

**GOVERNMENT OF INDIA  
AGRICULTURE  
LOK SABHA**

UNSTARRED QUESTION NO:2827

ANSWERED ON:12.12.2005

USE OF BIO FERTILIZERS

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**Will the Minister of AGRICULTURE be pleased to state:**

- (a) whether the Government has increased the use of Bio Fertilizers with adoption of Integrated Nutrient Management Concept;
- (b) if so, the details in this regard;
- (c) the number of Bio Fertilizer Production Units operating in the country alongwith their installed capacity as on date, State-wise;
- (d) the details of the actual production of each of such units during each of the last three years and thereafter till-date; and
- (e) the details of the existing monitoring mechanism to keep a check on quality of Bio Fertilizers being sold in the country?

**Answer**

MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND MINISTER OF STATE IN THE MINISTRY OF CONSUMER AFFAIRS, FOOD & PUBLIC DISTRIBUTION (DR. AKHILESH PRASAD SINGH)

(a)&(b): Yes, Sir. The use of Bio Fertilizers has increased from 2,371.80 MT per annum during 1992-93 to 10,594.90 MT during 2004-05 after adoption of Integrated Nutrient Management.

(c)&(d): At present there are 151 Bio Fertilizer Production Units in the country with installed capacity of about 18200 MT per annum. The Bio Fertilizer production was 9,064.79 MT, 9,753.98 MT and 10,594.90 MT during 2002-03, 2003-04 and 2004-05 respectively. The state-wise number of production units is given at annexure.

(e): The Bureau of Indian Standards (BIS) have notified specifications for Bio Fertilizers namely Rhizobium, Azotobactor, Azospirillum and Phosphate Solubilising Bacterial Inoculant (PSBI). The National Centre of Organic Farming, Ghaziabad and its Regional Centres at Hissar, Jabalpur, Nagpur, Bangalore, Bhubneswar and Imphal perform quality test of different Bio Fertilizer samples received through State Departments of Agriculture.

**ANNEXURE**

Details of State-wise Biofertilizer Production facilities created by GOI & Others

GOI      financed units      Other Units

State      No. of Capacity      No. of Capacity  
            units (tonnes)      units (tonnes)

Andhra Pradesh	3 225	6 660
Arunachal Pradesh	1 75	- -
Assam	3 450	2 290
Bihar	3 300	- -
Delhi	- -	2 80
Gujarat	3 600	1 150
Haryana	1 75	1 130
Himachal Pradesh	1 75	- -
Karnataka	9 1050	8 1160
Kerala	3 300	3 275
Madhya Pradesh	4 600	8 1200
Maharashtra	17 2250	12 1740
Meghalaya	1 75	- -
Mizoram	1 75	- -
Nagaland	1 150	- -
Orissa	3 375	7 840
Rajasthan	2 225	5 750
Pondicherry	1 75	2 145
Punjab	- -	1 40

Uttar Pradesh	4 225	4 540
Tamil Nadu	7 600	10 1320
West Bengal	3 225	8 855
Total	71 8025	80 10175

Total Biofertilizer production capacity of GOI & Other Units -  $8025+10175=18200$  Tonnes

Total estimated Biofertilizer production by GOI & Other Units - 10000 Tonnes