

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

LOK SABHA
STARRED QUESTION NO. 215
TO BE ANSWERED ON THE 3RD DECEMBER, 2019

CHEMICAL PESTICIDES

*215. SHRIMATI NUSRAT JAHAN RUHI:

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

- (a) whether it is a fact that the consumption/usage of chemical pesticides in the country has increased over the past few years;
- (b) if so, the details thereof;
- (c) whether it is a fact that farmers are using low quality pesticides due to lack of awareness about the use of pesticides; and
- (d) if so, the action taken by the Government in this regard?

ANSWER

MINISTER OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्री

(SHRI NARENDRA SINGH TOMAR)

(a) to (d): A statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF LOK SABHA STARRED QUESTION NO. 215 DUE FOR REPLY ON 3RD DECEMBER, 2019.

(a) & (b): State Governments and Union Territories report data related to consumption of pesticide to Central Government. As per the provided data, the trend of consumption of chemical pesticides has varied from year to year and State to State. Pesticide use depends on several factors like area under cultivation, type of crop, cropping intensity, agro climatic conditions, soil condition, weed, insect and disease situation etc. State-wise details of consumption of chemical pesticides (Technical Grade in MT) during last 5 years may be seen at **Annexure-1**.

It is pertinent to mention that during the same period; the use of bio-pesticides is showing increasing trend in the various States. State-wise details of consumption Bio-pesticides (Technical Grade in MT) during last 5 years may be seen at **Annexure-2**.

(c) & (d): Ministry of Agriculture & Farmers Welfare is implementing 'Sub-Mission on Plant Protection and Plant Quarantine' Scheme, under which Integrated Pest Management approach is being promoted to educate the farmers about judicious use of chemical pesticides and to recommend use as per the directions prescribed on the label claim and leaflets. Integrated Pest Management seeks to promote cultural, mechanical, biological methods of pest control and recommends use of chemical pesticides as a measure of last resort. During the last 5 years (2014-15 to 2019-20), 3730 Farmer Field Schools and 732 HRD programmes were conducted under Integrated Pest Management and 1,41,180 farmers, pesticide dealers and officials have been trained.

**CONSUMPTION OF CHEMICAL PESTICIDES IN VARIOUS STATES/UTs DURING
2014-15 to 2018-19**

Unit: Metric Ton Technical Grade

S. No.	States/UTs	2014-15	2015-16	2016-17	2017-18	2018-19
1	Andhra Pradesh	4050	2713	2015	1738	1689
2	Bihar	787	831	790	840	981
3	Chhattisgarh	1589	1625	1660	1685	1398
4	Goa	12	48	22	24	25
5	Gujarat	1730	1980	1713	1692	1558
6	Haryana	4070	4100	4050	4025	4015
7	Himachal Pradesh	379	450	341	467	407
8	Jammu & Kashmir	1921	2251	2188	2430	2459
9	Jharkhand	650	493	541	619	650
10	Karnataka	1793	1434	1288	1502	1458
11	Kerala	910	1123	895	1067	1037
12	Madhya Pradesh	696	732	694	502	540
13	Maharashtra	8663	11665	13496	15568	11746
14	Orissa	1278	994	1050	1633	1609
15	Punjab	5689	5743	5843	5835	5543
16	Rajasthan	2694	2475	2269	2307	1280
17	Tamil Nadu	2096	2096	2092	1929	462
18	Telangana	2806	993	3436	4866	4894
19	Uttar Pradesh	9736	10457	10614	10824	11116
20	Uttarakhand	172	217	198	210	102
21	West Bengal	3060	3712	2624	2982	3190
22	Arunachal Pradesh	18	17	18	NR	14
23	Assam	190	185	306	241	385
24	Manipur	31	30	33	27	NR
25	Meghalaya	28	NR	NR	NR	NR
26	Mizoram	805	NR	9	NR	74
27	Nagaland	20	20	20	20	NR
28	Sikkim	Organic State	Organic State	Organic State	Organic State	Organic State
29	Tripura	346	293	298	330	349
30	Andaman & Nicobar	8	NR	NR	NR	NR
31	Chandigarh	NR	NR	NR	NR	NR
32	Dadra & Nagar Haveli	NR	NR	NR	NR	NR
33	Daman & Diu	NR	NR	NR	NR	NR
34	Delhi	NR	NR	NR	NR	NR
35	Lakshadweep	NR	NR	NR	NR	NR
36	Pondicherry	42	43	43	43	41

Source: States/UTs Zonal Conferences on Inputs (Plant Protection) for Kharif & Rabi Seasons.

NR = Not Reported

**CONSUMPTION OF BIO PESTICIDES FORMULATIONS IN VARIOUS STATES DURING
2014-15 to 2018-19**

Unit: Metric Ton Technical Grade

S. No.	States/UTs	2014-15	2015-16	2016-17	2017-18	2018-19
1	Andhra Pradesh	53	25	9	5	38
2	Bihar	252	286	314	320	554
3	Chhattisgarh	284	370	380	405	455
4	Goa	12	14	3	5	6
5	Gujarat	279	273	305	354	306
6	Haryana	330	340	380	390	410
7	Himachal Pradesh	15	16	2	1	2
8	Jammu & Kashmir	0.05	0.50	1	1	2
9	Jharkhand	3	7	11	38	60
10	Karnataka	530	505	473	544	520
11	Kerala	631	606	662	717	733
12	Madhya Pradesh	309	395	1063	326	767
13	Maharashtra	486	1173	1454	1271	1164
14	Orissa	267	271	310	310	310
15	Punjab	136	138	134	259	174
16	Rajasthan	157	9	9	10	10
17	Tamil Nadu	286	286	294	630	677
18	Telangana	82	94	85	77	102
19	Uttar Pradesh	43	46	46	46	48
20	Uttarakhand	22	30	31	50	28
21	West Bengal	680	950	838	951	997
22	Arunachal Pradesh	NR	NR	NR	NR	18
23	Assam	130	150	188	217	217
24	Manipur	0.75	0.85	1	1	NR
25	Meghalaya	16	NR	24	75	NR
26	Mizoram	NR	23	NR	NR	NR
27	Nagaland	12	12	12	14	NR
28	Sikkim	NR	NR	NR	NR	NR
29	Tripura	122	95	146	142	138
30	A& N islands	0.70	0.88	NR	NR	NR
31	Chandigarh	NR	NR	NR	NR	NR
32	Dadra & Nagar Haveli	NR	NR	NR	NR	NR
33	Daman & Diu	NR	NR	NR	NR	NR
34	Delhi	NR	NR	1	NR	NR
35	Lakshadweep	NR	NR	NR	NR	NR
36	Pondicherry	16	33	14	14	10

Source: States/UTs Zonal Conferences on Inputs (Plant Protection) for Kharif & Rabi Seasons.

NR = Not Reported
