

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

LOK SABHA  
UNSTARRED QUESTION NO. 1086  
TO BE ANSWERED ON THE 13<sup>TH</sup> DECEMBER, 2022

USE OF BIO-FERTILIZERS

1086. SHRI KANAKMAL KATARA:

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

- (a) the funds allocated under various schemes to promote the use of bio-fertilizers across the country, State-wise including Rajasthan;
- (b) the details of the production of major crops achieved during the last three years using bio-fertilizers *vis-a-vis* chemical fertilizers in the country, State-wise; and
- (c) the steps taken by the Government to popularize the use of bio-fertilizers among the farmers in the country?

ANSWER

MINISTER OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्री (SHRI NARENDRA SINGH TOMAR)

(a) & (b): Under the Soil Health & Fertility component of RKVY, bio-fertilizers are promoted through provisions of financial assistance for strengthening of infrastructure for production and quality control. The scheme is proposal driven and assistance is granted on the basis of proposals submitted by states for setting up Bio-fertilizers Unit and Bio/Organic fertilizer Quality Control lab.

The State-wise consolidated financial assistance given since 2014-15 for establishment of Bio-fertilizers Unit and Bio/Organic fertilizer Quality Control lab in the country under Soil Health & Fertility of RKVY is given at **Annexure-I**

Indian Council of Agricultural Research (ICAR) has developed improved and efficient strains of bio-fertilizers specific to different crops and soil types under All India Network Project (AINP) on Soil Biodiversity-Bio-fertilizers and has also developed Liquid bio-fertilizer technology with higher shelf-life. ICAR has informed that Bio-fertilizers can improve crop yields by 10-25% and supplement costly chemical fertilizers (N, P) by nearly 20-25% in most of the cases when used along with chemical fertilizers.

(c): Bio-fertilizers are promoted through Integrated Nutrient Management (INM) and are made integral part of package of practices developed by ICAR and State Agriculture Universities. The ICAR also imparts training to educate farmers on use of bio-fertilizers.

Under Paramparagat Krishi Vikash Yojana (PKVY), farmers are provided financial assistance of Rs 31000/ ha for 3 years through DBT for on-farm and off-farm organic inputs including bio-fertilizer. Under Mission Organic Value Chain Development for North Eastern Region (MOVCDNER), financial assistance @ Rs 32500/ ha for 3 years is provided to farmers for off farm /on –farm organic inputs including bio-fertilizer. Moreover, under National Food Security Mission (NFSM), provision has been made to provide assistance for supply of Bio-Fertilizer @ Rs.300 /ha or 50% of the cost whichever is less.

Further, National Centre of Organic and Natural Farming (NCNOF), organizes various Trainings and awareness programs for farmers and various other stakeholders to promote organic and natural farming including educating them about the use of bio-fertilizers in their fields. NCONF has developed literature on use of bio-fertilizers which is distributed to farmers and other stakeholders during exhibitions, Krishi Melas' and other events organized for promotion of organic and natural farming activities.

## Annexure – I

**State-wise consolidated financial assistance given since 2014-15 for establishment of Bio-fertilizers Unit and Bio/Organic fertilizer Quality Control lab in the country under Soil Health & Fertility of RKVY**

(Rs. In lakh)

S. No	State	Bio-fertilizer Production Units	Bio/ Organic-fertilizer Quality Control Lab
1	Arunachal Pradesh	36.00	19.13
2	Assam	23.43	89.25
3	Chhattisgarh	48.00	76.50
4	Haryana	92.16	-
5	Meghalaya	108.00	-
6	Nagaland	504.00	95.63
7	Sikkim	144.00	76.50
8	Tamil Nadu	144.00	76.50
9	Telangana	144.00	76.50
10	Tripura	108.00	-
11	Uttar Pradesh	160.00	-
12	Andhra Pradesh	-	76.50
13	Gujarat	-	38.25
14	J & K	-	76.50
15	Jharkhand	-	38.25
16	Puducherry	-	50.00
17	Punjab	-	11.25
18	West Bengal	-	63.75
	<b>Total</b>	<b>1511.59</b>	<b>864.51</b>

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