

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

LOK SABHA
UNSTARRED QUESTION NO.2503
TO BE ANSWERED ON THE 3RD DECEMBER, 2019

REDUCE AGRICULTURAL COSTS

2503. SHRI CHUNNI LAL SAHU:

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

- (a) whether any new guideline has been issued by the Government regarding cutting the agricultural expenditure by using NADEP composting, vermi composting, liquid bio manure in agriculture;
- (b) if so, the details thereof;
- (c) whether the agricultural land becomes more fertile by using the said manure and gives more yield and if so, the district-wise details of the status of crop per hectare in Chhattisgarh during the last three years and the current year;
- (d) whether the Government felicitates the farmers who have been getting more yield more by giving them incentives; and
- (e) if so, the number of farmers felicitated by the Government?

ANSWER

MINISTER OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्री (SHRI NARENDRA SINGH TOMAR)

(a) & (b): Government of India has been promoting the Production/procurement of various organic inputs (biofertilisers, biopesticides, vermicompost, botanical extracts etc) under different schemes *namely*:

- **Paramparagat Krishi Vikas Yojana (PKVY):** assistance of RS.50,000 per hectare/ 3 years is given, out of which Rs. 31,000 (62%) is provided to the farmers directly through DBT for inputs (bio fertilisers, biopesticides, vermicompost, botanical extracts etc), production/ procurement, post harvest infrastructure.

- **Mission Organic Value Chain Development for North Eastern Region (MOVCDNER):** farmers are given assistance of Rs 2500/ha/3 years for both on-farm and off-farm organic inputs, and seeds/ plant material.
- **Capital investment Subsidy Scheme (CISS) under Soil Health Management Scheme:** 100% assistance is provided to State Government / Government agencies for setting up of mechanized fruit/vegetable market waste/ Agro waste compost production unit up to a maximum limit of Rs.190.00 Lakh /unit (3000 Total Per Annum TPA capacity). Similarly, for individuals/ private agencies assistance up to 33% of cost limit to Rs 63 lakh/unit as capital investment is provided. As per data provided by NABARD, 21 fruit/vegetable waste compost production units were established under CISS in different states.
- **National Mission on Oilseeds and Oil Palm (NMOOP):** financial assistance@ 50% subsidy to the tune of Rs. 300/- per ha is being provided for different components including bio-fertilizers, supply of Rhizobium culture/Phosphate Solubilising Bacteria (PSB)/ Zinc Solubilising Bacteria (ZSB)/ Azatobacter/ Mycorrhiza and vermi compost.
- **National Food Security Mission (NFSM):** financial assistance is provided for promotion of Bio-Fertilizer (Rhizobium/PSB) @50% of the cost limited to Rs.300 per ha.

During Krishi Kalyan Abhiyan (2018), 48942 NADEP units were constructed in selected villages of 111 Aspirational Districts. An amount of Rs. 23.31 crores to KVKs and Rs 4.33 crores to States was released for constructing these NADEP units.

(c): The research trials of Indian Institute of Soil Science (IISS), Bhopal indicate that integrated use of optimal dose of NPK and organic manure can maintain soil health and give higher sustainable yields. As per information received from Government of Chhattisgarh the district-wise details of the status of productivity of Rabi & Kharif crops in Chhattisgarh during the year 2014-2015 to 2017-2018 is given at **Annexure –I & II**.

(d): In order to incentivize progressive farmers, a provision of best farmer award has been kept in ATMA (Extension reform) Scheme at State, district and block level in 5 different enterprises @ Rs.0.50 lakh, Rs.0.25 lakh and Rs.0.10 lakh per farmer respectively.

(e): The number of farmers felicitated under ATMA (Extension reform) Scheme from 2016-17 till date are as:

State level- 245 no., District level- 5681 no. and Block level- 20821 no.

Districts wise productivity of crops in Chhattisgarh during the Year 2014-2015 to 2017-2018 in Rabi season.

S.No.	District	Year-wise Productivity in Kg/ha.															
		Cereals				Pulses				Oilseeds				Total			
		2014-15	2015-16	2016-17	2017-18	2014-15	2015-16	2016-17	2017-18	2014-15	2015-16	2016-17	2017-18	2014-15	2015-16	2016-17	2017-18
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Raipur	1867	2102	3209	1936	1017	613	882	660	460	602	486	475	1386	1004	1942	985
2	Balodabazar	1912	1961	1352	1422	1057	435	499	449	588	511	398	318	1105	664	740	671
3	Gariaband	1597	1274	2403	1495	527	435	514	453	445	543	439	509	1096	998	1773	1229
4	Mahasamund	1863	1703	1783	1616	875	466	601	436	918	845	553	1092	1541	1424	1540	1459
5	Dhamtari	2406	1580	3335	2025	1046	687	955	858	496	511	456	440	1952	1189	2253	1011
6	Durg	1518	1493	2067	1102	965	624	1072	670	456	559	521	345	979	765	1206	655
7	Balod	1620	1118	2261	1258	797	448	707	685	367	377	485	335	928	582	1180	748
8	Bemetara	1121	1366	1328	1092	982	661	1088	1003	278	394	410	417	1016	752	1090	1094
9	Rajnandgaon	1344	1026	1476	1386	875	594	924	865	431	360	423	341	893	644	952	846
10	Kabirdham	1428	1326	1177	999	1011	771	904	740	460	428	336	395	1195	920	1536	823
11	Bilaspur	1615	1276	2088	1315	1182	633	917	690	422	462	419	336	1178	783	1192	854
12	Mungeli	1598	3810	1902	1399	1108	1075	1378	855	385	481	550	250	1137	1295	1393	893
13	Janjgir	2715	2088	3023	2491	1105	614	814	620	522	555	562	555	1264	1267	1428	1343
14	Korba	1493	3419	1357	1234	885	320	658	516	419	329	310	373	661	547	430	478
15	Raigarh	1513	1386	2286	1866	636	476	669	386	750	524	720	997	1000	912	1414	1197
16	Jashpur	1814	986	1471	1455	614	372	643	438	514	483	448	394	550	417	485	410
17	Sarguja	1840	1171	968	1518	690	474	618	545	543	591	496	399	1081	767	764	836
18	Surajpur	1915	1682	1478	1482	620	371	629	580	479	508	405	446	1273	947	739	1150
19	Balrampur	1484	1442	1642	1765	681	438	673	615	529	554	492	402	985	924	845	852
20	Koriya	1612	872	1295	1220	689	313	540	462	459	405	328	340	779	501	609	579
21	Bastar	2036	2226	2691	2961	1108	435	795	704	630	872	672	606	1069	1095	1180	1216
22	Kondagaon	1842	2011	2304	2792	972	358	811	596	550	577	530	481	904	662	1480	1905
23	Narayanpur	1859	0	2130	2566	1000	571	575	600	632	400	306	600	1350	310	1112	787
24	Dantewada	1647	3250	2486	1353	500	78	333	222	507	486	382	264	387	394	279	186
25	Sukma	2312	16651	2644	2952	313	143	278	353	407	375	376	367	1371	2779	585	507
26	Bijapur	337	180	294	449	298	207	391	364	187	295	672	0	241	185	235	236
27	Kanker	2392	1810	2215	1914	755	469	571	503	547	446	452	349	1361	994	1489	1265
Total		1820	1583	2162	1586	969	671	961	807	512	503	470	440	1149	883	1283	935

Districts wise productivity of crops in Chhattisgarh during the Year 2014-2015 to 2017-2018 in Kharif season.

S.No.	District	Year-wise Productivity in Kg/ha.															
		Cereals				Pulses				Oilseeds				Total			
		2014	2015	2016	2017	2014	2015	2016	2017	2014	2015	2016	2017	2014	2015	2016	2017
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Raipur	2024	1517	3210	2102	422	348	431	317	773	622	805	535	1975	1483	3136	2059
2	Balodabazar	1552	1348	1799	1260	438	365	310	244	800	724	715	488	1510	1332	1777	1227
3	Gariaband	1859	738	2283	1496	343	382	406	286	869	747	736	863	1822	720	2171	1467
4	Mahasamund	1859	1337	1695	1610	270	250	270	264	1256	1118	940	2813	1760	1267	1594	1545
5	Dhamtari	3044	1699	3208	2231	377	416	433	355	500	483	500	455	2978	1664	3159	2201
6	Durg	1855	1297	2925	1374	620	519	630	322	593	483	832	397	1690	1174	2593	1269
7	Balod	1872	1051	2286	1405	350	294	355	318	421	390	400	286	1831	1027	2234	1372
8	Bemetara	1767	1361	1801	1054	283	396	357	311	559	6	619	219	1482	1074	1492	877
9	Rajnandgaon	1642	758	1797	1062	530	430	606	436	378	428	752	430	1488	681	1645	957
10	Kabirdham	1188	996	1221	1067	566	480	494	369	412	529	855	352	882	770	967	771
11	Bilaspur	2000	1141	2305	1161	434	423	407	345	865	906	809	924	1932	1112	2191	1134
12	Mungeli	2050	1938	2504	1681	627	436	661	364	909	676	1210	493	1929	1810	2328	1576
13	Janjgir	3204	2718	3261	2720	401	436	469	347	1013	998	827	1218	3114	2567	3180	2657
14	Korba	1552	760	1601	1350	336	276	364	369	520	339	388	402	1406	704	1456	1240
15	Raigarh	1764	1054	2238	1893	307	317	330	297	963	851	735	1208	1565	955	1866	1689
16	Jashpur	1634	903	1112	1197	403	345	368	383	405	354	345	438	1361	773	939	1018
17	Sarguja	1733	1455	1594	1522	459	413	422	330	455	415	349	427	1477	1250	1371	1311
18	Surajpur	1831	1204	1634	1427	392	433	406	440	692	538	414	560	1555	1039	1336	1237
19	Balrampur	1544	1133	1864	1643	510	480	582	398	311	360	330	198	1227	942	1483	1360
20	Koriya	1592	791	1817	1126	398	368	406	340	293	263	293	301	1400	722	1571	998
21	Bastar	1838	828	1943	1357	409	343	362	360	216	124	229	217	1667	753	1758	1252
22	Kondagaon	1935	1193	1741	1338	393	384	523	413	252	175	286	260	1721	1073	1609	1231
23	Narayanpur	1652	706	1531	903	275	245	357	406	222	128	172	208	1466	646	1389	835
24	Dantewada	1451	600	1330	650	403	472	466	242	229	236	268	162	1405	589	1264	628
25	Sukma	1837	1085	1521	1361	386	421	379	358	324	347	379	250	1723	1035	1374	1285
26	Bijapur	1868	1153	1710	1318	325	381	390	333	529	352	400	500	1816	1132	1621	1291
27	Kanker	2407	1131	2119	1323	317	253	302	330	317	353	598	276	2227	1056	1963	1255
Total		1919	1236	2061	1482	392	369	422	361	504	406	598	421	1742	1123	1858	1356
