

GOVERNMENT OF INDIA
MINISTRY OF AGRICULTURE & FARMERS WELFARE
DEPARTMENT OF AGRICULTURE, COOPERATION & FARMERS WELFARE
LOK SABHA
UNSTARRED QUESTION NO.2476
TO BE ANSWERED ON THE 09TH MARCH, 2021

FARMING OF EXOTIC FRUITS

2476. DR. ARVIND KUMAR SHARMA

Will the Minister of AGRICULTURE AND FARMERS WELFARE कृषि एवं किसान कल्याण मंत्री be pleased to state :-

- (a) whether the Government has planned or is planning to promote farming of exotic fruits like kiwis, red grapes, passion fruits and dragon fruits in the country itself, so as to reduce dependence on imports, help correct trade deficits and promote export of these fruits from India; and
- (b) if so, the details thereof and if not, the reasons therefor ?

ANSWER

MINISTER OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्री (SHRI NARENDRA SINGH TOMAR)

(a) & (b) : Yes, Government is promoting exotic fruits like Kiwis, Grapes including Red Grapes and Passion fruits through Centrally Sponsored Scheme, Mission for Integrated Development of Horticulture (MIDH) in the states by providing assistance for production of planting material, area expansion, rejuvenation/replacement of Senile Plantation, Canopy Management, Human Resource Development (HRD), Promotion of Integrated Nutrient Management & Integrated Pest Management, Creation of Infrastructure for Post Harvest Management and market infrastructures to reduce dependence on imports, to correct trade deficits and to promote export of these fruits from India. The cost norms and pattern of assistance is given in **Annexure- I.**

2. The details of area and production for these fruits are given in **Annexure-II.** However, fruits like Dragon fruit is also being promoted with the assistance from Mission for Integrated Development of Horticulture (MIDH) and through Rashtriya Krishi Vikas Yojna based on specific project submitted by State Governments.

Annexure-I**Cost Norms & Pattern of Assistance under Mission for Integrated Development of Horticulture**

S.No.	Items	Cost Norms	Pattern of Assistance
A.	Production of planting material		
	i) Hi-tech nursery (4 ha)	Rs. 25.00 lakh/ha.	100% to public sector limited to Rs 100 lakh/unit and in case of private sector, credit linked back-ended subsidy @ 40% of cost, subject to a maximum of Rs. 40 lakh/unit, for a maximum of 4 ha. as project based activity on prorata basis. Each nursery will produce a minimum of 50,000 numbers per hectare of mandated perennial fruit crops/ tree spices/ aromatic trees/plantation crops per year, duly certified for its quality.
	ii) Small Nursery (1 ha)	Rs. 15.00 lakh/ha	100% to public sector and in case of private sector, credit linked back-ended subsidy of cost, subject to a maximum of Rs. 7.50 lakh/unit, as project based activity. Each nursery will produce a minimum of 25,000 numbers of mandated perennial vegetatively propagated fruit plants/tree spices/plantation crops per year, aromatic plants, duly certified for its quality.
	iii) Upgrading nursery infrastructure to meet accreditation norms	Up to Rs. 10.00 lakh/ nursery of 4 ha	100% to public sector and 50% of cost to private sector subject to a maximum of Rs. 5.00 lakh/nursery. The infrastructure facilities will include establishment of hot bed sterilization of media, Working shed, Virus indexing facility (for citrus & apple), Hardening chamber/net house, Mist chamber, Establishment of Mother Block, Irrigation and fertigation facility/unit.

B.	Establishment of new gardens (Area expansion - for a maximum area of 4 ha Per beneficiary)		
	i) Grapes, Kiwi & Passion fruit etc.		
	a) Integrated package with drip irrigation and trellis.	Rs. 4.00 lakh/ha.	Maximum of Rs. 1.60 lakh/- per ha. (40% of cost) for meeting the expenditure on planting material and cost of material for drip irrigation, trellies and INM/IPM, in 3 installments of 60:20:20 subject to survival rate of 75% in 2nd year and 90% in 3rd year).
	b) Without integration	Rs. 1.25 lakh/ha	Maximum of Rs. 0.50 lakh/ha (40% of cost) for meeting the expenditure on planting material and cost of INM/IPM in three installments of 60:20:20 subject to survival rate of 75% in 2nd year and 90% in 3rd year. For (a) and (b) above, in the case of NE and Himalayan States, TSP areas, Andaman & Nicobar and Lakshadweep Islands, assistance will be @ 50% of cost.
B.1	Rejuvenation / replacement of senile plantation, canopy management	Rs. 40,000/ha	50% of the total cost subject to a maximum of Rs. 20,000/ha limited to two ha per beneficiary.
B.2	Promotion of Integrated Nutrient Management (INM) Integrated Pest Management (IPM)		
	i) Promotion of IPM/INM	Rs. 4000/ha	30% of cost subject to a maximum of Rs 1200/ha limited to 4.00 ha/ beneficiary.
B.3	Human Resource Development (HRD)		
	i) HRD for Supervisors & Entrepreneurs	Rs. 20.00 lakh/unit	100% of the cost in first year. In subsequent years, cost of infrastructure not to be claimed.
	ii) HRD for Gardeners	Rs. 15.00 lakh/unit	100% of the cost.
	iii) Training of farmers		
	a) Within the State	Rs. 1000/day per farmer including transport	100% of the cost.
	b) Outside the State	Project based as per actual.	100% of the cost.

	iv) Exposure visit of farmers		
	a) Outside the State	Project based as per actual.	100% of the cost.
	b) Outside India	Rs. 4.00 lakh / participant	Project Based. 100% of air/rail travel. Course fee cost to be funded under Mission Management.
	v) Training / study tour of technical staff/field functionaries		
	a) Within the State	Rs.300/day per participant plus TA/DA, as admissible	100% of the cost.
	b) Study tour to progressive States/units (group of minimum 5 participants)	Rs.800/day per participant plus TA/DA, as admissible	100% of the cost.
	c) Outside India	Rs. 6.00 lakh per participant	100% of air/rail travel and course fee cost to be funded under Mission Management.
C	INTEGRATED POST HARVEST MANAGEMENT		
C.1	Pack house	Rs. 4.00 lakh/unit with size of 9Mx6M	50% of the capital cost.
C.2	Integrated pack house with facilities for conveyer belt, sorting, grading units, washing, drying and weighing.	Rs. 50.00 lakh per unit with size of 9Mx18M	Credit linked back-ended subsidy @ 35% of the cost of project in general areas and 50% of cost in case Hilly & Scheduled areas for individual entrepreneurs.
C.3	Pre-cooling unit	Rs. 25.00 lakh / unit with capacity of 6 MT.	Credit linked back-ended subsidy @ 35% of the cost of project in general areas and 50% of cost in case Hilly & Scheduled areas for individual entrepreneurs.
C.4	Cold room (staging)	Rs. 15.00 lakh/ unit of 30 MT capacity	Credit linked back-ended subsidy @ 35% of the cost of project in general areas and 50% of cost in case Hilly & Scheduled areas, per beneficiary.
C.5	Mobile pre- cooling unit	Rs. 25.00 lakh	Credit linked back-ended subsidy @ 35% of the cost of project in general areas and 50% of cost in case Hilly & Scheduled areas, per beneficiary.
C.6	Cold Storage (Construction, Expansion and Modernisation)		
	i) Cold storage units Type 1 – basic mezzanine structure with large chamber (of >250 MT) type with single temperature zone	Rs. 8,000/MT, (max 5,000 MT capacity)	Credit linked back-ended subsidy @ 35% of the cost of project in general areas and 50% of cost in case Hilly & Scheduled areas, per beneficiary.
	ii) Cold Storage Unit Type 2 – PEB structure for multiple temperature and product use, more than 6 chambers (of < 250 MT) and basic material handling equipment.	Rs. 10,000/MT, (max 5,000 MT capacity)	Credit linked back-ended subsidy @ 35% of the cost of project in general areas and 50% of cost in case Hilly & Scheduled areas, per beneficiary.

	iii) Cold Storage Units Type 2 with add on technology for Controlled Atmosphere	Additional Rs. 10,000/MT for add on components of controlled atmosphere technology.	Credit linked back-ended subsidy @ 35% of the cost of project in general areas and 50% of cost in case Hilly & Scheduled areas, per beneficiary.
C.7	Technology induction and modernisation of cold-chain	Max Rs. 250.00 lakh for modernization of PLC equipment, packaging lines, dock levellers, advanced graders, alternate technologies, stacking systems, modernization of insulation and refrigeration, etc.	Credit linked back-ended subsidy @ 35% of the cost of project in general areas and 50% of cost in case Hilly & Scheduled areas, per beneficiary.
C.8	Refrigerated Transport vehicles	Rs. 26.00 lakh for 9 MT (NHM & HMNEH), and prorata basis for lesser capacity, but not below 4 MT.	Credit linked back-ended subsidy @ 35% of the cost of project in general areas and 50% of cost in case of Hilly & Scheduled areas, per beneficiary.
C.9	Primary / Mobile/ Minimal processing unit	Rs 25.00 lakh/unit	Credit linked back-ended subsidy @ 40% of the capital cost of project in general areas and 55% in case of Hilly & Scheduled areas.
C.10	Ripening chamber	Rs. 1.00 lakh/MT	Credit linked back-ended subsidy @ 35% of the capital cost of project in general areas and 50% in case of Hilly & Scheduled areas for a maximum of 300 MT per beneficiary.
D.	ESTABLISHMENT OF MARKETING INFRASTRUCTURE FOR HORTICULTURAL PRODUCE IN GOVT./PRIVATE/ COOPERATIVE SECTOR		
D.1	Terminal markets	Rs. 150.00 crore/ project	25% to 40% (limited to Rs.50.00 crore) as Public-PrivatePartnership mode through competitive bidding, in accordance with operational guidelines issued separately.
D.2	Wholesale markets	Rs.100.00 crore/ project	Credit linked back-ended subsidy @ 25% of the capital cost of project in general areas and 33.33% in case of Hilly & Scheduled areas, per beneficiary.
D.3	Rural Markets/Apni mandies/Direct markets	Rs. 25.00 lakh	Credit linked back-ended subsidy @ 40% of the capital cost of project in general areas and 55% in case of Hilly & Scheduled areas, per beneficiary.
D.4	Retail Markets / outlets (environmentally controlled)	Rs. 15.00 lakh/unit	Credit linked back-ended subsidy @ 35% of the capital cost of project in general areas and 50% in case of Hilly & Scheduled areas, per beneficiary.

D.5	Static/Mobile Vending cart/ platform with cool chamber.	Rs. 30,000/ unit	50% of total cost.
D.6	Functional Infrastructure for:		
	i) Collection, sorting/ grading, packing units etc.	Rs.15.00 lakh	Credit linked back-ended subsidy @ 40% of the capital cost of project in general areas and 55 % in case of Hilly & Scheduled areas, per beneficiary.
	ii) Quality control/ analysis lab	Rs. 200.00 lakh	100% of the total cost to public sector and 50% of cost to private sector as credit linked back ended subsidy.
D.7	Gravity operated rope way in hilly areas	Rs. 15.00 lakh/km	Credit linked back-ended subsidy @ 50% of capital costs in Hilly areas.
E.	FOOD PROCESSING		
	Food processing units	Rs. 800 lakh/unit	Credit linked back ended capital investment assistance of 50% of cost in the States of J&K, Himachal and Uttarakhand
F.	SPECIAL INTERVENTIONS		
F.1	Innovative interventions not covered under any GOI schemes	10% of outlay	50% of cost, based on project proposal.

Annexure-II

Area and Production of Exotic Fruits

Area in '000 Ha.
Production in '000 MT

Crops	2017-18		2018-19		2019-20	
	(Final)		(Final)		(2nd Advance Estimate)	
Fruits	Area	Production	Area	Production	Area	Production
Grapes	139	2920	140	3041	140	3125
Kiwi	4	12	5	13	5	13
Passion fruit	14	82	12	81	12	76