

**1. NHB Credit Linked Back ended Schemes (No.1 and 2)**  
**SCHEME-1**

**1. Development of Commercial Horticulture through Production and Post Harvest Management of Horticulture Crops**

**1.1. Commercial Horticulture Development in open field conditions on project mode**

a) Activity (ies) allowed and Area norms:

National Horticulture Board will take up integrated commercial horticulture development projects in open field conditions on project mode , including components viz planting material, plantation, irrigation, fertigation, mechanization, precision farming, GAP etc. for projects covering area over 2.00 ha. (5 Acres). In case of NE Region, projects having area over 2.5 Acres are eligible.

Integration of production unit with on farm PHM components and primary processing unit shall also be allowed in project mode. Cost of raising new plantation will vary from crop to crop, which will be taken into consideration while providing assistance to the beneficiary. Integrated production unit on Mushroom and tissue culture shall also be eligible for assistance under this component. The components like farm machinery and PHM infrastructure, irrigation and micro irrigation etc shall be eligible under the scheme for assistance in existing/new orchards/projects to increase productivity.

b) Crop eligible: May please see from cost norms of Open field cultivation under NHB scheme.

c) **Pattern of assistance:** Credit linked back-ended subsidy @ 40% of the total project cost limited to Rs 30.00 lakh per project in general areas and @ 50% of project cost limited to Rs. 37.50 lakh in NE Region, Hilly States and scheduled areas.

1.1.(d).Maximum Project costs allowed for subsidy calculation.

S N	Item	Cost Norms*	Pattern of Assistance#
<b>A.</b>	<b>Development of Commercial Horticulture ##</b>		
A. 1	Commercial Horticulture Development in open field conditions, including components viz planting material, plantation, irrigation, fertigation, precision farming, GAP etc.	Rs. 75.00 lakh /per project (Rs 125.00 lakh for date palm, olive and saffron) for projects covering area over 2 ha.	Credit linked back ended subsidy @ 40% of project cost limited to Rs.30.00 lakh per project in general area and @ 50% of project cost limited to Rs. 37.50 lakh for NE Region, Hilly States and scheduled areas. Component-wise/crop-wise cost norms are given at table 1.1 (e). Add on component given in table 1.1(f) may be added in project mode within overall cost ceiling

1.1.(e).Cost norms for Open field cultivation under NHB Scheme:

Crop	Plant spacing (m)	No. of Plants/Acre	Planting material /Acre	Cost in Rs. per acre	
				Cost of input/ per acre with drip etc.	Overall ceiling in project mode with add on component
Almond	4.0 × 4.0	100	15000		150000
	3.0 × 3.0	177.76	26664		160000
Aonla	6.0 × 6.0	44.4	4003.2		125000
	4.0 × 5.0	80	7200		130000
	3.0 × 3.0	177.6	15984		170000
Apple	6.0 × 6.0	111.2	6672		150000
	4.0 × 4.0 (RS- MM 111)	250	15000		160000
	3.5x3.5 (RS- MM 111)	325.6	19536		175000
	3.0 × 3.0 (RS- MM 106)	444.4	26664		185000
	3.0 × 1.5 (RS- M9)	888.8	53328		200000
	2.5 × 2.5 (RS- MM 106)	640	38400		190000
	1.5 x 1.5 (RS- M9)	1777.6	106656		275000
Apricot	4.0 × 4.0	250	15000		160000
	3.5 × 3.5	326.4	19584		175000
Banana (Sucker)	2.0 × 2.0	1000	10000		125000
Banana (TC)	1.8 × 1.8	1234.4	20984.8		150000
	1.5 × 1.5	1777.6	30219.2		175000
Ber	6.0 × 6.0	111.2	3336		125000
	5.0 × 5.0	160	4800		125000
	4.0 × 4.0	250	7500		130000
Cherry	4.0 × 4.0	250	7500		125000
(a) Lime & Lemons	3.0 × 3.0	444.4	15998.4		200000
	4.0 × 4.5	222	7992		175000
(b) Mandarine /Orange	6.0 × 6.0	111.2	4003.2		175000
	5.0 × 5.0	160	5760		175000
	5.0 × 4.5	177.6	6393.6		175000
	4.5 × 4.5	197.6	7113.6		175000
	4.0 × 5.0	200	7200		175000
(c) Sweet orange	6.0 × 6.0	111.2	4003.2		175000
Custard apple	2.5 × 2.5	640	25600		150000
Fig	4.0 × 4.0	250	7500		150000
	2.5 × 2.5	640	19200		175000

Grapes	4.0 × 4.0	250	3750		320000
	3.0 × 3.0	444	6660		330000
	3.0 × 2.0	666.4	9996		350000
	1.8 x 1.8	1110.8	16662		355000
Guava	6.0 × 6.0	111.2	3336		125000
	3.0 × 6.0	222	6660		140000
	3.0 × 3.0	444.4	13332		150000
	1.5 x 3.0	888.8	26664		165000
	1.0 x 2.0	2000	60000		175000
Kiwi	6.0 × 6.0	111.2	2780		175000
	4.0 × 6.0	166.4	4160		200000
	4.0 × 5.0	200	5000		210000
	4.0 × 4.0	250	6250		220000
Litchi	10.0 x 10.0	40	2000		150000
	7.5 x 7.5	71.2	3560		155000
	6.0 x 6.0	111.2	5560		160000
	4.5 x 4.5 x 9.0	131.6	6580		165000
Mango	10.0 x 10.0	40	1800		150000
	5.0 × 5.0	160	7200		160000
	4.0 × 6.0	166.4	7488		165000
	3.0 × 6.0	222	9990		165000
	3.0 × 4.0	333.2	14994		175000
	2.5 × 2.5	640	28800		200000
Papaya	1.8 x 1.8	1110.8	16662		125000
	1.5 x 1.5	1777.6	26664		150000
Passion fruit	4.0 × 4.0	250	5000		250000
	3.0 × 3.0	444.4	8888		270000
	3.0 × 2.0	666.4	13328		250000
Peach	3 x 2.5	533.2	18662		150000
	2.5 x 2.5	640	22400		150000
Pear	5.0 × 5.0	200	6000		125000
	4.0 × 4.0	250	7500		130000
	3.0 × 3.0	444.4	13332		150000
Pineapple (Suck)	0.6 × 0.3	18000	54000		200000
Pineapple (TC)	0.6 × 0.3	18000	72000		225000
	0.3 × 0.6 × .9	17200	68800		200000
	.225 × .6 × .9	21200	84800		220000
Plum	3.5 x 3.5	326.4	13056		125000
	2.5 x 2.5	640	25600		150000
Pomegranate	5.0 × 5.0	160	6400		175000
	5.0 × 3.0	266.8	10672		185000
	4.0 × 3.0	266.4	10656		185000
Sapota	5.0 × 5.0	160	5760		150000
Strawberry	0.9 × 0.45	9876.4	49382		200000
	0.6 × 0.25	26666.4	133332		275000

	0.5 × 1.0	800	4000		175000
Walnut	6.0 × 6.0	111.2	16680		1500000
	5.0 × 5.0	160	24000		150000
Jack Fruit	10x10	40	600		125000
Cashewnut	Normal	85	5740		200000
Coconut	Normal	95	6650		150000
Olive	Normal	105	3150		150000
Date Palm	Normal	71	2840		150000
Black Pepper	Normal	880	2500		150000
Cardamom	Normal	2030	12180		230000
Citronella	Normal	11000	5500		125000
Giranium	Normal	11000	5500		125000
Stevia	Normal	28350	141000		300000
Palmarosa	Normal	11000	5500		125000
Mint *Kg	Normal	100	2000		150000
Celery	Normal		2500		125000
Tamarind	10 x 10	40	2000		125000

**Note:**

1. Wherever cost norms are not given, cost norms available under MIDH scheme for similar activity shall be followed. In case norms are not available under MIDH schemes also, cost appraised by bank as per bank norms or approved by Competent Committee of NHB shall apply.
2. In project mode, applicant may opt for add on components as per norms given in table 1.1. (f) but unless otherwise specified, cost ceiling, as prescribed for each crop/activity shall be applied where cost of add on components exceeds prescribed ceiling .

1.1.(f).Norms for Technology Add on components and other essential components of Integrated Commercial Horticulture projects

S. No.	Item	Description	Admissible Cost
	<b>Cutoff date for implementation</b>		
I	Cost of Land * #	Admissible only if purchased newly but not before one year from date of sanction of loan.	Actual or up to 10 % of Eligible Project Cost (EPC) (Excluding cost of Land and Development) whichever is less subject to maximum of Rs. 50,000/- per acre.
I(i)	Land Development * #	Includes cost of Land leveling, digging of pits, fencing, gates etc.	Actual or up to 15% of Eligible Project Cost (EPC) (Excluding cost of Land and Land Development) whichever is less subject to maximum of Rs. 50,000/- per acre.
II	Cultivation expenses * #	Includes cost of Planting material, cost of input (labour, fertilizer and manures, pesticides etc)	As per MIDH (NHM) cost norms as given at Appendix- 1
III	Drip system with internal pipeline	Component includes mainline, valve, backflow preventer pressure regulator, filter, tubing adapters and fittings, drip tubing, emitters and an end cap	<ul style="list-style-type: none"> <li>• Actual or Rs. 20,000/-per acre for plant density up to 200 plants</li> <li>• Actual or Rs. 25,000/- per acre for plant density &gt;200 plants/acre</li> <li>• Sprinkler @Rs. 15,000/per acre</li> </ul>
III(i)	Irrigation infrastructure excluding micro irrigation * #	Irrigation infrastructure like tube-well/bore well/open well, pipeline, water harvesting structure, water tank etc, admissible only if newly created with loan component	<ul style="list-style-type: none"> <li>• Actual or up to Rs. 50,000/- per acre for open field cultivation.</li> <li>• Rs. 4.00 lakh per project in case of protected cultivation.</li> </ul> <p>Component – wise cost norms will be as under :</p> <ol style="list-style-type: none"> <li>1. Tube-well – up to Rs. 2.50 lakh per unit</li> <li>2. Water harvesting structure- @ Rs. 100/- CuM with use of minimum 300 microns plastic films or RCC lining.</li> <li>3. Cost of non lined ponds/tanks will be 30% less.</li> <li>4. Pipe line-Rs 150/- per running meter only from source (min. 4” diameter) of irrigation to production unit</li> </ol>
IV	Horticulture Mechanization * # ##	<ul style="list-style-type: none"> <li>• Power/hydraulic operated machine/tools including small farms tractor with rotavator/equipments etc.</li> <li>• Machineries Identified by NHB under farm mechanization</li> </ul>	<ul style="list-style-type: none"> <li>• Tractor (up to 20 BHP) @Rs.3.00 lakh/unit</li> <li>• Power Tiller below 8 BHP @ Rs.1.00 lakh/unit</li> <li>• Power tiller 8 BHP &amp; Above @ Rs.1.50 lakh/unit</li> <li>• Tractor/Power Tiller (Below 20 BHP) driven equipments</li> <li>- Land development, tillage and seed bed</li> </ul>

		component may be considered for subsidy in standalone mode	<p>preparation equipments - @ Rs.0.30 lakh per unit</p> <ul style="list-style-type: none"> <li>- Sowing, planting reaping and digging equipments - @ Rs.0.30 Lakh per unit</li> <li>• Plastic mulch laying machine – Rs.0.70 Lakh per unit</li> <li>• Self-propelled Horticulture machinery - @ Rs.2.50 lakh per unit</li> <li>• Other tools and equipments as per norms as per norms of Sub Mission on Agriculture Mechanization (SMAM)</li> </ul>
V	Civil Infrastructure * #	Includes Functional Pack House/ On farm collection unit and labour quarter	<ol style="list-style-type: none"> <li>1. Functional Pack house @ Rs. 4.00 Lakh/unit with size of 9 x 6 Meter (Pro rate basis for lower size)</li> <li>2. Labour Quarter/ Store room @ Rs. 20,000/- per acre maximum up to 3.00 lakh . Cost norm as per pack house</li> </ol>
Vi	Vermi Compost unit * #	Permanent structure and HDPE vermibed	Rs.60,000/- per unit for permanent structure and Rs.10,000/- for HDPE vermibed (96 cft (12’x4’x2’ and IS 15907:2010 to be administered on prorated basis).
VII	Certification for Good Agriculture Practice (GAP), including infrastructure * ##		Rs.4000/- per acre.
VIII	Support system for Grapes (trellis, telephone, bawar and other system etc. *	Permanent structure made up of MS angles and stainless steel wire.	Rs. 1,50,000/- per acre
IX	Plastic Mulching * ##		Rs.12800/- per acre and Rs.14729/- acre for hilly states
X	Bed Preparation Cost in the cases requiring Soil replacement #	Protected Cultivation projects only in cases involving removal and replacement of top soil by red soil or cultivation is done on media/Pots/Concrete bed	Rs.100/- per Sq. m.

Components categorization:

\* Commercial Horticulture, within overall cost ceiling

# Protected Cultivation, within overall cost ceiling

## Over and above overall cost ceiling

Any other add on component as may be decided by Project Approval Committee for inclusion of new item(s) may be suitably incorporated from time to time.