

# Detailed Project Report (DPR)

## Model template

for NHB Scheme No.1

for..... (Crop)

Scheme.1	<b>Development of Commercial Horticulture through Production and Post-Harvest Management of Horticulture Crops:</b> <ol style="list-style-type: none"> <li>1. Open field condition</li> <li>2. Protected Cover</li> <li>3. Integrated Post Harvest Management</li> </ol>
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Crop			Tick mark
Scheme components	1. Open field condition of NHB specified crops	Within overall cost ceiling	
		+Farm Mechanization	
		+Good Agri. Practices (GAP)	
		+Plastic Mulching	
	2. Protected Cover of NHB specified crops	Within overall cost ceiling	
		+Farm Mechanization	
		+Good Agri. Practices (GAP)	
		+Plastic Mulching	
	3. Integrated PHM		
	3.1.Integrated Pack House		
	3.2.Pack house		
	3.3.Pre-cooling unit		
	3.4. Cold Room (Staging)		
	3.5. Mobile Pre-cooling unit		
	3.6.Ripening Chamber		
	3.7 Primary Processing		
	3.8.Refer Van		
	3.9 Retail outlet		

Submitted by

.....Applicant with full correspondence Address

Detailed Project Report (DPR) will have to be signed by the applicant (s) / authorized person ( in case of legal entity) on each page with date

**Important Note: Applicant/promoter is hereby requested to mandatorily read important instructions for Applicant before making IPA application & Detailed Project Report (DPR)**

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### Project at a Glance

1.	Name of Applicant (s) / Legal entity		
2.	Constitution		
3.	NHB Scheme for which DPR is made		
4.	Project Activity		
5.	Land		
	1. Land ownership: Owned or on registered lease for minimum of 10 effective years from the date of IPA.		
	2. Project Area and Survey /khasra/ Gat/Dag No.		
	3. Project Site Address with Pin Code		
6.	Technical feasibility		
	1. Agro-climatic suitability		
	2. Crop husbandry / PHM		
7.	Existence of similar project activity in the said area		Yes/No
8.	Whether the project is located in the crop cluster/ hub/ belt		Yes/No
9.	Project economic life		
10.	Total Project Cost		
11.	• Open field condition or Protected Cover		
	• Integrated Post Harvest Management		
	• Total		
12.	Project completion period ( in months)		
	Expected Implementation Timeline	Commencement	
		Completion	
13.	Bank/ Financial Institution identified for Term loan (optional)		
14.	Proposed Means of Finance	Promoter's contribution (in Lakh Rs.) & %	
		Bank Term loan (in Lakh Rs.) & %	
		Un-secured loan (in Lakh Rs.) & %	
		Total	
15.	Gestation period		
16.	Projected Key Financial Parameters	Current Ratio other than export units	
		CR-Export units	
		Benefit Cost Ratio (BCR)	
		Internal Rate of Return (IRR)	
		Debt Service Coverage Ratio (DSCR)	
		Average DSCR	
		Debt-Equity Ratio (DER)	
		Total Outside Liability (TOL)/Total Net Worth (TNW)	
		Promoter's Contribution	
		Break Even Point	
			Security Coverage Ratio (SCR)
	Repayment period		
18.	Productivity expected (in MT/Qt/Kg/numbers) per unit area		
19.	Potential Market (s) for the commodity and distance from the project site		
20.	Expected employment generation	Direct- regular per annum	
		In-direct – Man days per annum	

1.

**About the Applicant / Promoter and his/her entrepreneurship****A. About Applicant / Promoter**

<b>1.1.In case of Individuals or Group of farmers (if applicable)</b>		
<b>Individual</b>		
1. Name of Farmer /Entrepreneur/ Individual/ Proprietor		
2. Name of Parents and/or spouse (of Individual)		
Group of Farmer growers / SHG- Promoters		
1. Name of Group		
2. Names of all members of the group with the names of their parents/spouse		
<b>1.2.In case of Legal entity</b>		
Name / Title		
1. Incorporation / Registration number/ CIN & date of registration		
2. Act under which Registered		
3. Registering authority		
4. Name of Promoter / CEO/CMD/MD		
5. If it is FPO/ FPC/ Co-op society / Growers' Co-operative Marketing federation- Please specify		
6. If it is Reg. Society/ Company/ Corporation / Partnership firm / Proprietary firm- Please specify		
7. Name of Promoter (s)/ Board of Directors/ Partners etc.		
8. Status of the promoter / applicant in the legal entity-please specify		
9. Whether the promoter / applicant is authorized by the Legal entity-		Yes/No
10. In case of Company/partnership firms / legal person a. Certified copy of Company/Partnership incorporation/ registration certificate issued by Competent Authority, as applicable b. Certified copy of MoA/Bye Laws c. Certified copy of Board of Directors Resolution duly passed and authorizing signatory of application to apply for IPA d. Certified copy of latest Audit Report, if applicable		
11. NGO- Please specify- give details of registration		
<b>1.3.Government Institutions / Organisations-- Please specify (if applicable)</b>		
(i) Marketing Board / Agricultural Produce Marketing Committee APMC		
(ii) Municipal Corporation		
(iii) PSU/ Agro-Industries Corporation		
(iv) ICAR/CAU/SAU/ Government R&D Institution		
<b>1.4.Statutory registration</b>	( As per applicability)	
a. PAN No		
b. Aadhaar No.	Yes/No	
c. Others (if any)		
<b>1.5.Correspondence Address</b>	Postal Address with PIN code	
	Telephone	
	Mobile/WhattsApp	
	Email id	
<b>1.6.Project location Address</b>		

1.7. <b>Social Category</b> ( In case of legal entity the CEO and Board of Directors social category is to be mentioned)	General / SC/ST	
	OBC	
	In case of SC/ST applicants, a self-certified copy of Caste Certificate issued by Competent Authority is to be enclosed.	
1.8. <b>Location:</b> TSP / NE Region / Hilly States	In case of TSP /Scheduled Area, a self-attested copy of Govt. notification is to be enclosed.	
1.9. <b>Gender</b>	Male / Female/Transgender	

**2. Details of benefits availed / proposed to be availed by the applicant-** either individually or as a member of Association of growers, Group of Farmer Growers/consumers, Farmers Producer Organisations (FPOs), Self Help Groups, Partnership/ Proprietary Firms, NGOs, Companies (as a Board of Director), Corporations, Cooperatives, Co-operative Marketing federations from (i) NHB and (ii) other Ministries/ organisations of Central Government and (iii) State Governments including NHM for Horticulture related projects.

**Note:** Non-disclosure of information regarding availing of benefits from NHB, earlier, will lead to rejection of the current application. In case, any information is received later or at any stage about this matter, the financial assistance released by NHB, if any, will be recovered.

**2.1. In this / proposed project and location:**

1. Whether the proposed project proposal has been submitted for consideration under any State Government or Central Government Scheme for financial grant? If yes, give details.

Constitution – Individual or in any form	Ministry/ Organization	Scheme Name	Project code & Activity	Project Location	Land Survey No	Eligible Project cost (Rs. in lakh)	Total subsidy/ grant (Rs. in lakh)	Current status of project- Operational / underutilized / closed

**Attention:**

In case the project application is considered for IPA, the applicant shall have to enclose No Objection Certificate from State Government / State Horticulture Mission that there is no duplication of funding for the project and the applicant shall also submit self-declaration that he/she is not availing government subsidy / grant / assistance from any other ministry for this project, before conducting joint inspection by NHB Team.

2. **In earlier / any other Project (s):** Whether any assistance in the form of soft loan and/or any subsidy has been availed from NHB, other Central Govt. organization or State Government for the same activity on the same piece of land, khasra/ Gat/Dag/ etc either in his / her own name individually or in the name of his/her family members or through any legal entity in which he/she is the beneficiary either in the same

location, project. - Yes/ No. If Yes, Please provide details

Constitution – Individual or in any form	Ministry/ Organization	Scheme Name	Project code & Activity	Project Location	Land Survey No	Eligible Project cost (Rs. in lakhs)	Total subsidy/ grant (Rs. in lakhs)	Current status of project- Operational / underutilized / closed

**2.2. Operational status of earlier projects under NHB scheme and other Central Ministries and State Government, if yes, give details thereof.**

Year	Organisation / Ministry which released assistance	Activity for which assistance is availed & code	Dates			As on date Project Operational status (Running or Closed)	Annual Turnover (of previous Year)	Exports if any	Profitable or loss making	Remarks / Reasons
			Subsidy received	Project completed	Commenced production					

\* In case of earlier NHB-assisted project and where proposals envisioning fresh/new projects are proposed, the earlier project(s) should not have been abandoned (economic life).

**2.3. Please provide self certified, self drawn hand sketch of earlier and the proposed project.**

### 3. About the Project, Justification, Management and Description

#### 3.1. About the Project

a. Name of the proposed activity

Name of the scheme and component	Unit	Tick mark relevant component
Development of Commercial Horticulture through Production and Post-Harvest Management of Horticulture Crops		
1. Open field condition		
2. Protected cover for specified crops		
3. Integrated PHM		
3.1. Pack House		
3.2. Integrated Pack house		
3.3. Pre-cooling unit		
3.4. Cold Room (Staging)		
3.5. Mobile Pre-cooling unit		
3.6. Ripening Chamber		
3.7. Primary Processing		
3.8. Reefer Van		
3.9. Retail outlet (environmentally controlled)		
3.10. Labour / Store room		

Note: Project Activity and Scheme components (Should be as per NHB scheme guidelines- please verify)

b. Proposed Project Area:

Activity	Area proposed
Cultivation –	
Open Cultivation (Ha) / Protected Cultivation (Sq.Mt)	
PHM	
Plant and Machinery	
Any other activity	

c. Details of Crop (s) in case of Open field condition / Protected cultivation

Name of the Crops	Variety / Hybrid/ Cultivar	Area ( acres )	No. of plants	Source of Planting Material

b. Products, product Mix, by-products and Services of the Project

c. Objectives of the Project

d. Justification for the project

e. Raw Materials in case of processing projects: How quantity and quality of inputs/ raw materials are assured.

### 3.2. Project Site/ Land details-RoR/ Ownership / Registration of lease/ map etc.

<b>A</b>	Name of Owner of land proposed for the project as per Land Revenue Records				
	Whether title of the land is clear in the name of applicant and is free from any litigation or is free from encumbrances.				
	How Title is derived	Ancestral			
		Purchased (with details of date)			
<b>B</b>	Name of the Owner in case of joint ownership	Survey/ Gat /khasra No etc.	Area in Sq.mt / Ha	Share	
	Whether land boundaries are demarcated for the applicant clearly.	Yes/No			
	Whether land is in possession of the Applicant	Yes/No			
<b>C</b>	In case of Partnership				
	1. Whether land is owned by Partnership firm or jointly by its partners		Yes/No		
	2. NOC: If land is owned by one of the partners, an undertaking by land owner is required stating that he/she will not withdraw, sale or transfer his/her land during currency period of the project				
	3. Whether land is in applicant's possession?		Yes/No		
<b>D</b>	In case of Lease				
	1. If the land is leased, Registration details of the said-leased land in the office of Sub-Registrar be submitted				
	2. No. of Years of lease				
	3. Whether lease is entered in RoR		Yes/No		
	4. Whether land is in applicant's possession?		Yes/No		
<b>E</b>	Whether land is mortgaged? If yes, provide details of mortgagor and mortgagee. Please also provide the value of the mortgaged land as fixed by the District Level Committee (DLC), and also the total loan liability of KCC & other loans on the mortgaged land.				

### 3.3. Location of the Project- Identification (Longitude, Latitude, Altitude, Village, GP, Block, District, State), Area, Number of growers.

1.	Location Address	
	a. Survey/Khasra/ Dag/ Other No	
	b. Habitation/ Village	
	c. Gram Panchayat / Urban body	

	d. Block / Urban body	
	e. Sub-Division	
	f. District	
	g. State /UT	
	Location Longitude, Latitude & Altitude	
	Total Area of land owned (ha)	
.	Total Area proposed for project (ha)	

### 3.4.Current use of land of proposed Project Area

Proposed Project			Current usage	
Survey / Dag etc. No	Nature of land Dry/ Irrigated/ Waste land	Area (ha)	Activity / Crop	Area (ha)

### 3.5.Existing infrastructure and assets possessed by the Applicant, please specify:

S. No.	Name of existing infrastructure and assets	Remarks

### 3.6.Lay out plan of the project, wherever applicable / Map of Farm / production/ Operations unit / project land showing project details and land boundary details

### 3.7.Conversion of Land Use (CLU), wherever applicable

Whether Land in possession of the applicant is with/ without approval for industrial use/Whether CLU permission for the project has been received from competent authority: If Yes- Please provide a copy of the same.

### 3.8.Component-wise project cost

Open field cultivation							
Scheme Component	Items	Sub- items	Capacity/ Area/ spacing/ size Etc.	Units/ Numbers	Cost		
Open field Cultivation	Cultivation Expenses	Planting material					
		Input cost (Labour, Manure & Fertilisers, pesticides etc.)					
		Others					
	Irrigation	Tube well/ bore well/ Open well (Nos.)					
		Cost of Pipeline from source of irrigation to production unit (Length, Size & Material)					
		Water harvesting structure / Water tank min. 300 microns					
		Non-lined ponds/tanks					
		Others					
		Drip / Sprinkler					
		Civil Infrastructure	Functional pack house				
	Store & Pump house (Area in sq.ft with size)						
	Labour room & godown (Area in Sq. ft with size)						
	Others						
	Farm Mechanization	Tractor up to 20 BHP					
		Power Tiller	HP				
		Equipment driven by Tractor/ Power Tiller					
		Mulch laying machine					
		Self-propelled hort. Machinery					

		Other tools and equipment as per Sub-Mission on Agriculture Mechanization (SMAM)			
		Others			
	Land Development	Soil leveling / Digging/Fencing etc.			
		Others, if any			
	Cost of Land, if newly purchased but not before one year from the date of sanction of Term loan (indicate year)				
	Support system for Grapes				
	Vermi Compost Unit				
	<ul style="list-style-type: none"> <li>• 1. Permanent Structure</li> <li>• 2. HDPE Vermi bed (12ft X 4ft X2 ft)</li> </ul>				
	Certification of Good Agricultural Practices (GAP) including infrastructure (Add-on component)				
	Plastic Mulching				
	Others				
	Grand Total				

### Protected Cultivation

Scheme	Component	Capacity/ Area/ Spacing/ size etc.	Units/ Number	cost	
Protected Cultivation	Protected Structure with Micro Irrigation <ul style="list-style-type: none"> <li>• Green house <ul style="list-style-type: none"> <li>○ Fan &amp; Pad</li> <li>○ Naturally ventilated-Tubular/wooden/Bamboo</li> </ul> </li> <li>• Shade net- Tubular/ wooden/ Bamboo</li> <li>• Plastic tunnel</li> <li>• Walk-in Tunnel</li> <li>• Anti-bird/Anti-hail nets</li> </ul>				
	Bed preparation in case of orchids and Rose, subject to conditions				
	Planting Material & Cultivation cost				
	Irrigation	Tube well/ bore well/ Open well (Nos.)			

		Cost of Pipeline from source of irrigation to Production unit (Length, Size & Material)			
		Water harvesting pond/ Water tank			
		Others			
	Infrastructure	Store & Pump house (Area in sq. ft with size)			
		Labour room & godown (Area in Sq. ft with size)			
		Others			
	Farm Mechanization	Tools and equipment as per SMAM			
	Land Development- Soil leveling / Digging/Fencing etc.				
	Cost of Land, if newly purchased but not before one year from the date of sanction of Term loan (indicate year)				
	Vermi Compost Unit				
	1. Permanent Structure				
	2. HDPE Vermi bed (12ft X 4ft X2 ft)				
	Certification of Good Agricultural Practices (GAP) including infrastructure (Add-on component)				
	Plastic Mulching (Add-on component)				
	Others				
	Grand Total				
<b>Post-Harvest Management</b>					
Scheme	Component		Capacity/ Area/ Spacing etc.	Units/ Number	cost
Integrated Post Harvest Management (PHM)	1. Integrated PHM				
	2. Pack House				
	3. Integrated Pack house				
	4. Pre-cooling unit				
	5. Cold Room (Staging)				
	6. Mobile Pre-cooling unit				
	7. Ripening Chamber				

	8. Primary Processing			
	9. Retail outlet (environmentally controlled)			
	10. Labour quarters/store			
	11. Others			

Note: Over all ceiling in project mode, with add-on components, will be applicable as indicated in NHB Scheme guidelines.

AC: Add-on component: Over and above the cost ceiling.

### 3.9. Proposed means of finance

(Rs. In Lakhs)

S.No	Item	Components			
1	Promoters share				
2	Bank/FI Term loan				
3	Un secured loan/VCA				
	Total				

### 3.10. Implementation schedule of the proposed activity

3.10.1. Proposed month for undertaking land development

3.10.2. Proposed month for plantation

3.10.3. Expected date /month of first commercial crop

3.10.4. Proposed date for start of unit in case of Processing and PHM

### 3.11. Backward and Forward linkages

1. Briefly explain as to how the produce will be consolidated (backward linkages) and marketed/exported (forward linkages)

2. How transportation of raw material and produce is planned?

### 3.12. Expected employment Generation per annum

No. of man days / Annum	
Permanent man power -Permanent (on rolls)	
Casual / Temporary	

## 4. Agro Climatic suitability-cum-Technical feasibility

### 5. Financial Viability

1. Project Cost
2. Means of finance
3. Key financial Indicators
4. Project financing covering broad financial parameters/key indicators

## 6. Land Development and Crop Husbandry

### 6.2. Land development

### 6.3. Farm Structures and Mechanization

6.3.1. Protected cultivation/structure (If applicable)

6.3.2. Farm Mechanization

### 6.4. Selection of Quality Planting Material

## 7. Post-Harvest Management

7.2. Post-harvest infrastructure – Integrated Post-harvest Management	
1. Integrated Pack house	
2. Pack House	
3. Pre-cooling unit	
4. Mobile Pre-cooling unit	
5. Cold Room (Staging)	
6. Ripening Chamber	
7. Primary Processing	
8. Reefer van	
9. Retail outlet (Environmentally controlled)	
10. Labour / Store room	

## 8. Marketing Tie-up

## 9. Value addition/Primary Processing

## 10. SWOT Analysis

1	Strengths	
2	Weaknesses	

3	Opportunities	
4	Threats	

**11. Innovation, if any**