

GOVERNMENT OF INDIA
MINISTRY OF AGRICULTURE AND FARMERS WELFARE
DEPARTMENT OF AGRICULTURE AND FARMERS WELFARE

LOK SABHA
UNSTARRED QUESTION No. 1144
TO BE ANSWERED ON THE 8TH FEBRUARY, 2022

CULTIVATION OF BANANA

1144. SHRI OMPRAKASH BHUPALSINH ALIAS PAWAN RAJENIMBALKAR:
SHRI REBATI TRIPURA:
SHRI C.N. ANNADURAI:
DR. DNV SENTHILKUMAR. S.:
SHRI GAJANAN KIRTIKAR:
SHRI DHANUSH M. KUMAR:
SHRIMATI SUPRIYA SULE:
SHRIMATI MANJULATA MANDAL:
SHRI GAUTHAM SIGAMANI PON:
SHRI KULDEEP RAI SHARMA:
SHRI SUNIL DATTATRAY TATKARE:
DR. AMOL RAMSING KOLHE:
DR. SUBHASH RAMRAO BHAMRE:

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

(a) the total acreage of banana production in the country and the number of States which produce banana along with their production during each of the last three years and the current year, State-wise;

(b) whether banana farmers are constantly suffering financial loss due to drought and other calamities resulting in reduced production of banana and if so, the details thereof;

(c) whether any national level schemes/assistance/package have been chalked out by the Government to promote banana cultivation and if so, the details thereof alongwith the beneficiaries during the said period, State-wise/ UT-wise;

(d) whether the Government has received complaints that the amount provided under the schemes does not percolate down to the farmers, if so, the efforts made by the Government in this regard;

- (e) whether any co-ordination mechanism exists between the agriculture departments of the Union and States for monitoring these schemes, if so, the details thereof alongwith beneficiaries;
- (f) the number of Banana Research Centre functioning in the country along with financial allocation during the said period; and
- (g) the other measures taken by the Government to enhance the banana production so that the country could hold number one position in it?

ANSWER

THE MINISTER OF AGRICULTURE AND FARMERS WELFARE कृषि और किसान कल्याण मंत्री
(SHRI NARENDRA SINGH TOMAR)

(a): As per 3rd Advance Horticulture Estimates of 2020-21, the total acreage of banana production in the country is 9.23 Lakh Ha. The State-wise details of area and production of banana during last three years and the current year are given in Annexure I.

(b): The production of the banana in the country has been increased from 308.08Lakh Tonne in the year 20217-18 to 333.80Lakh Tonne in 2020-21 (3rd Advance Estimates). Generally, the banana growing farmers select the crop after assuring the water availability. However, in case of crop damage on account of unexpected large scale natural calamities, the Government provide compensation after assessing the financial loss suffered by the farmer.

(c): There is no specific and specialised programme for banana cultivation. However, general horticultural and other agricultural programme covering the banana crop and its development are Mission Of Integrated Development Of Horticulture (MIDH), One District One Product (ODOP), Prime Minister Krishi SinchayeeYojana (PMKSY), Pradhan Mantri Fasal Bima Yojana (PMFBY), Pradhan Mandtri Kisan Samman Nidhi (PM-KISAN), Agriculture Infrastructure Fund (AIF), Farmer Producer Organizations(FPO), Soil Health Card (SHC), Kisan Rail, Agricultural Technology Management Agency (ATMA), etc.

Under MIDH, for Banana (Sucker) and Banana (Tissue Culture), assistance is provided at rate of 40% of the maximum cost of Rs. 2.00 Lakh/Ha and Rs. 3.00 Lakh/Ha respectively, for meeting the expenditure on planting material, cost of drip system, Integrated Nutrient Management (INM)/ Integrated Pest Management (IPM), canopy management, etc. under integrated package with drip irrigation and without integration, assistance is provided at rate of

40% of the maximum cost of Rs. 0.87 Lakh/Ha for Banana (Sucker) and of Rs. 1.25 Lakh/Ha for Banana (Tissue Culture), for meeting the expenditure on planting material and cost of INM/IPM. In case of North East and Himalayan States, Tribal Sub-Plan (TSP) areas, Andaman & Nicobar and Lakshadweep Islands, assistance is provided at rate of 50% of cost.

Under MIDH credit linked assistance is also provided for establishment of Cold Storage, Ripening Chambers and Reefer transport vehicles for perishable horticulture crops including Banana. Assistance is also extended for setting up of market infrastructures, setting up static/mobile vending cart/ platform with cool chamber, for setting up functional infrastructures for collection, sorting /grading, packing etc. for preventing the losses and facilitating better marketing of the horticulture produce including banana. State-wise/ UT-wise details of beneficiaries are not compiled at present as the scheme is being implemented by the State Government.

- (d): State Government implements the scheme and as no such complaint has been received.
- (e): The schemes or development programmes sponsored jointly by the Central and State Government with sharing of budgetary support are being monitored by the respective State Government and coordinated by Central departments.
- (f): Details of National Research Centre on Banana under ICAR is in Annexure-II.
- (g): Although India account for 15.5% area, its contribution is 25.58% in world production. Lot of efforts have been undertaken by the ICAR-National Research Centre on Banana (NRCB) especially ensuring the supply of quality, virus free and true to type Tissue Culture (TC) banana plants by testing against viruses and ensuring the true to type / genetic fidelity. The centre has developed advanced technologies for enhancing the productivity such as water and fertilizer management for increasing the productivity. Integrated pest and disease management developed by the centre are being used by the farmers. The technologies developed are tested under multilocation in different states for the better adoption and the centre has developed and released high yielding and climate resilient varieties which are increasingly being grown by the farmers. The centre has developed value added products and also developed an export protocol for shipping via sea to reduce the cost of transport for Nendran, Red banana and Grand Nain banana to Middle East and European countries that resulted in area expansion and increased productivity. The subsidy is being given by the state and central governments for TC banana plants and inputs such as drip irrigation system.

Annexure-I

Annexure-I referred in reply to part (a) of Lok Sabha Question No.1144 on Cultivation of Banana due for answer on 08.02.2022

State-wise Area and Production of Banana Crop

A: in '000 Ha , P: in '000 Tonne

STATES/UTs	2017-18		2018-19		2019-20		2020-21 (3rd Advance Estimates)	
	A	P	A	P	A	P	A	P
ANDHRA PRADESH	89.0	5003.1	103.7	5601.3	97.7	5861.7	108.1	6485.0
MAHARASHTRA	80.9	4209.3	68.4	3562.4	76.9	4153.6	83.2	4628.9
GUJARAT	68.1	4472.3	70.2	4610.6	69.5	4627.5	59.2	3904.4
TAMIL NADU	82.6	3205.0	85.0	3153.5	92.4	3986.7	97.8	3782.7
UTTAR PRADESH	69.4	3172.3	70.5	3222.6	72.6	3332.1	73.8	3387.5
KARNATAKA	110.5	2328.9	86.3	2146.7	101.8	2613.8	108.3	2789.4
MADHYA PRADESH	26.4	1834.0	26.5	1853.0	26.6	1847.6	27.0	1857.6
BIHAR	31.1	1396.4	34.3	1591.6	35.0	1370.5	35.0	1596.6
WEST BENGAL	49.3	1200.0	50.2	1223.3	50.5	1132.6	51.6	1116.4
ASSAM	53.1	913.3	51.1	917.8	49.4	906.7	57.8	1096.2
KERALA	109.3	1119.2	109.1	807.2	116.9	955.3	114.2	904.3
CHHATISGARH	26.6	745.8	26.0	615.0	25.8	602.7	24.9	591.2
ODISHA	24.2	449.8	22.3	408.7	22.7	483.2	23.6	502.8
MIZORAM	11.2	143.8	11.2	143.8	11.4	140.5	11.4	140.5
TRIPURA	10.3	109.4	10.6	109.5	10.7	110.2	10.7	111.1
TELANGANA	2.3	90.0	2.3	108.5	2.3	91.0	2.2	100.1
MEGHALAYA	7.4	96.9	7.3	94.7	7.3	94.9	7.3	95.0
MANIPUR	6.9	93.5	6.6	91.4	6.5	91.8	6.2	88.5
NAGALAND	8.3	117.0	6.9	87.0	6.9	87.4	6.9	87.1
JHARKHAND	9.2	32.1	9.2	32.8	5.6	31.1	5.7	33.4
ARUNACHAL PRADESH	2.2	14.1	2.2	14.0	2.2	14.0	2.2	14.0
PUNJAB	0.1	5.3	0.1	5.4	0.1	5.7	0.1	9.1
SIKKIM	1.3	3.7	1.3	3.8	1.3	3.8	1.3	5.5
RAJASTHAN	0.0	0.7	0.0	0.7	0.0	0.3	0.0	0.4
HIMACHAL PRADESH	0.1	0.4	0.1	0.2	0.1	0.2	0.1	0.2
OTHERS	4.1	51.3	4.9	54.2	4.7	51.9	4.4	51.6
Total	883.8	30807.5	866.3	30459.7	896.8	32596.9	922.9	33379.4

Annexure-II

Annexure-II referred in reply to part (f) of Lok Sabha Question No.1144 on Cultivation of Banana due for answer on 08.02.2022

Actual financial allocation for ICAR NRCB in the last four years

(Rs. in Lakhs)

Heads	2017-18	2018-19	2019-20	2020-21	Total
I. Grant in Aid Capital					
ONEH	-	66.00	136.00	7.00	209.00
NEH	-	-	-	-	-
TSP	-	-	-	1.00	1.00
SCSP	-	5.00	-	5.00	10.00
Total ICAR Share (I)	-	71.00	136.00	13.00	220.00
II. Grant in Aid Salary	-	66.00	136.00	7.00	209.00
ONEH	-	-	-		-
NEH	-	-	-		-
TSP	-	-	-		-
SCSP	-	-	-		-
Total ICAR Share (II)	-	-	-	-	-
III. Grant in Aid General					
ONEH	438.00	373.00	310.00	350.00	1,471.00
NEH	-	-	-	-	-
TSP	-	-	-	-	-
SCSP	-	80.00	29.00	51.00	160.00
Total ICAR Share (III)	438.00	453.00	339.00	401.00	1,631.00
Grand Total (ICAR) (I+II+III)	438.00	524.00	475.00	414.00	1,851.00
