

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

LOK SABHA
UNSTARRED QUESTION NO.1533
TO BE ANSWERED ON THE 25TH JULY, 2017

PRODUCTION OF SPICES

1533. SHRI RAYAPATI SAMBASIVA RAO:
SHRI KESINENI NANI:

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

- (a) the details of the production of various spices in the country during each of the last five years and the current year, State-wise including Andhra Pradesh;
- (b) the details of the area under spice cultivation in India over the last five years, State-wise;
- (c) the details of the export figures of spices from India during the last five years along with the India's share in the world spice production and exports;
- (d) the details of the specific schemes and assistance provided by the Government for spice production given to various States including Andhra Pradesh over the last five years; and
- (e) whether the Government is considering for introduction of innovative methods to give much needed fillip for export of spices, if so, the details thereof and if not, the manner in which the Government is helping small and marginal spice growing farmers in the country including Andhra Pradesh?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्रालय में राज्य मंत्री (SHRI PARSHOTTAM RUPALA)

- (a): The details of production of various spices in the country during each of the last five years and the current year, state wise including Andhra Pradesh is at **Annexure-I**.
- (b): The details of the area under spice cultivation in India over the last five years, state wise is at **Annexure-II**.
- (c): The details of export of spices from India during the last five years is as under:-

year	QTY(TON)	VALUE(RS CR)
2012-13	932592	15177
2013-14	895915	15146
2014-15	939008	14848
2015-16	831681	16630
2016-17	1019345	19442

Source:-DGCIS, M/o Commerce & Industry

Contd...2/-

As per the estimate provided by Spices Board under Ministry of Commerce & Industry, India's share in the world spice export is 48% in volume and 43% in value. Based on the estimates of production of various spices available in FAO, it is estimated that about 25% of the total world spices production is contributed by India.

(d): The Government of India is implementing Mission for Integrated Development of Horticulture (MIDH) for enhancing production and productivity of horticultural crops including spices. Under the Mission, development programmes are being implemented wherein financial assistance is provided to the producers of spices. The mission programmes are aimed at; increasing production, productivity and quality of the produce to meet the growing demand in domestic as well as export market. Major among them are: area expansion (establishment of new garden), production and distribution of quality seeds, Integrated Pest and Disease Management / Integrated Nutrient Management, organic farming, mechanization, Integrated Post-harvest Management, Human Resource Development etc. These programmes are mainly implemented in states through respective State Horticulture Missions.

The various development programmes and the pattern of assistance provided under MIDH are given at **Annexure-III**.

(e): The Government of India is implementing the following innovative methods through Spices Board to give much needed fillip for exports.

- Spices Board is establishing common infrastructure facilities (Spices Parks) for cleaning, grading, processing, packing, storing facilities, primarily to empower the spices farmers through value addition and quality improvement of spices, along with backward linkage in various parts of the country.
- Spices Board is promoting formation of Spices Producers Societies (SPS) and Spices Farmers Producers Companies (SFPC) for aggregation and establishment of common processing and value addition facilities in the growing areas ensuring the quality of produce and thereby realizing better price to the growers.
- In order to check the quality of spices and spice products for exports, Board has established quality evaluation and testing laboratories with state of the art technology at Cochin, Mumbai, Guntur, Chennai,
- Delhi, Tuticorin and Kandla. Establishment of a Quality Evaluation Laboratory at Kolkota is in progress to cater to the testing needs of stakeholders in Eastern and North Eastern Region.
- The Board is implementing mandatory sampling and testing of the spices export consignments to ensure the quality specifications of importing countries.
- The Board is regularly conducting Quality Improvement Training Programmes for the spices farmers / farmers groups, officials of State Agriculture / Horticulture Department, members of Non-Govt Organizations, Traders, Exporters, etc across the country to create awareness on the updated quality requirements of spices by the importing countries and quality improvement practices to be adopted by the stakeholders to meet the specifications of importing countries.
- The Board is implementing E-Spice Bazaar project, a new initiative to develop a digital platform to cater the needs of the spices farmers, in the states of Andhra Pradesh and Telangana for chillies and turmeric in association with Dept of Electronics and Information Technology.

Annexure-I**Statewise Production of Spices in India**

(In '000 Tonnes)

STATE/UTs	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17 (Provisional)
ANDHRA PRADESH	1129.31	1187.68	775.82	918.01	766.16	1050.3
ARUNACHAL PRADESH	61.60	64.27	64.27	64.27	68.72	68.7
ASSAM	261.56	287.50	279.14	321.03	333.69	291.3
BIHAR	12.54	12.54	12.54	12.54	12.54	10.6
CHHATTISGARH	8.32	15.37	8.30	11.65	11.85	12.3
GUJARAT	882.14	882.14	848.48	1019.96	1077.57	868.1
HARYANA	61.69	82.82	82.82	82.82	82.82	77.8
HIMACHAL PRADESH	19.26	10.26	14.16	22.29	24.93	25.5
JAMMU & KASHMIR	1.08	1.07	1.07	1.07	0.96	1
KARNATAKA	502.46	369.85	333.83	345.52	387.62	399.5
KERALA	112.80	128.86	114.06	140.23	128.4	140.7
MADHYA PRADESH	461.17	461.17	454.17	699.12	710.9	690.8
MAHARASHTRA	106.47	109.04	109.04	130.09	416.2	371.8
MANIPUR	24.14	24.14	24.14	24.14	24.14	24.1
MEGHALAYA	74.82	74.81	83.88	83.88	90.26	92.2
MIZORAM	114.98	59.62	59.62	65.72	68.89	97.1
NAGALAND	39.17	39.16	39.16	39.16	119.25	109.3
ORISSA	187.50	181.50	181.50	181.5	181.5	181
PUNJAB	68.21	68.21	70.92	91.52	98.88	98.9
RAJASTHAN	871.64	860.89	674.84	618.32	1056.17	937.6
SIKKIM	54.41	60.08	55.80	61.14	64.78	66.6
TAMILNADU	426.38	279.61	554.52	187.91	212.51	192.5
TELANGANA			551.47	493.93	443.41	623.9
TRIPURA	18.04	18.04	18.04	18.04	18.04	18.1
UTTAR PRADESH	201.97	212.32	244.02	221.71	217.67	227.5
UTTRANCHAL	38.77	41.08	41.08	41.08	36.89	36.8
WEST BENGAL	207.70	207.66	207.72	207.78	329.9	356.6
Others	3.33	3.83	3.88	3.85	3.821	6.7
TOTAL	5951.46	5743.52	5908.29	6108.28	6988.47	7077.30

Source: Horticulture Statistics Division, DAC&FW

Statewise Area under Spice Cultivation in India

(In '000 Ha)

STATE/UTs	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17 (Provisional)
ANDHRA PRADESH	292.82	312.62	169.36	200.667	212.743	267.5
ARUNACHAL PRADESH	10.05	10.17	10.17	10.17	11.44	11.5
ASSAM	93.05	96.66	93.08	98.597	100.528	120
BIHAR	13.01	13.01	13.01	13.01	13.01	8.9
CHHATTISGARH	11.67	12.31	11.80	11.689	11.749	12.1
GUJARAT	551.67	551.68	541.82	608.858	508.739	502.3
HARYANA	12.80	16.13	16.13	16.125	16.125	17
HIMACHAL PRADESH	4.77	7.30	8.43	7.391	7.9	8.1
JAMMU & KASHMIR	4.15	4.14	4.94	4.944	4.921	4.9
KARNATAKA	265.12	213.75	191.79	206.507	215.957	225.5
KERALA	254.55	170.01	166.96	167.29	166.815	166.7
MADHYA PRADESH	299.91	299.91	284.91	340.205	366.042	435.8
MAHARASHTRA	116.52	120.76	120.76	123.24	128.7	41.7
MANIPUR	10.47	10.47	10.47	10.47	10.47	10.5
MEGHALAYA	16.84	16.85	17.50	17.502	18.371	18.5
MIZORAM	20.65	22.47	22.47	23.3	24.567	24.8
NAGALAND	9.77	9.77	9.77	9.77	14.995	15
ORISSA	123.92	123.92	123.32	123.324	123.324	112.9
PUNJAB	18.37	18.37	19.13	21.34	31.33	31.4
RAJASTHAN	730.51	720.64	819.51	866.86	1014.55	970.6
SIKKIM	24.38	26.56	32.06	34.08	29.46	32.3
TAMILNADU	157.33	124.39	166.00	107.504	113.112	107.6
TELANGANA			134.18	122.356	128.888	177.4
TRIPURA	5.68	5.69	5.69	5.69	5.69	5.7
UTTAR PRADESH	58.29	60.18	61.66	58.044	58.594	60.6
UTTRANCHAL	6.60	8.09	8.09	8.085	14.545	14.6
WEST BENGAL	97.12	97.56	97.56	97.56	118.253	128.1
Others	2.47	2.50	2.68	2.71	2.716	3.4
TOTAL	3212.47	3075.90	3163.24	3317.28	3473.53	3535.40

Source: Horticulture Statistics Division, DAC&FW

Various Development Programmes and the Pattern of Assistance Provided under Mission for Integrated Development of Horticulture (MIDH)

	Programme	Rate of assistance
I.	Production of planting materials	
	1.Hitech Nursery	Rs 25 lakh/ha. 100% cost for public sector. For 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.
	2.Small Nursery	Rs 15 lakh/ha. 100% cost for public sector. For private sector, credit linked back -ended subsidy, subject to a maximum of Rs 7.5 lakh/unit.
	3.Seed production of vegetable and spices	Rs 35000/ha. 100% to public sector. For private sector 35% in general areas and 50% in North-East and Himalayan States.
	4.Seed infrastructure for handling, processing, packing, storage etc of seeds meant for uses as seed material for cultivation of horticulture crops	Rs 200 lakh. 100% cost to public sector. For private sector, 50% cost of project as credit-linked back subsidy.
II.	Establishment of new gardens (area expansion – for a maximum area of 4 ha per beneficiary)	
	1.Seed spices and rhizomatic spices	Rs 12000/ha (40% of total cost of Rs 30000/ha) for meeting expenditure on planting material and cost for material for INM/IPM etc . For NE & H, TSP and A&N Islands assistance will be 50% of the total cost.
	2.Perennial Spices (black pepper, cinnamon, clove and nutmeg)	Maximum of Rs 20000/ha (40% of total cost of Rs 50000) for meeting expenditure on planting material and cost for material for INM/IPM etc. For NE & H, TSP and A&N Islands assistance will be 50% of the cost.
	3. Rejuvenation / replacement of senile plantation, canopy management.	50% of the total cost of Rs 40000/ha subject to a maximum of Rs 20000/ha. Limited to 2 ha per beneficiary.
III.	Promotion of INM/IPM	Maximum Rs 1200/ha. (30% of the total cost of Rs 4000). Limited to 4 ha per beneficiary.
IV.	Organic farming	
	1.Adoption of organic farming	Rs 10000/ha (50% of cost of the total cost of Rs 20000/ha) for a maximum area of 4 ha per beneficiary, spread over a period of 3 years involving an assistance of Rs.4000/- in first year and Rs.3000/- each in second & third year. The programme to be linked with certification.

	2.Organic Certification	Project based. Rs. 5 lakh for a cluster of 50 ha which will include Rs.1.50 lakh in first year, Rs. 1.50 lakh in second year and Rs. 2.00 lakh in third year.
	3.Vermi compost Units/ organic input production	Rs.100,000/ unit for permanent structure and Rs. 16,000/unit for HDPE Vermibed. 50% of cost conforming to the size of the unit of 30'x8'x2.5' dimension of permanent structure to be administered on pro-rata basis. For HDPE Vermibed, 50% of cost conforming to the size of 96 cft (12'x4'x2') and IS 15907:2010 to be administered on pro-rata basis.
V.	Technology dissemination through frontline demonstration	Rs 25 lakhs. 75 % of cost in farmers field and 100% of cost in farms belonging to Public Sector, SAUs etc.
VI.	Human Resource Development	
	1.Training of farmers – Within the state	Rs 1000/day per farmer including transport
	2.Training of farmers – Outside the state	Project based
	3.Exposure visit of farmers – Outside the state.	Project based
	4.Exposure visit of farmers – Outside India	Rs 4 lakh/participant. Project based. 100% of air or rail travel. Course fee to be funded under mission management.
