites.

DEPUTY SUPERINTENDENT (B)

WORK ASSIGEND

CSS (10% and Sharing).

Budget allotment of CSS (10% and Sharing).

NATURE OF DUTIES.

To examine and submit the cases to higher authorities.

To get the file processed from higher officers and then intimate to the concerned officials

ASSISTANT- B-II

WORK ASSIGEND

All State Schemes (Plan/Non-Plan).

NATURE OF DUTIES.

To examine and submit the cases to higher authorities.

To get the file processed from higher officers and then intimate to the concerned officials.

To examine and put up the cases of all financial sanctions (Principal, HTI, Uchani, DHOs, Superintendent Horticulture, Gharaunda and Mangiana).

Final disposal of the cases including intimation to the concerned after approval.

ASSISTANT B-I

WORK ASSIGEND

CSS (10% and Sharing).

Expenditure report and prepare balance sheet.

Monthly report of SC/BC and Women farmers to give benefit.

Monthly and quarterly reports send to Govt. of India.

NATURE OF DUTIES.

To examine and submit the cases to higher authorities.

Final disposal of the cases including intimation to the concerned after approval.

To get the file processed to higher officers through Superintendent Budget.

Deal and dispose of all sanctions, budget and progress report.

To collect the DDO Powers from A.G., Haryana.

To provide the departmental reports time to time.

To examine and put up the cases for decision to higher authorities related to work assigned as:

Budge allotment.

Expenditure Report.

Balance Sheet.

Monthly & Quarterly Scheme and report of SC/BC & other farmers.

DEPUTY SUPERINTENDENT /G

WORK ASSIGEND

Marking of fresh receipt Dak

All kinds of bills.

All loans and advances cases.

Reconcilation

Quarterly monthly report.

NATURE OF DUTIES.

To examine and submit the cases to higher authorities for approval.

ASSISTANT-I

WORK ASSIGNED

TA Bill.

Income Tax.

Arrear Bill.

Misc. Bill.

NATURE OF DUTIES

To examine and submit the cases to higher authorities.

Final disposal of the cases including intimation to the concerned after approval.

ASSISTANT- B-II

WORK ASSIGEND

All State Schemes (Plan/Non-Plan).

Loan and Advances.

NATURE OF DUTIES.

To examine and submit the cases to higher authorities.

To get the file processed from higher officers and then intimate to the concerned officials.

To examine and put up the cases of all financial sanctions (Principal, HTI, Uchani, DHOs, Superintendent Horticulture, Gharaunda and Mangiana).

Final disposal of the cases including intimation to the concerned after approval.

ASSISTANT (STORE KEEPER)

WORK ASSIGEND

All sale/purchase & maintenance of all records.

NATURE OF DUTIES.

To examine and submit the cases to higher authorities.

Examination and put up the files to officers for decision.

Collection of material & supply related to scheme.

Maintenance of data records of stores & supplies.

Final disposal of the cases including intimation to the concerned after approval.

BUDGET-III

Work assigned

All reconciliation work

Receipt 0401

Nature of Duties

To examine and submit the cases to higher authorities.

Examination and put up the cases related to work assigned for approval from higher authorities.

Final disposal of the cases including intimation to the concerned after approval.

ASSISTANT (G-I)

WORK ASSIGEND

Medical Bill

GIS.

NATURE OF DUTIES.

To examine and submit the cases to higher authorities.

ASSISTANT RTI

WORK ASSIGEND

RTI Act.

NATURE OF DUTIES.

To put up matters after examining the work assigned for further approval to SPIO & 1st Appeallate Authority.

Final disposal of the cases including intimation to the concerned applicant after approval.

To update the information in the related matters.

HORTICULTURE TRAINING INSTITUTE

PRINCIPAL

Principal, Horticulture Training Institute, Uchani, Karnal is the head of Institute and he has the following functions and duties:

To run the affairs of the Institute.

To chalk out various need based training programmes.

To conduct training courses and get implemented the training programmes.

To send proposal to head-office for approval and sanction.

To impart training to the farmers and field functionaries in various latest technologies who in turn disseminate the same to the farmers.

To finalize the lectures on various disciplines, contact with other research/training institutes for liasioning.

TRAINER

Work Allotted:

Training and teaching to

Farmers

Entrepreneurs

Students

Officers and officials

Duties:

To impart training to all categories of interested pupils assigned to them by the Head of Institute and Head of Department.

To teach the students admitted in various courses in the Institute.

To prepare the syllabus according to the appraisal needs of the training module.

To update oneself and also to provide practical training module to the trainees.

To accompany the trainees while visiting inside and outside the State as part of training structure.

To conduct examination and prepare the results according the work assigned to them.

To assist the Principal in chalking out need based training programmes and also in day to day activities to run the Institute as per the norms and guidelines.

DEMONSTRATOR

Duties and Functions:

To demonstrate various technologies/activities taken up in the growing of horticultural and vegetable crops to the trainees and students.

To execute and look after the landscape work of the Institute.

To perform all such work like stock entry and purchase etc. which is necessary while executing the work.

FIELD STAFF

DISTRICT HORTICULTURE OFFICERS

District Horticulture Officer is the head of district for horticulture works and has the following functions and duties:-

To implement the schemes, programmes and activities of the department properly and meaningfully as per the provisions and guidelines issued from time to time.

He is overall responsible for the field development work in his respective district. All the difficulties faced by the farmers, as regards the technological know-how, arrangement of quality planting material, seeds and other inputs etc., are removed after proper and thorough consideration and if required with the help of research institutions and other agencies also.

To attend meetings within department, in the Govt. and other institutions.

To get all the reports prepared as per the scheme and requirements of the department and send the same to appropriate authority.

SUPERINTENDENT HORTICULTURE AND HDO-CUM-FARM MANAGERS AND HORTICULTURE SUPERVISORS:

Work Allotted:

Government Garden/Seed Farm and Nursery Management

Duties:

To have responsibility for overall management of the farm. The farm managers and Horticulture Supervisor have collective responsibility along with the District Horticulture Officer in whose jurisdiction the nursery falls.

To prepare the cropping plan, get these approved from the competent authority and further take up their sowing, crop operations, harvesting and further its sale to farmers.

To propagate disease free quality plant material from the valuable progeny material to meet the requirement of the farmers of the State.

To achieve the physical and financial targets fixed for fruit plant production, vegetable seed production.

To supply quality planting material of all horticultural crops as per farm management plan to the farmers or other institutions.

To multiply breeder and foundation seed potato as per plan.

To undertake seed production programme of NSC, HSDC etc.

To undertake trials of various new varieties of horticultural corps to check their suitability and adaptability in the State/at that particular area.

FIELD - ASSISTANT PROJECT OFFICERS/TAS

APO/TA is working directly under DHO and has the following functions and duties:

To prepare all the reports as per the scheme and requirements of the department after taking it from the HDOs and/or from the other staff working under the DHO.

To feed the data online and offline as per the instructions.

To apprise the DHO about physical and financial progress of the district on periodic basis.

To get organized the various functions and field days in association with HDO.

To act as a strong linkage between DHO and HDO and other staff.

HORTICULTURE DEVELOPMENT OFFICERS

Horticulture Development Officer works under the overall supervision of District Horticulture Officer and have following functions and duties:

To implement the schemes, programmes and activities of the department properly and meaningfully as per the provisions and guidelines issued from time to time.

He is overall responsible for the field development work in his respective block. All the difficulties faced by the farmers, as regards the technological know-how, arrangement of quality planting material, seeds and other inputs etc., are removed after proper and thorough consideration and if required with the help of research institutions and other agencies also but with the active involvement of the DHO.

To attend meetings within Department.

To supply the correct information and data including physical and financial progress of his block in various schemes to DHO and also assist the DHO and /or APOs/TAs in preparing the reports

DATA ENTRY OPERATOR

The whole work at computers is to be done by this operator. One has to compile/feed the data collected by field functionaries and head office level.

COMPUTER OPERATOR

The whole basic work of computing like work, excel, powerpoint, access etc. is to be performed by the computer operator for the branch or officer/official.

LAB. ASSISTANT AND LAB. ANALYST

The main job of these posts is to help in analysis and other activities to be undertaken in the laboratories at the time of trainings/experiments. They will also protect the machinery and will be responsible for their proper upkeep at idle times.

ASSISTANT LIBRARIAN

The main job is the proper upkeep, indexing, maintenance and distribution of books to trainers, students as per the framed guidelines.

PERSONAL ASSISTANT

The PA is to assist Director General and keeping his day to day business/engagements.

SENIOR SCALE STENOGRAPHER/ JUNIOR SCALE STENOGRAPHER/ STENO-TYPISTS.

The main duty is of taking dictation and typing the letters and other documents. The Senior Scale Stenographers are attached with Joint Director and Principal. Junior Scale Stenographer and Steno-Typist are attached with other Class-I and Class-II officers at Directorate, H.T.I, and district levels.

विभाग में
चलाई जा रही
विभिन्न योजनाएं
एवं
सुविधाएं।

Sr. No.	Name of Scheme
Non Plan Scheme	
1.	2401-Crop-Husbandry-119-Horticulture & Vegetable Crops (SB No. 98) Non Plan Scheme for setting up of Directorate of Horticulture in (Recurring)
2.	2401-Crop-Husbandry-119-Horticulture & Vegetable Crops (SB No. 97) Non Plan Scheme for Various Horticulture Activities in Haryana. (Recurring)
3.	2401-Crop-Husbandry-119-Horticulture & Vegetable Crops (SB No. 92) Non Plan Scheme for Agricultural Human Resources Development.
Part-I Plan Scheme	
1	2401-Crop-Husbandry-119-Horticulture & Vegetable Crops Plan Scheme for seeting up of Directorate of Horticultue in Haryana (SB No. 94)
2	2401-Crop-Husbandry-119-Horticulture & Vegetable Crops Plan Scheme for Agricultural Human Resources Development. (SB No. 92)
3	2401-Crop-Husbandry-119-Horticulture & Vegetable Crops Plan Scheme for Demonstration-cum-Food Processing Centre Technology in Haryana. (SB No. 70)
4	2401-Crop-Husbandry-119-Horticulture & Vegetable Crops Plan Scheme for Horticulture Bio-Technology Centre in Haryana State. (SB No. 66)

5	2401-Crop-Husbandry-119-Horticulture & Vegetable Crops Plan Scheme for Integrated Horticulture Development in Haryana. (SB No. 65)
6	2401-Crop-Husbandry-119-Horticulture & Vegetable Crops New Plan Scheme for Information Technology in Haryana.
7	2401-Crop-Husbandry-119-Horticulture & Vegetable Crops New Plan Scheme for Good Agricultural Practices and effect of Pesticide Residue on Fruits and Vegetables.
8	2401-Crop-Husbandry-119-Horticulture & Vegetable Crops New Plan Scheme for Strengthing of Horticulture Department in Haryana.
9	2401-Crop-Husbandry-789-Sapical Component Plan for Scheduled Caste Integrated Horticulture Development Plan Scheme for Scheduled Caste Families. (SB No. 98)
Part-II Central Plan Scheme (sharing)	
1.	2401-Crop-Husbandry-119-Horticulture & Vegetable Crops Central Plan Scheme on Micro Irrigation Sharing Basis State Share (SB No. 72)
2.	2401-Crop-Husbandry-119-Horticulture & Vegetable Crops Plan Scheme on National Horticulture Mission (NHM) Sharing Basis State Share (SB No. 69)
3.	2401-Crop-Husbandry-119-Horticulture & Vegetable Crops Central Plan Scheme on Horticulture Crops Insurance in Haryana (Sharing Basis). (SB No. 63)
4.	2401-Crop-Husbandry-119-Horticulture & Vegetable Crops Central Plan Scheme for Catalytic Development Programme (Sharing Basis) in Sericulture (CDP) Haryana (SB No. 62)

Part-111	**Centrially Sponshord schemes (100%)**
1.	2401-Crop-Husbandry-119-Horticulture & Vegetable Crops (SB No. 73) Central Sponsored Scheme on improvement of Agricultural Statistics (CES on Fruits and Vegetable Crops)
2	National Mission on Meditional Plants

Sr. No.	Manjore/Minor Budget Head	Head of Development	**Annual Plan 2010-11**			**Annual Plan 2011-12**
		(Part-I Plan Schemes)	**Approved Outlay**	**Anticipated Expenditure**	**Proposed Outlay**	**Of which Capital Content**
1		2401-Crop-Husbandry-119-Horticulture & Vegetable Crops: Plan Scheme for Setting up of Directorate of Horticulture in Haryana (SB No. 94)	120.00	120.00	120.00	
2		2401-Crop-Husbandry-119-Horticulture & Vegetable Crops: Plan Scheme for Agricultural Human Resources Development (SB No.92)	77.00	135.11	85.00	
3		2401-Crop-Husbandry-119-Horticulture & Vegetable Crops: Plan Scheme for Deomnstration-cum-Food Processing Technology in Haryana (SB No.70)	50.00	50.00	56.00	
4		2401-Crop-Husbandry-119-Horticulture & Vegetable Crops: Plan Scheme for Horticulture Bio-Technology Centre in Haryana State (SB No.66)	40.00	40.00	20.00	

5		2401-Crop-Husbandry-119-Horticulture & Vegetable Crops: Scheme for Integrated Horticulture Development in Haryana (SB No.65)	227.00	227.00	298.00	
6		2401-Crop-Husbandry-119-Horticulture & Vegetable Crops: New Plan Scheme for Information Technology in Haryana	80.00	21.89	80.00	
7		2401-Crop-Husbandry-119-Horticulture & Vegetable Crops: New Plan Scheme for Good Agricultural Practices & Effect of Pesticide Residue on Fruits & Vegetable	0	0	100.00	
8		2401-Crop-Husbandry-119-Horticulture & Vegetable Crops: New Plan Scheme for Strengtheing of Horticulture Department	0	0	10.00	
9		2401-Crop-Husbandry-789-Special Component Plan for Schedule Castes Integrated Horticulture Development for Schedule Castes Families (SB No.98)	60.00	60.00	84.00	
		Total	**654.00**	**654.00**	**853.00**	

	Part-II Central Plan Scheme			
1	2401-Crop-Husbandry-119-Horticulture & Vegetable Crops: Central Plan Scheme on Micro Irrigation (Sharing Basis) State share (SB No.72)	1054.00	1054.00	1100.00
2	2401-Crop-Husbandry-119-Horticulture & Vegetable Crops: Central Plan Scheme for National Horticulture Mission (Sharing Basis) State share (SB No.69)	1215.00	1215.00	452.00
3	2401-Crop-Husbandry-119-Horticulture & Vegetable Crops: Central Plan Scheme Horticulture Crops Insurance in Haryana (SB No.63)	12.00	12.00	14.00
4	2401-Crop-Husbandry-119-Horticulture & Vegetable Crops: Central Plan Scheme for Catalytic Development Porogramme (Sharing Basis) in Sericulture (CDP) Haryana (SB No.62)	31.00	31.00	31.00
	Total	**2312.00**	**2312.00**	**1597.00**
	Grand Total (Part-I + Part-II)	**2966.00**	**2966.00**	**2450.00**
	Part-III Centrally Sponsored Plan Scheme (100%)			
1	2401-Crop-Husbandry-119-Horticulture & Vegetable Crops (SB No.73) Centrally Sponsored Scheme on Improvement of Agricultural Statistics (CES on Fruits & Vegetable Crops)	45.00	36.00	45.00
2	National Mission on Medicinal Plants			

राष्ट्रीय बागवानी मिशन के तहत किसानों को दी जाने वाली सुविधाएं।

बागवानी के अधीन अधिक से अधिक क्षेत्र को लाने के उदेश्य से भारत सरकार द्वारा वर्ष 2005–06 में राष्ट्रीय बागवानी मिशन का गठन किया गया है, जिसके तहत हरियाणा राज्य के कृषकों को निम्नलिखित सुविधाएं प्रदान क्भ्जा रही है। वर्ष 2009–10 में भारत सरकार द्वारा राष्ट्रीय बागवानी मिशन के अन्तर्गत 19 जिले पंचकुला, अम्बाला, यमुनानगर, करनाल, पानीपत, रोहतक, जीन्द, महेन्द्रगढ, सोनीपत, हिसार, फतेहाबाद, सिरसा, झज्जर, गुडगांव, मेवात, फरीदाबाद, भिवानी, पलवल तथा कुरूक्षेत्र (केवल मशरूम के लिए) का चयन किया गया।

क0 सं0	कार्यक्रम	अनुदान प्रतिशत		
1	फल उत्पादन	75	आम, नीम्बू वर्गीय फल, चीकू, अमरूद, आंवले, बेर के लिए 22500 रूपये प्रति हैक्टेयर (उपरोक्त राशि तीन वर्षों में 50:20:30 के अनुपात में दी जानी है।) एक कृषक को 4 हैक्टेयर क्षेत्र तक अनुदान सुविधा।	आम व चीकू– पंचकुला, अम्बाला, यमुनानगर व करनाल। नींबू वर्गीय–हिसार, फतेहाबाद, सिरसा, भिवानी, रोहतक, गुडगांव व झज्जर, जीन्द, महेन्द्रगढ। अमरूद–राष्ट्रीय बागवानी मिशन के अन्तर्गत चयन किये गये सभी जिले। बेर–रोहतक, फरीदाबाद, मेवात, झज्जर, भिवानी, सानीपत, हिसार, फतेहाबाद व सिरसा, महेन्द्रगढ। ऑवला–भिवानी, हिसार, फतेहाबाद, सिरसा, सोनीपत, रोहतक, मेवात, झज्जर, जीन्द व महेन्द्रगढ।
2	पुष्प उत्पादन			
	लघु एवं सीमांत कृषक	50	पुष्प डंडियों के लिए 35000 रूपयें कंद वाले फूलों के लिए 45000 रूपये तथा खुले फूलों के लिए	करनाल, पानीपत, रोहतक, सोनीपत, फरीदाबाद,

			6000 से 12000 रूपये प्रति हैक्टेयर। एक कृषक को 2 हैक्टेयर क्षेत्र तक अनुदान सुविधा।	मेवात, गुडगांव, झज्जर
	अन्य कृषक	33	पुष्प डंडियों के लिए 23100 रूपयें कंद वाले फूलों के लिए 29700 रूपये तथा खुले फूलों के लिए 3960 से 7920 रूपये प्रति हैक्टेयर। एक कृषक को 4 हैक्टेयर क्षेत्र तक अनुदान सुविधा।	पानीपत, रोहतक, सोनीपत, फरीदाबाद, मेवात, गुडगांव, झज्जर
3	खुम्ब उत्पादन	50	खुम्ब उत्पादन इकाइ क्म्स्थापना के लिए 25250 रूपये प्रति इकाई क्म्दर से अनुदान पुरानी इकाई पर 60 रूपये प्रति युनिट क्म्दर से 15000 रूपये तक अनुदान	पंचकुला, अम्बाला, यमुनानगर, करनाल, पानीपत, रोहतक, कुरूक्षेत्र, सोनीपत, गुडगांव, मेवात, फरीदाबाद व झज्जर।
4	मसालेदार फसलें	75	मिर्च, लहसुन, अदरक व हल्दी क्म्फसलों के लिए 11250 रूपये प्रति हैक्टेयर एक कृषक को 4 हैक्टेयर क्षेत्र तक अनुदान सुविधा।	मिर्च–पंचकुला, अम्बाला, यमुनानगर, करनाल, पानीपत, रोहतक, मेवात, सोनीपत, फरीदाबाद, सिरसा, गुडगांव, झज्जर, फतेहाबाद, हिसार, भिवानी, महेन्द्रगढ व जीन्द। लहसुन–मेवात, गुडगांव, झज्जर, जीन्द, पंचकुला, अम्बाला, पानीपत, यमुनानगर, करनाल, रोहतक, सोनीपत, हिसार, फतेहाबाद, सिरसा, महेन्द्रगढ, भिवानी व जीन्द। अदरक–पंचकुला व यमुनानगर हल्दी–अम्बाला, सोनीपत, जीन्द, पंचकुला, यमुनानगर, करनाल व पानीपत।
5	औषधीय व सुगन्धित पौधे	75	डामास्का रोजा, पामा रोजा, लैमन ग्रास, सिट्रोनैला	राष्ट्रीय बागवानी मिशन के अन्तर्गत चयन किये गये

			व मैथा के लिए 11250 रूपये प्रति हैक्टेयर। एक कृषक को 4 हैक्टेयर क्षेत्र तक अनुदान सुविधा।	सभी जिले।
6	पुराने एवं वृद्ध बागां का नवीनीकरण	50	आम, अमरूद, बेर, किन्नू तथा ऑवले के बागों के लिए 15000 रूपये प्रति हैक्टेयर। एक कृषक को 4 हैक्टेयर क्षेत्र तक अनुदान सुविधा।	राष्ट्रीय बागवानी मिशन के अन्तर्गत चयन किये गये सभी जिले।
7	पानी संसाधन	100	10 हैक्टेयर क्षेत्र क्ष्सिचाई हेतू प्रति सामूदायिक तालाब/फार्म तालाब बनाने के लिए 10 लाख रूपये तक अनुदान राशि	राष्ट्रीय बागवानी मिशन के अन्तर्गत चयन किये गये सभी जिले।
8	संरक्षित बागवानी			
	1. हरित गृह			
	लघु एवं सीमांत कृषक	50	अत्याधुनिक हरित गृह के निमार्ण के लिए 325 रूपये प्रति वर्ग मीटर सामान्य हरित गृह के निमार्ण के लिए 125 वर्ग प्रति मीटर क्ष्दर से अनुदान। एक कृषक को 1.000 वर्ग मीटर क्षेत्र तक अनुदान सुविधा।	राष्ट्रीय बागवानी मिशन के अन्तर्गत चयन किये गये सभी जिले।
	अन्य कृषक	33	अत्याधुनिक हरित गृह के निमार्ण के लिए 215 रूपये प्रति वर्ग मीटर सामान्य हरित गृह के निमार्ण के लिए 82.50 वर्ग प्रति मीटर क्ष्दर से अनुदान। एक कृषक को 1.000 वर्ग मीटर क्षेत्र तक अनुदान सुविधा।	राष्ट्रीय बागवानी मिशन के अन्तर्गत चयन किये गये सभी जिले।

	2 मलचिंग	50	7000 रूपये प्रति हैक्टेयर एक कृषक को 2 हैक्टेयर क्षेत्र तक अनुदान सुविधा।	राष्ट्रीय बागवानी मिशन के अन्तर्गत चयन किये गये सभी जिले।
	3 शैड नैट व बर्ड नेट	50	3500 रूपये प्रति 500 वर्ग मीटर एक कृषक को 2 हैक्टेयर क्षेत्र तक अनुदान सुविधा।	राष्ट्रीय बागवानी मिशन के अन्तर्गत चयन किये गये सभी जिले।
	4 प्लास्टिक टनल	50	5000 रूपये प्रति 1000 वर्ग मीटरएक कृषक को 5 हैक्टेयर क्षेत्र तक अनुदान सुविधा।	राष्ट्रीय बागवानी मिशन के अन्तर्गत चयन किये गये सभी जिले।
9	जैविक खेती	50	जैविक खेती अपनाने के लिए 10,000 रूपये प्रति हैक्टेयर एक कृषक को 4 हैक्टेयर क्षेत्र तक अनुदान सुविधा। केंचुआ खाद उत्पादन इकाई स्थापित करने के लिए 30,000 रूपये प्रति इकाई। जैविक खेती पंजीकरण हेतू 50 हैक्टेयर क्षेत्र (सामुदायिक) के लिए 5 लाख रूपये अनुदान।	राष्ट्रीय बागवानी मिशन के अन्तर्गत चयन किये गये सभी जिले।
10	पोस्ट हार्वेस्ट मैनेजमेन्ट			
	1. पैक हाउस	25	पैक हाउस स्थापित करने के लिए 62500 रूपये तक अनुदान	राष्ट्रीय बागवानी मिशन के अन्तर्गत चयन किये गये सभी जिले।
11	सघन पौधा संरक्षण कार्यकम	50	सघन पौधा संरक्षण कार्यकम के लिए 1000 रूपये प्रति हैक्टेयर	राष्ट्रीय बागवानी मिशन के अन्तर्गत चयन किये गये सभी जिले।
12	मधुमक्खियों के माध्यम से परागोकरण			
	1. मधुमक्खी छत्ते व संयत्र	50	मधुमक्खी पालन हेतू प्रति छत्ते व संयत्र क्ष्खरीद पर 450 रूपये क्ष्दर से अनुदान	

	2. मधुमक्खी कालोनी	50	मधुमक्खी पालन हेतू प्रति कालोनी क्ष्खरीद पर 350 रूपये क्ष्दर से अनुदान	राष्ट्रीय बागवानी मिशन के अन्तर्गत चयन किये गये सभी जिले।
	3. मधुमक्खी उत्पादन	50	मधुमक्खी उत्पादन के लिए पंजीकृत उत्पादकों (ब्रीडर) को 2.50 लाख रूपये तक प्रोजैक्ट के आधार पर अनुदान।	राष्ट्रीय बागवानी मिशन के अन्तर्गत चयन किये गये सभी जिले।
13	कृषक प्रशिक्षण		1. किसानों को 7 दिवसीय प्रशिक्षण पर प्रति किसान 1500 रूपये राज्य में तथा 2500 रूपये राज्य से बाहर खर्च का प्रावधान 2. अल्प अवधि कोर्स उद्यान प्रशिक्षण संस्थान, उचानी में नवयुवकों/उद्यामियों के लिए एक वर्ष के डिप्लोमा कोर्स 3 व 6 मास का सर्टिफिकेट कोर्स।	पूर्ण हरियाणा राज्य में।

एम. आई. के तहत अनुदान राशि तालिका

TABLE-A						
अलग–अलग क्षेत्र में 50 प्रतिशत सहायता की सीमा से ड्रीप प्रणाली स्थापित करने के लिए प्रावधान						
दूरी मीटर में	04 है0	1 है0	2 है0	3 है0	4 है0	5 है0
12x12	6095	9603	14490	18745	30878	40998
10x10	6958	10350	15928	20700	33293	44218
9x9	7130	11443	17998	32143	35305	46633
8x8	7418	12708	20413	23978	37663	49565
6x6	8280	17365	29440	40423	60835	79005

5x5	8683	18860	32545	47783	67333	86710
4x4	9718	20470	36283	55258	75210	91023
3x3	10293	22598	41055	57903	81765	103098
3x1.5	11328	22885	56288	63078	74008	104018
2.5x2.5	1150	23115	56805	63940	94717	128455
2x2	12248	28635	59680	70553	114713	137770
1.5x1.5	15008	31625	55488	84238	114943	143290
1x1	15238	33120	62963	94933	118393	161595

TABLE-B						
अलग–अलग क्षेत्र में 90 प्रतिशत सहायता की सीमा से ड्रीप प्रणाली स्थापित करने के लिए प्रावधान						
दूरी मीटर में	**04 है0**	**1 है0**	**2 है0**	**3 है0**	**4 है0**	**5 है0**
12ग12	**10971**	**17285**	**26082**	**33741**	**55580**	**73796**
10ग10	**12524**	**18630**	**28670**	**37260**	**59927**	**79592**
9ग9	**12834**	**20597**	**32396**	**57857**	**63549**	**83939**
8ग8	**13352**	**22874**	**36743**	**43160**	**67793**	**89217**
6ग6	**14904**	**31257**	**52992**	**72761**	**109503**	**142209**

5x5	15629	33948	58581	86009	121199	156078
4x4	17492	36846	65309	99464	135378	163841
3x3	18527	40676	73899	104225	147177	185576
3x1.5	20390	41193	83318	113540	151214	187232
2.5x2.5	20700	41607	84249	115092	170672	23129
2x2	22046	51543	89424	126995	206483	247986
1.5x1.5	27014	56925	99878	151328	206897	257922
1x1	27428	59616	113333	170879	213107	290871

अनुदान प्राप्ति
के लिए अन्य सेवाएं
एवं
प्रार्थना पत्र

प्लान स्कीमों एवं

राष्ट्रीय बागवानी मिशन

आवेदन पत्र

(क्षेत्र विस्तार)

क) <u>कृषक का विवरण</u>

1. नाम :
2. पिता/पति का नाम :
3. कैटगरी ( ) :
4. गांव ..... ब्लाक ..... जिला .....
5. कृषक के नाम पर कुल भूमि (है0):
6. उद्यान फसलों के अन्तर्गत भूमि (है0):
7. खसरा नं0 (जिसमें क्षेत्र विस्तार करना है):

ख) <u>अनुदान के लिए विवरण</u>

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 मैनें इस मद के अन्तर्गत किसी अन्य संस्था या स्क्ळभ्म से सहायता प्राप्त नहीं क्भ्है तथा मैं यह भी घोषित करता हूँ कि ली गई सहायता क्भ्राशि का सदुपयोग करूंगा।

प्रार्थी (हस्ताक्षर एवं दिनांक)

<u>कार्यालय प्रयोग हेतू</u>

यह सत्यापित किया जाता है कि उपरोक्त कृषक का विवरण सही है। अतः अनुदान हेतू निम्नलिखित सिफारिश क्भ्जाती है।

1. क्षेत्र/नं0 :
2. राशि :

3. टिप्पणी :

(हस्ता.)

(उद्यान विकास अधिकारी)
ब्लाक .....
दिनांक :–

कमांक

प्रेषित

1) स्वीकृति राशि :

2) दी जाने वाली सहायता का विवरण :

3) पौध/बीज के रूप में : .....

4) अन्य सामग्री के रूप में : .....

5) अन्य कार्यों के लिए नकद राशि : (पौधा रोपण/बीजाई उपरान्त)

स ..... चैक नं0 ..... क .....

(हस्ता.)

जिला उद्यान अधिकारी एवं सदस्य सचिव
जिला उद्यान मिशन कियान्वयन इकाई

.....

राष्ट्रीय बागवानी मिशन

आवेदन पत्र

(प्रोजैक्ट आधारित)

क) <u>कृषक का विवरण</u>

1. नाम :
2. पिता/पति का नाम :
3. कैटगरी ( ) :
4. गांव ..... ब्लाक ..... जिला .....
5. कृषक के नाम पर कुल भूमि (है0):
6. उद्यान फसलों के अन्तर्गत भूमि (है0):

ख) <u>अनुदान के लिए विवरण</u>

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):

ग) <u>संलग्न दस्तावेजों का विवरण</u>

1. .....
2. .....
3. .....
4. .....

प्रार्थी (हस्ताक्षर एवं दिनांक)

कार्यालय प्रयोग हेतू

यह सत्यापित किया जाता है कि उपरोक्त कृषक का विवरण एवं संलग्न दस्तावेज निर्धारित चैक लिस्ट अनुसार है। अतः अनुदान हेतू निम्नलिखित सिफारिश क्भ्जाती है।

1. क्षेत्र/नं0 :
2. राशि :
3. टिप्पणी :

(हस्ता.)

(उद्यान विकास अधिकारी)

ब्लाक .....

दिनांक :–

कमांक

सत्यापन

1. क्षेत्र/नं0 :
2. सिफारिश क्भ्गई अनुदान राशि

(हस्ता.)

जिला उद्यान अधिकारी एवं संदस्य सचिव

जिला उद्यान मिशन कियान्वयन इकाई

.....

दिनांक :–

क्रमांक

प्रेषित

मिशन निदेशक,

हरियाणा स्टेट हार्टिकल्चर डिवलपमेन्ट एजैंसी,

पंचकुला।

राष्ट्रीय बागवानी मिशन

आवेदन पत्र

(प्रशिक्षण के लिए)

क) कृषक का विवरण

1. नाम :
2. पिता/पति का नाम :
3. कैटगरी ( ) :
4. गांव ..... ब्लाक ..... जिला .....
5. कृषक के नाम पर कुल भूमि (है0):
6. उद्यान फसलों के अन्तर्गत भूमि (है0):

ख) प्रशिक्षण के लिए विवरण

1. विषय :
2. संस्थान

   क) राज्य के अन्दर .....

   ख) राज्य के बाहर .....

3. क्या पहले प्रशिक्षण लिया है (हां या नहीं):

   संस्थान का नाम .....

प्रार्थी (हस्ताक्षर एवं दिनांक)

कार्यालय प्रयोग हेतू

यह सत्यापित किया जाता है कि कृषक का विवरण ठीक है, इसमें इसके नाम क्भसिफारिश निम्नलिखित प्रशिक्षण के लिए क्भ्जाती है।

1. प्रशिक्षण का नाम :
2. संस्थान

(हस्ता.)

(उद्यान विकास अधिकारी)

ब्लाक .....

दिनांक :–

कमाक

प्रेषित

जिला उद्यान अधिकारी एवं संदस्य सचिव,

जिला मिशन कियान्वित इकाई, ...

(हस्ता.)

जिला उद्यान अधिकारी एवं संदस्य सचिव

जिला उद्यान मिशन कियान्वयन इकाई

MI: APPLICATION FORM **FORMAT-I**

<u>आवेदन–पत्र</u>

(सूक्ष्म सिंचाई योजना)

1-	कृषक का नाम	
2-	पिता/पति का नाम	
3-	स्थाई पता	
4-	जाति	
5-	कृषक के नाम पर कुल भूमि (है0)	
6-	जिस भूमि में प्रणाली स्थापित की जानी है उसका खसरा नं0	
7-	क्या पहले भारत सरकार की किसी योजना से सब्सिडी प्राप्त की है	हां/नहीं
8-	यदि हां। योजना का नाम व स्थापना वर्ष	
9-	उगाई जाने वाली फसलें जिसके लिए प्रणाली चाहिए	
10-	मुख्य फसल के बीच में ली गई फसल के लिए अगर प्रणाली चाहिए, तो फसल का नाम	
11.	वांछित प्रणालो का नाम	ड्रिप/स्प्रिकंलर

12.	सिंचाई के अतर्गत कुल क्षेत्र (है0)	
13.	सिंचाई जल का स्रोत	कुआं/टयूब्वैल/टैंक
14.	सिंचाई स्रोत की पेमाईश (लं0 ग चौ0 ग ग0)	
15.	सिंचाई जल की गुणवत्ता	
16.	भूमि की गुणवत्ता व गहराई	
17.	प्रतिदिन बिजली की उपलब्धता (घण्टे)	
18.	पम्प की हार्स पावर	

संलग्न दस्तावेज :

1. जमाबन्दी
2. भूमि व जल परीक्षण रिपोर्ट
3.

मैं यह सत्यापित करता हूँ कि उपरोक्त विवरण ठीक है। मैंने इस मद के अन्तर्गत किसी संस्था/स्क्ळभ्म से कोई सहायता प्राप्त नहीं क्भ्है। यह भी घोषित करता हूँ कि मैं स्थापित प्रणाली को किसी अन्य को न बेचूंगा व न ही किराए पर दूंगा। प्रणाली का सद्पयोग करूंगा तथा सरकार द्वारा जरी दिशा निर्देशों का पालन करूंगा।

स्थान : प्रार्थी का नाम व हस्ताक्षर

दिनांक :

(आवेदन पत्र प्राप्ति)

श्री .....पुत्र श्री ..... गांव....., तहसील ....., जिला ..... से सूक्ष्म सिंचाई योजना के तहत प्रणाली स्थापित करने हेतू आवेदन पत्र प्रापत किया।

दिनांक :– ..... उद्यान विकास अधिकारी (विस्तार/ ।क्व)

फलदार पौधे–लाईसैंस

फलदार पौधों का उत्पादन व बिक्री लाईसैंस का जारी करना/नवीनीकरण करना।

प्रकिया

फलदार पौधों के उत्पादन एवं बिक्री का लाईसैंस प्राप्त करने से पूर्व इच्छुक व्यक्ति को यह सुनिश्चित करना होगा कि उसके नाम जमीन हो तथा उसमें जिन पौधों के उत्पादन व बिक्री का लाईसैंस लेना है उनके मात्री पौधे लगे हुये हों। यह पौधे नोटीफाईड किस्मों के होने आवश्यक ह। इस लाईसैंस क्ष्अवधि 3 वर्ष होती है जिसको अन्तिम तिथि के अगले दिन से तीन वर्ष क्ष्अवधि के लिए नवीनीकरण करवाना होता है। नए लाईसैंस के लिए 2000/– रूपये फीस है तथा तीन वर्ष के नवीनीकरण के लिए रूपये 1500/– फीस है।

1. प्रार्थी द्वारा फार्म–ए में नए लाईसैंस हेतू प्रार्थना पत्र देना होता है।
2. फार्म–ए। में निरीक्षण अधिकारी द्वारा अपनी रिपोर्ट दर्ज करनी होती है।
3. फार्म–ए्ए में प्रार्थी को नर्सरी लाईसैंस जारी किया जाता है।
4. फार्म–प्ट में प्रार्थी द्वारा नर्सरी लाईसैंस नवीनीकरण के लिए सूचना देनी होती है।
5. फार्म–प्ट.। पर सक्षम अधिकारी क्ष्सिफारिश होती है जोकि नवीनीकरण के लिए भी आवश्यक है।
6. फार्म–ट में नर्सरी मैन द्वारा प्लांटिंग मैटीरियल का रिकार्ड रखना होता है।
7. फार्म–टए अनुसार नर्सरीमैन द्वारा स्टाक रजिस्टर का रखरखाव करना होता है।
8. फार्म–टए्ए अनुसार नर्सरीमैन द्वारा पौधों की बिक्री की रसीद जारी करनी होती है।

9. फार्म–टप्प् अनुसार निरीक्षण रजिस्टर होता है।

10. फार्म–प्र में निरीक्षण अधिकारी द्वारा निरीक्षण रिपोर्ट दर्ज करनी होती है। यह फार्म नवीनीकरण के लिए केस के साथ सक्षम अधिकारी को भेजना होता है।

11. नवीनीकरण के लिए लाईसैंस अवधि समाप्त होने से कम से कम एक माह पूर्व नवीनीकरण फीस जमा करवानी होती है व नर्सरीमैन द्वारा प्रार्थना पत्र देना होता है।

FORM (I)

To

_____

_____

_____

Sir,

As I wish to establish/conduct a fruit nursery in Village_____ Tehsil _____District_____, I may kindly be granted a licence for this purpose as required under the Act, the detailed particulars of the Nursery are given below :-

(1) Area of the Nursery (Sketch Plan giving Khasra Nos is enclosed in duplicate).
(2) Distance from (a) Railway Station
(b) Metalled Road.

(3) Source of Irrigation and area irrigated.
(4) Area of the progeny orchard.
(5) Details of the progeny trees.

Sr. No.	**Kind**	**Variety**	**No. of fruit trees**

(6) Fruit trees proposed to be propagated :-

Sr. No.	**Kind**	**Variety**

(7) Details of existing plant material

Sr. No.	**Kind Variety**	**No. of plants available Budded/Grafted Seedling**	**Source of Stock action**

I undertake to obtain any additional requirements of scian material through the competent authority.

I have read the act and the rules framed there unde and shall abide by all the conditions mentioned therein.

Yours faithfully,

(Name & Address of Applicant)

FORM 1-A

(See Rule 3(3)

REPORT OF THE INSPECTING OFFICER

I _____

(Name and Designation and address)

Hereby certify that I have inspected the _____ run/owned/managed by Shri

(Name of Nursery)

_____and on my personal observation stat that :-

(Name and address of applicant)

i) The applicant has an area of _____under nursery.

ii) _____Progeny trees of the following varieties have been found to be exising at the time of inspection :-

Kind of fruit Trees	Variety	Performance	Number of Trees	Age of Trees
a) b) c) d)				

e)				

iii) A sketch of the nursery and the progeny garden is being maintained by the owner.
iv) The nursery is/is not being kept free from the insect posts and diseases.
v) The progeny trees are/are not being maintained in good condition.
vi) The soil is/is not competent to conduct/establish the nursery on approved lines, for reasons given below :-
vii) The information supplied by the applicant is/is not correct.

General Remarks

On the basis of the above observation, I recommended/do not recommended a fit case for grant of licence.

Signature of Inspecting Officer,

Designation and Seal of the Office.

FORM II

(See Rule 3(4)

Licence for establishing/conducting a fruit plant nursery under the Punjab Fruit Nursery Act, 1961.

Licence No. _____Date of Issue _____, son of _____ of Village _____ Post Office _____Tehsil _____District _____ owner of _____ is hereby authorized to raise, exhibit for sale and self for transplantation fruit plants of the following kinds and varieties :-

1.

2.

3.

4.

5.

6.

7.

8.

This licence is valid from _____ to _____ The licence shall be subject to the following conditions:-

(1) The licence shall not contravene any of the provisions of the Act or the rules framed there-under and shall in particular carry out the duties specified in section 8 (reproduced below).
(2) The licensee shall conduct his/business honestly and in a fair manner.
(3) The licensee shall produce his licence or the registers and other records required to be maintained under this Act and the rules framed there under on demand by the competent authority or any person authorized by it.
(4) The licensee shall not permit evasion or infringement which comes to his knowledge.

(5) The licensee shall promptly comply with the instructions issued to him in accordance with the rules by the competent authority or by any person authorized by it.

(6) If licenses transfers in whole or in part his control over the fruits Nursery he shall send an intimation of such transfer to the competent authority within a period of one month of the transfer.

Signature of Competent Authority

Seal of his office.

Period of renewal	From	To	Signature of competent Authority with to his Office

---

(Section 8 of the Act)

Duties of Licensee

8, Every Licensee under this Act shall :-

1) Under take to employ only such varieties of the fruit plant as may be specified in the licence in respect of scion and root stock, for propagation and sale.

2) Keep a complete record of the origin or source of every roots stock and every scion showing the local name or botanical name or both of the root stock and scion used.

3) Keep lay-out plan showing the position of every root stock and scion trees employed in raising fruit plants.

4) Keep the nursery plot as well as the parent trees used for the propagation of fruit plants free from insect, pests and diseases.

5) Specified in a conspicuous manner on a label, the name of every kind and variety of fruit plant enclosed in any package intended for sale and the name of the root stock together with that of the scion of every such fruit plant.

6) Undertake to release for sale or distribution only such plant as completely free from any kind of insect pest or disease; and

7) Maintain a register in the form specified by the competent authority showing the name of the fruit plant sold to any person, the name of the root stock and the name and address of the person purchasing it.

FORM-II

(See Rule 3 (6)

Sr. No.	Name & address of the	Name of the	Area of the	Kind of fruit	Name & designation of	Date of visit of Inspecting	No. & Date of	Date of expiry	Date of renewal	Period of	Remarks

	Licensee	Nursery	Nursery	plants to be prop-agated	Inspecting Officer	Officer	issue of licence	of licence		renewal	
1	2	3	4	5	6	7	8	9	10	11	12

FORM IV

(See Rule 5(1)

Application for renewal of Licence

(THROUGH AGRICULTURAL/HORTICULTURE INSPECTOR ----------CIRCLE)

Sir,

My fruit Nursery Licence No. _____ expires of _____. It it requested that this licence may be renewed for a period of _____ years. The licence in original alongwith the Treasury Challan for Rs. _____ is enclosed.

The licence was granted/ last renewed on _____ and since then _____ inspection have been carried out. I have complied with the instructions communicated to me in writing by the Inspecting authority from time to time except in the following cases for reasons indicated against each :-

	Instructions conveyed by the Inspection authority.	Date	Reasons for non compliance
1.			
2.			
3.			

I have not contravened any of the provisions of the Act or the Rules framed there under.

Yours faithfully,

(Signature of the owner)

FORM IV-A

(To be filled in by the Agriculture Inspector)

The fruit nursery has during the period _____to _____ been inspected by the following authorities on the dates mentioned.

Designation of Inspecting Authority	Date of Inspection
1.	
2.	
3.	
4.	

It is certified that the owner has/has not complied with the instructions conveyed to him in writing by the Inspecting authorities and that he has /has not contravened any of the provisions of the Act or the rules framed there under. His application for renewal is/is not recommended for reasons given below :-

Orders of Competent authority

Signature

FORM V

(See Rule 12(1)

Licence No.

Name of Nursery

Kind of fruit plant Variety

RECORD OF SOURCE OF PLANT MATERIAL

Date	Source of Root Stock	Source of scion	No. of plants	variety

FORM VI

(See Rule 12 (2)

Name of Nursery Licence No.

Sale register of Nursery Plants

Sr. No.	Name & Address of the Purchaser	Kind of Variety of plants sold	Root stock used	No. of plants sold	Rate per plant	Total price charged	No. & date of issued receipt	Remarks

FORM VII

(See Rule 12 (2)

Name of Nursery_____ Licence No. _____ Book No._____ Receipt No. _____Date _____ Received from _____ a sum of Rs. _____ on account of _____

Signature of the owner

FORM VIII

(See Rule 12 (3)

Name of Nursery _____Licence No. _____ Inspection Register

_____ Date Name and Designation of Inspection Authority

Remarks _____

_____

FORM IX

(See Rule 14 (1)

(Inspection Report)

1. Name of the Nursery
2. Name & Designation of the Inspecting Authority.
3. Date of Visit
4. Details of existing stock.

No. of Plants in stock.

Kind	Variety	Grafted	Budded
	Seedlings		

5. Conditions of the plant material.

(a) Is there any disease or pest attack? (If the reply is in the affirmative, the type of malady, extent of attack and remedial measures suggested, etc. shall be detailed.)

(b) Is the training of plants satisfactory? (If not, then detailed suggestions for improvement shall be recorded.

© General condition of the plant material with regard to vigour and suggestions for improvement shall be recorded.

1. Has a complete record of scion and stock material been maintained ? (If not, then detailed suggestions be recorded.)
2. Has a complete record of sales been maintained as per rules ?
3. Has the licensee contravened any of the provisions of the Act or Rules framed there under (If so, details may be given).
4. When was the last inspection made ?
5. Whether instructions given previously have been complied with ? (If not, details and action proposed against the licensee).
6. General Remarks.

Signature of the Inspecting Authority.

THE SEEDS (CONTROL) ORDER, 1983

DEALER IN DEEDS TO BE LICENSED

- **Dealer to obtain licence :**

No person shall carry on the business of selling, exporting or importing seeds at any place except under and in accordance with the terms and conditions of licence granted to him under this order.

Notwithstanding anything contained in sub-clause (1), the State Government may, be notification in the Official Gazette, exempt from the provisions of that sub-clause such class of dealers in such areas and subject to such conditions as may be specified in the notification.

Application licence:

Every person desiring to obtain a licence for selling, exporting or importing seeds shall make an application in duplication in duplicate in Form 'A' together with a fee of rupees fifty for licence to licensing authority.

Grant and refusal of licence:

The licensing authority may, after making such enquiry as it thinks fit, grant a licence in Form 'B' to any person who applies for it under clause 4.

Provided that a licence shall not be issued to a person :-

Whose earlier licence granted under this Order is under suspension, during the period of such suspension:

Whose earlier licence granted under this Order has been cancelled, within a period of one year from the date of such cancellation;

Who has been convicted under the Essential Commodities Act, 1955 (10 of 1955) or any order issued thereunder within three years preceding the date of application.

When the licensing authority refuses to grant licence to a person who applies for it under clause 4, he shall record his reasons for doing so.

Period of validity of licence:

Every licence under this Order, shall, unless previously suspended or cancelled, remain valid for three years from the date of its issue.

- **Renewal of licence:**

Every holder of licence desiring to renew the licence, shall, before the date of expiry of the licence, make an application for renewal in duplicate, to the licensing authority in Form 'C' together with a fee of rupees twenty for renewal. On receipt of such application, together with such fee, the licensing authority may renew the licence.

If any application for renewal is not made before the expiry of the licence, but is made within one month from the date of expiry of the licence, the licence may be renewed on payment of additional fee of rupees twenty five, in addition to the fee for renewal of licence.

Govt. of Haryana

Directorate of Horticulture,

Sector-21, Panchkula, Haryana.

Certificate of Registration as a Seed Importer

This is to certify that _____ is a grower of Horticultural crops and is hereby registered as a seed and planting material importer with the Directorate of Horticulture in accordance with the new policy on Seed Development of the Govt. of India (No. 11-71/88-SD, dated 16th September, 1998) as amended from time to time. The registration no. allotted is as given below for importing seeds/blubs of flowers and planting materials.

Director of Horticulture.

Haryana, Panchkula.

Place

Dated

(N.B.) 1. This registration is valid for a period of one year from the date of issue.

2. This registration is liable to revocation or cancellation in the event of misuse.

FORM-A

(See clause 4)

FORM OF APPLICATION TO OBTAIN DEALER'S LICENCE

To

The Registering Authority,

_____(Place)

State of/U.T. of

1. Full name and address of the applicant :-
   (a) Name and postal address;
   (b) Place of business (Please give exact address) :
      (i) for sale
      (ii) for storage

2. Is it a proprietary/partnership/Limited company/Hindu undivided family concern? Give the Name(s) and address(es) of proprietor/partner/Manager/Karta.
3. In what capacity this application is made :
   (i) Proprietor
   (ii) Partner

(iii) Manager
(iv) Karta

4. Was the applicat ever convicted under the Essential Commodities Act, 1955 (10 or 1955), or any order issued there under during the last three years preceding the date of application ? If so, give details.

5. Give the details of seeds to be handled.

Sr. No. Name of Seed

6. I/we have deposited the licence fee of rupees fifty vide Challan No. _____ Dated _____ in treasury/Bank_____.

7. Declaration :

(a) I/we declare that the information given above is true to the best of my/our knowledge and belief and no part thereof is false.

b) I/we have carefully read the terms and conditions of the licence given in Form 'B' appended to the Seeds (Control) Order, 1983 and agree to abide by them.

Signature of the applicant

Date :_____

Place :_____

Note : (1) Where the business of selling/exporting/importing seeds in intended to be carried on at more than one place, a separate license should be obtained for each such place.

For use in the office of Licensing Authority.

Date of Receipt _____

Name and designation of officer receiving

the application.

FORM 'B'

(See Clause 5)

LICENCE TO CARRY ON THE BUSINESS OF A DEALER IN SEEDS

Licence No._____ Date _____

Subject to the provisions of the Seeds (Control) Order, 1983 and to the terms and conditions of this Licence Shri/M/s_____ is hereby granted licence to sell, export, import and store for the said purposes on seeds.

2. The licencee shall carry on the aforesaid business at _____ (Place for storage and place for sale) _____ (Tehsil or District) _____ _____.

Date _____

Seal _____

Licensing Authority

State of _____

Terms of Conditions of Licence

(i) The licence shall be displayed at a prominent and conspicuous place in a part of the business premises open to the public.

(ii) The holder of the licence shall comply with the provisions of the Seeds (Control) Order, 1983 and the notifications issued thereunder and for the time being in force.

(iii) This licence comes into force with immediate effect and shall be valid upto ___ _____ unless previously cancelled or suspended.

(iv) The holder of the licence shall from time to time report to the licensing authority any change in the premises where he carries on his business of sale, export, import or storage for the said purposes of seeds.

(v) The licenses shall give every facility to the licensing authority or any other officer acting under his Authority for the purpose of inspecting his stock in any shop, depot or godown or other place/places used by him for the purpose of storage, sale or export of seeds.

FORM 'C'

(See Clause 7)

APPLICATION FOR RENEWAL OF LICENCE TOCARRY ON THE BUSINESS OF A DEALER IN SEEDS

To

The Licensing Authority

_____(Place)

State of/U.T. of

I/we hereby apply for renewal of the Licence to carry on the business of dealer in seeds under the name and style of Shri/M/s_____ The licence, desired to be renewed, was granted by the Licensing Authority for the State of _____and allotted Licence No. _____ on the day of _____20.

Signature of applicant(s)

Full name and address of the applicant(s) _____ Date of Place : _____

Certified that the Licence bearing No. _____ granted on _____ to carry on the business of a dealer in seeds at the premises situated _____ is hereby renewed upto _____ unless previously cancelled or suspended under the provisions of the Seeds (Control) Order, 1983.

Date : _____ Licensing Authority

Renewal No. _____ Sale of _____

Seas :

IMPORT LICENCE-PROCEDURE

PROCEDURE FOR GETTING IMPORT LICENCE UNDER PARA 4.4.4

To get the registration/licence under para 4.4.4 on the new policy on seed development of Govt. of India following steps are required.

1. Application in prescribed performa under the commendation of concern District Horticulture Officer.
2. Challan of Rs. 300/- as registration charges.
3. Latest Jamabandi of land

Agreement letter from foreign supplier on original letterhead.

DIRECTORATE OF HORTICULTURE, HARYANA

APPLICATION FOR REGISTRATION UNDE PARA 4.4 OF THE NEW POLICY ON SEED DEVELOPMENT OF GOVERNMENT OF INDIA.

(To be submitted duly typed in duplicate to the Director of Horticulture of the concerned State Government).

Name of the Grower :

Complete postal address :

Details of land holding :

Documentary evidence in support

Of the same has to be produced)

Details of vegetable grown in :

The last 3 years.

Sr. No.	**Crop**	**Year (1)**	**Year (2)**	**Year (3)**

Details of flowers grown

in the last 3 years :-

Sr. No.	**Crop**	**Year (1)**	**Year (2)**	**Year (3)**

Details of make of Vegetables

And flowers sold in the last three months.

Years	Value		
	Year (1)	Year (2)	Year (3)

Details of seed imports if :

Any handled earlier.

Particulars of imports :

Planned now.

Details of PEQ facility proposed to be

Established.

I do hereby certify that all the above particulars are true, correct and complete.

Date : Signature of the applicant

Place : Name :

ग्याहरवीं पंचवर्षीय योजना

(2007–12)

एवं

सांख्यक्यि डाटा उद्यान विभाग

Draft 11th Five Year Plan 2007-12 HORTICULTURE DEPARTMENT

Statement No. VIII

ITEM			Unit	Achievement			Target	
				2007-08	2008-09	2009-10	2010-11	2011-12
Fruits	a)	Add. area under fruits	Hect.	5,000	6,800	5,500	6,000	6,500
	b)	Total production under fruits	MT.	2,50,000	2,75,000	2,50,000	2,70,000	2,90,000
	c)	Production of fruit plants at GGN's & Regd. Nurseries	No. in Lakhs	10.15	10.00	10.00	10.00	10.00
Vegetable	a)	Area under vegetable	Hect.	2,70,000	2,85,000	3,00,000	3,25,000	3,45,000
	b)	Production under vegetable	MT.	37,00,000	38,50,000	38,00,000	45,00,000	48,00,000
Flower	a)	Area under flower	Hect.	5,700	6,000	5,9000	6,6000	7,000

	b)	Production under flower	Lakh cut flower MT	1,150 64,500	875 65,000	900 65,250	925 65,500	950 70,000
Aromatic & Medicinal Plants	a)	Area	Hect.	3,000	3,500	843	1000	1200
Mushroom	a)	Trays	No. in Lakhs	12.00	12.20	13.00	13.50	14.00
	b)	Production	MT.	7,000	7,250	7,000	7,250	7,500
Spices	a)	Area	Hect.	14,000	15,500	15,000	18,500	20,000
	b)	Production	MT.	70,000	75,000	70,000	89,000	96,000
Plastic in Horticulture		i) Drip Irrigation stystem ii) Green Houss iii) Community Tank iv) Mulching v) Shade Net vi) Plastic Tunnel	Hect. Sq. m Nos. Hect. Hect. Hect.	3,005 7,000 252 14 5 11	3,857 7,500 453 15 7 13	3,459 7,500 424 37 18 60	3,500 8,000 450 35 40 60	4,000 8,500 450 45 40 60

STATEMENT SHOWING STATISTICAL DATA RELATING TO HORTICULTURE DEPARTMENT

Year	Fruit				Vegetable		Mushroom		Flower			Spices		Medicinal & Aromatic plants		Nursery fruit Plant Production (in lakhs)	Poly Green House Cumulative (Nos)	Drip Irrigation (Cumulative (In hec.)	Total Area under Horticulture Crops
	Uprooted Area	Add. Area	A Total	P	A	P	Trays (Nos)	P	A	P Lakh cut flower Tones		A	P	A	P				
1966-67	-	-	7865	27527	11305	135360	-	-	-								-	-	19170
1990-91	-	-	12640	99800	55360	802240	252150	850	50							1.50	-	150	68050
1991-92	-	-	13930	110000	60800	877000	210000	800	640							3.15	7	184	75370

1992-93	-	-	15303	121390	69586	1029430	324000	1050	1000							4.98	21	352	85889
1993-94	-	-	16761	128300	75260	1155000	325000	1200	1200							5.00	37	587	93221
1994-95	-	-	18310	133500	85000	1275000	425000	1620	1600							4.93	60	827	104910
1995-96	-	-	19960	145000	94000	1420000	550000	2410	1800							5.70	102	1302	115760
1996-97	-	-	21775	155000	98000	1455000	566000	2525	1850	616	31120					7.30	131	1584	121625
1997-98	-	-	23863	176000	102000	1350000	556000	2680	1950	633	33040	10125	66525			7.60	135	1787	137938
1998-99	-	-	26177	192400	120000	1850000	698000	2850	2250	760	40500	12755	81097			7.65	145	2087	161182
2000-01	-	-	30715	232000	133000	2100000	820000	4200	3200	1195	52835	14200	102000			7.00	177	2700	181115

2001-02	1540	2142	31317	237400	150200	2150000	900000	4500	3250	1127	17890	15500	105000			7.15	177	2891	200267
2002-03	2024	2563	31856	237270	163000	2245200	1000000	4950	3600	1200	32500	13737	83259			7.00	191	3112	212193
2003-04	3165	2920	31611	257200	203740	2701300	1231780	5954	4286	460.5	58333	8603	45700			7.00	205	3903	248240
2004-05	Special Survey		22297	Against reported area 31611 of 2003-04															
2004-05	435	2209	24071	232220	207750	2980400	1232190	6163	4810	508	55583	8121	42450	2316	348.4	7.25	212	4268	247068

	795	3827	27103	236200	232660	2984800	1228760	6044	5418	623	26231	10194	44436	2104	378.2	7.00	215	3712*	277479
2006-07	992	4191	30302	241920	280870	3366860	1155000	6164	5648	1404	52149	9996	44835	1785	795.8	10.00	225	4967	328601
2007-08	1211	4519	33610	240400	274580	3277100	1232020	6790	6106	1053	61757	10605	36432	1395	96.3	10.15	233	6093	326296
2008-09	1905	5900	37613	262000	298430	3893430	1315120	7178	5530	929	53925	12995	48040	947	271.0	10.20	237.5	8231	355515
2009-10	**1203**	**5040**	**41450**	**303920**	**300860**	**4020720**	**1400030**	**8050**	**6200**	**1085**	**60330**	**14855**	**64280**	**1010**	**2845**	**10.50**	**239.5**	**10699**	**364375**

A= Area in Hectare, P= Prod. in Tonnes

विभाग में

सम्पर्क सूत्र

अधिकारियों के मुख्यालय एवं कार्यक्षेत्र

क0 सं0	पद	मुख्यालय	कार्यक्षेत्र
1	निदेशालय स्थित अधिकारी	पंचकुला	पूर्ण राज्य
2	उद्यान प्रशिक्षण संस्थान स्थित अधिकारी	उचानी (करनाल)	उद्यान प्रशिक्षण संस्थान
3	जिला उद्यान अधिकारी	प्रत्येक जिला मुख्यालय	संबंधित जिला
4	उद्यान अधीक्षक	घरौंडा	राजकीय बीज फार्म
5	उद्यान अधीक्षक	मांगियाना	राजकीय बाग एवं नर्सरी, मांगियाना (सिरसा)
6	उद्यान विकास अधिकारी	प्रत्येक खण्ड/तहसील मुख्यालय	संबंधित खण्ड/तहसील

उद्यान विभाग, हरियाणा के अधिकारियों के दूरभाष सम्पर्क नम्बर

क0 सं0	पद (मुख्यालय स्तर) पंचकुला	कोड नं0	कार्यालय नं0	स्थानीय पता
1	महानिदेशक, उद्यान	0172	2582322	मकान नं0 641, सैक्टर–6, पंचकुला
2	संयुक्त निदेशक उद्यान (सां0)	0172	2587570	मकान न0, 8, सैक्टर–22–ए, चण्डीगढ
3	संयुक्त निदेशक उद्यान (एन.एच.एम)	0172	2587721	273, सैक्टर–7 सी, चण्डीगढ
4	उप निदेशक उद्यान (सब्जियां)	0172	2582590	449, हरमिलाप नगर, इण्डस्ट्रीयल एरिया के नजदीक, फेस–II, बलटाना
5	उप निदेशक उद्यान (एम.आई)	–	–	–
6	उप निदेशक उद्यान (एन.एच.एम)	–	–	–
7	फल विशेषज्ञ	0172	2582590	957, सैक्टर–11, पंचकुला
8	सब्जी विशेषज्ञ	0172	2582590	2062, सैक्टर–27, चण्डीगढ
9	पुष्प विशेषज्ञ	0172	2582590	254, सैक्टर–14, पंचकुला
10	प्लास्टिकल्चर विशेषज्ञ	0172	2582590	1426, सैक्टर–39–बी चण्डीगढ
11	मशरूम विशेषज्ञ	.	2582590	258/1, सैक्टर–14, पंचकुला

12	जैविक विशेषज्ञ	0172	2582590	2062, सैक्टर–27, चण्डीगढ
13	स्थापना अधिकारी	0172	2582590	254/14, पंचकुला
14	अधीक्षक (स्था0)	0172	2582590	249/1, सैक्टर–14, पंचकुला
15	लेखा अधिकारी	0172	2582590	449, हरमिलाप नगर, इण्डस्ट्रीयल एरिया के नजदीक, फेस–II, बलटाना
16	अधीक्षक (बजट)	0172	2582590	4, उद्यान भवन, सैक्टर–21, पंचकुला
17	राज्य रेशम अधिकारी	0172	2582590	
18	सहायक साख्यिकीय निदेशक	.	.	.
19	उद्यान सूचना अधिकारी	0172	2582590	2965, सैक्टर–15, पंचकुला
20	पौधा संरक्षण अधिकारी	0172	2582590	258/1, सैक्टर–14, पंचकुला
21	पोस्ट हारवेस्ट मैनेजमेंट विशेषज्ञ	0172	2582590	

फिल्ड स्तर

क0 सं0	पद (मुख्यालय स्तर) पंचकुला	कोड नं0	कार्यालय नं0	मोबाईल नम्बर
1	प्रधानाचार्य, उद्यान प्रशिक्षण संस्थान, उचानी (करनाल)	0184	2265487	09216146908
2	जिला उद्यान अधिकारी, अम्बाला	0171	2530277	09467888150
3	जिला उद्यान अधिकारी, पंचकुला	0172	2576088	9779888027
4	जिला उद्यान अधिकारी, करनाल	0184	2265417	09996788149–025
5	जिला उद्यान अधिकारी, कुरूक्षेत्र	01744	222957	09996788035
6	जिला उद्यान अधिकारी, पानीपत	0180	2654808	09996788004
7	जिला उद्यान अधिकारी, यमुनानगर	01732	237817	09996788096
8	जिला उद्यान अधिकारी, सोनीपत	0130	2221814	09996788063 09254035882
9	जिला उद्यान अधिकारी, फरीदाबाद	0129	2480065	09467781781
10	जिला उद्यान अधिकारी, गुडगांव	0124	2324067	09416488940
11	जिला उद्यान अधिकारी, रिवाडी	01274	251492	09416488940
12	जिला उद्यान अधिकारी, नारनौल	01282	260235	09996788074
13	जिला उद्यान अधिकारी, झज्जर	01251	256101	09416230708
14	जिला उद्यान अधिकारी, भिवानी	01664	244897	09996788074

15	जिला उद्यान अधिकारी, हिसार	01662	278350	09996788104
16	जिला उद्यान अधिकारी, फतेहाबाद	01667	230823	09996788119
17	जिला उद्यान अधिकारी, सिरसा	01666	231285	09996788127
18	जिला उद्यान अधिकारी, जीन्द	01681	247376	09996788095
19	जिला उद्यान अधिकारी, कैथल	01746	229103	09996788156
20	जिला उद्यान अधिकारी, रोहतक	01262	265205	09996788087
21	जिला उद्यान अधिकारी, मेवात	01267	274673	09416488940
22	जिला उद्यान अधिकारी, पलवल	01275	248997	09213337444
23	उद्यान अधीक्षक, सी.ई.वी. घरौंडा	01748	251621	09466147011
24	उद्यान अधीक्षक, राजक्ळभ्य बाग एवं नर्सरी, मांगेयाना, सिरसा	.	.	09996788143

RIGHT TO INFORMATION ACT-2005

DEPARTMENT OF HORTICULTURE, HARYANA

First Appellant Authority	Dr. Arjun singh Saini	Joint Director General Horticulture	0172-2587570
State Public Information Officer	Dr. Dharam Singh Yadav	SSO	0172-2587570
Assistant RTI /Asstt. State Public Information Officer	Sh. Kasturi Lal	Assistant	0172-2582590

HORTICULTURE DEPTT – SCHEMES NORMS & GUIDELINES

NHM NMMI NMM Deptt. Schemes

<u>Guidelines for providing Assistance under NHM, RKVY and State Plan Schemes</u>

From

8/15/2010

The Director of Horticulture and
Mission Director
Haryana, Panchkula

To

All the District Horticulture Officers in the State

Memo No.:
Dated, Panchkula, the 15th October, 2010

Subject- Guidelines for providing assistance on planting material and inputs on subsidy under various Schemes of State Plan, NHM & RKVY during 2010-11.

The Department of Horticulture and Haryana State Horticulture Development Agency provides Subsidy on various interventions under various schemes, such as, State Plan, NHM and RKVY. With a view to regulate the disbursement of planting material and inputs and bring in uniformity in the procedure of disbursement of subsidy, specific Guidelines has been formulated on the subject, a copy of which is enclosed herewith for appropriate action at your end.

The district-wise allocation of targets of component under various schemes as mentioned above have already been distributed as per the action plan of NHM, RKVY and State Plant schemes. It be ensured that these targets have been re-allocated and reassignment among various Blocks in your district. A list of empanelled supplier approved during 2010-11 has already been distributed.

The field functionaries should be instructed to –

a) Extend full cooperation to the farmers in submission of timely application.
b) Maintain proper record/register of all the schemes i.e. State Plan/NHM/RKVY for supply of planting material and inputs on Subsidy by Horticulture Development Officer duly verified and countersigned by District Horticulture Officer in their respective districts.
c) Maintain complete transparency and fairness while finalizing the list of beneficiaries.

d) Launch a campaign to propagate the schemes as well as through local newspaper so that maximum farmers come forward to avail of the benefits.

e) The DHO and HDO shall be responsible to monitor and supervise the entire process and periodically submit Physical and Financial Reports to the Directorate in the 1st week of every month without fail.

f) The **DHO will be the controlling officer** for successful implementation of the Scheme/s and co-ordination of all the schemes under which various components are being implemented as per the scheme guidelines. He will also ensure that the scheme is duly publicized in the district immediately after the targets are allotted.

g) The Directorate shall issue the Guidelines and norms of various schemes time to time.

The Guidelines must be adhered to in letter and spirit. **Any deviation from the Guidelines shall be viewed very seriously.**

Encl: (As above)

Mission Director-cum-
Director of Horticulture
Haryana, Panchkula

Departmental Distribution –

1. Joint Director Horticulture, General
2. Joint Director Horticulture, NHM
3. Deputy Director Horticulture, Fruits
4. Deputy Director Horticulture, Vegetables
5. Deputy Director Horticulture, NHM
6. Deputy Director Horticulture, Micro Irrigation
7. All Specialists at Directorate
8. All APO/TAs in the Directorate and Field

GUIDELINES FOR PROVIDING ASSISTANCE UNDER VARIOUS SCHEMES OF STATE PLAN, NHM & RKVY DURING 2010-11

The following Guidelines for providing planting material and inputs on Subsidy under various schemes must be followed in letter and spirit:

1. Norms & Pattern of Assistance and Popularization of Scheme

    1. Norms and guidelines would be as per the GOI and State guidelines and norms fixed for the year 2010-11 and are described in subsequent pages of this booklet.
    2. The Directorate of Horticulture and Mission Director shall every year empanel reputed firms/suppliers for supply/sale of planting material and inputs under above schemes strictly as per the guidelines issued by Govt. of India from time to time. This exercise should preferably be completed in the month of April.
    3. Component is to be implemented as per the rates circulated, firms empanelled and instructions issued by Director Horticulture and Mission Director, HSHDA from time to time.
    4. The District-level target allotted by the Directorate will further be divided Block-wise by the DHO in consultation with APO and HDO and in view of the potential and response of local farmers.
    5. A list of registered firms along with quoted rates for supply of drip and sprinkler irrigation system shall be kept by District Horticulture Officers in the offices of all the Additional Deputy Commissioners, District Horticulture Officers, Horticulture Development Officers and members of DHMIU as applicable.
    6. Scheme shall be popularized mainly through existing extension network of the department and other resources available to them. Proper advertisement shall be given for awareness of the programmes

2. Eligibility Criteria for availing assistance

    1. 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:

i. For non-project based activities and seasonal/annual crops: affidavit from land owner.

ii. For project based activities and perennial crops: registered lease agreement between the parties.

2. Assistance shall be available only for horticultural crops.
3. Assistance only for horticulture crops as per the GOI norms and guidelines
4. For general queries like crop, cluster and credit linked back ended subsidies one can refer to Frequently Asked Questions.
5. Farmers shall be free to procure material from any registered firm of his choice.
6. Subsidy will be admissible both in loan and non-loanee cases.
7. Subsidy in loan cases would be released in loanee's bank account.
8. Subsidy would be admissible only to the beneficiary having as assured source of irrigation (tube-well/water tank supported with engine)

3. Procedure for availing assistance

1. The farmer-applicant will submit the application to the HDO in the prescribed format.
   i. **Form-1** in case of non-project based activities
      1. Beneficiary can deposit the application to HDO office or through HDO to DHO cum MS DHMIU office.
   ii. **Form-2** in case of project based activities
      1. Cases are to be sent to Mission Director for further approval from the competent authorities i.e. MD HSHDA, EC HSHDA, EC NHM-GOI as the case may be.

2. **Checklist & Documents** to be enclosed (for project based proposals)
   i. Checklist-1: Model & Small Nursery + documents prescribed therein
   ii. Checklist-2: Seed Production Prog. + documents prescribed therein
   iii. Checklist-3: New/Rehabilitation of Tissue Culture Unit + documents prescribed therein
   iv. Checklist-4: Community tank/ on farm pond/ on farm water reservoir + documents prescribed therein
   v. Checklist-5: Post Harvest Management + documents prescribed therein
   vi. Checklist-6: Mushroom Projects + documents prescribed therein
   vii. Checklist-7: General Projects + documents prescribed therein

viii. Formats as prescribed under the Guidelines against the component (pages 4-14)

4. Record of Applications and dispersals

1. The application so received from the farmer-applicant shall be immediately entered by the concerned officer as mentioned in para-4 in a register maintained for the purpose. Further, he shall also issue a receipt to the applicant indicating the Serial Number and date of receipt of the application.
2. The HDO will verify the application form submitted by the farmer-applicant and forward it to the DHO of the concerned district along with his recommendation within 3 days of the receipt thereof. HDO will ensure that proper checklists and documents are enclosed as prescribed under the guidelines.
3. In case of more applicants "first come first serve" policy will be adopted. HDO and DHO will keep proper record of it.
4. The DHO will get the applications registered from APO/TA so forwarded to him in a register/computer only after proper scrutiny that-
   i. The farmer-applicant belongs to the concerned district.
   ii. The farmer-applicant is not being given the benefit for the second time for the same component. The certificate to this effect will also be given by the HDO also.
   iii. Any farmer-applicant who has been benefitted under any scheme since 2005-06 shall not be eligible for the same component again subject to the maximum limit prescribed under the guidelines.
5. APO shall make a seniority list for the entire district. After authentication by the DHO, the seniority list shall be maintained in the record and shall be duly published on the Notice Board. The seniority list so prepared shall be valid only for the current financial year. The register or computerized seniority would contain the details as Sr No., Name of farmer, father's name, village, block, date of submission of application, total area to be covered under micro irrigation and signature of farmers etc.
6. DHO will accord the approval of case within 7 days of receipt of case from HDO.

7. Roaster register will be maintained by concerned District Horticulture Officer. He will issue the slip to the farmer mentioning his seniority number after obtaining signature of the concerned farmer in roaster/ seniority register.

5. Implementation including Physical Verification

1. In case where the material and inputs are not purchased, but the component is installed viz.: vermicompost unit, mushroom unit, area expansion area, post-harvest units and other physical structure, the proper verification shall be done by the HDO, APO and DHO concerned in the prescribed format. The physical verification shall be done as per the guidelines prescribed and specifications issued by the Directorate/Mission Officer. The physical verification report will be done within 5 days of the work completion if done alone by HDO; within 10 days if done by team members.
2. In case of purchase of inputs the following guidelines will be followed:
   i. The farmer-applicant should be asked to negotiate the price of component with the firm.
   ii. Farmers are free to purchase planting material and inputs from any of the empanelled firms by paying the full amount directly to the firm and take a bill for that purchase.
   iii. The farmer-applicant will resubmit the original bill back to the DHO as a proof of the purchase of the component/input. The APO will thereafter issue a receipt for the original bill to the farmer-applicant.
   iv. The physical verification of the material/input purchased will be carried by the team of HDO and APO in the prescribed format.
   v. The physical verification report should reach the office of DHO within 7 days of purchase.
   vi. If planting material and inputs are purchased by the Directorate the concerned officer shall take the material in Central Stock Register and then further distribute it to the DHO. DHO will submit the receipt and entry

number of the material to the Directorate. The material will be further distributed to the HDO and HDO will submit the proper receipt and entry no. to the DHO after taking the material in the stock register maintained at block level.

vii. If planting material and inputs are purchased by the DHO from the lowest bidder from the empanelled firms, APO shall take the material in Central Stock Register and then further distribute it to the HDO. HDO will submit the receipt and entry number of the material to the DHO after taking the material in the stock register maintained at block level.

viii. After taking delivery by the officer concerned, HDO in this case, he will check and ensure the followings and issue a certificate to this effect regarding:

a. Proper packing of planting material/inputs in sealed packet, plastic crates, bags, net pots, corrugated card boxes as the case may be.
b. Physical condition of the planting material-visual inspection of free from insect-pests and diseases and expiry date of material.
c. Quantity of the material by counting/weighing the bags/crates and no. of seeds/bulbs etc. by taking a sample from the lot of material supplied.

ix. The planting material and inputs supplied to the farmer-beneficiary shall be checked by the HDO concerned and physical verification report of the field where the component is installed shall be submitted by the HDO to the DHO of that concerned district. The job of physical verification will be done by HDO within 7 days of the delivery of the material.

3. The HDO and DHO will ensure that all records as mentioned above are maintained and made available for inspection to DHO and Directorate Officer respectively.

6. Release of Assistance

1. **Criteria for release**: Physical inspection as described below must be done within 13 days of work completion:

i. In case of non-project based activities: duly verification by the block HDO in all the cases, 25% verification by APO concerned and at least 10% verification of total cases by DHO
ii. In case of community tank: duly verified by a committee so constituted by Mission Director &/or ADC-cum-chairman DHMIU
iii. In case of project based activities: duly verified and inspection report submitted by a team members comprising of Officer concerned from Head Quarter, DHO of concerned district, any Govt. expert in the field of component and representative from concerned bank (if credit linked)

2. **Release**: subsidy will be released by the DHO after obtaining the physical report as:
   i. Subsidy is to be released as per norms fixed and guidelines prescribed
   ii. Subsidy is to be released within 7 days of physical inspection.
   iii. Subsidy is to be released per ha or per unit basis as the case may be. In cases where assistance is being sought on lesser or more area than that of one ha or one unit than subsidy be released on pro-rata basis subject to maximum limit prescribed in guidelines under NHM
      1. For example: one beneficiary have applied for assistance for one unit of vermicompost for an estimated cost of Rs. 60,000/- with an assistance of Rs. 30,000/- (50%) and on verification if the unit size was of lesser size, in such cases estimated cost be reduced on pro rata basis and on reduced estimated cost the 50% assistance be calculated.
   iv. Determination of per ha or unit can be ascertained as prescribed against individual component in the guidelines.
   v. Subsidy be released directly to the beneficiary as direct assistance or as inputs as per the instructions issued from Mission Director time to time for individual component.
      1. For direct release of assistance to the beneficiary payment be released as cross cheque/demand draft in the name of beneficiary only.
      2. No payment be released as cash by taking signature or thumb impression in register
      3. All the assistance released must be entered in proper register and in cash book.

7 Reporting:

1. District Horticulture Officer will maintain the subsidy account and sent the list to Directorate monthly on or before 5th of every month on prescribed performa..
2. District Horticulture Officer shall maintain the list of beneficiaries and shall be sent to Directorate on the prescribed performa on or before 5th of every month.
3. District Horticulture Officer shall send the physical and financial progress of his district monthly on prescribed performa on or before 5th of every month.

8 Monitoring

1. Roster register shall be maintained by the DHO in his office.
2. HDO will carry out 100% physical verification of the components under the schemes.
3. DHO will carry out 20% of the total no. of units installed or complete cases.

4. Random physical verification in each district will be carried out by HQ officers at least 2% out of total units installed or complete cases.

5. The **DHO will be the controlling officer** for successful implementation of the Scheme/s and co-ordination of all the schemes under which various components are being implemented as per the scheme guidelines. He will also ensure that the scheme is duly publicized in the district immediately after the targets are allotted.

6. The Directorate shall issue the Guidelines and norms of various schemes time to time.

NHM GUIDELINES: 2010-11

REVISED COST NORMS AND PATTERN OF ASSISTANCE UNDER NATIONAL HORTICULTURE MISSION DURING XI PLAN

Sr. No.	Name of Crop/Item	Total tentative cost (Rs.)	Rate of Assistance (%)	Amount of Assistance (Rs.)	Pattern of Assistance		
1	2	3	4	5	6	7	8
A)	**Research**				**Central Government Institutes under ICAR, CSIR and others will take up research & development works out of their existing budget for which a Research Advisory Committee will identify the thrust areas.**		
B)	**Plantation Infrastructure & Development**						
1.	**Production of Planting material**						
I	**Fruits Plants**						
a)	**Public Sector**						
i)	Model/Large Nursery (2 to 4 ha.)	6.25 lakh/one ha unit	100	6.25 lakh/one ha unit	**Project based:** Assistance limited to Rs. 25.00 lakhs for a maximum of 4 ha. Each nursery will produce a minimum of 50,000 fruit plants/per ha/per year		
ii)	Small Nursery (1 ha.)	6,25,000	100	6,25,000	**Project based:**		

	(per unit)				Each nursery will produce a minimum of 50,000 fruit plants/per ha/per year
		Beneficiary should have 1 to 4 ha (1 ha for small, 2-4 ha for model) under nursery including mother block + all the components viz. shade net, poly house, water source etc. in Format-9 and -10. Components of Model and Small nursery can be seen in Specifications booklet.			
iii)	Rehabilitation of existing Tissue Culture (TC) unit	15,00,000	100	15,00,000	**Project based** For rehabilitation of existing unit only
					Format-8 for public sector and Format-11 for private sector
iv)	Setting up of new T.C. units.	100,00,000	100	100,00,000	**Project based:** Each TC unit will produce a minimum of 15 lakh plants of mandated crops for which protocols are available for commercial use.
b)	**Private Sector**				
i)	Model/Large Nursery (2 to 4 ha.)	6.25 lakh/one ha unit	50	3.125 lakh/one ha unit	**Project based:** Credit linked back ended subsidy, subject to a maximum of Rs. 12.50 lakh/unit for a maximum of 4 ha. Each nursery will produce a minimum of 50,000 fruit plants/per ha/per year
ii)	Small Nursery (1 ha.) (per unit)	6,25,000	50	3,12,500	**Project based:** Credit linked back-ended subsidy. Each nursery will produce a minimum of 50,000 numbers of mandated fruit plants/ every year.
		Beneficiary should have 1 to 4 ha (1 ha for small, 2-4 ha for model) under nursery including mother block + all the components viz. shade net, poly house, water source etc. as detailed and in Format-9 and -10. Components of Model and Small nursery can be at subsequent pages.			
iii)	Rehabilitation of existing Tissue Culture (TC) unit	15,00,000	50	7,50,000	**Project based:** For rehabilitation of existing tissue culture lab and is Credit linked back ended subsidy. Details on page no. 35-36 and Format-8
					Format-8 for public sector and Format-11 for private sector
iv)	Setting up of new T.C. units.	100,00,000	50	50,00,000	**Project based:** Credit linked back ended subsidy. Each TC unit will produce a minimum of 15 lakh plants of mandated crops for which protocols are available for commercial use.
II	**Vegetable Seed Production**				
a)	**Public Sector**				
i)	Seed production and distribution for	50,000	100	50,000	Project based

	vegetables. Per ha						
					Details can be seen at subsequent pages.		
Ii	Import of planting material for trial & demonstration purposes	10,00,000	100	10,00,000	Project based State Govt., PSU.		
iii)	Seed infrastructure (for handling. processing, packing, storage etc. of seeds of horticulture crops)	200.00 lakh	100	200.00 lakh	Project based		
					Details can be seen at subsequent pages.		
b)	**Private Sector**						
i)	Seed production and distribution for vegetables. Per ha	50,000	50	25,000	limited to 5 ha per beneficiary. 50% assistance for hybrid seed production and for open pollinated seeds indenting organizations for breeder seed required for producing foundation seed will be eligible for 25% assistance on the cost of procurement of breeder seed from ICAR/SAU.		
					Details can be seen at subsequent pages.		
Ii	Import of planting material for trial & demonstration purposes	10,00,000	50	5,00,000	For Grower associations recognized by NHB/MoA,		
iii)	Seed Infrastructure	200.00 lakh	50	100.00 lakh	Project based: Credit linked back ended subsidy		
					Details can be seen at subsequent pages.		
2.	**Establishment of New Gardens (Area Expansion)**						
I	**Fruits (For a maximum area of 4ha per beneficiary)**						
a)	**Cost intensive crops**						
i)	Strawberry.(Per ha)	1,00,000	50	50,000	In one installment		
ii)	Banana (Sucker) per ha	44,000	50	22,000	In two installments 75:25		
					1st Yr.	2nd Yr.	
					16,500	5,500	
iii)	Banana (Tissue culture)	80,000	50	40,000	In two installments 75:25		
					1st Yr.	2nd Yr.	
					30,000	10,000	
b)	**High density planting**						
					Three installments of 60:20:20 subject to survival rate of 75% in 2nd year and 90% in 3rd year)		
					1st Yr.	**2nd Yr.**	**3rd Yr.**
I)	Aonla (3mx3m)	80,000	50	40,000	24,000	8,000	8,000
ii)	Citrus (6mx3m)	80,000	50	40,000			
Iii)	Guava (3mx3m/1.5m)	80,000	50	40,000			
iv)	Mango (5mx5m)	80,000	50	40,000			
c)	**Fruit Crops other than cost intensive crops using normal and different spacing**						
					Three installments of 60:20:20 subject to survival rate of 75% in 2nd year and 90% in 3rd year)		
					1st Yr.	**2nd Yr.**	**3rd Yr.**
i)	Aonla (6mx6m/3m)	40,000	75	30,000	18,000	6,000	6,000
ii)	Ber (6mx6m/3m)	18,000	75	13,500	8,100	2,700	2,700

iii)	Citrus (6mx6m)	35,000	75	26,250	15,750	5,250	5,250
iv)	Guava (6mx6m/3m)	40,000	75	30,000	18,000	6,000	6,000
v)	Sapota (6mx6m)	35,000	75	26,250	15,750	5,250	5,250
vi)	Mango (5mx5m)	40,000	75	30,000	18,000	6,000	6,000
vii)	P/P/P (5mx5m)	40,000	75	30,000	18,000	6,000	6,000
d)	**2nd Year Maintenance of fruit crop plants planted in 2009-10**						
	As per earlier norms i.e. Rs. 4500/- per ha per beneficiary up to 4ha per beneficiary						
e)	**3rd Year Maintenance of fruit crop plants planted in 2008-09**						
	As per earlier norms i.e. Rs. 7000/- per ha per beneficiary up to 4ha per beneficiary						
II	**Mushroom**						
a)	**Public Sector**						
i)	Integrated mushroom unit	50,00,000	100	50,00,000	Spawn + compost production + training		
ii)	Spawn making unit	15,00,000	100	15,00,000			
iii)	Compost making unit	20,00,000	100	20,00,000			
					Application and Format-11		
b)	**Private Sector**						
i)	Integrated mushroom unit	50,00,000	50	25,00,000	Spawn + compost production + training Credit linked back ended subsidy		
ii)	Spawn making unit	15,00,000	50	7,50,000	Credit linked back ended subsidy		
iii)	Compost making unit	20,00,000	50	10,00,000	Credit linked back ended subsidy		
					Application and Format-11		
III	**Flowers (For a maximum of 2ha / beneficiary)**						
a)	**Cut Flowers (per ha)**				Cut rose, Carnation, Chrysanthemum, Gerbera		
i)	S&M Farmers	70,000	50	35,000			
ii)	Other Farmers	70,000	33	23,100			
b)	**Bulbous Flowers (per ha)**				Gladiolus, Liliums, Tuberose		
i)	S&M Farmers	90,000	50	45,000	Subsidy is to be given per ha that means beneficiary should have one ha under that crop.		
ii)	Other Farmers	90,000	33	29,700			
c)	**Loose Flowers (per ha)**				Chrysanthemum annual, Rose loose flowers, marigold.		
i)	S&M Farmers	24,000	50	12,000			
ii)	Other Farmers	24,000	33	7,920			
					The balance amount of subsidy after deducting amount for planting material/seed may be used for inputs like fertilizers and for plant protection measures as per the recommendation and instructions issued from Mission Director time to time.		
IV	**Spices (For a maximum area of 4 ha per beneficiary)**						
a)	Seed spices and Rhizomatic spices.	25,000	50	12,500	For example: turmeric, ginger, chillies		
					Subsidy is to be given per ha that means beneficiary should have one ha under that crop.		
b)	Perennial spices	40,000	50	20,000	Black pepper, cinnamon, clove & nutmeg		
V	**Aromatic Plants (For a maximum area of 4 ha per beneficiary)**						

a)	Cost intensive aromatic plants (per ha)	75,000	50	37,500	Patchouli, geranium, rosemary, etc.
b)	Other aromatic plants	25,000	50	12,500	
3.	**Rejuvenation/replacement of senile plantation including canopy management (Max. 2 ha per beneficiary)**				
	Only for crops falling in cluster	30,000	50	15,000	Actual cost is to be claimed up to Limit of Rs. 15,000/- per ha.
4.	**Creation of water resources**				
a)	Community tank/ on farm pond/ on farm water reservoir with use of plastics/RCC lining				This one unit shall be for irrigation for an area of 10 ha with pond size of 100mz100mx3m or any other size depending upon pro rata basis, owned & managed by a community/farmer group. Assistance under NHM will be restricted to the cost of plastic/ RCC lining. However, for non NREGS beneficiaries, assistance on entire cost including construction of pond/tank as well as lining can be availed.
i)	Plain area (per unit)	15,00,000	100	15,00,000	
ii)	Hilly area (per unit)	17,25,000	100	17,25,000	
b)	Water harvesting system for individuals- for storage of water in 20mx20mx3m ponds/wells @ Rs.100/- cum (per unit)				Maintenance to be ensured by the beneficiary.
i)	Plain area (per unit)	1,20,000	50	60,000	
ii)	Hilly area (per unit)	1,38,000	50	69,000	
	- Subsidy is to be determined as detailed on subsequent pages and/or on prorate basis. - Sanction is to be given only when there is source of quality irrigation water fit for fruit and vegetable crops. - Subsidy is to be released in stages as detailed on subsequent pages - Essential components for integration to determine eligibility for releasing subsidy under this component of Community tank/ on farm pond/ on farm water reservoir are: 1. Water pond 2. Fruit Orchard in catchment area for which capacity tank has been built and as specified in table for individual tank (Vegetable crop admissible only in Morni hills of Panchkula) 3. Micro-irrigation in the entire area of fruit orchard as point 2 above. 4. Vermicompost unit one each per member and that can be at one place.				
5.	**Protected cultivation**				
I)	**Green House Structures**				Structures can be built as per the specifications detailed on subsequent pages and terms and conditions mentioned therein.
a)	Fan& Pad System	1465/sqm	50	733/sqm	Cost limited to 1000 sqm/beneficiary.
b)	Naturally ventilated system				
	i) Tubular structure	935/- sqm	50	468/- sqm	Cost limited to 1000 sqm/beneficiary.
	ii) Wooden structure	515/-sqm	50	258/-sqm	Limited to 2 units (each unit not to exceed 500sq.m /beneficiary.
	iii) Bamboo structure	375/- sqm	50	188/- sqm	Limited to 5 units (each unit not to exceed 200sq.m /beneficiary.
	Walk-in-Tunnel				

	Tubular structure	800/- sqm	50	400/- sqm	Cost limited to 1000 sqm/beneficiary For tunnel height more than 3.0 m and less than 4.5 m. For tunnel height of 4.5 m or more the assistance is to be determined at par with naturally ventilated system of green house
		600/- sqm	50	300/- sqm	Cost limited to 1000 sqm/beneficiary For tunnel height more than 2.5 m and less than 3.5 m
II)	**Mulching (per ha)**				
		20,000/ha	50	10,000/ha	Maxi. limit = 2 ha per beneficiary
III)	**Shade Net House**				
	i) Tubular structure	600/- sqm	50	300/- sqm	Cost limited to 1000sq.m/beneficiary.
	ii) wooden structure	410/-sqm	50	205/-sqm	Limited to 2 units (each unit not to exceed 500sq.m /beneficiary.
	iii) Bamboo structure	300/- sqm	50	150/- sqm	Limited to 5 units (each unit not to exceed 200sq.m /beneficiary.
IV)	**Plastic tunnel**				
		30/- sqm	50	15/-sqm	limited to 1000sqm per beneficiary
V	**Anti-Bird/Anti Hail Nets**				
		20/-sqm	50	10/-sqm	limited to 5000sqm per beneficiary
Vi	**Cost of planting material of high value vegetables grown in poly house**				
		105/sqm	50	53/sqm	limited to 500sqm/ beneficiary
VII	**Cost of planting material of flowers for poly house**				
		500/sqm	50	250/sqm	limited to 500sqm/beneficiary
6.	**Precision farming development through PFDC**				
	Project based 100% of cost to PFDCs				
7.	**Promotion of Integrated Nutrient Management (INM) and Integrated Pest Management (IPM)**				
i)	Sanitary & Phytosanitary infrastructure	100.00lakh	100	100.00lakh	100% of Cost. This component only in public sector
ii)	Promotion of IPM	2,000/ha	50	1,000/ha	Limited to 4 ha per beneficiary
	Promotion of INM				Limited to 4 ha per beneficiary
					Soluble fertilizers are part of INM and to promote this component, detail guidelines and specifications are given on subsequent pages
iii)	Disease forecasting unit	4,00,000	100	4,00,000	100%. This component only in public sector
					Format-4
iv)	Bio-Control lab				
	Public Sector	80,00,000	100	80,00,000	
	Private Sector	80,00,000	50	40,00,000	Credit linked back ended subsidy

					Format-7 public sector and Format-11 for private sector
v)	Plant Health Clinic				
	a) Public Sector	20,00,000	100	20,00,000	
	b) Private Sector	20,00,000	50	10,00,000	Credit linked back ended subsidy
					Format-5 for public sector and Format-for private sector
vi)	Leaf /Tissue Analysis Lab				
	a) Public Sector	20,00,000	100	20,00,000	
	b) Private Sector	20,00,000	50	10,00,000	Credit linked back ended subsidy
					Format-6 7 for public sector and Format-11 for private sector
8.	**Organic Farming**				
i)	Adoption of Organic Farming (per ha)	20,000	50	10,000	For a maximum area of 4 ha. per beneficiary, 1st year assistance: Rs. 4,000/- per ha 2nd year assistance: Rs. 3,000/- per ha 3rd year assistance: Rs. 3,000/- per ha The programme is to be linked with certification.
ii)	Certification (per cluster)	Project based	-	5,00,000 per cluster	1 cluster = 50 ha 1st year amount: Rs. 1.50 lakhs. 2nd year amount: Rs. 1.50 lakhs 3rd year amount: Rs. 2.00 lakhs
iii)	Vermi-Compost unit /Organic input production unit				
	Vermicompost unit per unit	60,000	50	30,000	Permanent structure of unit size 30'x8'x2.5' dimension and to be administered on pro-rata basis
					Specifications and estimate can be seen at subsequent pages
	HDPE Vermibed	3,500	50	1,750	Size of the unit of 96 cft (12'x4'x2') dimension to be administered on pro-rata basis.
					Specification can be seen at subsequent pages
9.	**Certification for Good Agricultural Practices (GAP) Including infrastructure**				
	Certification programme per ha	10,000	50	5,000	For a maximum area of 4 ha. per beneficiary
10.	**Pollination Support through bee keeping**				
a)	Production of nucleus stock (Public Sector)	10,00,000	100	10,00,000	
b)	Production of bee colonies by bee breeder	6,00,000	50	3,00,000	For producing min. of 2000 colonies/ year
c)	Honey bee colony (4 frames per colony)	1,400	50	700	Limited to 50 colonies/ beneficiary
d)	Hives	1,600	50	800	Limited to 50 colonies/ beneficiary
e)	Equipment including honey extractor (4	14,000	50	7000	Limited to one set/ beneficiary

	frame), food grade container (30 kg.) net etc. Rate per set				
11.	**Horticulture Mechanization**				
a)	Power operated machines / tools including Power saw and Plant Protection equipments etc. Rate per set	35,000	50	17,500	Limited to one set per beneficiary
b)	Power Machines (up to 20 BHP) with rotavator/ equipment	1,20,000	50	60,000	-do-
c)	Power machines (20 HP & above) including accessories/ equipments	3,00,000	50	1,50,000	-do-
d)	Import of new machines & tools for horticulture for demonstration purpose.	50,00,000	100	50,00,000	Limited to public sector only
12	**Technology Dissemination through demonstration/Front Line Demonstration (FLD)**				
	i) Public Sector	25,00,000	100	25,00,000	Public sector, SAUs etc.
	ii) Private Sector	25,00,000	75%	18,75,000	On Farmer field
13	**Human Resource Development (HRD)**				
a)	HRD for supervisors	20,00,000	100	20,00,000	In first year 100%, subsequent years no claim of infrastructure
b)	HRD for Entrepreneurs	20,00,000	100	20,00,000	-do-
c)	HRD for Gardeners	15,00,000	100	15,00,000	-do-
d)	Training of farmers				
i)	Within the District	400	100	400	Expenses per day per farmer excluding transport and journey days. Actual expenses on bus and/or train are to be reimbursed and chargeable to mission mgt. Training period to be limited to 2-6 days including travel period.
ii)	Within the State	700	100	700	
iii)	Outside the State	1000	100	1000	-do- and training period be limited to 5 days excluding travel period.
e)	Exposure visit of farmer				
i)	Within the District	250	100	250	Expenses per day per farmer excluding transport and journey days. Actual expenses on bus and/or train are to be reimbursed and chargeable to mission management. Period of visit to be limited to 2-6 days including travel period.
ii)	Within the State	300	100	300	
iii)	Outside the State	600	100	600	-do-, Period of visit to be limited to 2-6 days excluding travel period.
iv)	Outside India	3,00,000	100	3,00,000	Project Based. 100% of air/rail travel cost on actual basis.
f)	Training/study tour of technical staff/field functionaries				
i)	Within the State	200	100	200	Expenses per day per participant + TA/DA as admissible. Training period to be limited to 2-6 days including travel period.
ii)	Study tour to progressive state/units	650	100	650	Expenses per day per participant + TA/DA as admissible. Group of minimum 5 participants

iii)	Outside India	5,00,000	100	5,00,000	Project Based. 100% of air/rail travel cost on actual basis.
C)	**INTEGRATED POST HARVEST MANAGEMENT**				
					The details can be seen on subsequent pages and format
1.	Pack House/ On farm collection & storage unit	3,00,000	50	1,50,000	50% of capital cost with size of 9mx6m and size can be pro rata basis.
2.	Pre cooling unit	15,00,000	40 to 55	6,00,000 to 8,25,000	For 6 MT capacity for individual entrepreneur. Credit linked back ended subsidy. 40% in general area & 55% in hilly area.
3.	Mobile pre cooling unit	24,00,000	40 to 55	9,60,000 to 13,20,000	For 5 MT capacity for individual entrepreneur. Credit linked back ended subsidy. 40% in general area & 55% in hilly area.
4.	Cold storage units (Construction/expansion/Modernization)	3.00 crore	40 to 55	1.20 crore to 1.65 crore	Rs. 6000/MT for 5000 MT capacity, Credit linked back-ended subsidy @ 40% of the capital cost of project in respect of only those units which adopt new technologies and include insulation, humidity control and fin coil cooling system with provision of multi chambers. Technical parameters issued by the Department to be adopted. 40% in general area & 55% in hilly area.
5.	C.A/M.A Storage units	16.00 crore	40 to 55	6.40 crore to 8.80 crore	Rs. 32,000/MT for 5000 MT capacity and remaining terms as above.
6.	Refer vans/ containers	24,00,000	40 to 55	9,60,000 to 13,20,000	For 6 MT capacity and remaining terms as above
7.	Primary / Mobile/ Minimal processing unit	24,00,000	40 to 55	9,60,000 to 13,20,000	Terms as above
8.	Ripening chamber	30,00,000	40 to 55	12,00,000	Rs. 6000/MT for 5000 MT capacity and remaining terms as above.
9.	Evaporative / low energy cool chamber (8 MT)	4,00,0000	50	2,00,000	As per specification of CIPET
10.	Preservation unit (low cost)	2,00,000	50	1,00,000	50% of the total cost, Rs.2.00 lakh/unit for new unit and Rs.1.00lakh/unit for up-gradation
11.	Low cost onion storage structure (25 MT)	1,00,000	50	50,000	For capacity of 25 MT
12.	Pusa Zero energy cool chamber (100 kg)	4000	50	2000	For 100 kg capacity
D	**ESTABLISHMENT OF MARKETING INFRASTRUCTURE FOR HORTICULTURAL PRODUCE**				
					The details can be seen on subsequent pages and format
1	Terminal markets	Rs. 150.00 crore/project	25 to 40	Rs. 50.00 crore	As Public-Private Partnership mode through competitive

					bidding, in accordance with operational guidelines issued separately.
2	Wholesale markets	Rs. 100.00 crore/ project	25 to 33.33	Rs. 25.00 crore to Rs. 33.33 crore	Credit linked back-ended subsidy @ 25% of the capital cost of project in general areas and 33.33% in case of Hilly & Scheduled areas for individual entrepreneurs.
3	Rural markets/Apni mandies/ Direct markets	Rs. 20.00 lakh/unit	40 to 55	Rs. 8.00 lakhs to 11.00 lakhs	Credit linked back-ended subsidy @ 40% of the capital cost of project in general areas and 55% in case of Hilly & Scheduled areas for individual entrepreneurs.
4	Retail Markets/Outlets (environmentally controlled)	Rs. 10.00 lakh/ unit	40 to 55	4.00 lakhs to 5.50 lakhs	
5	Functional Infrastructure for collection, sorting grading, packing etc.	Rs. 15.00 lakh/unit	40 to 55	6.00 lakhs to 8.25 lakhs	
6	Static/ Mobile Vending Cart/platform with cool chamber (per unit)	30,000	50	15,000	
7	Quality Control/ analysis lab	Rs. 200.00 lakh/ unit	50 to 100	100.00 lakhs to 200.00 lakhs	100% of the total cost to public sector and 50% of cost to private sector as credit linked back ended subsidy.
8	Market extension quality awareness & market led extension activities for fresh products.	Rs. 3.00 lakh /event	100	-	100% assistance to State Government /SHM/Public Sector Agencies.
E	**SPECIAL INTERVENTIONS**				
	Tackling of emergent/ unforeseen requirements of SHMs	Rs. 10.00 lakh per project			
F	**MISSION MANAGEMENT**				
I	**STATE LEVEL**				
1	State & Districts Mission Officers and implementing agencies for administrative expenses, project, preparation, computerization, contingency etc.				5% of total annual exp. on the basis of appraised needs to State Horticulture Mission (SHM/ implementing Agencies
2	Institutional Strengthening, hire/ purchase of vehicles, hardware/ software				Project based
3	Seminars, conferences, workshop, exhibitions, Kisan Mela, Horticulture shows, honey festivals etc.				
a)	State Level	3,00,000	100	3,00,000	For an event of two days.
b)	District level	2,00,000	100	2,00,000	For an event of two days
4	Technical support Group (TSG)at State Level for hiring experts/staff, studies, monitoring & evaluation, mass media , publicity video conference etc.	Rs. 50. 00 lakh/annum	100	Rs. 50.00 lakhs/annum	Project based

Note:

1. **These norms and guidelines are to be operational from April 01, 2010.**
2. **Project based activity means, the project proposals is to be approved by the competent authority.**

3. **The release of back ended subsidy need not be credit linked for the institutions like Public Sector Units, Panchayats, Cooperatives, registered Societies / Trusts and public limited companies , provided they can meet the remaining share of the project cost out of their own resources.**

NATIONAL HORTICULTURE MISSION
Frequently Asked Questions (FAQ)

Question: Are all crops eligible for assistance under National Horticulture Mission (NHM)?
Answer: Yes, all crops except coconut and medicinal plants are covered under NHM. Coconut Development Board is implementing schemes for the development of coconut in the country. Similarly, the National Medicinal Plants Board is implementing the Scheme on National Mission on Medicinal Plants.

Question: What is a Cluster?
Answer: A Cluster, as contemplated in the NHM, comprise area of not less than 100 hectares under a horticulture crop.

Question: Are all the districts covered under the NHM Scheme?
Answer: The Scheme is being implemented in 367 district covering 18 States and 3 UTs in the country. The details of crops and district cluster are available under 'State Profile' of the web site.

Question: Whom should a farmer contact for availing assistance under the NHM?
Answer: The NHM is being implemented by the State Horticulture Mission of which the Mission Director is responsible for coordinating the programme. The contact details of the Mission Directors are given under 'Contact Us' of this web site. At the district level, the District level Committee is responsible for implementing the programme. The District Horticulture officer is the Member Secretary of the DLC, who may be contacted for availing the assistance.

Question: From which date assistance as per new norms will be available to the beneficiaries?
Answer: The new norms are applicable with effect from 1st April, 2010. However, assistance for spill over work of previous year and maintenance of area expansion activities taken up during 2008-09 and 2009-10 will be as per the pre-revised norms.

Question: Can a beneficiary avail assistance for more than one activity under the PHM component of the Scheme.
Answer: Yes. The assistance will be within the permissible limits of individual components for which integrated project proposal will have to be submitted, for approval of EC/EMC.

Question: Can a beneficiary avail assistance for area expansion activity in less than one hectare?

Answer: Yes.

Question: Can a nursery be set up in less than one hectare?
Answer: No. NHM scheme envisages a minimum area of one hectare for setting up a viable nursery to produce quality planting material.

Question: Will assistance be available for irrigation under the NHM?
Answer: Assistance will be available for creating water sources under NHM. This assistance is available only to community based projects/ Panchayati Raj Institutions/Farmer Groups. With effect from 2010-11, individual farmers can also assistance.

Question: Can a farmer get assistance for cultivating two or more crops?
Answer: The Mission envisages a cluster approach for the holistic development of crop in the particular cluster. Hence the farmer is expected to get assistance for the main crop.

Question: Can a beneficiary avail assistance from the NHB as well as NHM for Post Harvest Management related activities?
Answer: Assistance for the same component like storage, pack houses etc. could be availed only from one source.

Question: What is credit linked back ended subsidy and how is it administered?
Answer: Assistance for a number of components under NHM, particularly for the private sector involving infrastructure development such on nurseries, establishment of lab & clinics, post-harvest management and marketing is in the form of credit linked back ended subsidy. It implies that the beneficiary has to avail loan from the Nationalized Banks /Financial Institution (FI) such as NABARD, IDBI, SIDBI, ICICI, State Financial Corporations, State Industrial Development Corporations, NBFCs, NEDFI, National SCST/minorities/ Backward- Classes Financial and Development Corporation, other designated loaning institutions of the State / UTs, Commercial/ Cooperative Banks, etc. Concerned banks/ State FIs may adhere to their own appraisal norms while sanctioning projects under the scheme. The appraisal note submitted to SHM for sanction/ Claim of subsidy should invariably be the same which formed the basis for sanction of term loan.

The project should be implemented within a period of two years from the date of sanction of loan. The payment of back-ended subsidy will be made after the project has been successfully completed according to the terms and conditions of the loan/or as per the approved feasibility cum project report, as the case may be.
Upon completion of the project, the concerned Bank/FI/would inform SHM that the project had been completed (in accordance with) the guidelines of NHM and shall make a request to SHM for joint inspection of project the point inspection will be conducted in the presence of promoter. The payment of back ended subsidy will be made after project has been successfully completed according to the terms and conditions of the loan or as per the approved feasibility-cum-project report, as the case may be.

Bank /FI/NCDC, as the case may be, would submit to SHM the Utilization Certificate of the subsidy released by SHM. The subsidy assistance released by SHM to Bank/FI on behalf of the individual units which are sanctioned, will be kept in the separate

account. The adjustment of subsidy will be on the pattern of back-ended subsidy wherein the full project cost including the subsidy amount but excluding the margin money contribution from beneficiary would be disbursed as loan by the banks. The repayment schedule will be drawn on the loan amount in such a way that the subsidy amount is adjusted after the bank loan portion (excluding subsidy) is liquidated.

The subsidy admissible to the borrower under the scheme will be kept in the Subsidy Reserve Fund A/c. borrower .wise in the books of the financing Banks. No interest will be applied on subsidy portion by the Bank. The balance lying to the credit of the Subsidy Reserve Fund A/c will not form part of Demand and Time Liabilities for the purpose of SLR/CRR. Suitable instructions issued in this regard by the RBI from time to time would be followed.

Question: Can a farmer avail assistance for activities like mushroom production and bee keeping?
Answer: Yes, with effect from 2010-11, assistance is available for activities like (a) Integrated mushroom unit for spawn, compost production and training (b) spawn making unit and (c) compost making unit. Assistance is also available for beekeeping activities like production of bee colonies by Bee Breeders, distribution of honey bee colonies, hives and bee keeping equipments.

Question: Is assistance available under NHM for setting up food processing units?
Answer: Under NHM Scheme, assistance is available for setting up primary / mobile processing unit costing up to Rs. 24.00 lakh. For bigger units, assistance is being provided by the Ministry of Food Processing Industries.

DELEGATION OF POWERS

To The

Members of Executive Committee of "Haryana State Horticulture Development Agency" (HSHDA), "District Horticulture Mission Implementation Units" (DHMIU) and Principal HTI For Implementation of Programmes of National Horticulture Mission & National Mission on Medicinal Plants

Sr. No.	Nature of Powers	Authority to Which the Power is Delegated	Extent of Power Delegated
1.	To sanction for incurring expenditure on research studies and extension work.	Chairperson, HSHDA Mission Director	Full Powers. Up to Rs.5.00 lac at a time.
2.	Hiring of consultants/Resource persons.	Chairperson, HSHDA Mission Director Chairman DHMIU Principal, HTI DHO	Full Powers. Up to Rs.1.00 lac at a time. Up to Rs.20,000 at a time. Up to Rs.20,000 at a time. Up to Rs.5,000 at a time.
3.	To sanction and incur expenditure on mobilization activities	Chairperson, Mission Director	Full Powers. Up to Rs.2.00 lac at a time.
4.	To sanction for incurring expenditure on per training/tour/studies/visits per batch including honorarium, TA/DA etc.	Mission Director Jt. Director cum treasurer Principal, HTI DHO	Full Powers. Up to Rs.50,000/- at a time. Up to Rs.50,000/- at a time. Up to Rs.5,000 at a time.
5.	To sanction for incurring expenditure for printing of training/teaching/learning material.	Mission Director Jt. Director cum treasurer Principal, HTI DHO	Full Powers. Up to Rs.10,000/- at a time. Up to Rs.10,000/- at a time. Up to Rs.10,000/- at a time.
6.	To sanction purchase of teaching/learning material and other articles for distribution to staff, farmers and other beneficiaries.	Mission Director DHO	Full Powers. Up to Rs.2,000/- at a time in each individual case.
7.	To sanction purchase of books, periodicals, magazines, journals and newspapers.	Mission Director Principal, HTI DHO	Full Powers. Up to Rs.5,000/- per month Up to Rs. 500/- per month.
8.	To sanction for write off waste material, books, old/outdated books, periodicals, unserviceable material etc.	Mission Director Principal, HTI DHO	Full Powers. Up to Rs.1,000 at a time in each case. Up to Rs.500/- per month.
9.	To convey administrative approval for expenditure on all type of works of	Chairperson, HSHDA Mission Director	Full Powers. Up to Rs.5.00 lac at a time.

	estimates of construction/repairs/tenders.	DHO	Up to Rs.25,000/- at a time.
10.	To give technical and financial sanctions for expenditure on all type of works on construction/repairs/tenders	Chairperson, HSHDA Mission Director DHO	Full Powers. Up to Rs.5.00 lac at a time. Up to Rs.25,000/- at a time.
11.	Execution of documents relating to contract for works and supplies	Mission Director	Full Powers.
12.	Execution of documents relating to contract for works and supplies at DHMIU	DHO	Full Powers.
13.	To sanction and make purchase for infrastructure & development/PHM/of any item for store/execution of civil and other works envisaged in the project according to the approved budget/work plan.	Chairperson, HSHDA Mission Director DHO Chairman, DHMIU	Full Powers. Up to Rs.25.00 lac at a time. Up to Rs.25,000/- at a time. Up to Rs.50,000/- at a time.
14.	To declare articles of store and stock as surplus/unserviceable and sale thereof.	Mission Director Joint Director cum treasurer	Full Powers. Up to Rs.25,000 at a time.
15.	To write off account losses (i.e. book loss as opposed to physical loss) arising out of the disposal of stores and stocks.	Mission Director	Full Powers.
16.	To grant extension of time limit for civil works.	Mission Director DHO	Full Powers. Up to 30 days
17.	To sanction and make purchase of seeds/seedlings/planting material and inputs viz. fertilizers, FYM, Chemicals etc.	Mission Director Chairman, DHMIU DHO	Full Powers. Up to Rs.5.00 lac per horticultural crop in a year. Up to Rs.2.50 lac per horticultural crop in a year.
18.	To give sanction for sale of seeds, seedlings, planting material and other farm produce/products produced at farm as per approved rate.	Mission Director Chairman, DHMIU DHO	Full Powers. Up to Rs.5.00 lac per horticultural crop in a year. Up to Rs.2.50 lac per horticultural crop in a year.
19.	To declare horticulture produce, nursery plants, fruit trees, farm yard manure/compost and other materials etc. surplus to requirements.	Mission Director Joint Director cum treasurer	Full Powers. Up to Rs.10,000 at a time.
20.	To give sanction for rate/rent and taxes	Mission Director Joint Director cum treasurer DHO	Full Powers. Up to Rs.5,000 per month per case. Up to Rs.500 per month per case
21.	To give sanction for contract work of deployment of skilled, semi-skilled labor on daily or monthly wages basis.	Mission Director.	Full powers at D.C. rates.
22.	To sanction the posts of Class-I, II and Class-III in HSHDA under NHM.	Chairman, HSHDA	Full Powers.

23.	To sanction posts of Class-IV employees on daily wages whose pay is chargeable to Mission Management budget.	Mission Director	Full Powers.
24.	To sanction and make payment of pay and allowances including TA/DA	Mission Director Principal, HTI DHO	Full powers. Full powers w.r.t. employees appointed by Chairperson/Mission Director, at HTI, Uchani. Full powers w.r.t. employees appointed by Chairperson/Mission Director, HSHDA
25.	To take officer/officials from Horticulture and line department on deputation.	Chairman, HSHDA	Full Powers.
26.	Power to appoint contractual staff under HSHDA and renewal/termination of contract thereof.	Mission Director	Full Powers.
27.	To sanction festival/wheat advances etc. to class-IV employees.	Mission Director	Full Powers.
28.	To give sanction for expenditure for the purchase/supply of machinery, tools, equipments and instruments	Chairperson, HSHDA Mission Director Principal, HTI DHO	Full Powers Up to Rs.5.00 lac at a time. Up to Rs.25,000 at a time. Up to Rs.25,000/- at a time
29.	To sanction the fee remuneration of auditors and legal advisers and sanction of TA/DA for non-officials members of HSHDA	Mission Director	Full Powers.
30.	To sanction the fee remuneration of auditors and legal advisers and sanction of TA/DA for non-officials members of DHMIU	Chairman, DHMIU DHO	Full Powers. Up to Rs. 2,000/- in each case.
31.	To sanction honorarium to HSHDA employees/staff as remuneration for work perform which is so laborious or of such special merit as to justify a special reward.	Mission Director	Up to Rs.10,000/- in each individual case in a financial year.
32.	To organize workshop/seminar/ conference/meetings etc. at State/Distt. level and outside state.	Mission Director Joint Director cum treasurer Principal, HTI DHO	Full Powers. Up to Rs.20,000 at a time. Up to Rs.20,000 at a time. Up to Rs.10,000 at a time.
33.	To sanction honorarium to guest speakers and expert participants called in workshops/meeting/seminars/conference.	Chairperson Mission Director	Full Powers. Up to Rs. 5,000/- in each individual case.

34.	To sanction hospitality funds for foreign delegates, officers/officials from GOI, other states, faculties and local staff from Horticulture and related sector.	Mission Director Joint Director cum treasurer Principal, HTI DHO	Full Powers. Up to Rs.5,000 /- per day in each individual case.. Up to Rs.2,000 /- per day in each individual case.. Up to Rs.500 /- per day in each individual case.
35.	Purchase of vehicles	Chairperson	Full Powers.
36.	Condemnation of vehicles	Mission Director	Full Powers.
37.	Furniture for Offices and HTI hostel and Horticulture Training Institute	Chairperson Mission Director Principal, HTI	Full Powers. Up to Rs. 5.00 lac at a time. Up to Rs.10,000 at a time.
38.	To give sanction for information technology installation including telecommunication systems.	Mission Director	Full Powers.
39.	To sanction and incur contingent office expenses.	Mission Director Joint Director cum treasurer Chairman, DHMIU Principal, HTI DHO	Full Powers. Up to Rs.10,000 at a time. Up to Rs.10,000 at a time. Up to Rs.10,000 at a time. Up to Rs.10,000 at a time.
40.	Authority for signing of cheques of HSHDA with different banks having accounts of HSHDA.	Mission Director and Joint Director cum treasurer Jt. Director cum treasurer and Accounts Officer.	Full Powers. Up to Rs.5.00 lac at a time.
41.	Authority for signing of cheques of HSHDA with different banks having accounts of DHMIU.	Chairman, DHMIU and DHO	Full Powers.
42.	Miscellaneous items not mentioned above.	Chairperson, HSHDA Mission Director Chairman, DHMIU Principal, HTI, DHO	Full Powers. Up to Rs. 5.00 lac at a time. Up to Rs.50,000 at a time. Up to Rs.1,000 at a time. Up to Rs.500 at a time.

NOTE:

1) During a financial year, no authority can exercise the powers beyond the amount provided against that item in the annual work plan and budget for that financial year approved by GOI/HSHDA.
2) The delegation of powers shall be applicable to the HSHDA and to DHMIU to which budget is provided under NHM.

3) A higher authority in the HSHDA may exercise the powers delegated to the authority subordinate to it.
4) No fresh appointment as under item at serial 22 except on deputation in HSHDA under NHM shall be made by any authority except on the recommendation of selection committee duly constituted by Chairperson, HSHDA.
5) Every cheque shall be signed by two functionaries of HSHDA and DHMIU.

राष्ट्रीय बागवानी मिशन/State Plan Schemes
आवेदन पत्र
(क्षेत्र विस्तार)

क) कृषक का विवरण

1. नाम :
2. पिता/पति का नाम :
3. कैटगरी ( ) :
4. गांव ———————— ब्लाक ———————— जिला ————————
5. कृषक के नाम पर कुल भूमि (है0) :
6. उद्यान फसलों के नाम पर कुल भूमि (है0) :
7. खसरा नं0 जिसमें क्षेत्र विस्तार करना है) :

ख) अनुदान के लिए विवरण

1. किस मद्द कि 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 मैने इस मद के अन्तर्गत किसी अन्य संस्था या स्कीम से सहायता प्राप्त नहीं की है तथा मैं यह भी घोषित करता हूँ कि ली गई सहायता की राशि का सद्पयोग करूंगा।

प्रार्थी (हस्ताक्षर एवं दिनांक)

————————————————————————————————————

कार्यालय प्रयोग हेतू

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

1. क्षेत्र/नं0 :
2. राशि :
3. टिप्पणी :

(हस्ता.)
(उद्यान विकास अधिकारी)
ब्लाक ————————————

क्रमांकः— दिनांकः—

प्रेषित

I) स्वीकृति राशि :
II) दी जाने वाली सहायता का विवरण :
अ) पौध/बीज के रूप में : ————————————
III) अन्य सामाग्री के रूप में : रूपये ————————————
IIII) अन्य कार्यों के लिए नकद राशि : (पौधा रोपण/बीजाई उपरान्त)
स ————————चैक नं0 ————————क ————————

(हस्ता.)
जिला उद्यान अधिकारी एवं सदस्य सचिव

राष्ट्रीय बागवानी मिशन/State Plan Schemes
आवेदन पत्र
(प्रशिक्षण हेतू)

क) कृषक का विवरण

1. नाम :
2. पिता/पति का नाम :
3. कैटगरी ( ) :
4. गांव ———————— ब्लाक ———————— जिला ————————
5. कृषक के नाम पर कुल भूमि (है0) :
6. उद्यान फसलों के अन्तर्गत भूमि (है0) :
   1) सब्जियां :
   2) फल :
   3) मसाले :
   4) औषधीय एवं सुगन्धित पौधेः
   5) मशरूम :

ख) प्रशिक्षण के लिए विवरण

1 विषय :
2. संस्थान :
   क) राज्य के अन्दर ————————
   ख) राज्य के बाहर ————————
3. क्या पहले प्रशिक्षण लिया हे (हां या नहीं) :
   संस्थान का नाम ————————

प्रार्थी (हस्ताक्षर एवं दिनांक)

———————————————————————————————————————

कार्यालय प्रयोग हेतू

यह प्रमाणित किया जाता है कि कृषक का विवरण ठीक है, इसमें असके नाम की सिफारिश निम्नानुसार पशिक्षण के लिए की जाती है।

1. प्रशिक्षण का नाम :
2. संस्थान : :

(हस्ता.)
(उद्यान विकास अधिकारी)
ब्लाक ————————

क्रमांकः— दिनांकः—

प्रेषित

जिला उद्यान अधिकारी एवं सदस्य सचिव,
जिला मिशन कियान्वित इकाई, ————

(हस्ता.)
जिला उद्यान अधिकारी एवं सदस्य सचिव
जिला उद्यान मिशन कार्यान्वयन इकाई

————————————————

राष्ट्रीय बागवानी मिशन/State Plan Schemes

आवेदन पत्र

(प्रोजैक्ट/परियोजना हेतू)

क) कृषक का विवरण

1. नाम :
2. पिता/पति का नाम :
3. कैटगरी ( ) : अनु./सा.
4. गांव ———————— ब्लाक ———————— जिला ————————
5. कृषक के नाम पर कुल भूमि (है0) :
6. उद्यान फसलों के नाम पर कुल भूमि (है0) :

ख) अनुदान के लिए विवरण

1. किस मद् के लिए :
2. प्रोजैक्ट राशि
3. अनुदान राशि :
4. क्या पहले अनुदान लिया गया है (हां या नहीं):

ग) संलग्न दस्तावेजों का विवरण

1. ————————————————
2. ————————————————
3. ————————————————
4. ————————————————
5. ————————————————

प्रार्थी (हस्ताक्षर एवं दिनांक)

————————————————————————————————————

कार्यालय प्रयोग हेतू

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

4. क्षेत्र/नं0 :
5. राशि :
6. टिप्पणी :

(हस्ता.)
(उद्यान विकास अधिकारी)
ब्लाक ————————————

क्रमांकः— दिनांकः—

सत्यापनः

1. प्रोजैक्ट/क्षेत्र/नं0 :
2. सिफारिश की गई अनुदान राशि :

(हस्ता.)
जिला उद्यान अधिकारी एवं सदस्य सचिव
जिला उद्यान मिशन कार्यान्वयन इकाई
———————————————— क्रमांकः—

दिनांकः—

प्रेषित

मिशन निदेशक, हरियाणा स्टेट हार्टिकल्चर डिवलपमेंट एजेंसी, पंचकूला।

NHM/State Plan Schemes: Format of Approval/Sanction
(sought from the Director/Mission Director, HSHDA)

To

The Mission Director/Director,
Haryana State Horticulture Development Agency
Udhyan Bhawan, Panchkula-134 112
Haryana

Memo. no.: Dated:

Subject: Project approval cum Financial sanction under NHM Year 2010-11 for the Scheme Component _____

With reference to the above subject, the proposal for establishment of new orchard or community tank or _____ under the scheme has been approved by DHMIU and the total amount has crossed the limit as entrusted to DHMIU under delegation of power no._____, therefore, the sanction may please be issued for the followings:

Sn	Name of crop/input or Name of Beneficiary	Variety/kind or Component	Area (ha) or Size	No. of Plants or quantity of inputs or Total Amount of tank	Amount for sanction or Assistance Proposed (Rs.)

List of documents attached:

1. Copy of bills/receipts duly entered in the stock register by TA and verified and attested by the MS/DHMIU or
2. List of documents attached required for community tank

DHO/Member Secretary
District Horticulture Mission
Implementation Unit, _____

Strikeout whichever is not applicable

DHO/District Horticulture Mission Implementation Unit- _____

Verification Report

Sn	Name of the beneficiary farmer	Name of component	Area/size under the component	No. of plants or quantity

It is certified that the installation/construction/plantation of the component is as per the guidelines of Govt. of India and the material and quantity has been checked and found satisfactory at the site.

Date of Verification: Date:_____, Month_____/Year_____
Report verified by:

HDO/Extension Member/DHMIU DHO-MS/DHMIU
(as nominated by Chairman DHMIU)

Counter signature by:
I/we is/are satisfied with the above report. It is therefore requested to release the subsidy amount due to me/us.

Beneficiary Farmer

NHM
Check Lists
&
Detailed Specifications

These are only Referral Specifications

&

These can't be applied as such in all the areas of the State having different topography and soil conditions. The opinion of the expert from SAU or other related expert in the field of different crops/component may be obtained.

Checklist-1

Model/Small Nursery

Sn.	Particular	Checklist
1	Application of beneficiary farmers duly forwarded by the HDO and MS/DHMIU, attached	Yes/No
2	Jamabandi/khasra no./plot no. of land	
3	Sketch plan of the project	
4	Detail project report with the following details, attached	Yes/No
a)	Filled in Format 9 and 10 on pages 39 and 41 as the case may be	
b)	Item wise detailed estimate for the following:	
	i) Shade net house	
	ii) Poly green house	
	iii) Soil sterilization system	
	iv) Water storage system	
	v) Any other latest technology proposed including MI system	
5	Loan applied, if so are the following information, enclosed	Yes/No
a)	Name and Branch of Financial Institution	
b)	If loan sanctioned: amount, date and loan account no.	
6	**Affidavit** from the beneficiary farmer duly attested by First Class Magistrate with the following information, attached	Yes/No
a)	That the assistance will be utilized for the component for which it would be released	
b)	That I will produce minimum of 50,000 numbers per hectare of mandated perennial vegetatively propagated fruit plants	
b)	That the project will be built on the land with Khasra no.:_____, Khewat no._____	
c)	That I/we has/have not taken any assistance for the same purpose from any other Govt. source under any scheme.	
d)	The expenditure above the cost estimate is to be borne by me	
e)	We will bear all maintenance cost of the unit/project	
f)	We will refund the payment released to us in case of violation of terms and conditions and guidelines of Govt. of India.	
g)	The decision of the District Horticulture Mission Committee so constituted by DHMIU will be final and binding on me/us	
5	Feasibility report by MS/DHMIU	Yes/No

Sign of HDO **Sign of TA** **Sign of DHO**

Specifications-1

Model and Small Nursery

Indicative List of Items and Estimated cost

Model Nursery

Sn	Development work	Approximate rate	Area	Estimated Amount
1	Poly house	Rs. 450/sqm	500 sqm	2,25,000
2	Shade net house	Rs. 300/sqm	2000 sqm	6,00,000
3	Mist chamber	Rs. 800/sqm	500 sqm	4,00,000
4	Mother block	Rs. 75,000/ ha	2.0 ha	1,50,000
5	MI-Drip/foggers	Rs. 1500/sqm	100 sqm	1,50,000
6	Drip irrigation for mother plants	Rs. 35,000/ha	2.0 ha	70,000
7	Water Storage facility			1,00,000
8	Soil sterilization system			1,05,000
			TOTAL	**18,00,000**

Small Nursery

Sn	Development work	Approximate rate	Area	Estimated Amount
1	Poly house (optional)	Rs. 450/sqm	80 sqm	36,000
2	Poly tunnel	Rs. 450/sqm	80 sqm	36,000
2	Shade net house	Rs. 300/sqm	200 sqm	60,000
3	Mist chamber	Rs. 800/sqm	100 sqm	80,000
4	Mother block	Rs. 75,000/ ha	0.40 ha	30,000
5	MI-Drip/foggers	Rs. 1500/sqm	10 sqm	15,000
6	Drip irrigation for mother plants	Rs. 35,000/ha	0.40 ha	14,000
7	Water Storage facility			50,000
8	Soil sterilization system			15,000
			TOTAL	**3,00,000**

Note: the size of unit and cost may vary according to the requirement and as per new guidelines

Checklist-2

Seed Production Programme

Farmer/Private firm/Entrepreneur

Sn	Particulars	Checklist
1	Application of beneficiary farmers duly forwarded by the HDO and MS/DHMIU, attached	Yes/No
2	Filled in Format-12 (pages 45-47)	Yes/No
3	Proposal for Seed Production Programme attached	Yes/No
4	Area under Seeds Production Programme	
5	Crop under Seed Production Programme	
6	Variety under Seed Production Programme	
7	Open Pollinated or Hybrid	
8	Breeder/F1/F2	
9	Sources of seed/line	
10	Name of Certification Agency	
11	Total Area proposed	
12	Total Amount of the programme	
13	Total Assistance sought	

Public Sector

Sn	Particulars	Checklist
1	Filled in Format-12 (pages 45-47)	
2	Name of Seed Production Programme	
3	Name of the crop	
4	Name of variety	
5	Open Pollinated/Hybrid seed	
6	Total assistance amount under hybrid seeds	
7	Total amount under open pollinated seed programme and if open pollinated pl. submit project report for approval	
8	List of beneficiaries	
9	Total amount of subsidy	
10	Amount of subsidy released	

Sign of HDO **Sign of TA** **Sign of DHO**

Checklist-3

New/Rehabilitation of Tissue Culture Unit

Public/Private

Sn	Particulars	Checklist
1	Application of beneficiary farmers duly forwarded by the HDO and MS/DHMIU, attached	Yes/No
2	Jamabandi/khasra no./plot no. of land, attached	Yes/No
3	Sketch plan of the project, attached	Yes/No
4	**Project Proposal**	Yes/No
	Format-8 (pages 35 & 36) for Public Sector Format-11 (pages 45 – 47) for Private Sector	
5	Loan applied (Private Sector only)	Yes/No
	If yes, Name of Financial Institution with Branch	Yes/No
	Loan sanction letter	Yes/No
B	**Affidavit** from the beneficiary farmer duly attested by First Class Magistrate with the following information, attached (private sector)	Yes/No
a)	That I/we will produce a minimum of 15 lakh plants of mandated crops for which protocols are available for commercial use	
b)	That the assistance will be utilized for the tissue culture plants of horticultural crops	
c)	That the project will be built on the land with Khasra no.:_____, Khewat no._____or plot no.	
d)	That I/we has/have not taken any assistance for the same purpose from any other Govt. source under any scheme.	
e)	The expenditure over and above the cost estimate is to be borne by me	
f)	We will bear all maintenance cost of the unit/project	
g)	We will refund the payment released to us in case of violation of terms and conditions and guidelines of Govt. of India.	
h)	The decision of the District Horticulture Mission Committee so constituted by DHMIU will be final and binding on me/us	
C	**Feasibility report** by MS/DHMIU	Yes/No

Sign of HDO **Sign of TA** **Sign of DHO**

REJUVENTATION TECHNOLOGY

Mango, Sapota, Citrus – Kinnow, Guava, Ber, Aonla Orchards

Sr no.	Component	Estimated Cost/ Expenditure per tree (Rs.)
A.	**Fixed Cost**	
1.	Removal of dry wood	10
2.	Pasting of Bordo paste and application of copper-oxychloride	5
B.	Variable Cost	
1.	FYM (100 Kg)	25
2.	Fertilizer (1.3 Kg Urea, 1.75 Kg SSP, 0.375 Kg MOP	10
3.	Plant Protection (Monocrotophos, Endosulphon, Copper Oxy-chloride, Streptocycline, Carbofuron etc.)	20
4.	Irrigation Charges	20
5.	Labourer Charges	20
6.	Misc.	10
	Total	120

Note:

1. Estimated cost per tree : Rs. 130/-
2. Estimated cost per hectare (~ 275 trees) : Rs. 33,000.00
3. Maximum subsidy limit on rejuvenation : Rs. 15,000.00

Checklist-4

Community tank/ on farm pond/ on farm water reservoir

Sn.	Particular	Checklist
A	**Project proposal: List of documents**	
1	Application of beneficiary farmers duly forwarded by the HDO and MS/DHMIU, attached	Yes/No
2	List of beneficiary farmers alongwith detail of area, attached	Yes/No
3	Jamabandi of land of every member of community, attached	Yes/No
4	Cost estimate by approved agency, attached	Yes/No
5	Sketch plan of community tank, attached	Yes/No
6	**Affidavit** from members of community duly attested by First Class Magistrate with the following information, attached	Yes/No
B	**Information to be filled up by HDO and Verified by MS/DHMIU**	
1	Whether the farmers are in community/Group (_>2 farmers)	
2	Whether the names have been duly approved by the Chairman, DHMIU	
3	Size of community tank in cum	
4	Capacity of community in cubic litre	
5	Catchments area proposed	
6	Crops proposed under horticulture:	
7	Area proposed under Micro Irrigation System	
8	Total estimate of the tank	
9	Total assistance proposed	

Sign of HDO **Sign of TA** **Sign of DHO**

AFFIDAVIT FORMAT

Community tank/ on farm pond/ on farm water reservoir

a)	The tank will be built under Community tank/ on farm pond/ on farm water reservoir component of NHM
b)	The tank will be built on the land with Khasra no.:_____, Khewat no._____
c)	The tank will be built by us from our own resources
d)	We (farmers) have not taken any assistance for the same purpose from any other Govt. source under any scheme.
e)	We are having equal rights for using the water of community tank and will share the community tank for horticultural purposes
f)	We will utilize tank water for horticultural crops through Micro Irrigation system
g)	The expenditure over and above cost estimate is to be borne by the community
h)	We shall bear the cost of construction for bringing water from water source to water pond.
i)	We will bear all maintenance cost of tank in future.
j)	We shall be fully responsible for quality of work and work will be completed as per design and specification.
k)	We 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.
l)	We shall not make any claim whatsoever due to faulty design and lack of construction quality done by farmers themselves.
m)	We will refund the payment released to us in case of violation of terms and conditions and guidelines of Govt. of India.
n)	The decision of the District Horticulture Mission Committee so constituted by DHMIU will be final and binding on our community/group.

Signatures of all the beneficiaries duly attested by first Class Magistrate.

COMMUNITY TANK/FARMPOND

LAND RECORD VERIFICATION:-

Sr. No.	Name of farmers	Muraba No.	Killa No.	Farmers share/are	
				K	M
	Total				

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

Revenue Officer/Patwari

The farm pond/community tank shall be constructed in M.No./Killa No._____ Village_____ block_____ which stands in the name of Sh. _____.

HDO Concerned Block

District Horticulture Officer

Detailed Guidelines and Justification
for
Community tank/ on farm pond/ on farm water reservoir

1. ***GOI Instructions:* -** GOI has framed guidelines for whole of India. Mainly in Southern States, the community water storage tanks are built with plastic lining. According to GOI guidelines, this one unit shall be for irrigation for an area of 10 ha with pond size of 100mx100mx3m or any other size depending upon pro rata basis, owned & managed by a community/farmer group. Assistance under NHM will be restricted to the cost of plastic/ RCC lining. However, for non NREGS beneficiaries, assistance on entire cost including construction of pond/tank as well as lining can be availed. Accordingly the estimate works out to be as:

Sn.	Top size (in m)	Bottom size (in m)	Mean size (in m)	Depth (in m)	Slope	Capacity (in litres)	Amount of Assistance (100%) Rs. in lakhs	Area Coverage (ha)	Rate per litre (in Rs.)
1.	328x328.	299x299	313x313	10	1:1.5	2,74,00,000	65.10	79	0.24

The size of tank as per GOI standards is to be constructed on 1 ha area and having a capacity of 2.74 crore litres of water. This much capacity will for 79 ha. area as against 10 ha area as calculated by GOI. Further, GOI prescribed 100% assistance on this component subject to maximum limit of 15.00 lacs, whereas cost of tank with size prescribed by GOI comes to Rs. 65.10 lacs. The provision of assistance, size of tank as per GOI norms and required size of tank as per crop water requirement do not synchronize. Therefore, on the basis of water requirement of crops, limit of assistance and HSR of civil work, the estimates of tanks with matching water holding capacity for given catchment area are prepared.

2. ***In Haryana*: -** In Southern Haryana most of the area is having ground strata of sandy soil. Brick lining in cement mortar with RCC beams is to be provided to retain earth pressure on all sides of tank. In our situation, the tank should have capacity which can hold water for at least 20-22 days until next turn of canal water is received by the farmer on turn basis.

   The peak water requirement of a plant is 60 litres per day (source PFDC, GOI) when given through drip irrigation system. On that basis a tank should store 3,50,000 litres of water to irrigate an area of 1 ha of plantation (60 litres x 21 days x 275 plants/ha =

3,46,500 litres say 3,50,000 litres). Accordingly the estimates of the tanks were prepared based on the HSR (Haryana Schedule of Rates).

3. ***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): -
<u>Calculation of area, capacity, area coverage and amount of assistance:</u>

S. No	**Tank Size**			**Depth (ft')**	**Side Slope**	**Capacity (in liters)**	**Corresponding amount of subsidy based on HSR 2009 (Rs. in lacs)**	**Corresponding Coverage Area (in Ha.) Capacity/3.50 lakh liter**	**Rate per liters (in Rs.)**
	Top size (ft.)	**Bottom size (ft')**	**Mean Size (in ft')**						
1.	60x36	40x16	50x26	10	1:1	3,50,000	1.70	1	0.48
2.	65x55	45x35	55x45	10	1:1	7,00,000	2.50	2	0.36
3.	80x70	44x34	62x52	12	1:1.5	10,50,000	3.30	3	0.31
4.	90x78	54x42	72x60	12	1:1.5	14,00,000	3.85	4	0.28
5.	100x84	64x48	82x66	12	1:1.5	17,50,000	4.50	5	0.26
6.	100x96	64x60	82x78	12	1:1.5	21,00,000	5.20	6	0.25
7.	120x90	84x54	102x72	12	1:1.5	24,50,000	5.85	7	0.24
8.	120x100	84x64	102x82	12	1:1.5	28,00,000	6.50	8	0.23
9.	120x110	84x74	102x92	12	1:1.5	31,50,000	7.10	9	0.22
10.	120x120	84x84	102x102	12	1:1.5	34,80,000	7.75	10	0.22
11.	130x130	94x84	112x102	12	1:1.5	38,30,000	8.45	11	0.22
12.	140x120	104x84	122x102	12	1:1.5	41,70,000	9.00	12	0.22
13.	140x125	104x89	122x107	12	1:1.5	43,50,000	9.40	12.5	0.22
14.	150x120	114x84	132x102	12	1:1:5	45,00,000	9.65	13	0.21
15.	150x128	114x92	132x110	12	1:1:5	48,70,000	10.35	14	0.21
16.	150x136	114x100	132x118	12	1:1.5	52,00,000	11.00	15	0.21
17.	160x135	124x99	142x117	12	1:1.5	56,00,000	12.00	16	0.21
18.	160x146	124x110	142x128	12	1:1.5	61,20,000	13.00	17.5	0.21
19.	160x157	124x121	142x139	12	1:1.5	66,50,000	14.00	19	0.21
20.	160x167	124x131	142x149	12	1:1.5	71,30,000	15.00	20.60	0.21

***<u>Note</u>**: The assistance intermittent cover area shall be determined on prorate basis.*

4. Eligibility Criteria and terms and conditions

Who are eligible?

i) The tank will be built under Community tank/ on farm pond/ on farm water reservoir component of NHM.

ii) The community/farmer group must have more than 2 beneficiary families with required catchment area.

Conditions for Eligibility

iii) The land ownership community/farmer group's member shall be ensured from revenue record.

iv) The farmers who have taken any assistance for the same purpose from any other Govt. source under any scheme will not be eligible.

v) The beneficiaries will submit an affidavit with respect to that they are in agreement with the terms and conditions.

vi) The community/farmer group should have a permanent source of quality water fit for horticultural crops for filling the water tank.

vii) 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 fruit Orchard except in Morni hill area where vegetables are also allowed.

viii) All such area must be brought under Micro Irrigation System.

ix) Assistance is limited to maximum 15 lacs per community/farmer group.

Tank Construction and Maintenance Conditions

x) The tank will be built by the beneficiaries from their own resources and by themselves by engaging qualified engineers and skilled manpower.

xi) They shall be fully responsible for quality of work and work will be completed as per design and specification.

xii) The farmer group/community shall have to bear all maintenance cost of tank in future.

xiii) They shall not make any claim whatsoever due to faulty design and lack of construction quality done by farmers themselves.

xiv) 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

xv) The expenditure over and above cost estimate is to be borne by the community/farmer group.

xvi) 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.

<u>Conditions for Release</u>

xvii) 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.

xviii) They will refund the payment released to them in case of violation of terms and conditions and guidelines of Govt. of India.

xix) The decision of the District Horticulture Mission Committee so constituted by DHMIU will be final and binding on all such farmer group/community.

5. Application & Documents:

i) Farmers will submit application from along with the information/detail required in checklist/performa prescribed by HSHDA (copy enclosed).

ii) An affidavit duly attested by first Class Magistrate 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.

iv) HDO will ensure that documents are complete and duly 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.

6. 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 3 stages/4 stages for release the subsidy (as given below) in the benefit of farmers.

A) 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%

B) Stages for release of subsidy for community tanks under NHM

Stage	**Work**	**Assistance (%)**
First	- Excavation and earth work completion including removing of excavated earth. - Cement Concrete in foundation, RCC in Toe wall & in Corner Beam including reinforcement. - Brick lining laid flat in cement 1:3 on wall & Brick work in parapet.	30%
Second	- Cement Concrete on sub base of floor. - Brick lining laid in cement 1:3 on floor. - Thick plaster in cement 1:4 complete. - Fixing of MS angle barbed wire and brick floor on edge path complete. - Miscellaneous left out works such as inlet channel etc. - Trenching of drip lines & digging and filling of pits.	30%
Third	- Micro Irrigation System installed & fruit crop plantation.	20%
Fourth	- Other integrated component	20%

Detailed Specifications for Vermicompost Unit

ESTIMATE

Name of Work:- Vermi Compost Unit Of Size 26'x17'

Sr. No.	HSR Item No.	Description	Amount
1.	6.6	Earth work in excavation in foundation trenches in all kind of soil nec. 20 mtr depth including dressing of bottom and side of trenches. Stacking excavated soil and clear of trenches subsequent filling around masony in 15 cm layers with compaction including disposal of all surplus soil as directed within a lead of 30 m Length of wall =2x25.75' = 51.5 2x 16.25' = 32.5 Total = 84.00' 1x84'x1.5'x1.5' = 189.00 cft Extra for Pillars 4x3'x0.5'x1.5' = 9.00 3x2x 0.5'x0.5' = 4.50 2x2'x2'x1.5' = 12.00 Total = 214.50' cft = 6.07cum @ Rs. 1108.10/Cum +350%	**302.68**
2.	10.28	CC 1:5:10 with brick Agg 40 mm. Nominal size in foundation of wall 1x84'x1.5'x0.5' = 63.00 For Pillars 4x3.0'x0.5x0.5 = 3.00 3x2x0.5x0.5 = 1.50 2x2.0x2.0x0.5 = 4.00 Total = 71.50 cft = 2.02 cum @ Rs. 354.05/Cum +340%	**3146.80**
3.	11.2	1st Class Brick work laid in cement and sand mortar 1:6 in foundation and plinth with 1st Class Bricks. 1x84.0x0.75x2.00 =126.00 4x2.75x0.38x0.5 = 2.09 4x1.50x0.38x1.50 = 3.42	

		3x1.50x0.38x0.5 = 0.85 3x0.75x0.75x9.75 = 16.43 2x1.12x1.12x0.5 = 1.25 2x0.75x0.75x9.75 = 10.97 Total = 161.01 = 4.55 cum @ 393.45/cum +400%	**8950.98**
4.	11.9	1st Class Brick work laid in cement mortar 1:4 in 1st storey upto 4 mtr in pillars. 4x1.50x0.75x8.25 = 3.42 7x0.75x0.75x8.25 = 32.48 2x0.75x0.75x9.75 = 10.97 Total = 80.57 Cft = 2.28 cum @ Rs 445.60/cum + 400%	**5079.84**
5.	10.114	DPC 40mm thick cement concrete 1:2:4 using 20 mm stone agg nominal size without bitumen coating 1x84'x0.75' = 63.00/Sqft = 5.85 Sqm @ Rs. 26.60/Sqm+340%	**= 684.68**
6.	11.48	Ist class brick work in cm 1:4 in half brick thick Wall except reinforcement 2x23.00x4.0' = 184.0 1x14.0x4.0' = 56.0 1x11.0x4.0' = 44.0 Total = 284.0Sqft For Vermi Pits Length of wall 5x20.75' =103.75 8x2.38 = 19.0 Total = 122.75' Area of pits wall 1x122.75x.75 = 92.06 Sqft Total Area = 376.06 Sqft = 34.93 Sqmtr Rs 55.10/Sqmtr +400%	**9623.21**
7	14.24	Brick laid flat in flooring in cm 1:6 and pointed In cm 1:4 complete 1x24.5'x15.5' = 379.75 sqft =35.20 Sqmt @32.00/ sqmt +400%	**5632.00**

8	10.59 10.62	Cement concrete 1:2:4 with 20 mm nominal size of stone agg in blocks for Holding Down Bolts 12x0.75x0.75x1.0 =6.75 cft = 0.19 cumtr @629.85/ cumtr+340%	**526.55**
9	13.10	Thatched Roofing 15 cm thick including bamboo frame & matting but excluding cost of purlines 1x6.00x8.50 = 51.00 Sqmtr @ Rs 40.35/ Sqmtr +200%	**6173.55**
10	17.8	S&F IInd class hard wood work such as sal Hollock in purlines & rafters in frame work for roof complete Main Rafters 4x6.00x0.10x0.06 = 0.14 Purlines 6x8.50x0.08x0.05 = 0.20 Total = .34 Cum @ Rs 8427.00/ cum +250%	**10028.13**
		Total	**50148.42**

Say Rs 50,000/-

The following amount may be deducted from the total estimate if the following items are not built

1. **Cost of Back wall = Rs. 7800/-**
2. **Cost of one back wall & one Side wall = Rs. 12500/-**
3. **Cost of one back wall & Two side walls = Rs. 17000/-**

Raw Material	**Quantity**	**Rate (app.)**	**Cost Estimate**
1. Raw material: 8 pits @3 qtl. Per pit	: 24 qtl.	Lumpsum	: Rs. 1500.00
2. Breeding material @ 5 kg per qtl	: 120 kg	Lumpsum	: Rs. 6500.00
3. Other inputs: Kassi, hand siever etc.		Lumpsum	: Rs. 2000.00
TOTAL			:Rs.10000.00

GRAND TOTAL: Rs.50,000 + 10,000: Rs. 60,000/-

ESTIMATE OF VERMI COMPOST (Revised)

Size of Building: - 30'x8' (Inner Size) : Total area = 240sq. ft.
Number of Vermi compost pits: - 4x (3'x13'-6"x2'-6") : Total area for vermi beds = 162 sq. ft

Sr. No.	HSR	Description	Unit	Qty	HSR Rates (Rs.)	Amount (in Rs.)
1.	6.6	Excavation in foundation trenches etc. in any type of soils not exceeds 1.5 mtr. wide and depth up to2 mtr. Including disposal of surplus soil up to 30 mtr. 2X30'-9" = 61'-6".ft. 2X8'-9" = 17'-6". ft. 79' -0" 1x79'x2'x2' =316.00 cft. = 8.94 cu.mtr.	100 cum	8.94	1108.10/- (+350 %)	445.75
2.	10.34	Cement concrete1:5:10 with brick aggregate 40 mm graded in foundation 1x79'x2'x0-6" = 79 cft. = 2.23 cu. mtr.	Cum	2.23	354.05/- (+340%).	3473.94
3.	11.2	1st Class Brick work laid in Cement sand mortar in cm 1:6 wall in foundation 1x79'x0-9"x2-6" =148.12 cft =4.19 cu. mtr.	Cum	4.19	393.45/- (+400%)	8242.78
4.	11.7	1st class Brick work in cement mortar 1:4 in super structure in pillars 4x1'-6"x0-9"x8'-3" = 37.12 cft. 4x0-9"x0-9"x8'-3" = 18.56 cft. 55.68 cft. = 1.57 cu. mtr.	Cum	1.57	414.45/- (+400%).	3253.43
5.	11.48	1st class Brick work in half brick wall in cement sand mortar in cm 1:4 for pits and long side wall of room. 2x28'x4' = 224.0 Sq.ft. 2x5'-3"x4' = 42.0 Sq.ft. For vermin pit. 2.5ft deep Length of per pit (3'+13'-6") x2'-6"x4 = 165.0 Sq.ft Total 431 Sq.ft. = 40.04 Sq.mtr.	Sq. mtr	40.03	55.10/- . (4 m00%)	11028.26

6.	14.24	Brick laid flat in cement sand mortar in cm 1:6 as in flooring grouted in cement mortar 1:4 1x30'x8' = 240.0 sq.ft. = 6.79 sq. mtr.	Sq. mtr	6.79	32.00/- (400%)	1086.70
7.	11.114	Cement Concrete 1:2:4 using 20 mm graded store aggregated block for fixing roof members. 8x0'-9"x0'-9"x1'-0" = 4.5 cft = 0.12 cu. mtr.	Cum	0.12	625.40. (+340%)	330.21
8	11.114	Cement Concrete 1:2:4 40 mm thick using 20 mm graded store aggregate in DPC over wall 1x79'x0'-9" = 59.29 sq. ft. = 1.67 sq. mtr.	Sq. mtr	1.67	26.60 (+340%).	195.45
9	18.2	Supply & Fixing Steel work in purlins & rafters with angle iron cleats & other connecting plates including bolts welding fixing in position. MS Angle 40x40x6 mm Rafters 4x2x3.65 = 29.2 Purlines 3x10.40 = 31.20 Cleats 3x4x0.1 = 1.20 Total = 61.60 @ 3.60 Kg/ Rmtr = 221.76 Wt of bolts = 38.24 Total = 260.00 Kg = 2.60 Qtls	Qtls	2.60	976.15 +200%	7613.97
	NS	Material & labour for fixing barbed wire above sidewalls. Length = 4x2x30.75' = 246.00' 4x6.75' = 27.00 = 273.00ft = 83.15 Mtr = 8.5 Kg Say 10.00 Kg	Kg	10.00	60/- kg.	600.00
	13.20	Fabrication and fixing of thatched roof with polythene sheet.	Sq. mtr	37.96	77.10 + 200%	8780.10
		Total			Say	45045.59 Rs.45000

Note: If any wall is already constructed in the structure of vermi compost unit then the deduction should be made from total estimate as given below.

1. Cost of one Back wall = Rs. 9000/- (approx.)
2. Two side wall & one Back wall = Rs.13000 /- (approx.)
3. Cost of one side wall = Rs. 2000 /- (approx.)

Raw Material	Quantity	Rate (app.)	Cost Estimate
1. Raw material: 8 pits @3 qtl. Per pit	: 24 qtl.	Lumpsum	: Rs. 1500.00
2. Breeding material @ 5 kg per qtl	: 120 kg	Lumpsum	: Rs. 6500.00
3. Other inputs: Kassi, hand siever etc.		Lumpsum	: Rs. 2000.00
TOTAL			:Rs.10000.00

GRAND TOTAL: Rs.45,000 + 10,000: Rs. 55,000/-

Checklist-5

Post-Harvest Management:

Subcomponent name: _____

Sn.	Particular	Checklist
1	Application of beneficiary farmers duly forwarded by the HDO and MS/DHMIU, attached	Yes/No
2	Jamabandi/khasra no./plot no. of land, attached	Yes/No
3	Sketch plan of the project, attached	Yes/No
4	Project Proposal	Yes/No
	Filled in Format as on pages 15-17 (Format-3)	
5	Loan applied, if so with the following information, enclosed	Yes/No
a)	Name and Branch of Financial Institution	
b)	If loan sanctioned: amount, date and loan account no.	
6	**Affidavit** from the beneficiary farmer/entrepreneur duly attested by First Class Magistrate with the following information, attached	Yes/No
a)	That the assistance will be utilized for the component it would be released	
b)	That the project will be built on the land with Khasra no.:_____, Khewat no._____	

c)	That I/we has/have not taken any assistance for the same purpose from any other Govt. source under any scheme.	
d)	The expenditure over and above cost estimate is to be borne by me/us	
e)	We will bear all maintenance cost of the unit/project	
f)	We will refund the payment released to us in case of violation of terms and conditions and guidelines of Govt. of India.	
g)	The decision of the District Horticulture Mission Committee so constituted by DHMIU will be final and binding on me/us	

Sign of HDO **Sign of TA** **Sign of DHO**

Detailed Estimate for Construction of Pack House (Vegetable & Some Fruits)

Sr. No.	HSR Item No.	Description	Amount
1.	6.6	Excavation in foundation in any type of soil nexc 1.5 mtr. Wide & nexc 2.00 mtr. deep and getting out including removing to a distance nexc 100 mtr. 2x30'-9" =61'-6" 2x18'-9" =37'-6" 1x16'-3" =16'-3" Pillar 1x2'-6" = 2'-6" **117'-9"** Less 1x11'-0" 11'-0" 106'-9" 1x106'-9"x2'-6"x2'-6" =667.18 cft. Dwart wall 1x11'-0"x2'x1'-6" = 33.00	

		Half brick work 1x14'x2'x2'= 56.00 **787.44cft.** = 22.28 cumtr.@ Rs.1108.10/100 cumtr.	**=246.88**
2.	10.28	Cement concrete in cm 1:8:16 using 40 mm graded stone Agg. in foundation 1x106.75x2.5'x.5 =133.44 1x11.00x2.0x0.5 = 11.00 1x14.00x2'x0.5 = 14.00 **=158.44cft**. =4.48cumtr.@ Rs.318.65/cumtr.	**=1427.55**
3.	11.2	Brick work with 1st class Bricks in cement mortar 1:6 in foundation upto plinth. 1x107.75x1.5x0.5 = 80.81 1x108x1.12x0.5 = 60.48 1x108x.75x2 = 162.00 1x11x0.75x2.5 = 20.61 1x14x0.75x2.5 = 26.25 **= 393.45 cft**. =9.90 cumtr.@ Rs.393.45/Sqmtr.	**=3895.15**
4.	10.114	Material and Labour for 40mm thick PCC 1:2:4 with water proofing compound as in DPC using 20mm graded stone Agg. 1x122x.75=91.50 Sqft. =8.50 Sqmtr.@ Rs.35.05/Sqmtr.	**=297.92**
5.	11.7	Brick work with 1st class bricks in cement mortar 1:6 in super structure upto 4 mtr. in 1st storey 2x31.5 = 63.0 2x18.0 = 36.0 1x6.0 = 6.0 1x1.5 = 1.5 1x14.0 = 14.0 **= 120.5** = 120.5x.75x10.5 = 945 cft For gable ends	

		2x0.5x18x.75x2 = 27 = 972 cft Deduction 1x6.5x.75x6 = 29.25 3x5x.75x8.75 = 98.45 1x4x.75x7.5 = 22.50 3x3x.75x4.5 = 30.40 Total Deduction **180.60 cft**. Net Qty. 945.00-180.60=764.4 cft. = 21.63 cumtr.@ Rs.414.45	**=8964.55**
6.	10.86	Material and Labour Cement Concrete in cm 1:2:4 using 20mm graded stone Agg. in beams and blocks for holding down bolts including shuttering. 2x6.5x.75x.75 =7.31 1x11.5x.75x.75 =6.47 1x5x.75x0.5 = 1.87 3x4x0.75x0.5 = 4.5 Blocks 3x7x0.75x1.00x1.5 =23.62 **= 43.77cft.** =1.24cumtr @ Rs.1101.85/cumtr	**=1366.29**
7.	18.6	M&L mild steel work in Purlines, rafters and false rafters fixed with bolts MS angle 75x75x6m 2x3x35.5' = 213.00 =65.00 rmt@6.8 kg/Rmtr =442.00 kg. False rafter 50x50x6mm 2x2x3x1.50 =18 rmt. Cleats 6x3x0.10 = 1.80 =19.80 rmt = 19.80@4.5kg/Rmtr. = 89.10 For bolts & flat iron for Jointing = 50.00 **=581.10** 582kg @ Rs.971.60/100kg.	**=5654.71**
8.	13.20	Supply & Fixing 6mm Thick Asbestos cement corrugated sheet fixed with J hook to steel Purlines including washers. 1x35.5x23.00=816.50 Sqft..	

		=75.85 Sqmtr.@ Rs.73.50/Sqmtr.	**=5574.97**
8 (a)	13.25	S & F Asbestos cement corrugated ridge fixed with J & L hooks complete 1x11.00=11.00 rmt @ Rs. 47.75/rmt	**=525.25**
9.	18.12	S&F mild steel angle iron work for Chowkats, gates etc. fixed with holdfasts including welding. Door Chowkats MS angle iron 50x50x6m 1x21.25 =21.25 1x18.25 =18.25 **39.50Rft.** =12.03Rmtr@4.5kg./Rmtr. =54.13 kg. Hold fasts 40x3mm 2x6x0.35 =4.2mtr.@ 1.00kg./Rmtr = 4.20 kg. Tie rod = 2.80 kg. =61.13 kg =61.13 kg@ Rs.1040.35/100kg.	**=635.96**
10.	18.18	S&F rolling shutter with thickness of slides 1mm including hood complete fixed to wall 1x1.5x2.50=3.75 Sqmtr. =3.75 @ Rs.364.70/Sqmtr.	**=1367.62**
11.	18.27	S&F Glazed Steel windows with peg stay and handles & projecting type hinges 3x0.9x1.20 =3.24 =3.24 @ Rs.143.50/Sqmtr.	**=464.94**
12.	18.16	S&F Steel door shutters with 40x40x4mm angle iron frame & FI 40x4mm bracing covered with MS sheet 1.00mm including welding and iron mongery and fixed to chowkats 1x1.50x2.45 =3.67 1x1.20x2.10 = 2.52 **=6.19**Sqmtr. =6.19 Sqmtr @ Rs.424.00/Sqmtr.	**=2624.56**
13.	18.22	S&F mild steel cold twisted deformed	

		bars including cutting hooking bending and binding with binding wire in reinforcement 12mm Tor 1x5x4.5 = 22.50 2x4x2.0 = 16.00 1x4x1.20= 4.80 **=43.30** Rmtr. @ 0.9kg./Rmtr. = 38.97 10mm Tor 3x4x1.20 =14.40 @0.617kg./Rmtr. =8.88 8mm Tor 1x65x1.00 =65.00 3x9x0.65 =17.55 **=82.55** =83 @0.395kg/Rmtr. =32.78 **=80.63** =81.00kg @ Rs.917.05/100kg.	**=742.81**
14.	16.9 16.17	M&L Two coats of synthetic enamel paint over one coat of red oxide primer on steel surfaces Purlines 1x65x0.30 =19.50 R/shutter 1x18x0.20 = 3.60 Steel door 1x2x1.1x1.5x2.45 = 8.08 1x2x1.1x1.2x2.10 = 5.54 1x2x1.2x1.5x2.45 = 8.82 3x2x0.5x0.9x1.20 = 3.24 **= 48.78** =48.78 Sqmtr. @ Rs.15.05/Sqmtr.	**=734.14**
15.	15.12	Material and Labour 15mm thick cement Plaster in cm 1:6 an rough surface of wall and on inner surface.	

		2x30 =60 4x18 =72 2x14 =28 1x6 = 6 =166 =1x166x10.5 = 1743 Sqft. = 2x0.5x18x2 = 36 **= 1779 Sqft.** Deduction 3x5x8 = 120.00 1x4x7 = 28.00 3x3x4 = 36.00 1x11x6 = 66.00 **= 250.00** Sqft. Net Qty.=1779-250=1529 Sqft. = 142 Sqmtr. @ 13.10/Sqmtr.	**=1860.00**
16.	15.61	M&L cement pointing in cm 1:3 deep variety on brick wall 2x32.5'x11.0' =715 2x19.5'x11.0 =429 2x0.5x19.5x2 = 39 **1183.00** =110 Sqmtr. @Rs.9.25/Sqmtr.	**=1017.50**
17.	10.28	M&L cement concrete in cm 1:8:16 using 40mm graded stone Agg. In foundation and sub base 1x30x18 =540 1x19.5x4 = 76 **=616.00** Sqft. Less 1x18x0.75 = 13.5 1x14x0.75 = 10.5 = 24.0 Net Qty. 616-24.00= 592 Sqft. =55 Sqmt. =1x55x0.08 = 4.40 cumtr. @ Rs.318.65/cumtr.	**=1402.06**

18.	14.10	Material and Labour for cement concrete 1:2:4 in floor finished even and smooth 50mm Area same as above = 55.00 Sqm. Add 3x1.5x0.75 = 3.37 **= 58.37 Sqm** =58.37 Sqmtr. @ Rs.37.60/Sqmtr.	**=2194.71**
19.	N/S	S&F mild steel holding down bolts 12mm dia with anchor plates 2x2x4x0.5 = 8.00 1x6x0.5 = 3.00 =11.00 11.00 @0.94/rmt. = 9.90 Plates & Nuts =10.00 **=19.90** =20kg.@ Rs.60/kg.	**=1200.00**
20.	16.46	M&L Three coats of white wash on plastered surface Qty. as/kg. item 15 =147.50Sqmtr. @ Rs.1.45/Sqmtr.	**=213.87**
21.	N/S	S&F 3mm thick sheet glass pans fixed to steel windows with putty and pins 3x8x0.42x0.3 = 3.02 @ Rs.120/Sqmtr.	**=362.40**
22.	MR	Internal Electrification including switches, boards etc. =10 points @ Rs.500/points	**=5000**
23.	MR	Supply and fixing ceiling fans 1400mm sweep make Usha, Orient and Crompton =2 No.@ Rs.1500/each	**=3000**
24.	MR	Internal and External water supply L/S	**=5000**
25.	MR	Area Drainage and plinth protection of brick laid flat in cement mortal 1:6 L/S	**=6000**
26.		Misc. Items	**=1000.00**
		Total Rs.	**=62773.84**

Summary

Brought Forward	**= Rs. 62773.84**
Add 350%on Items 1 &13 i.e. on Rs.989.69	= Rs. 3463.91
Add 340%on Items 2,4,6,15,16,17&18 i.e. on Rs.9566.03	= Rs. 32524.50
Add 400% on Items 3 &5 i.e. on Rs.12859.70	= Rs. 51438.80
Add 325% on Items 7,9,10,11 & 12 i.e. on Rs. 10747.66	= Rs. 34929.89
Add 200% on Items 8 & 8(a) i.e. on Rs.6100.22	= Rs. 12200.44
Add 125% on Items 14 & 20 i.e. on Rs.948.01	= Rs. 1185.01
Total	=Rs.197331.38

Total Cost:	Amount in Rs. (app.)
1. Civil Work	: 1,97,000.00
2. Vegetable Washer Machine	: 65,000.00
3. Grading Table	: 10,000.00
4. Weighing Balance	: 8,000.00
5. Plastic Crates (100 nos.)	: 20,000.00
GRAND TOTAL	: 3,00,000/-

Checklist-6

Mushroom Compost/Spawn Production/Integrated Mushroom Unit

Sn.	Particular	Checklist
1	Application of beneficiary farmers duly forwarded by the HDO and MS/DHMIU, attached	Yes/No
2	Jamabandi/khasra no./plot no. of land, attached	Yes/No
3	Sketch plan of the project, attached	Yes/No
4	Project Proposal	Yes/No
	Filled in Format-11 (pages 45-47)	
5	Loan applied, if so with the following information, enclosed	Yes/No
a)	Name and Branch of Financial Institution	
b)	If loan sanctioned: amount, date and loan account no.	
6	**Certificate** from the beneficiary farmer/entrepreneur with the following information, attached	Yes/No
a)	That the assistance will be utilized for the component it would be released	
b)	That the project will be built on the land with Khasra no.:_____, Khewat no._____	
c)	That I/we has/have not taken any assistance for the same purpose from any other Govt. source under any scheme.	
d)	The expenditure over and above cost estimate is to be borne by me/us	
e)	We will bear all maintenance cost of the unit/project	
f)	We will refund the payment released to us in case of violation of terms and conditions and guidelines of Govt. of India.	
g)	The decision of the District Horticulture Mission Committee so constituted by DHMIU will be final and binding on me/us	

Sign of HDO **Sign of TA** **Sign of DHO**

Checklist-7

General Projects
Subcomponent name: _____

Sn.	Particular	Checklist
1	Application of beneficiary farmers duly forwarded by the HDO and MS/DHMIU, attached	Yes/No
2	Jamabandi/khasra no./plot no. of land, attached	Yes/No
3	Sketch plan of the project, attached	Yes/No
4	Project Proposal	Yes/No
	Filled in Format-11 (pages 45-47)	
5	Loan applied, if so with the following information, enclosed	Yes/No
a)	Name and Branch of Financial Institution	
b)	If loan sanctioned: amount, date and loan account no.	
6	**Affidavit** from the beneficiary farmer/entrepreneur duly attested by First Class Magistrate with the following information, attached	Yes/No
a)	That the assistance will be utilized for the component it would be released	
b)	That the project will be built on the land with Khasra no.:_____, Khewat no._____ or Plot no._____	
c)	That I/we has/have not taken any assistance for the same purpose from any other Govt. source under any scheme.	
d)	The expenditure over and above cost estimate is to be borne by me/us	
e)	We will bear all maintenance cost of the unit/project	
f)	We will refund the payment released to us in case of violation of terms and conditions and guidelines of Govt. of India.	
g)	The decision of the District Horticulture Mission Committee so constituted by DHMIU will be final and binding on me/us	

Sign of HDO **Sign of TA** **Sign of DHO**

COMPOST TUNNEL

5 Ton Wheat Straw for 12 Ton final finished Compost.

(A)

Sr.No.	Name of Component/ Machinery /equipments	No/Size	Remarks
1	Land for storage of wheat straw & combustion yard	50'x50'	The cost of land depends upon Area to Area & Location Urban or Rural
2	Bulk Chamber	10'x10'x 12'	
3	Spawning Room	10'x20'	
	Total	**4000 Sqft -App**	

(B) Equipment

1.	Blower 5 H.P. of 1400 rpm	1	50000-00/-
2.	Boiler 200 Kg Capacity	1	200000-00/-
3	Ducting	1	10000-00/-
4	Thermometer	1	10000-00/-
5	Insulated Doors	1	50000-00/-
6	Hepa filter's	1	50000-00/-
7	Insulating Construction	-	400000-00/-
8	Chamber Cost	1800 Sqft@ Rs.1250/Sqft	230000-00/-
9	Full covered platform	2500 Sqft@ Rs.400/Sqft	100000-00/-
	Total		**2000000-00/-**

Note: - All the cost has been calculated on the basis of Techno Economics Feasibility keeping in view the minimum viable which gives maximum profit to the farmers.

SPAWN LAB

For 6 Ton Capacity/Month

(A) Land

Sr.No.	Name of Component of Equipments, Machinery	No/Size	Remarks
1	For office	10'x12'= 120 Sqft	Cost of land depends upon place to place & area to area and has not been taken in project estimate.
2	Store	10'x12'= 120 Sqft	
3	Boiler & Mixture Room	10'x12'= 120 Sqft	
4	Autoclave Room	25'x25'= 625 Sqft	
5	Inoculation Room	10'x15'= 150 Sqft	
	Total	**1200 Sqft -App**	

(B) Equipment

1.	Boiling Diesel Bhati Boiling Utensil (Platelayer) Plates' & Sieves	- **No/Size**	50000/-
2.	Autoclave	100x60 Cm	350000/-
3	Laminar flow	4' size	75000/-
4	BOD & Freezer	-	60000/-
5	AC 1.5 Ton	3	60000/-
6	Generator 10 KV	1	125000/-
7	Cost of Construction 1200 Sqft @ Rs. 650/Sqft	-	780000/-
	Total		**1500000/-**

Note: - All the cost has been calculated on the basis of Techno Economics Feasibility keeping in view the minimum viable which gives maximum profit to the farmers.

MUSHROOM GROWING UNIT

Total Production 2.5 Ton/Crop (Two crop in one season) out of 1200 bags @ 10 kg/per bag=12,000 Kg or say 400 trays of Compost.(1 tray =30 kg finished compost)

Sr.No.	Name of Component of Equipments/ Machinery	No/Size	Cost (In Rs.)	Remarks
1	Land	2000 Sqft	-	Cost cannot be calculated as it varies as per Area & Location.
2	Construction of 2 Room (Pica structure)	40'x25' each@ Rs. 600/ Sqft	1200000/-	
3	Racks (4 rows x 4 stories)	560 Sqft for one room i.e. 4 Racks with 16 Blocks	200000/-	Lump sum
4	Humidity fires & others Implements (Cooler, heater& etc.)	-	100000/-	Lump sum
	Total		**1500000/-**	

Note: - All the cost has been calculated on the basis of Techno Economics Feasibility keeping in view the minimum viable which gives maximum profit to the farmers.

National Mission on Micro Irrigation

Norms
&
Guidelines

B. National Mission on Micro Irrigation

General Guidelines

1. Norms & Pattern of Assistance and Popularization of scheme

a. Norms and guidelines would be as per the GOI guidelines and a norm fixed for the year 2010-11, maximum limit is 5 ha per beneficiary.

b. The limit of assistance is 90% in drip irrigation and sprinkler irrigation in horticultural crops.

c. Component is to be implemented as per the rates circulated, firms registered and instructions issued by Director Horticulture from time to time.

d. Any laxity on part of firm/dealer shall be reported to the Director Horticulture.

e. Scheme shall be popularized mainly through existing extension network of the department and other resources available to them.

f. A list of registered firms along with quoted rates for supply of drip and sprinkler irrigation system shall be kept by District Horticulture Officers in the offices of all the Additional Deputy Commissioners, Deputy Directors of Agriculture, Divisional Soil Conservation Officers, District Horticulture Officers, Horticulture Development Officers, Assistant Soil Conservation Officers, Agriculture Development Officers (Soil Conservation) and members of District Micro Irrigation Committee.

2. Eligibility Criteria for availing assistance

1. Farmer &/or entrepreneur having land ownership in Haryana State and growing horticultural crops.
2. In case of non-ownership of land, registered lease agreement between the parties.
3. Assistance only for horticultural crops as per the GOI norms and guidelines.
4. Farmers shall be free to procure material from any registered firm of his choice.
5. Subsidy will be admissible both in loan and non-loanee cases.
6. Subsidy in loan cases would be released in loanee's bank account.
7. Subsidy would be admissible only to the beneficiary having as assured source of irrigation (tube-well/water tank supported with engine)

3. Procedure for availing assistance

a. Application Form

i. Form-I: Beneficiary can deposit the application to HDO office or through HDO to DHO-cum-MS DHMIU office.

b. Checklist & Documents to be enclosed

i. Form-II: documents to be enclosed as described in Form-II

ii. DHO will sanction the estimate on receipt of recommendation from HDO/MI and sanction the same.

4. Record of Applications and dispersals

a. HDO will ensure that documents are complete and forward it to DHO.
b. In case of more applicants "first come first serve" policy will be adopted.
c. Proper advertisement shall be given for awareness of the programmes.
d. A photocopy of sanction letter form will be posted to beneficiary.
e. HDO will forward the case to DHO within 13 days of receipt of documents from Farmers including site survey and preparation of technical estimate as mentioned in point 5 below.
f. DHO will accord the approval of case within 7 days of receipt of case from HDO.
f. Roaster register will be maintained by concerned District Horticulture Officer. He will issue the slip to the farmer mentioning his seniority number after obtaining signature of the concerned farmer in roaster register.
g. Roaster register would contain the details as Sr No., Name of farmer, father's name, village, block, date of submission of application, total area to be covered under micro irrigation and signature of farmers etc.

5. Implementation

1) Horticulture Development Officer (MI) would carry out site survey viz. Determination of topography, source of irrigation, soil type etc and would complete the job within 5 days after receipt of complete application.
2) Preparation of estimate would be done be HDO (MI) after receipt of basic data on survey and estimate would be submitted to DHO within 5 days after the survey i.e. within 10 days of the submission of application.
3) Seniority of number of farmer according to roster register should be mentioned on every estimate.
4) After completing the technical checking of estimate, HDO (MI) would submit the same to the DHO for sanction within 3 days of receipt of estimate i.e. within 13 days of the submission of application.
5) Technical estimate would be sanctioned as per the delegation of power under the scheme. Appropriate action shall be taken up within seven days of receipt of technical estimate.
6) HDO (MI) will take photograph of the material procured and also at the time of installation of system during physical verification. Physical verification will be done within 7 days of installation of system and HDO (MI) will forward this verification report to DHO for release of subsidy within 3 days.
7) The farmer shall install the system within 60 days after sanction of the estimate failing which his seniority will be forfeited at the level of DHO.

6. Release of Assistance

a. Field Inspection and Basic requirements

i. Beneficiary application in proper format and documents

ii. Physical inspection in form-III

iii. During physical inspection DHO/HDO is to check the embossing of Manufacturer Name, CM/L No. & Year on pipes/laterals at spacing of every 5 meter length.

iv. During inspection BIS marked material is to be checked as per the BIS standard prescribed by GOI in the guidelines and within validity period.

v. In case of laterals and emitting devices, it will be ensured that material is made by the registered manufacturer. In no case, laterals and emitting devices manufactured by other company will be accepted.

vi. The invoice/bill in all the cases must be authenticated by the Authorized representative of the registered firm.

vii. The rates indicated by the firm/dealer in the estimate and invoice should not be more than the rates submitted in the Department. However the rates can be lower as per the negotiation by an individual beneficiary with the firm/dealer.

b. Criteria for Release & Release of Subsidy

i. Subsidy to be released as per norms fixed and guidelines prescribed.

ii. Subsidy is to be released within 15 days of work completion.

iii. Subsidy to be released per ha or per unit basis as the case may be. In cases where assistance is being sought on lesser or more area, in such cases subsidy is to be calculated on nearest to the spacing indicated.

iv. Subsidy is to be released directly to the beneficiary.

1. For direct release of assistance to the beneficiary payment be released as 'cross cheque/demand draft' in name of beneficiary only
2. No payment is to be released as cash by taking signature or thumb impression in register.
3. In case of amount released to the firm, then that should be released through the beneficiary on his satisfaction certificate.
4. In case of loan cases subsidy would be released to the concerned bank.
5. All the assistance released must be entered in proper register and in cash book.

9 Reporting:

4. District Horticulture Officer will maintain the subsidy account and sent the list to Directorate monthly on or before 5th of every month on prescribed performa..
5. District Horticulture Officer shall maintain the list of beneficiaries and shall be sent to Directorate on the prescribed performa on or before 5th of every month.
6. District Horticulture Officer shall send the physical and financial progress of his district monthly on prescribed performa on or before 5th of every month.

10 Monitoring

7. Roster register shall be maintained by the DHO in his office.
8. HDO will carry out 100% physical verification of micro irrigation system installed under the schemes.
9. DHO will carry out 20% of the total no. of units installed.
10. Random physical verification in each district will be carried out by HQ officers at least 2% out of total units installed.

NMMI **Format -I**

Application Form

Sr. No.	Particular	Remarks
1	Name of farmer	
2	Name of father/husband	
3	Permanent address	
4	Caste	
5	Total land of farmer(ha)	
6	Land khasra no. in which system is to be installed	
7	Whether subsidy availed earlier under any of scheme of GOI for the same purpose	yes/no
8	If 'yes' in col. No. 7, name of scheme and installation year	
9	Crop for which system is required	
10	If the system is for plantation crop, any crop is taken? If so, type of intercrop.	
11	Type of system required	Drip/sprinkler
12	Total area under irrigation (ha)	
13	Source of irrigation water	Well/t-well/tank
	If well, depth of water table	
	If t-well, depth of it	
	If tank, dimension (l x w x d)	
14	Quality of irrigation water	
15	Quality and depth of soil	
16	Daily availability of electricity to run pump	
17	Horse Power of pump	

Enclosed Documents

1. Land Record
2. Soil and Water Testing Report

Certified that above details are given by me and are correct to my belief. Further, it is submitted that I have not availed any subsidy under other schemes for the same purpose earlier. It is declared that neither I will sell the system nor will give on rent. I will use the system properly and follow the guidelines of Department.

Signature & Name of applicant

Place:
Date:

(Receipt of Application Form)

Received Application Form with required documents from Sh. _____S/o Sh./W/o Sh. _____Villa._____Tehsil. _____District _____ for installation of drip / sprinkler system under National Mission on Micro Irrigation.

Date: HDO(Extn.)
Place:

NMMI: APPLICATION FORM **FORMAT-1**

आवेदन पत्र
(सूक्ष्म सिंचाई योजना)

1.	कृषक का नाम	
2.	पिता/पति का नाम	
3.	स्थाई पता	
4.	जाति	
5.	कृषक के नाम पर कुल भूमि (है0)	
6.	जिस भूमि में प्रणाली स्थापित की जानी है उसका खसरा नं0	
7.	क्या पहले भारत सरकार की किसी योजना से सबसिडी प्राप्त की है ।	हां/नहीं
8.	यदि हां । योजना का नाम व स्थापना वर्ष	
9.	उगाई जाने वाली फसलें जिसके लिए प्रणाली चाहिए	
10	मुख्य फसल के बोच में ली गई फसल के लिए अगर प्रणाली चाहिए, तो फसल का नाम	
11.	वांछित प्रणाली का नाम	ड्रिप/स्प्रिंकलर
12.	सिंचाई के अन्तर्गत कुल क्षेत्र (है0)	
13.	सिंचाई जल का स्त्रोत	कुआं/टयूबवैल/टैक
14.	सिंचाई स्त्रोत की पेमाईष (ल0 x चौ0 x ग0)	
15.	सिंचाई जल की गुणवत्ता	
16.	भूमि की गुणवत्ता व गहराई	
17	प्रतिदिन बिजली की उपलब्धता (घण्टे)	
18	पम्प की हार्स पावर	

संलग्न दस्तावेजः

1. जमाबन्दी
2. भूमि व जल परीक्षण रिपोर्ट

मैं यह सत्यापित करता हूँ कि उपरोक्त विवरण ठीक है । मैने इस मद के अन्तर्गत किसी संस्था/स्कीम से कोई सहायता प्राप्त नहीं की है । यह भी घोषित करता हूँ कि मैं स्थापित प्रणाली को किसी अन्य को न बेचूंगा व न ही किराए पर दूंगा। प्रणाली का सद्पयोग करूंगा तथा सरकार द्वारा जारी दिशा निर्देशों का पालन करूंगा ।

स्थानः प्रार्थी का नाम व हस्ताक्षर
दिनांकः

(आवेदन पत्र प्राप्ति)

श्री.....पुत्र श्री.....गांव.....तहसील.....जिला.....से सूक्ष्म सिंचाई योजना के तहत प्रणाली स्थापित करने हेतू आवेदन पत्र प्राप्त किया ।

दिनांक..... उद्यान विकास अधिकारी (विस्तार)

NMMI **Format:-II**

CASE APPROVAL FORM

Checklist

Sr. No.	Particulars	Checklist
1	Name of the farmer	
2	Jamabandi / Land Record attached	Yes/No
3	Soil Test Report attached	Yes/No
4	Water Test Report attached	Yes/No
5	Total area to be covered under MI System	
6	Type of system	
	a) Drip, total area	
	b) Sprinkler total area	
7	Estimate by firms, attached	Yes/No
8	Estimate Amount	Rs.

It is verified that the above particulars of farmer are correct & in order.

HDO (MI/Extn.)
(Signature & Stamps)

Recommendation

1. Estimate verified (Rs.) _____
2. Area recommended (Ha) _____
3. Assistance amount recommended (Rs.) _____

HDO (MI/Extn.)
(Signature & Stamps)

Endst. No. Dated :-

To

DHO-cum-Member Secretary, DHMIU_____.

SANCTION

An estimate pertaining to drip/sprinkler irrigation system to be installed in ____ ha. area at the field of Sh._____ S/o Sh. _____ Vill._____ is sanctioned for financial assistance of Rs._____.

DHO-cum-Member Secretary
DHMIU_____

Note:

- A photocopy of this sanction letter form will be posted to beneficiary.
- HDO will forward the case to DHO within 13 days of receipt of documents from farmers after site inspection and checking of estimate. DHO will accord the approval of case within 7 days of receipt of case from HDO.

NMMI **Format-III**

Physical Verification and Financial Sanction for Release of Subsidy

Checklist

Physical Verification by team at site

1	Area covered under MI System	----------ha
2	Type of MI System	
3	Material used in system is conforming to BIS quality	Yes/No
4	Root zone wetting effect of distribution component in accordance with the crop spacing.	Yes/No
5	Variation in water application between first and last emitter on lateral.	>10%/<10%
6	User's manual supplies to farmer by manufacturer	Yes/No
7	Satisfaction Report from beneficiary farmer	Yes/No

HDO/MI APO/TA DHO/MS-DHMIU

Financial sanction :

Sanctioned area (ha.) _____

Sanctioned subsidy (Rs.) _____

Release of assistance

Rs._____ Check No. _____Date_____

DHO-cum-Member Secretary, DHMIU.

Note:

- Physical Verification will be completed within a period of seven days from receipt of beneficiary and/or completion of system.
- Total time limit to complete the procedure of release of assistance will be fifteen days from submission of case for Physical Verification or as per availability of funds.

NMMI **REVISED COST NORMS**

Drip Irrigation Systems

Indicative Unit Cost of Drip Irrigation System Under NMMI-A Category State							
Spacing (M)	**Area**						**Cost in Rs.**
	0.2ha.	0.4 ha.	1 ha.	2ha.	3ha.	4ha.	5ha.
12x12	8057	13785	18820	29928	46467	57809	73611
10x10	8308	14277	20041	32323	50123	62787	79831
9x9	8490	14631	20900	34039	52704	66294	84219
8x8	8673	15088	22028	36217	56087	70893	89964
6x6	9492	16605	26551	44387	71715	86970	109129
5x5	10061	17977	30143	51438	74334	94465	126925
4x4	11177	18621	31793	55725	86926	113812	135459
3x3	12088	20048	36551	63269	97448	122553	153441
2.5x2.5	14939	27092	52230	95083	145227	203823	248954
2x2	18319	31616	63598	123441	179332	249134	305797
1.5x1.5	21514	35973	74437	141858	211855	292595	360002
2.5x0.6	15463	26791	54909	100906	154213	214153	262885
1.8x0.6	18807	32909	70086	132653	199684	271986	338705
1.2x0.6	24063	43816	97598	185565	280886	378946	474070
Indicative Unit Cost of Drip Irrigation System Under NMMI-***B Category State***							
Spacing (M)	**Area**						**Cost in Rs.**
	0.2ha.	0.4 ha.	1 ha.	2ha.	3ha.	4ha.	5ha.
12x12	9266	15852	21643	34417	53437	66480	84653
10x10	9554	16419	23047	37171	57647	72205	91806
9x9	9763	16826	24035	39145	60610	76238	96852
8x8	9973	17351	25332	41650	64500	81527	103459
6x6	10915	19096	30534	51045	82472	100015	125498
5x5	11570	20674	34664	59154	85484	108635	145964
4x4	12854	21414	36562	64084	99965	130884	155778
3x3	13901	23055	42034	72759	112065	140936	176457
2.5x2.5	17180	31156	60064	109345	167011	234396	286297
2x2	21067	36358	73138	141957	206232	286504	351667
1.5x1.5	24741	41369	85603	163137	243633	336484	414002
2.5x0.6	17782	30810	63145	116042	177345	246276	302318
1.8x0.6	21628	37845	80599	152551	229637	312784	389511
1.2x0.6	27672	50388	112238	213400	323019	435788	545180

REVISED COST NORMS

Sprinkler Irrigation Systems

Indicative cost of Semi-Permanent Sprinkler Irrigation System-A Category State	
Area (in Ha.)	Cost (in Rs.)
Upto 0.4 ha.	19615
> 0.4-1	31832
>1.0-2	60699
>2.0-3	81929
>3-4	104689
>4-5	127003

Indicative cost of Semi-Permanent Sprinkler Irrigation System-B Category State	
Area (in Ha.)	Cost (in Rs.)
Upto 0.4 ha.	22557
> 0.4-1	36607
>1.0-2	69804
>2.0-3	94218
>3-4	120392
>4-5	146053

Indicative cost of Portable Sprinkler Irrigation System			
Area-Ha.	63mm	75mm	90mm
Upto 0.4	10399	NA	0
>0.4-1.0	16993	19044	0
>1.0-2.0	24533	27280	0
>2.0-3.0	NA	NA	36822
>3.0-4.0	NA	NA	46438
>4.0-5.0	NA	NA	52573

Large Volume Sprinkler Irrigation System (Rain gun)			
Area-Ha.	63mm	75mm	90mm
>0.4-1.0	24940	30011	0
>1.0-2.0	NA	38075	0
>2.0-3.0	NA	NA	54112
>3.0-4.0	NA	NA	62720
>4.0-5.0	NA	NA	68878

Delegation of Power under NMMI

Drip and Sprinkler Irrigation Systems			
Sr.No.	**Component**	**Extent to which power is delegated**	**Power delegated to**
1.	Sanction of Estimate of horticultural crops	Upto 5 ha	Full power to DHO/MS-DHMIU
2.	Sanction of estimate of non-horticultural crops	Upto 5 ha	Full power to DSCO
3.	Release of subsidy of horticultural crops & non horticultural crops	Upto 2 ha	DHO/MS-DHMIU
		Above 2 ha	ADC/Chairman-DHMIU
4.	Any other	Upto Rs. 2.5 lakhs	DH/MS-SMIC
		Above Rs. 2.5 lakhs	FC&PS/Chairman-SMIC

Indicative Requirement of Material for Drip Irrigation System

A) WIDE SPACED CROPS

1. For 0.2 hectare

S.No.	Component Lateral to Lateral x Dripper spacing (mxm)	Unit	12x12	10x10	9x9	8x8	6x6	5x5	4x4	3x3	2.5x2.5	2x2	1.5x1.5
1.	PVC Pipe 50 mm; Class II; 4kg/cm^2	m	0	0	0	0	0	0	0	0	66	66	66
2.	PVC Pipe 40 mm	m	66	66	66	66	66	66	66	66	0	0	0
3.	Lateral 16 mm Class II, 2.5 Kg/cm^2	m	0	0	0	0	0	0	0	0	800	1000	1350
4.	Lateral 12 mm	m	190	230	260	300	420	520	700	850	0	0	0
5.	Emitter 4/8 lph	No.	50	80	100	100	220	270	400	500	640	1500	1800
6.	Control Valve 50 mm	No.	1	1	1	1	1	1	1	1	1	1	1
7.	Flush Valve 50 mm	No.	1	1	1	1	1	1	1	1	0	0	0
8.	Air release Valve 1”	No.	1	1	1	1	1	1	1	1	1	1	1
9.	Non Return Valve 1”	No.	1	1	1	1	1	1	1	1	1	1	1
10.	Throttle Valve 3/4"	No.	1	1	1	1	1	1	1	1	1	1	1
11.	Screen filter 5/7 m3/hr	No.	1	1	1	1	1	1	1	1	1	1	1
12.	By-pass Assembly – 1”	No.	1	1	1	1	1	1	1	1	1	1	1
13.	Venturi & manifold (3/4”)	No.	1	1	1	1	1	1	1	1	1	1	1
14.	Fittings & Accessories	set	1	1	1	1	1	1	1	1	1	1	1
	Total Cost		**8057**	**8308**	**8490**	**8673**	**9492**	**10061**	**11177**	**12088**	**14939**	**18319**	**21514**

A. WIDE SPACED CROPS

2. **For 0.4 hectare**

SN	Component/ Lateral to Lateral x	Unit	12 X 12	10 X10	9x9	8X8	6 X 6	5 X5	4 X 4	3 X3	2.5 X 2.5	2 X 2	1.5 X 1.5
1	PVC PIPE 110 mm; Class II ; 4kg/cm^2	m	0	0	0	0	0	0	0	0	0	0	0
2	PVC Pipe 90 mm; Class II ; 4kg/cm^2	m	0	0	0	0	0	0	0	0	0	0	0
3	PVC Pipe 75 mm; Class II ; 4kg/cm^2	m	0	0	0	0	0	0	0	0	0	0	0
4	PVC Pipe 63 mm; Class II ; 4kg/cm^2	m	0	0	0	0	0	0	0	0	30	30	30
5	PVC Pipe 50 mm; Class II ; 4kg/cm^2	m	96	96	96	96	96	96	96	96	66	66	66
6	Lateral 16 mm Class II ; 2.5 kg/cm^2	m	0	0	0	0	0	0	0	0	1616	2020	2693
7	Lateral 12 mm; Class II ; 2.5	m	339	406	452	508	677	813	1016	1355	0	0	0
8	Emitter 4/ 8 lph	No.	113	163	201	255	453	653	510	907	1293	2010	1796
9	Micro tube 6mm	m	85	122	151	191	340	490	510	0	0	0	0
10	Control Valve 90 mm	No.	0	0	0	0	0	0	0	0	0	0	0
11	Control Valve 75 mm	No.	0	0	0	0	0	0	0	0	0	0	0
12	Control Valve 63 mm	No.	0	0	0	0	0	0	0	0	1	1	1
13	Control Valve 50 mm	No.	1	1	1	1	1	1	1	1	1	1	1
14	Flush Valve 75 mm	No.	0	0	0	0	0	0	0	0	0	0	0
15	Flush Valve 63 mm	No.	0	0	0	0	0	0	0	0	0	0	0
16	Flush Valve 50 mm	No.	1	1	1	1	1	1	1	1	1	1	1
17	Air release Valve 1"	No.	1	1	1	1	1	1	1	1	1	1	1
18	Air release Valve 1.5"	No.	0	0	0	0	0	0	0	0	0	0	0
19	Non Return Valve 1.5"	No.	1	1	1	1	1	1	1	1	1	1	1
20	Non Return Valve 2"	No.	0	0	0	0	0	0	0	0	0	0	0
21	Non Return Valve 2.5"	No.	0	0	0	0	0	0	0	0	0	0	0
22	Throttle Valve 1.5"	No.	1	1	1	1	1	1	1	1	1	1	1
23	Throttle Valve 2"	No.	0	0	0	0	0	0	0	0	0	0	0
24	Throttle Valve 2.5"	No.	0	0	0	0	0	0	0	0	0	0	0
25	Throttle Valve 3"	No.	0	0	0	0	0	0	0	0	0	0	0
26	Screen filter 40 m^3/hr	No.	0	0	0	0	0	0	0	0	0	0	0
27	Screen filter 30 m^3/ hr	No.	0	0	0	0	0	0	0	0	0	0	0
28	Screen filter 20/25 m^3/hr	No.	0	0	0	0	0	0	0	0	0	0	0
29	Screen filter 10 m^3/hr	No.	1	1	1	1	1	1	1	1	1	1	1
30	By-pass Assembly – 2.5"	No.	0	0	0	0	0	0	0	0	0	0	0
31	By-pass Assembly - 2"	No.	0	0	0	0	0	0	0	0	0	0	0
32	By-pass Assembly – 1.5"	No.	1	1	1	1	1	1	1	1	1	1	1

33	Venturi & manifold (2.5")	No.	0	0	0	0	0	0	0	0	0	0	0
34	Venturi & manifold (2")	No.	0	0	0	0	0	0	0	0	0	0	0
35	Venturi & manifold (1.5")	No.	1	1	1	1	1	1	1	1	1	1	1
36	Fittings & Accessories	5%	1	1	1	1	1	1	1	1	1	1	1

A. WIDE SPACED CROPS

3. For 1.0 hectare

SN	Component/ Lateral to Lateral x Dripper spacing	Unit	12 X 12	10 X 10	9 x 9	8X8	6 X 6	5 X5	4 X 4	3 X 3	2.5 X 2.5	2 X 2	1.5 X 1.5
1.	PVC PIPE 110 mm; Class II ; 4kg/cm^2	m	0	0	0	0	0	0	0	0	0	0	0
2.	PVC Pipe 90 mm; Class II ; 4kg/cm^2	m	0	0	0	0	0	0	0	0	0	0	0
3.	PVC Pipe 75 mm; Class II ; 4kg/cm^2	m	0	0	0	0	0	0	0	54	54	54	54
4.	PVC Pipe 63 mm; Class II ; 4kg/cm^2	m	0	0	0	0	54	156	156	102	102	102	102
5.	PVC Pipe 50 mm; Class II ; 4kg/cm^2	m	156	156	156	156	102	0	0	0	0	0	0
6.	Lateral 16 mm Class II ; 2.5 kg/cm^2	m	0	0	0	0	0	0	0	0	4040	5050	6733
7.	Lateral 12 mm Class II ; 2.5 kg/cm^2	m	833	1000	1111	1250	1667	2000	2500	3333	0	0	0
8.	Emitter 4/ 8 lph	No.	278	400	494	625	1111	1600	1275	2267	3232	5050	4489
9.	Micro tube 6 mm	m	208	300	370	469	833	1200	1250	0	0	0	0
10.	Control Valve 90 mm	No.	0	0	0	0	0	0	0	0	0	0	0
11.	Control Valve 75 mm	No.	0	0		0	0	0	0	1	0	0	0
12.	Control Valve 63 mm	No.	0	0	0	0	1	1	1	0	1	1	1
13.	Control Valve 50 mm	No.	1	1	1	1	0	0	0	0	1	1	1
14.	Flush Valve 75 mm	No.	0	0	0	0	0	0	0	0	0	0	0
15.	Flush Valve 63 mm	No.	0	0	0	0	0	1	1	1	0	0	0
16.	Flush Valve 50 mm	No.	1	1	1	1	1	0	0	0	1	1	1
17.	Air release Valve 1"	No.	1	1	1	1	1	1	1	1	1	1	1
18.	Air release Valve 1.5"	No.	0	0	0	0	0	0	0	0	0	0	0
19.	Non Return Valve 1.5"	No.	1	1	1	1	1	1	1	1	1	1	1
20.	Non Return Valve 2"	No.	0	0	0	0	0	0	0	0	0	0	0
21.	Non Return Valve 2.5"	No.	0	0	0	0	0	0	0	0	0	0	0
22.	Throttle Valve 1.5"	No.	1	1	1	1	1	1	1	1	1	1	1
23.	Throttle Valve 2"	No.	0	0	0	0	0	0	0	0	0	0	0
24.	Throttle Valve 2.5"	No.	0	0	0	0	0	0	0	0	0	0	0
25.	Throttle Valve 3"	No.	0	0	0	0	0	0	0	0	0	0	0
26.	Screen filter 40 m^3/hr	No.	0	0	0	0	0	0	0	0	0	0	0
27.	Screen filter 30 m^3/ hr	No.	0	0	0	0	0	0	0	0	0	0	0
28.	Screen filter 20/25 m^3/hr	No.	0	0	0	0	0	0	0	0	0	0	0
29.	Screen filter 10 m^3/hr	No.	1	1	1	1	1	1	1	1	1	1	1
30.	By-pass Assembly – 2.5"	No.	0	0	0	0	0	0	0	0	0	0	0
31.	By-pass Assembly - 2"	No.	0	0	0	0	1	1	1	0	0	0	0
32.	By-pass Assembly – 1.5"	No.	1	1	1	1	0	0	0	1	1	1	1
33.	Venturi & manifold (2.5")	No.	0	0	0	0	0	0	0	0	0	0	0
34.	Venturi & manifold (2")	No.	0	0	0	0	1	1	1	1	0	0	0
35.	Venturi & manifold (1.5")	No.	1	1	1	1	0	0	0	0	1	1	1
36.	Fittings & Accessories	5%	1	1	1	1	1	1	1	1	1	1	1

A. WIDE SPACED CROPS

4. For 2.0 Hectare

SN	Component/ Lateral to Lateral x Dripper spacing	Unit	12 X 12	10 X10	9x9	8X8	6 X 6	5 X5	4 X 4	3 X3	2.5 X 2.5	2 X 2	1.5 X 1.5
1	PVC PIPE 110 mm; Class II ; 4kg/cm^2	m	0	0	0	0	0	0	0	0	0	0	0
2	PVC Pipe 90 mm; Class II ; 4kg/cm^2	m	0	0	0	0	0	0	0	0	0	0	0
3	PVC Pipe 75 mm; Class II ; 4kg/cm^2	m	80	80	80	80	80	80	80	80	80	80	80
4	PVC Pipe 63 mm;Class II ; 4kg/cm^2	m	150	150	150	150	150	150	150	150	150	150	150
5	PVC Pipe 50 mm; Class II ; 4kg/cm^2	m	0	0	0	0	0	0	0	0	0	0	0
6	Lateral 16 mm Class II ; 2.5 kg/cm^2	m	0	0	0	0	0	0	0	0	8250	11000	14000
7	Lateral 12 mm Class II ; 2.5 kg/cm^2	m	1850	2130	2350	2600	3500	4200	5200	6900	0	0	0
8	Emitter 4/ 8 lph	No.	600	800	1000	1300	2300	3300	2600	4800	6600	10400	9000
9	Micro tube 6 mm	m	500	650	780	960	1700	2500	2600	0	0	0	0
10	Control Valve 90 mm	No.	0	0	0	0	0	0	0	0	0	0	0
11	Control Valve 75 mm	No.	1	1	1	1	1	1	2	2	1	1	1
12	Control Valve 63 mm	No.	0	0	0	0	0	0	0	0	2	2	2
13	Control Valve 50 mm	No.	0	0	0	0	0	0	0	0	0	0	0
14	Flush Valve 75 mm	No.	0	0	0	0	0	0	0	0	0	0	0
15	Flush Valve 63 mm	No.	0	0	0	0	1	1	2	2	1	1	1
16	Flush Valve 50 mm	No.	1	1	1	1	0	0	0	0	0	0	0
17	Air release Valve 1"	No.	1	1	1	1	1	1	1	1	1	1	1
18	Air release Valve 1.5"	No.	0	0	0	0	0	0	0	0	0	0	0
19	Non Return Valve 1.5"	No.	1	1	1	1	1	1	1	1	1	1	1
20	Non Return Valve 2"	No.	0	0	0	0	0	0	0	0	0	0	0
21	Non Return Valve 2.5"	No.	0	0	0	0	0	0	0	0	0	0	0
22	Throttle Valve 1.5"	No.	1	1	1	1	0	0	0	0	1	1	1
23	Throttle Valve 2"	No.	0	0	0	0	1	1	1	1	0	0	0
24	Throttle Valve 2.5"	No.	0	0	0	0	0	0	0	0	0	0	0
25	Throttle Valve 3"	No.	0	0	0	0	0	0	0	0	0	0	0
26	Screen filter 40 m^3/hr	No.	0	0	0	0	0	0	0	0	0	0	0
27	Screen filter 30 m^3/ hr	No.	0	0	0	0	0	0	0	0	0	0	0
28	Screen filter 20/25 m^3/hr	No.	0	0	0	0	0	0	0	0	0	0	0
29	Screen filter 10 m^3/hr	No.	1	1	1	1	1	1	1	1	1	1	1
30	By-pass Assembly – 2.5"	No.											
31	By-pass Assembly - 2"	No.	1	1	1	1	1	1	1	1	1	1	1
32	By-pass Assembly – 1.5"	No.	0	0	0	0	0	0	0	0	0	0	0
33	Venturi & manifold (2.5")	No.	0	0	0	0	0	0	0	0	0	0	0
34	Venturi & manifold (2")	No.	0	1	1	1	1	1	1	1	1	1	1
35	Venturi & manifold (1.5")	No.	1	0	0	0	0	0	0	0	0	0	0
36	Fittings & Accessories	5%	1	1	1	1	1	1	1	1	1	1	1

A. WIDE SPACED CROPS

5. For 3.0 Hectare

SN	Component/ Lateral to Lateral x Dripper spacing (m x m)	Unit	12 X 12	10 X10	9x9	8X8	6 X 6	5 X5	4 X 4	3 X3	2.5 X 2.5	2 X 2	1.5 X 1.5
1	PVC PIPE 110 mm; Class II ; 4kg/cm^2	M	0	0	0	0	0	0	0	0	0	0	0
2	PVC Pipe 90 mm; Class II ; 4kg/cm^2	M	0	0	0	0	0	0	0	0	90	90	90
3	PVC Pipe 75 mm; Class II ; 4kg/cm^2	M	0	0	0	0	216	216	216	216	132	132	132
4	PVC Pipe 63 mm;Class II ; 4kg/cm^2	M	216	216	216	216	336	336	336	336	174	174	174
5	PVC Pipe 50 mm; Class II ; 4kg/cm^2	M	336	336	336	336	0	0	0	0	0	0	0
6	Lateral 16 mm Class II; 2.5 kg/cm^2	m	0	0	0	0	0	0	0	0	12120	15150	20200
7	Lateral 12 mm; Class II; 2.5 kg/cm^2	m	2500	3000	3333	3750	5000	6000	7500	10000	0	0	0
8	Emitter 4/ 8 lph	No.	833	1200	1481	1875	3333	2400	3750	6667	9696	15150	13467
9	Micro/Poly tube 6 mm	m	625	900	1111	1406	2500	2400	3750	0	0	0	0
10	Control Valve 90 mm	No.	0	0	0	0	0	0	0	0	1	1	1
11	Control Valve 75mm	No.	1	1	1	1	1	1	1	1	2	2	2
12	Control Valve 63mm	No.	4	4	4	4	4	4	4	4	4	4	4
13	Control Valve 50mm	No.	0	0	0	0	0	0	0	0	0	0	0
14	Flush Valve 75 mm	No.	0	0	0	0	0	0	0		1	1	1
15	Flush Valve 63mm	No.	4	4	4	4	4	4	4	4	4	4	4
16	Flush Valve 50mm	No.	0	0	0	0	0	0	0	0	0	0	0
17	Air release Valve 1"	No.	1	1	1	1	1	1	1	1	1	1	1
18	Air release Valve 1 1/2"	No.	0	0	0	0	0	0	0	0	0	0	0
19	Non Return Valve 1 1/2"	No.	1	1	1	1	1	1	1	1	0	0	0
20	Non Return Valve 2"	No.	0	0	0	0	0	0	0	0	1	1	1
21	Non Return Valve 2 1/2"	No.	0	0	0	0	0	0	0	0	0	0	0
22	Throttle Valve 1 1/2"	No.	0	0	0	0	0	0	0	0	0	0	0
23	Throttle Valve 2"	No.	0	0	0	0	0	0	0	0	1	1	1
24	Throttle Valve 2 1/2"	No.	0	0	0	0	0	0	0	0	0	0	0
25	Throttle Valve 3"	No.	0	0	0	0	0	0	0	0	0	0	0
26	Screen filter 40 m^3/hr	No.	0	0	0	0	0	0	0	0	0	0	0
27	Screen filter 30 m^3/ hr	No.	0	0	0	0	0	0	0	0	0	0	0
28	Screen filter 20/25 m^3/hr	No.	0	0	0	0	0	1	1	1			
29	Screen filter 10 m^3/hr	No.	1	1	1	1	1	0	0	0	1	1	1
30	By-pass Assembly - 2 1/2"	No.	0	0	0	0	0	0	0	0	0	0	0
31	By-pass Assembly - 2"	No.	1	1	1	1	0	0	0	0	1	1	1
32	By-pass Assembly - 1 1/2"	No.	0	0	0	0	1	1	1	1	0	0	0
33	Venturi & manifold (2 1/2")	No.	0	0	0	0	1	1	1	1	0	0	0
34	Venturi & manifold (2")	No.	1	1	1	1	0	0	0	0	1	1	1
35	Venturi & manifold (1 1/2")	No.	0	0	0	0	0	0	0	0	0	0	0
36	Fittings & Accessories	5%	1	1	1	1	1	1	1	1	1	1	1

A. WIDE SPACED CROPS

6. For 4.0 Hectare

SN	Component/ Lateral to Lateral x Dripper spacing (m x m)	Unit	12 X 12	10 X10	9x9	8X8	6 X 6	5 X5	4 X 4	3 X3	2.5 X 2.5	2 X 2	1.5 X 1.5
1	PVC PIPE 110 mm; Class II ; 4kg/cm^2	m	0	0	0	0	0	0	0	0	0	0	0
2	PVC Pipe 90 mm; Class II ; 4kg/cm^2	m	0	0	0	0	0	0	0	0	138	138	138
3	PVC Pipe 75 mm; Class II ; 4kg/cm^2	m	225	225	225	225	225	225	225	225	276	276	276
4	PVC Pipe 63 mm;Class II ; 4kg/cm^2	m	402	402	402	402	402	402	402	402	402	402	402
5	PVC Pipe 50 mm; Class II ; 4kg/cm^2	m	0	0	0	0	0	0	0	0	0	0	0
6	Lateral 16 mm Class II; 2.5 kg/cm^2	m	0	0	0	0	0	0	0	0	16160	20200	26933
7	Lateral 12 mm; Class II ; 2.5 kg/cm^2	m	3400	4080	4533	5100	6800	8160	10200	13600	0	0	0
8	Emitter 4/ 8 lph	No.	1133	1632	2015	2550	4533	4896	7700	9244	12800	20000	17800
9	Micro tube 6mm	m	850	1224	1511	1913	3400	3296	5150	0	0	0	0
10	Control Valve 90 mm	No.	0								2	2	2
11	Control Valve 75mm	No.	0	0	0	0	2	2	2	2	2	2	2
12	Control Valve 63mm	No.	2	2	2	2	0	0	0	0	4	4	4
13	Control Valve 50mm	No.	0	0	0	0	0	0	0	0	0	0	0
14	Flush Valve 75 mm	No.	1	1	1	1	1	1	1	1	1	1	1
15	Flush Valve 63mm	No.	4	4	4	4	4	4	4	4	4	4	4
16	Flush Valve 50mm	No.	0	0	0	0	0	0	0	0	0	0	0
17	Air release Valve 1"	No.	0	0	0	0	0	0	0	0	0	0	0
18	Air release Valve 1 1/2"	No.	1	1	1	1	1	1	1	1	1	1	1
19	Non Return Valve 1 1/2"	No.	1	1	1	1	1	1	1	1	0	0	0
20	Non Return Valve 2"	No.	0	0	0	0	0	0	0	0	1	1	1
21	Non Return Valve 2 1/2"	No.	0	0	0	0	0	0	0	0	0	0	0
22	Throttle Valve 1 1/2"	No.	1	1	1	1	1	0	0	0	0	0	0
23	Throttle Valve 2"	No.	0	0	0	0	0	1	1	1	1	1	1
24	Throttle Valve 2 1/2"	No.	0	0	0	0	0	0	0	0	0	0	0
25	Throttle Valve 3"	No.	0	0	0	0	0	0	0	0	0	0	0
26	Screen filter 40 m^3/hr	No.	0	0	0	0	0	0	0	0	0	0	0
27	Screen filter 30 m^3/ hr	No.	0	0	0	0	0	0	0	0	0	0	0
28	Screen filter 20/25 m^3/hr	No.						1	1	1	1	1	1
29	Screen filter 10 m3/HR	No.	1	1	1	1	1	0	0	0			
30	By-pass Assembly - 2 1/2"	No.									1	1	1
31	By-pass Assembly - 2"	No.	1	1	1	1	0	0	0	0			
32	By-pass Assembly - 1 1/2"	No.	0	0	0	0	1	1	1	1			
33	Venturi & manifold (2 1/2")	No.	0	0	0	0	1	1	1	1	0	0	0
34	Venturi & manifold (2")	No.	1	1	1	1	0	0	0	0	1	1	1
35	Venturi & manifold (1 1/2")	No.											
36	Fittings & Accessories	5%	1	1	1	1	1	1	1	1	1	1	1

A. WIDE SPACED CROPS

7. For 5.0 Hectare

SN	Component/ Lateral to Lateral x Dripper spacing (m x m)	Unit	12 X 12	10 X10	9x9	8X8	6 X 6	5 X5	4 X 4	3 X3	2.5 X 2.5	2 X 2	1.5 X 1.5
1	PVC PIPE 110 mm; Class II ; 4kg/cm^2	m	0	0	0	0	0	0	0	0	0	0	0
2	PVC Pipe 90 mm; Class II ; 4kg/cm^2	m	114	114	114	114	114	114	114	114	168	168	168
3	PVC Pipe 75 mm; Class II ; 4kg/cm^2	m	168	168	168	168	168	168	168	168	342	342	342
4	PVC Pipe 63 mm;Class II ; 4kg/cm^2	m	450	450	450	450	450	450	450	450	456	456	456
5	PVC Pipe 50 mm; Class II ; 4kg/cm^2	m	0	0	0	0	0	0	0	0	0	0	0
6	Lateral 16 mm Class II; 2.5 kg/cm^2	m	0	0	0	0	0	0	0	0	20200	25250	33667
7	Lateral 12 mm; Class II; 2.5 kg/cm^2	m	4250	5100	5667	6375	8500	10200	12750	17000	0	0	0
8	Emitter 4/ 8 lph	No.	1417	2040	2519	3188	5667	8160	6500	11556	16160	25250	22444
9	Micro tube 6 mm	m	1063	1530	1889	2391	4250	6120	6438	0	0	0	0
9	Control Valve 90 mm	No.									2	2	2
10	Control Valve 75mm	No.	2	2	2	2	2	2	2	2	2	2	2
11	Control Valve 63mm	No.	4	4	4	4	4	4	4	4	4	4	4
12	Control Valve 50mm	No.	0	0	0	0	0	0	0	0	0	0	0
13	Flush Valve 75 mm	No.	1	1	1	1	1	1	1	1	1	1	1
14	Flush Valve 63mm	No.	4	4	4	4	4	4	4	4	4	4	4
15	Flush Valve 50mm	No.	0	0	0	0	0	0	0	0	0	0	0
16	Air release Valve 1"	No.	0	0	0	0	0	0	0	0	0	0	0
17	Air release Valve 1 1/2"	No.	1	1	1	1	1	1	1	1	1	1	1
18	Non Return Valve 1 1/2"	No.	1	1	1	1	1	1	1	1	0	0	0
19	Non Return Valve 2"	No.	0	0	0	0	0	0	0	0	0	0	0
20	Non Return Valve 2 1/2"	No.	0	0	0	0	0	0	0	0	1	1	1
21	Throttle Valve 1 1/2"	No.	1	1	1	1	1	0	0	0	0	0	0
22	Throttle Valve 2"	No.	0	0	0	0	0	1	1	1	0	0	0
23	Throttle Valve 2 1/2"	No.	0	0	0	0	0	0	0	0	1	1	1
24	Throttle Valve 3"	No.	0	0	0	0	0	0	0	0	0	0	0
25	Screen filter 40 m^3/hr	No.	0	0	0	0	0	0	0	0	0	0	0
26	Screen filter 30 m^3/ hr	No.	0	0	0	0	0	0	0	0	0	0	0
27	Screen filter 20/25 m^3/hr	No.	0	0	0	0	0	1	1	1	1	1	1
28	Screen filter 10 m^3/hr	No.	1	1	1	1	1	0	0	0	0	0	0
29	By-pass Assembly – 2.5"	No.									1	1	1
30	By-pass Assembly - 2"	No.	1	1	1	1	0	0	0	0	0	0	0
31	By-pass Assembly – 1.5"	No.	0	0	0	0	1	1	1	1	0	0	0
32	Venturi & manifold (2.5")	No.	0	0	0	0	1	1	1	1	1	1	1
33	Venturi & manifold (2")	No.	1	1	1	1	0	0	0	0	0	0	0
34	Venturi & manifold (1.5")	No.											
35	Fittings & Accessories	5%	1	1	1	1	1	1	1	1	1	1	1

B. CLOSE SPACED CROPS

1. For 0.2 hectare

S.No.	Component Lateral to Lateral x Dripper spacing (mxm)	Unit	2.5x2.5	2x2	1.5x1.5
1.	PVC Pipe 50 mm; Class II; 4kg/cm^2	m	66	66	66
2.	Emitting Pipe 16 mm Class II (0.6 mx1 to 4 lph)	m	800	1150	1700
3.	Control Valve 40 mm	No.	1	1	1
4.	Air release Valve 1”	No.	1	1	1
5.	Non Return Valve 1”	No.	1	1	1
6.	Throttle Valve 1/2"	No.	1	1	1
7.	Screen filter 5 M3/HR	No.	1	1	1
8.	By-pass Assembly – 1 1/2"	No	1	1	1
9.	Ventury & manifold (3/4”)	No	1	1	1
10.	Fittings & Accessories @ 5%	set	1	1	1
	Total Cost		15463	18807	24063

B. CLOSE SPACED CROPS

2. For 0.4 & 1.0 Hectare

	Area (ha)		0.4			1.0		
SN	**Component name/ Lateral to Lateral x Dripper spacing (m x m)**	**Unit**	**2.5 X 0.6**	**1.8 X 0.6**	**1.2 X 0.6**	**2.5 X 0.6**	**1.8 X 0.6**	**1.2 X 0.6**
1	PVC PIPE 110 mm; Class II ; 4kg/cm^2	m	0	0	0	0	0	0
2	PVC Pipe 90 mm; Class II ; 4kg/cm^2	m	0	0	0	0	0	0
3	PVC Pipe 75 mm; Class II ; 4kg/cm^2	m	0	0	0	54	54	54
4	PVC Pipe 63 mm;Class II ; 4kg/cm^2	m	0	0	0	102	102	102
5	PVC Pipe 50 mm; Class II ; 4kg/cm^2	m	96	96	96	0	0	0
6	Lateral 16 mm Class II; 2.5 kg/cm^2	m	38	53	79	60	83	125
7	Emitting Pipe 16 mm Class II (0.6 m x 1 to 4 lph)	m	1616	2245	3367	4040	5611	8417
8	Control Valve 90 mm	No.	0	0	0	0	0	0
9	Control Valve 75mm	No.	0	0	0	0	0	0
10	Control Valve 63mm	No.	0	0	0	1	1	1
11	Control Valve 50mm	No.	1	1	1	1	1	2
12	Flush Valve 75 mm	No.	0	0	0	0	0	0
13	Flush Valve 63mm	No.	0	0	0	0	0	0
14	Flush Valve 50mm	No.	1	1	1	1	1	1
15	Air release Valve 1"	No.	1	1	1	1	1	1
16	Air release Valve 1 1/2"	No.	0	0	0	0	0	0
17	Non Return Valve 1 1/2"	No.	1	1	1	1	1	1
18	Non Return Valve 2"	No.	0	0	0	0	0	0
19	Non Return Valve 2 1/2"	No.	0	0	0	0	0	0
20	Throttle Valve 1 1/2"	No.	0	0	0	1	1	1
21	Throttle Valve 2"	No.	0	0	0	0	0	0
22	Throttle Valve 2 1/2"	No.	0	0	0	0	0	0
23	Screen filter 40 m^3/hr	No.	0	0	0	0	0	0
24	Screen filter 30 m^3/ hr	No.	0	0	0	0	0	0
25	Screen filter 20/25 m^3/hr	No.	0	0	0	0	0	0
26	Screen filter 10 m^3/hr	No.	1	1	1	1	1	1
27	By-pass Assembly – 2.5"	No.	0	0	0	0	0	0
28	By-pass Assembly - 2"	No.	0	0	0	0	0	0
29	By-pass Assembly – 1.5"	No.	1	1	1	1	1	1
30	Venturi & manifold (2.5")	No.	0	0	0	0	0	0
31	Venturi & manifold (2")	No.	0	0	0	0	0	0
32	Venturi & manifold (1.5")	No.	1	1	1	1	1	1
33	Fittings & Accessories @ 5%	5%	1	1	1	1	1	1

B CLOSE SPACED CROPS

3. For 2.0 & 3.0 Hectare

	Area (Ha)		2.0			3.0		
SN	**Component name/ Lateral to Lateral x Dripper spacing (m x m)**	**Unit**	**2.5 X 0.6**	**1.8 X 0.6**	**1.2 X 0.6**	**2.5 X 0.6**	**1.8 X 0.6**	**1.2 X 0.6**
1	PVC PIPE 110 mm; Class II ; 4kg/cm^2	m	0	0	0	0	0	0
2	PVC Pipe 90 mm; Class II ; 4kg/cm^2	m	0	0	0	90	90	90
3	PVC Pipe 75 mm; Class II ; 4kg/cm^2	m	75	75	75	132	132	132
4	PVC Pipe 63 mm;Class II ; 4kg/cm^2	m	150	150	150	174	174	174
5	PVC Pipe 50 mm; Class II ; 4kg/cm^2	m	0	0	0	0	0	0
6	Lateral 16 mm Class II; 2.5 kg/cm^2	m	120	150	200	156	217	325
7	Emitting Pipe 16 mm Class II (0.6 m x 1 to 4 lph)	m	8200	11500	17000	12120	16833	25250
8	Control Valve 90 mm	No.	0	0	0	1	1	1
9	Control Valve 75mm	No.	1	1	1	2	2	2
10	Control Valve 63mm	No.	2	2	2	4	4	4
11	Control Valve 50mm	No.	0	0	0	0	0	0
12	Flush Valve 75 mm	No.	0	0	0	1	1	1
13	Flush Valve 63mm	No.	1	1	1	4	4	4
14	Flush Valve 50mm	No.	0	0	0	0	0	0
15	Air release Valve 1"	No.	1	1	1	1	1	1
16	Air release Valve 1.5"	No.	0	0	0	0	0	0
17	Non Return Valve 1.5"	No.	1	1	1	0	0	0
18	Non Return Valve 2"	No.	0	0	0	1	1	1
19	Non Return Valve 2.5"	No.	0	0	0	0	0	0
20	Throttle Valve 1.5"	No.	1	1	1	0	0	0
21	Throttle Valve 2"	No.	0	0	0	1	1	1
22	Throttle Valve 2.5"	No.	0	0	0	0	0	0
23	Screen filter 40 m^3/hr	No.	0	0	0	0	0	0
24	Screen filter 30 m^3/ hr	No.	1	1	1	1	1	1
25	Screen filter 20/25 m^3/hr	No.	0	0	0	0	0	0
26	Screen filter 10 m^3/hr	No.	0	0	0	0	0	0
27	By-pass Assembly - 2 1/2"	No.	0	0	0	0	0	0
28	By-pass Assembly - 2"	No.	1	1	1	1	1	1
29	By-pass Assembly – 1.5"	No.	0	0	0	0	0	0
30	Venturi & manifold (2.5")	No.	0	0	0	0	0	0
31	Venturi & manifold (2")	No.	1	1	1	1	1	1
32	Venturi & manifold (1.5")	No.	0	0	0	0	0	0
33	Fittings & Accessories @ 5%	5%	1	1	1	1	1	1

B CLOSE SPACED CROPS

4. For 4.0 & 5.0 Hectare

	Area (ha)		4.0			5.0		
SN	**Component name/ Lateral to Lateral x Dripper spacing (m x m)**	**Unit**	**2.5 X 0.6**	**1.8 X 0.6**	**1.2 X 0.6**	**2.5 X 0.6**	**1.8 X 0.6**	**1.2 X 0.6**
1	PVC PIPE 110 mm; Class II ; 4kg/cm^2	m	0	0	0	0	0	0
2	PVC Pipe 90 mm; Class II ; 4kg/cm^2	m	138	138	138	168	168	168
3	PVC Pipe 75 mm; Class II ; 4kg/cm^2	m	276	276	276	342	342	342
4	PVC Pipe 63 mm;Class II ; 4kg/cm^2	m	402	402	402	456	456	456
5	PVC Pipe 50 mm; Class II ; 4kg/cm^2	m	0	0	0	0	0	0
6	Lateral 16 mm Class II; 2.5 kg/cm^2	m	180	250	375	268	373	559
7	Emitting Pipe 16 mm Class II (0.6 m x 1 to 4 lph)	m	16000	22000	33100	20200	28056	42083
8	Control Valve 90 mm	No.	2	2	2	2	2	2
9	Control Valve 75mm	No.	2	2	2	2	2	2
10	Control Valve 63mm	No.	4	4	4	4	4	4
11	Control Valve 50mm	No.	0	0	0	0	0	0
12	Flush Valve 75 mm	No.	1	1	1	1	1	1
13	Flush Valve 63mm	No.	4	4	4	4	4	4
14	Flush Valve 50mm	No.	0	0	0	0	0	0
15	Air release Valve 1"	No.	0	0	0	0	0	0
16	Air release Valve 1.5"	No.	1	1	1	1	1	1
17	Non Return Valve 1.5"	No.	0	0	0	0	0	0
18	Non Return Valve 2"	No.	0	0	0	0	0	0
19	Non Return Valve 2.5"	No.	1	1	1	1	1	1
20	Throttle Valve 1.5"	No.	0	0	0	0	0	0
21	Throttle Valve 2"	No.	0	0	0	0	0	0
22	Throttle Valve 2.5"	No.	1	1	1	1	1	1
23	Screen filter 40 m^3/hr	No.	0	0	0	0	0	0

24	Screen filter 30 m^3/ hr	No.	1	1	1	1	1	1
25	Screen filter 20/25 m^3/hr	No.	0	0	0	0	0	0
26	Screen filter 10 m^3/hr	No.	0	0	0	0	0	0
27	By-pass Assembly – 2.5"	No.	1	1	1	1	1	1
28	By-pass Assembly - 2"	No.	0	0	0	0	0	0
29	By-pass Assembly – 1.5"	No.	0	0	0	0	0	0
30	Venturi & manifold (2.5")	No.	1	1	1	1	1	1
31	Venturi & manifold (2")	No.	0	0	0	0	0	0
32	Venturi & manifold (1.5")	No.	0	0	0	0	0	0
33	Fittings & Accessories @ 5%	5%	1	1	1	1	1	1

From

Director of Horticulture,
Haryana, Panchkula.

To

The Financial Commissioner & Principal Secretary,
to Govt. Haryana, Agriculture Department.

Memo No./B-II/9/14/2009-10/
Dated, Panchkula, the: -

Subject: - **2401-Crop Husbandary-789-Special Component Crops Plan Scheme for Schedule Caste (SB No. 98):** Plan Scheme for Integrated Horticulture Development for SC's families for the year 2010-11

It is a continuing plan scheme. In the year 2009-10, the total amount sanctioned was Rs.50.00 lakhs vide Govt. memo No.926-Agri-II(5)-2009/5643 dated 23.04.09. Financial Commissioner & Principal Secretary to Govt. Haryana, Planning Department letter No. EAS (Plg.)-2009/33563 dated 17-11-2009 has approved SCSP component for Rs.60.00 lakhs for the year 2010-11.

In the Department of Horticulture various schemes are being implemented since long however no separate scheme was devised for direct benefit to the SC families. As it is very difficult to part certain portion of amount for SC families under regular schemes, therefore, as per the instructions of Govt. a separate scheme was formulated in the year 2007-08 keeping in view the following objectives:

OBJECTIVES

1. To encourage the SC farmers to take horticultural crops as diversification option.
2. To acquaint the SC farmers about the latest technologies in the field of Horticulture.
3. To increase the income of the land of SC families by way of increasing output by adopting various horticultural crops.

METHODOLOGY

1. To give quality planting material and other inputs of Fruit Plants, Mushroom , Vegetable Seeds, Flowers, Aromatic & Medicinal Plants, Spices and also to provide trainings on different aspect.

Keeping in view the present day scenario, the diversification from agricultural crops to other cash crops like fruits, vegetable, flowers etc. is very much required. There is a great potential to increase production, productivity and quality of horticultural crops. The scheduled castes families which have less land holdings in the State can be benefited by horticultural crops which are more employment generating and remunerative. The package programme has been developed for the benefit of SC families and under which the assistance to the beneficiary will be given @ 75%-100% as against assistance available from 25%-75% in scheme of the Department. The details of proposal can be seen as:

Subsidy details

a)	Vegetables	
i)	Vegetable Minikits Unit 4200 (No.200x21 Districts) Assistance 250/- per unit.	10.50 lakhs
ii)	Tuber Crop Yam (100% assistance) area 5.0 acre. @ 90000/- (acre) unit size 0.5 acre	4.50 lakhs
b)	Plastic Crates unit cost: Rs.180/- (Assistance @ 75%) Rs.135/- Crates total unit 4900 unit size 10 Units crate per beneficiaries.	6.60 lakhs
	Total	**21.60 lakhs**

c) Floriculture

Flower Mini Kits Hybrid Marigold 5.25 lakhs

Unit size 0.5 A @ Rs.5000/- unit

Total units: 5 Units/District X 21 =105 Unit

d) Mushroom

a) Mushroom Shed

Unit cost: Rs.50500/- @ 75% assistance

i.e. Rs.37,875/- per unit

Total Unit : 40

Total Cost 37,875 x 40 15.15 lakhs

b) Trays

15000 Trays

250 Trays/Unit beneficiary

No. of Unit = 60

Rs.120/- trays (100% assistance)

15000x120 18.00 lakhs

Grand Total 60.05 lakhs

Or Say Rs.60.00 lakhs

The headquarter of the scheme will be at Panchkula. The Director of Horticulture, Haryana, Panchkula will be the Controlling Officer of the scheme. Superintendent (Budget) at Directorate Level and District Horticulture Officer, Ambala, Panchkula, Karnal, Kaithal, Kurukshetra, Sonipat, Panipat, Rewari, Narnaul, Gurgaon, Bhiwani, Hisar, Sirsa, Jind, Fatehabad, Yamunanagar, Faridabad, Rohtak, Jhajjar, Mewat & Palwal and Principal, Horticulture Training Institute, Uchani (Karnal) will be drawing and disbursing officers of the scheme.

"2401-Crop-Husbandry-789-Special Component Plan for Schedule Caste (98) Integrated Horticulture Development plan scheme for Schedule Caste families for the year 2010-11

It is therefore, requested that necessary administrative-cum-financial sanction for the year 2010-11 of the above scheme for a total outlay of Rs.60.00 lakhs may be accorded.

ANNEXURE-I

PACKAGE PROGRAMME

AREA EXPANSION

SUMMARY

Sr. No.	Component	Physical	Financial
b)	Area Expansion of Vegetables		13.55
c)	Area Expansion of Flowers		5.25
d)	Area Expansion of Spices		0
e)	Mushroom-I		15.15
	Mushroom-II		18.00
	Total		**51.95**

a) Area Expansion of Fruits

Sr. No.	Name of Crop	Unit cost per ha.	Assistance 75%.	Area to be covered	Financial (Rs. in lacs)
1.	Mango	30000	22500		

2.	Chiku	30000	22500		
3.	Guava	30000	22500		
4.	Citrus	30000	22500		
5.	Ber	30000	22500		
6.	Aonla	30000	22500		
7.	Strawberry	80000	60000		
8.	Pear, Peach & Plum	30000	22500		
9.	Papya	30000	22500		
	Total				

The area expansion shall be carried out at farmer's fields for which plant, inputs etc. will be given to the farmers limiting to minimum 0.4 ha. and maximum 1 ha. Area.

b) Area expansion in Vegetables

It is proposed to lay demonstration plots on vegetables in 88 ha as per details given below: -

Sr. No.	Name of Crop	Unit cost per ha.	Area to be covered (Ha.)	Financial (Rs. in lakhs)
1.	Bhindi	10000		
2.	Tomato	20000		
3.	Brinjal	10000		
4.	Hybrid Cucurbits	12500		
5.	Vegetable Minikits	200/Units		
6.	Tuber Crops (Yam etc.)	88500 (05 ha)		
	Total			

These demonstration plots will be laid at the farmers fields for which inputs and seed limiting to 0.4 ha. per farmer will be given free of cost as 100% assistance. Each beneficiary farmer will be given one knap sack spray pump amounting to Rs.800/- per pump free of cost to protect the vegetables crops from pests and diseases. For this purpose Rs.20000/- for 25 pumps will be given as 100% assistance.

c) Area Expansion in Flowers

It is proposed to lay demonstration plots on 25 ha. for flowers i.e. 4 ha. on bulbous flowers namely Gladiolus and 29 ha. on other flowers namely Marigold, Rose in each district limiting to 0.04 ha. per beneficiary with 75% assistance. The details of proposed expenditure is as under: -

Sr. No.	Name of Crop	Unit cost per ha.	Assistance @ 75%	Area to be covered	Financial (Rs. in lacs)
1.	Bulbous Flowers Namely (Gladiolus)	90000	67500		
2.	Other Flowers (Marigold, Rose)	24000	18000		
	Total				

d) Area expansion in Spices

Field demonstration in 22 ha. on various spice crops like Ginger, Chillies, Turmeric, Garlic and seed spices i.e. Coriander & Fenugreek etc. will be conducted on the farmers field to popularize the cultivation of spices,. Haryana State being non conventional for cultivation of spices. Hence it is very essential to promote the cultivation of spices in the State. The size of the demonstration plot will be of 2 kanal (0.01 ha). To layout the demonstration 100% assistance on the cost of seed and inputs will be provided.

The crop wise detail of assistance is given as under: -

Sr. No.	Name of Crop	Estimate cost	Assistance @ 100%	Physical Target	Financial requirement
1.	Ginger	75000	75000		
2.	Chillies	15000	15000		
3.	Garlic	15000	15000		
4.	Turmeric	15000	15000		
5.	Coriander	15000	15000		
6.	Fenugreek	15000	15000		
	Total				

e) **MUSHROOM GROWING UNITS**

To encourage the landless SC families to venture into mushroom products programme an assistance to new units and existing units for trays shall be provided @ 75% of that cost. To the existing units the assistance of 250 ha. of bags per beneficiaries shall be given.

Sr. No.	Particulars	Cost (Rs.)
A	Fixed Capital	
1.	Cost of construction of mushroom house (14x10x9.5') @ Rs. 250/- per sq. ft. (simple brick work, one door, one inlet and two outlets for air.	
2.	Electrification of the building	
3.	Cost of Bamboo Racks	
4.	Cost of Sprayer, Fan, Pipes, Plastic Bucket etc.	

	Total	
B)	Recurring Expenditure	
1.	Cost of 200 bags of spawned compost @ Rs.40/- per bag including casing soil	
2.	Cost of polythene bags	
3.	Electricity, Water etc. charges	
4.	Pesticides & Chemicals	
5.	Transportation of Compost	
6.	Miscellaneous	
	Total	
	Grand Total (A+B)	
C)	Income	
1.	Yield	
2.	Income @ Rs.40/- per kg.	
3.	Net income	
D)	Estimated cost per unit	

Sr. No.	**Component**	**Total No.**	**Assistance @ 75%**	**Physical Target**	**Financial requirement**	**Unit Size**
1.	Assistance to New Units	120	90	10000 (40 Nos.)		
2.	Assistance to existing units (bags)	50,500	37875	12 Nos.		
	Total					

From

Director of Horticulture,
Haryana, Panchkula.

To

The Financial Commissioner & Principal Secretary to
Govt. Haryana, Agriculture Department, Chandigarh.

Memo No.B-II/9/16/2009-10/
Panchkula, Dated, the: -

Subject: - Sanction for 2401-Crop-Husbandry-119-Horticulture and Vegetable Crops (SB No. 65): Plan Scheme for Integrated Horticulture Development in Haryana State for the year 2010-11.

It is a continuing plan scheme. As per the decision for rationalization/clubbing of non plan and plan schemes by the Finance Department vide no. 50/1/2009-4 FDI dated 17.11.09, three existing schemes were merged into one scheme. The approved budget in these three schemes in the year 2009-10 and proposal for this merged scheme for the year 2010-11 is tabulated below: -

Sn.	Name of Schemes before Merger	Approved Budget Outlay in 2009-10 (Rs. In Lakhs)	Name of scheme after Merger	Proposed Budget Outlay for 2010-11 (Rs. In Lakh)
1.	Plan Scheme for Popularization and	90.00	2401-Crop-Husbandry-119-Horticulture and Vegetable	227.00

	Extension of Latest Technologies in Horticulture (SB No. 76)		Crops (SB No. 65) Plan Scheme for Integrated Horticulture Development in Haryana	
2.	Plan Scheme for Potato Development and Quality Production in Haryana (SB No.67)	25.00		
3.	Plan Scheme for Integrated Horticulture Development in Haryana (SB No.65)	90.00		
	GRAND TOTAL	**205.00**		**227.00**

Against the approved outlay in the year 2009-10 for an amount of Rs. 205.00 lakhs, an amount of Rs. 227.00 lakhs has been proposed for the year 2010-11.

This scheme is planned on the pattern of National Horticulture Mission and all the approved components of NHM are incorporated under this scheme and shall primarily will be operational in three major districts namely Kaithal, Faridabad and Rewari and the districts where NHM is not implemented. However with the merger of two other schemes namely Potato and PELT whose activities are in whole of state, therefore this new merged scheme shall be operational in whole of the state for the components like field days, shows, seminars etc.

The main objectives of this Scheme are as under:-

1. To provide holistic growth of horticulture sector in diverse agro climate conditions.
2. To cover more area under horticulture as diversification by promoting horticulture to new untapped areas
3. To establish synergy among multiple on going and plan programme in Horticulture Department.
4. To promote development and dissemination of information on ongoing and latest activities in Horticulture.

Modus Operandi: Under National Horticulture Mission , the scheme is being implemented through an autonomous body as Haryana State Horticulture Development Agency as a Society under Society Registration Act 1860 in which Financial Commissioner & Principal Secretary to Government Haryana, Agriculture Department is a Chairman and Director Horticulture is the Mission Director. The Scheme is being implemented by the delegation of Powers entrusted to Chairman, Mission Director and District Horticulture Officers. Since National Horticulture Mission is a Mission approach and involves release subsidies under various component. Therefore for successful implementation of this Scheme, Director Horticulture may be entrusted the renewed Delegation of Powers of which separate proposal shall be sent to Govt. for approval.

Scheme Components: Under this Scheme the same components are kept as prescribed under NHM as development of nursery, potato seed development and demonstration both at Govt. and farmers field, area expansion programme of fruits, vegetables, flowers, spices, rejuvenation of old orchards , community water tank/water pond, Plant protection including IPM and INM, Bee Keeping, HRD including training and Post Harvest Management practices. Apart from this the latest technologies which are available in the market shall be demonstrated in the fields of farmers and also at Govt. farms. All these components are to be taken together to give holistic approach to the Horticulture Sector and subsidies are to be provided under individual component as per the norms of NHM approved by GOI for the year 2010-11.

Pattern of Assistance: This scheme will be implemented on the pattern of National Horticulture Mission and guidelines and norms as per National Horticulture Mission norms so prescribed by Government of India and revised accordingly shall be followed. The assistance percentage available under this scheme ranges from 25%-100% depending upon the component. The subsidy amount ranges from Rs.0.05 lakhs to Rs. 10.00 lakhs. However some of the components which are not covered under NHM or existing norms are not favorable, the new components are proposed with a subsidy of 50% to 75% assistance for promotion of green houses, shade net houses, fruit plants like strawberry, papaya and vegetables like potato, watermelon, coloured capsicum etc.

Targets: The details of components, targets, unit size and budget earmarked is enclosed at annexure-I.

Sr. No.	Component	Unit	Budget provision	
			Amount (Rs. in lakhs)	As demanded by Officers
1	Publication		3.00	For technical material
2	Subsidy			
i)	Non NHM districts		70.00	For districts of Kaithal, Rewari, Faridabad/KKR
ii)	a) Tissue Culture (Banana) 30,000 plants @ 5/- each	-	1.50	For all the districts
	b) Strawberry (Farmers Demonstration) 1 Kanal size unit, with 5000 plants/ unit per beneficiary @ Rs.15/- per plants	20 No.	15.00	-do-
	c) Papaya & Watermelon 3000 plants per beneficiary/Unit Rs.6/- per plant	30 No.	5.40	-do-
	d) Vegetable Kharif/Onion (except Mewat) & White Onion in non tradition area	-	4.60	-do-
	e) Demo plots on potato and other vegetable crops		7.50	-do-
iii)	Green House			

	a) Green House: 100 sqm to 500 sqm. Unit cost Rs.935/- sqm. @ 75% Assistance i.e. Rs.701/- sqn,	5000 sqm.	30.00	-do-, with focus on Morni hills
	b) Shade Net, 500 sqmt. Unit cost Rs.600/- sqm. @ 75% assistance i.e. Rs.450/- sqm.	2500 sqm.	3.75	-do-
iv)	Soluble Fertilizer and micro nutrients with Drip Irrigation	-	16.00	All the districts
	Total subsidy		153.75	
3	Development of farm		14.00	Pinjore, morni, non NHM districts
4	Material & Supplies (Plants) Khirni & other root stock	-	10.00	-do-
5	Other Charges			
6	i) Show Seminar	-	8.00	Mango mela etc.
7	ii) Trade Fair	-	5.00	Fairs etc.
8	Motor & Vehicle	-	0.75	
9	Machinery & Equipment	-	0.50	
	POL	-	0.76	

One post of Mushroom Specialist is already sanctioned and with the merging of these schemes into new one this post is required to be continued. Therefore, for salary and other related component budget provisions have been taken. A total subsidy of Rs. 153.75 lakhs has been proposed for the farmers in non-NHM districts

The headquarter of the scheme will be at Panchkula. The Director of Horticulture, Haryana, Panchkula will be Controlling Officer of the Scheme. Superintendent (Budget) will be Drawing & Disbursing Officer at the headquarter level and Principal, Horticulture Training Institute, Uchani (Karnal), Incharge, Horticulture Biotechnology Centre, Karnal, District Horticulture Officers, Panchkula, Ambala, Yamunanagar, Kurukshetra, Kaithal, Karnal, Panipat, Sonepat, Faridabad, Mewat, Gurgaon, Rewari,

Narnaul, Jhajjar, Rohtak, Bhiwani, Hisar, Fatehabad, Sirsa, Jind, Palwal and Superintendent Horticulture-cum- Project Officers, Govt. Garden and Nursery, Ghrounda, Pinjore and Mangiana (Sirsa) will be drawing and disbursing officer under this scheme. The expenditure will be met out under the head: -

The total expenditure of Rs. 227.00 lakhs will be met under the following head of accounts: -

"2401-Crop-Husbandry-119-Horticulture and Vegetable Crops

(SB No. 65): Plan Scheme for Integrated Horticulture Development

in Haryana State for the year 2010-11"

Statement of cost in respect of 2401-Crop-Husbandry-119-Horticulture and Vegetable Crops (SB No. 65) Plan Scheme for Integrated Horticulture Development in Haryana for the year 2010-11

Headquarter Level

1. One Mushroom Specialist (Class-II) in the pay scale of PB 2 Rs.9300-34800+ Rs.4200

Code No.	Component	Amount (Rs. In Lakhs)
01	Salaries	3.42
02	Wages	15.00
03	Dearness Allowances	1.14
04	Travel Expenses	0.10
05	Office Expenses	1.60
06	Rate Rent & Taxes	2.00

07	Publication	3.00
11	Subsidies	153.75
19	Machinery & Equipment	0.50
21	Motor Vehicle	0.75
24	Material & Supplies	17.50
34	Other Charge	13.00
45	POL	0.76
67	Medical Reimbursement	0.10
70	L.T.C.	0.38
97	Development of Farm	14.00
	Total	**227.00**