

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

LOK SABHA
UNSTARRED QUESTION NO. 3831
TO BE ANSWERED ON 21ST DECEMBER, 2021

TESTING OF SEEDS AND FERTILIZERS

3831. SHRI RAJESHBHAI CHUDASAMA:

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

- (a) the number of institutes for testing of seeds and fertilizers in the country along with the details thereof;
- (b) the total amount spent on the said institutes during the last three years along with the total testing work carried out by them;
- (c) whether several problems are being faced in testing of specimen in the said institutes due to shortage of sufficient staff and equipments; and
- (d) if so, the corrective steps taken by the Government in this regard and the target fixed for specimen testing by the said institutes during last three years and the current year?

ANSWER

MINISTER OF AGRICULTURE AND FARMERS' WELFARE
कृषि और किसानकल्याण मंत्री (SHRI NARENDRA SINGH TOMAR)

(a). The 167 notified seed testing laboratories are working across the Country. The National Seed Research & Training Centre (NSRTC) Varanasi (Uttar Pradesh) under the Department of Agriculture and Farmers' Welfare is working as Central Seed Testing Laboratory which analyse 5% seeds samples received from various notified Seed Testing laboratories to make uniformity in seed testing. Besides, NSRTC is also working as referral seed testing laboratory for the court referred seed samples. The details of notified Seed Testing laboratories are at Annexure-I.

There are 83 notified fertilizer quality control laboratories working in the Country with analysing capacity of 190100 samples per annum. Out of 83 laboratories, 4 laboratories are under the Ministry of Agriculture and Farmers' Welfare and remaining 79 laboratories are notified in different States. The details of State wise number of fertilizer laboratories and number of fertilizer samples analysed are at Annexure-II.

(b). The Department of Agriculture & Farmers' Welfare provides financial assistance for strengthening of notified seed testing laboratories under Sub-Mission on Seeds & Planting Material. An amount of Rs. 17.59 Crore has been released to the States/ implementing agencies for strengthening of Seed Testing Laboratories during last three years.

In addition to this, the details of amount spent and numbers of seed samples tested in the Central Seed Testing Laboratory, NSRTC, Varanasi (Uttar Pradesh) under the Ministry of Agriculture and Farmers' Welfare during last three years is as under:

S. No.	Year	No. of seed samples tested	Expenditure (Rs. in Crore)
1.	2018-19	19812	4.24
2.	2019-20	20334	2.35
3.	2020-21	20611	2.12

The total amount spent on 4 fertilizer quality control laboratories under the Ministry of Agriculture and Farmers' Welfare during last three years is as under:

S. No.	Year	Expenditure (Rs. in Crore)
1.	2018-19	7.25
2.	2019-20	5.97
3.	2020-21	4.94

(c) &(d). No specific problem has been reported by the States due to shortage of staff. There are no targets fixed by the Govt. of India.

**Lok Sabha Unstarred Question No.3831 due for answer on 21.12.2021 raised by
Shri Rajeshbhai Chudasama regarding Testing of Seeds and Fertilizers**

Annexure-I

Details of State wise Seed Testing and DNA Laboratories

S. No.	Name of State	Name of Seed Testing Laboratory
1.	Andhra Pradesh	1. Guntur
		2. Kadapa
		3.Tadapaligudam(Eluru)
		4.Yammiganur
	Sub Total	4
2.	Arunanchal Pradesh	5.Naharlagun
	Sub Total	1
3.	Assam	6.Banganigaon
		7.Guwahati
		8. Jorhat
		9.Silchar
	Sub Total	4
4.	Bihar	10.Bhabhua (Kaimur)
		11.Bhagalpur
		12.Darbhanga
		13.Motihari
		14.Muzaffarpur
		15.Patna
		16.Saharsa
	Sub Total	7
5.	Chhattisgarh	17. Raipur
		18.Bilaspur
	Sub Total	2
6.	Delhi	19.Barawala
	Sub Total	1
7.	Goa	20. Old Goa
	Sub Total	1
8.	Gujarat	21.Ahamadabad
		22.Gandhinagar
		23. Junagarh
		24. Navsari
	Sub Total	4
9.	Haryana	25.Panchkula
		26.Rohtak
		27.Sirsa
		28.Uchani (Karnal)
	Sub Total	4
10.	H.P.	29. Mandi
		30. Palampur
		31. Shimla
		32. Solan
	Sub Total	4
11.	J & K	33. Jammu
		34. Srinagar
	Sub Total	2
12.	Jharkhand	35.Dumka
		36.Jamshedpur

		37.Ranchi
		38.Sahabganj
	Sub Total	4
13.	Karnataka	39.Davanagere
		40.Gangavathi
		41.Dharwad
		42.Hebbal
		43.Raichur
		44.Dharwad
		45.Hebbal
	Sub Total	7
14.	Kerala	46.Allapuzha
		47. Pattambi
		48.Thiruvananthapuram
	Sub Total	3
15.	M.P.	49. Bhopal
		50. Indore
		51. Jabalpur
		52. Ujjain
		53. Bhopal
		54. Gwalior
		55. Hosangabad
		56. Indore
		57. Jabalpur
		58. Sagar
		59. Ujjain
		60. Rewa
		61. Shadol
	Sub Total	13
16.	Maharastra	62.Akola
		63.Aurangabad
		64.Nagpur
		65.Parbhani
		66. Pune
		67. Jalna
	Sub Total	6
17.	Manipur	68. Imphal
	Sub Total	1
18.	Meghalaya	69. Shillong
	Sub Total	1
19.	Mizoram	70. Aizawal
	Sub Total	1
20	Nagaland	71. Dimapur
	Sub Total	1
21.	Odisha	72.Balasore
		73.Barchana
		74.Bargarh
		75. Bhawanipatna
		76.Bhubneshwar
		77. Rayagada
		78. Sambalpur
		79.Samatarapur
	Sub Total	8
22.	Puducherry	80.Thattanchavady

	Sub Total	1
23.	Punjab	81.Faridkot
		82.Gurdaspur
		83.Ludhiana
	Sub Total	3
24.	Rajasthan	84.Alwar
		85. Bharatpur
		86.Chhittourgarh
		87.Durgapura,Jaipur
		88.Pant Krishi Bhavan,Jaipur
		89.Jodhpur
		90.Kota
		91.SriGanga Nagar
	Sub Total	8
25.	Sikkim	92. Mazitar
		93. Tadong
	Sub Total	2
26.	Tamil Nadu	94.Coimbatore
		95.Cuddalore
		96.Dharmapuri
		97.Dindigul
		98.Erode
		99.Kanchipuram
		100. Kanyakumari
		101.Karur
		102.Krishnagiri
		103.Madurai
		104.Nagapattinam
		105.Nagercoil
		106.Namakkal
		107.Oaty
		108.Paramakudi
		109.Perambalur
		110.Pudukkottai
		111.Ramnad
		112.Salem
		113.Sivagangai
		114.Thanjavur
		115.Theni
		116.Thiruvallur
		117.Thiruvarur
		118.Thoothukudi
		119.Tirunelveli
		120.Tiruvannamalai
		121.Trichy
		122.Vellore
		123.Villupuram
		124.Virudhunagar
		125.DNA Finger Printing laboratory, Directorate, Coimbatore
		126. Referral Lab, Coimbatore
	Sub Total	33
27.	Telangana	127. Hyderabad
		128. Rajendranagar
		129. Karimnagar

		130. Rajendranagar
	Sub Total	4
28.	Tripura	131. Arundhatinagar
	Sub Total	1
29.	U.P.	132. Azamgarh
		133. Barabanki
		134. Bareilly
		135. Bareilly
		136. Etawah
		137. Hardoi
		138. Jhansi
		139. Mathura
		140. Meerut
		141. Varanasi
		142. Agra
		143. Ayodhya
		144. Lucknow
		145. Lucknow
		146. Mau
		147. Muzaffar Nagar
		148. Noida
		149. Lucknow
		150. Kanpur
	Sub Total	19
30.	Uttarakhand	151. Dehradun
		152. Pantnagar
		153. Rudrapur
		154. Haldi
		155. Udham Singh Nagar
	Sub Total	5
31.	West Bengal	156. Bankura
		157. Burdwan
		158. Malda
		159. Nadia
		160. Tollygunge
	Sub Total	5
32.	A & N (UT)	161. Port Blair
	Total (States)	161

National Referral Laboratories to detect the presence or absence of GMPs & LMOs		
1.	Andhra Pradesh	DNA Fingerprinting and Transgenic Crop Monitoring Lab (DFTCML), Guntoor
2.	New Delhi	ICAR-National Bureau of Plant Genetic Resources (NBPGR) Pusa, New Delhi
3.	Kerala	Export Inspection Agency (EIA), Kochi Laboratory (Kerala)
4.	Punjab	Punjab Biotechnology Incubator (PBTI), Mohali (Punjab)
	Total	04
Central Referral Laboratories		
1.	Maharashtra	ICAR-Central Institute of Cotton Research (CICR), Nagpur only to test the presence or absence Bt. Gene.
2.	Uttar Pradesh	Central Seed Testing Laboratory, NSRTC, Varanasi (U.P.)
	Total	02
	Grand Total	167

Lok Sabha Unstarred Question No.3831 due for answer on 21.12.2021 raised by Shri Rajeshbhai Chudasama regarding Testing of Seeds and Fertilizers

Annexure-II

State wise number of Fertilizer Quality Control Laboratories, analyzing capacity and samples analyzed during 2020-21

S. No.	Name of State	No. of Labs.	Annual Capacity	Analysing	No. of samples
					Analysed
1	Assam	1	500		423
2	Mizoram	1	250		0
3	Tripura	1	500		0
4	Jharkhand	1	1500		602
5	Bihar	1	4000		3487
6	Odisha	4	15000		6540
7	West Bengal	3	4500		3231
	Total East & NER	11	26250		14283
8	Gujarat	3	15000		10247
9	M.P.	6	15000		17301
10	Chhatisgarh	1	3000		2811
11	Maharashtra	5	22100		19200
12	Rajasthan	7	15000		12570
	Total West Zone	22	70100		62129
13	Haryana	3	5100		2708
14	H.P.	3	2000		2080
15	J&K	2	1450		803
16	Punjab	2	3600		3418
17	U.P.	4	12000		11654
18	Uttarakhand	2	500		418
	Total North Zone	16	24650		21081
19	A.P.	3	10500		10533
20	Telangana	2	9000		10320
21	Karnataka	7	15800		12683
22	Kerala	2	5000		3425
23	Puducherry	1	700		402
24	Tamil Nadu	14	19600		19530
	Total South Zone	29	60600		56893
25	Govt. Of India	4	8500		5141
	Total All India	83	190100		159527
