

- (a) whether the income of farmers has not increased upto the required level due to lack of proper and developed infrastructural facilities in agriculture sector;
- (b) if so, the details thereof;
- (c) whether Government has launched many new schemes for developing proper infrastructural facilities in agriculture sector in the country and a huge amount has been spent thereon; and
- (d) if so, the details thereof?

THE MINISTER OF AGRICULTURE AND FARMERS WELFARE (SHRI NARENDRA SINGH TOMAR): (a) to (d) According to the 'Situation Assessment Survey of Agricultural Households' conducted by National Statistical Office (NSO), the average monthly income per agricultural household is estimated to have increased from ₹ 2115 in 2003 to ₹ 6426 in 2013.

As a State subject, agriculture is the primary responsibility of the State Governments. Union Government, however, supplements their efforts through implementation of various schemes and programmes. With a view to improve infrastructural facilities in the agriculture sector, Government has implemented various new Schemes, viz., Pradhan Mantri Krishi Sinchai Yojana (PMKSY- Per Drop More Crop), Soil Health Card, Paramparagat Krishi Vikas Yojana (PKVY), Mission for Integrated Development of Horticulture (MIDII), Integrated Scheme on Agriculture Marketing, Promotion of Agriculture Mechanization for *in-situ* Management of Crop Residue, etc. Moreover, under the revamped Rashtriya Krishi Vikas Yojana (RKVY), namely, RKVY-RAFTAAR (Remunerative Approaches for Agriculture and Allied sector Rejuvenation), 50 per cent of the regular outlay has been earmarked for infrastructure and assets.

The total expenditure on these major schemes was ₹ 9,745.95 crore in 2017-18, which rose to ₹ 10,462.80 crore in 2018-19. During the current financial year 2019-20, the total expenditure on these schemes is ₹ 5,681.55 crore (as on 31-12-2019).

### **Production and import of Fertilizer**

‡688. SHRIMATI KANTA KARDAM: Will the Minister of CHEMICALS AND FERTILIZERS be pleased to state:

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‡Original notice of the question was received in Hindi.

- (a) the total production of fertilizers in the country during the last five years;
- (b) the State-wise and fertilizer-wise details of demand and consumption of fertilizers during the said period;
- (c) whether Government is importing fertilizers to meet the shortage of fertilizers;
- (d) if so, the details thereof; and
- (e) whether other steps have been taken by Government to meet the demand of fertilizers and become self-sufficient in fertilizer sector?

THE MINISTER OF CHEMICALS AND FERTILIZERS (SHRI D.V. SADANANDA GOWDA): (a) The total production of fertilizers during 2014-15 to 2018-19 are given below:-

Year	Production of all fertilizers (in 'LMT')
2014-15	385.39
2015-16	413.14
2016-17	414.41
2017-18	413.61
2018-19	414.85

(b) The demand and sale/consumption of fertilizers in the country for the past five years, State/ UT-wise is given in Statement (*See* below).

(c) and (d) Yes, the gap between demand (requirement) and indigenous production is met through imports. The import for the each season is also finalised well in advance to ensure timely availability. Details of import of fertilizers are given below:

*Import of Fertilizers*

(Qty in LMT)

Year	Urea	DAP*	MOP*	NPK*
2014-15	87.49	38.53	41.97	2.91
2015-16	84.74	60.08	32.43	6.29
2016-17	54.81	43.85	37.36	5.21

Year	Urea	DAP*	MOP*	NPK*
2017-18	59.75	42.17	47.36	4.99
2018-19	74.81	66.02	42.14	5.46

\*Based on the information received from various companies.

(e) Following steps are being taken by the Government to ensure the availability and adequate supply of fertilizers across the country:-

Before the commencement of each cropping season, Department of Agriculture, Cooperation and Farmers Welfare (DAC&FW), in consultation with all the State Governments, assess the requirement of fertilizers. After the assessment of requirement, DAC&FW projects month-wise requirement of fertilizers.

On the basis of month-wise and State-wise projection given by DAC&FW, Department of Fertilizers allocates sufficient/ adequate quantities of fertilizers to States by issuing monthly supply plan and continuously monitors the availability through the following system:

- (i) The movement of all major subsidized fertilizers is being monitored throughout the country by an on-line web based monitoring system called integrated Fertilizer Monitoring System (iFMS);
- (ii) The State Governments are regularly advised to coordinate with manufacturers and importers of fertilizers for streamlining the supplies through timely placement of indents for railway rakes through their state institutional agencies like Markfed etc.
- (iii) Regular Weekly Video Conference is conducted jointly by Department of Agriculture and Cooperation and Farmers Welfare (DAC&FW), Department of Fertilizers (DoF), and Ministry of Railways with State Agriculture Officials and corrective actions are taken to dispatch fertilizer as indicated by the State Governments.
- (iv) The gap between demand (requirement) and production is met through imports. The import for the season is also finalised well in advance to ensure timely availability.

Thus, with the steps as indicated above, Department of Fertilizers ensures availability of fertilizers at the State level and the distribution to the farmers within the State is the responsibility of the respective State Government.

**Statement***Cumulative Availability and Sales of Fertilizers during the years 2014-15 to 2018-19*

(Fig. in 000 MTs)

States	Year	Urea		DAP		MOP		NPK	
		Demand	Sales/ Consumption	Demand	Sales/ Consumption	Demand	Sales/ Consumption	Demand	Sales/ Consumption
1	2	3	4	5	6	7	8	9	10
Andaman and Nicobar	2014-15	1.00	0.60	0.70	1.00	0.80	0.40	1.00	0.00
	2015-16	1.00	0.40	1.20	1.00	0.68	0.00	0.65	0.50
	2016-17	0.83	1.00	1.20	1.00	0.53	0.00	0.90	0.50
	2017-18	0.85	0.50	0.94	0.00	0.58	0.00	0.83	0.00
	2018-19	1.01	0.00	1.20	0.00	0.60	0.00	0.95	0.00
Andhra Pradesh	2014-15	1827.00	1806.61	551.60	294.44	294.25	253.83	1383.60	1251.11
	2015-16	1735.00	1546.82	470.00	376.99	350.00	212.15	1350.00	1207.66
	2016-17	1503.36	1438.08	466.85	372.99	306.46	253.78	1173.46	1149.29
	2017-18	1550.00	1408.42	377.00	325.61	241.00	289.07	1150.00	1059.16
	2018-19	1669.98	1418.23	376.02	313.57	286.00	241.45	1249.99	1137.59

Arunachal Pradesh	2014-15	2.34	0.46	0.10	0.00	1.26	0.00	0.00	0.00
	2015-16	1.93	0.00	0.00	0.00	1.06	0.00	0.00	0.00
	2016-17	0.40	0.00	0.10	0.00	0.20	0.00	0.00	0.00
	2017-18	2.33	0.00	0.10	0.00	1.26	0.00	0.00	0.00
	2018-19	3.57	0.00	1.06	0.00	1.70	0.00	0.00	0.00
Assam	2014-15	315.00	316.19	45.00	33.42	125.00	67.46	10.00	11.26
	2015-16	330.00	390.94	50.00	48.47	130.00	70.11	10.00	15.21
	2016-17	310.00	319.28	43.00	54.41	105.00	73.96	10.00	10.56
	2017-18	295.00	371.43	55.00	56.52	65.00	80.81	5.00	12.73
	2018-19	335.00	438.87	65.00	57.88	80.00	78.78	5.00	14.27
Bihar	2014-15	1900.00	1940.40	460.00	352.71	155.00	153.71	275.00	265.70
	2015-16	1925.00	2358.21	500.00	545.34	190.00	153.74	325.00	370.21
	2016-17	1950.00	1977.49	600.00	531.73	190.00	229.81	400.00	254.24
	2017-18	2100.00	2039.34	575.00	682.24	190.00	244.87	300.00	281.75
	2018-19	2100.00	2233.79	500.00	587.06	210.00	202.61	350.00	318.96
Chandigarh	2014-15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2015-16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2016-17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2017-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Written Answers to

[7 February, 2020]

Unstarred Questions

201

1	2	3	4	5	6	7	8	9	10
Chhattisgarh	2018-19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2014-15	675.00	627.82	275.00	232.50	85.00	60.79	180.00	70.89
	2015-16	675.00	845.01	300.00	312.99	105.00	71.59	150.00	88.41
	2016-17	598.84	649.63	360.00	290.98	120.00	60.74	160.00	68.39
	2017-18	670.00	660.31	328.00	325.55	100.00	72.74	160.00	81.10
Dadra and Nagar Haveli	2018-19	600.00	818.47	350.00	330.92	120.00	71.40	150.00	93.78
	2014-15	1.04	1.25	0.91	1.19	0.07	0.00	0.00	0.15
	2015-16	1.05	1.00	0.92	0.73	0.07	0.00	0.00	0.16
	2016-17	1.01	0.67	0.96	0.88	0.07	0.00	0.00	0.10
	2017-18	1.20	0.58	1.00	0.49	0.07	0.00	0.00	0.00
Daman and Diu	2018-19	1.08	0.17	0.96	0.00	0.05	0.00	0.00	0.00
	2014-15	0.28	0.28	0.06	0.04	0.02	0.00	0.09	0.00
	2015-16	0.53	0.15	0.16	0.05	0.02	0.00	0.16	0.00
	2016-17	0.53	0.32	0.16	0.11	0.02	0.00	0.23	0.00
	2017-18	0.53	0.02	0.16	0.00	0.02	0.00	0.24	0.00
Delhi	2018-19	0.53	0.00	0.16	0.00	0.02	0.00	0.24	0.00
	2014-15	8.00	9.09	4.50	0.00	2.00	0.00	2.60	0.00

202  
Written Answers to

[RAJYA SABHA]

Unstarred Questions

Goa	2015-16	9.20	10.79	5.50	0.91	2.00	0.00	2.60	0.03
	2016-17	9.00	13.29	5.50	0.69	2.00	0.06	2.60	0.00
	2017-18	9.20	12.83	5.20	3.36	2.00	0.27	2.60	0.00
	2018-19	7.50	20.05	4.00	1.96	1.50	0.25	1.60	0.00
	2014-15	4.82	3.57	2.90	1.31	1.17	0.71	4.60	2.84
Gujarat	2015-16	4.82	3.64	2.40	1.89	1.15	0.84	5.10	2.73
	2016-17	4.00	3.32	2.00	1.68	1.25	0.63	4.20	2.73
	2017-18	2.88	2.25	1.95	1.88	1.64	0.76	3.90	2.13
	2018-19	2.63	2.22	1.91	1.63	0.80	0.12	3.29	2.60
	2014-15	2200.00	2269.56	540.00	404.39	140.00	133.17	520.00	561.20
Haryana	2015-16	2050.00	2103.79	500.00	512.10	180.00	117.37	520.00	598.39
	2016-17	1850.00	2054.96	530.00	447.51	150.00	142.80	560.00	611.59
	2017-18	2000.00	2233.37	460.00	546.42	160.00	160.76	520.00	679.14
	2018-19	1960.00	2005.88	500.00	430.67	141.00	132.07	465.00	579.98
	2014-15	1860.00	2001.75	450.00	411.97	25.00	51.46	45.00	34.60
	2015-16	1860.00	2112.76	600.00	663.63	45.00	39.54	65.00	24.98
	2016-17	1800.00	1962.06	630.00	562.37	35.00	61.52	65.00	18.45
	2017-18	1800.00	2061.76	597.00	546.64	65.00	71.93	55.00	19.00
	2018-19	1900.00	2165.77	620.00	548.46	85.00	69.50	27.00	37.91

Written Answers to

[7 February, 2020]

Unstarred Questions

203

1	2	3	4	5	6	7	8	9	10
Himachal Pradesh	2014-15	70.00	67.36	0.00	0.00	8.60	9.88	31.00	20.82
	2015-16	71.00	73.08	0.00	0.00	8.70	7.73	30.00	35.71
	2016-17	58.00	62.47	0.00	0.77	6.21	9.10	32.80	36.82
	2017-18	66.00	70.00	1.93	0.00	9.80	10.52	37.00	29.95
	2018-19	66.00	72.53	0.00	0.19	9.80	6.00	37.60	25.71
Jammu and Kashmir	2014-15	138.00	115.93	72.00	63.71	25.00	24.53	0.00	2.03
	2015-16	132.17	154.84	78.00	59.25	26.00	10.93	0.00	2.56
	2016-17	129.01	128.78	68.75	66.10	25.01	29.09	2.00	0.56
	2017-18	128.01	150.72	61.75	64.95	26.01	37.61	0.00	0.78
	2018-19	133.01	132.43	72.00	49.01	26.01	23.12	0.00	0.21
Jharkhand	2014-15	225.00	180.17	75.00	27.08	16.00	0.63	55.00	26.19
	2015-16	225.00	235.05	105.00	66.35	16.00	3.21	85.00	32.60
	2016-17	240.00	218.53	95.00	62.19	10.30	3.02	57.50	14.96
	2017-18	240.00	222.05	100.00	81.97	7.00	3.20	33.00	14.31
	2018-19	240.00	238.68	105.00	69.45	12.00	1.17	35.00	28.78
Karnataka	2014-15	1400.00	1532.42	600.00	509.69	325.00	362.86	1200.00	1210.36
	2015-16	1370.75	1461.47	590.00	588.86	391.20	248.26	1163.00	1192.50

204

Written Answers to

[RAJYA SABHA]

Unstarred Questions

	2016-17	1243.00	1298.33	540.00	615.68	305.00	238.84	1107.30	1110.97
	2017-18	1350.00	1341.54	595.00	488.48	350.00	254.09	1250.00	1162.07
	2018-19	1400.00	1391.32	587.00	488.49	400.00	264.14	1171.00	1331.17
Kerala	2014-15	170.00	135.80	25.00	31.07	163.00	114.10	230.00	139.70
	2015-16	168.00	140.78	34.00	23.56	175.00	85.93	225.00	121.27
	2016-17	86.70	114.50	23.20	29.23	56.30	89.86	103.75	112.63
	2017-18	110.00	133.30	41.80	31.28	110.00	102.47	145.00	116.68
	2018-19	140.00	95.07	27.00	20.57	124.00	83.51	166.50	115.55
Lakshadweep	2014-15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2015-16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2016-17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2017-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2018-19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Madhya Pradesh	2014-15	2000.00	2070.35	1000.00	902.77	90.00	83.06	345.00	225.01
	2015-16	2800.00	2387.13	1200.00	1050.60	110.00	79.32	375.00	295.23
	2016-17	2200.00	2248.40	1250.00	808.53	125.00	100.57	395.00	279.10
	2017-18	2200.00	2449.10	1017.50	1106.03	125.00	107.62	315.00	293.39
	2018-19	2300.00	2950.90	1150.00	1262.64	125.00	108.20	280.00	388.78
Maharashtra	2014-15	2650.00	2567.96	850.00	559.39	400.00	448.02	2000.00	1617.14

Written Answers to

[7 February, 2020]

Unstarred Questions

205

1	2	3	4	5	6	7	8	9	10
Manipur	2015-16	2700.00	2359.51	850.00	672.19	475.00	316.38	2100.00	1796.93
	2016-17	2456.35	2490.92	784.40	600.08	469.50	352.40	2158.20	1711.54
	2017-18	2700.00	2357.31	703.20	666.19	450.00	424.42	2050.00	1970.72
	2018-19	2200.00	2280.66	670.00	561.49	450.00	385.89	1800.00	1972.04
	2014-15	29.00	22.94	7.00	0.00	5.50	0.00	2.50	0.00
Meghalaya	2015-16	33.00	19.35	8.00	0.00	5.35	0.00	0.00	0.00
	2016-17	20.00	17.08	8.30	0.00	5.24	0.00	0.00	0.00
	2017-18	22.00	20.96	5.50	0.00	4.99	0.00	0.00	0.00
	2018-19	24.00	24.26	12.00	0.00	11.74	0.00	0.00	0.00
	2014-15	3.35	6.02	1.05	0.25	0.55	0.00	0.00	0.20
Mizoram	2015-16	3.35	1.72	0.80	0.25	0.55	0.00	0.00	1.20
	2016-17	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00
	2017-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2018-19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2014-15	9.00	3.75	5.50	0.03	4.50	0.38	0.00	0.00
	2015-16	8.73	3.50	5.52	0.05	4.26	0.10	0.00	0.00
	2016-17	4.54	4.58	3.31	0.02	2.25	0.06	0.00	0.00

206  
*Written Answers to*  
 [RAJYA SABHA]  
*Unstarred Questions*

	2017-18	6.54	6.20	1.91	0.00	2.25	0.00	0.00	0.00
	2018-19	8.94	6.99	5.50	0.00	4.24	0.02	0.00	0.00
Nagaland	2014-15	1.74	0.64	1.25	0.01	0.60	0.00	0.62	0.00
	2015-16	1.82	0.54	1.30	0.01	0.68	0.00	0.70	0.00
	2016-17	1.91	0.41	1.35	0.00	0.70	0.00	0.80	0.00
	2017-18	0.75	0.30	0.69	0.00	0.38	0.00	0.44	0.00
	2018-19	0.75	0.49	0.69	0.00	0.39	0.00	0.45	0.00
Odisha	2014-15	600.00	504.09	160.00	147.37	125.00	89.76	325.00	229.34
	2015-16	660.00	587.15	240.00	164.46	160.00	88.69	380.00	251.63
	2016-17	600.00	492.82	210.00	164.64	150.00	95.75	375.00	193.69
	2017-18	525.00	525.83	220.00	173.41	135.00	122.45	310.00	223.42
	2018-19	575.00	496.23	215.00	169.04	145.00	108.29	300.00	223.05
Puducherry	2014-15	22.00	14.95	2.05	1.48	3.00	2.47	10.30	6.20
	2015-16	22.00	13.27	2.40	1.29	3.40	2.02	12.30	5.75
	2016-17	18.00	10.50	1.95	1.69	3.50	2.44	7.62	5.96
	2017-18	14.00	11.15	1.73	1.11	3.10	1.40	6.20	4.62
	2018-19	11.15	13.32	1.45	0.97	2.90	1.56	6.49	3.52
Punjab	2014-15	2480.00	2734.22	900.00	714.97	50.00	64.69	45.00	45.49

Written Answers to

[7 February, 2020]

Unstarred Questions 207

1	2	3	4	5	6	7	8	9	10
	2015-16	2650.00	3085.70	900.00	810.33	63.00	53.27	35.00	42.18
	2016-17	2450.00	2610.29	852.00	734.67	105.00	74.96	70.00	38.90
	2017-18	2550.00	2805.52	895.00	685.13	110.00	83.06	43.00	31.72
	2018-19	2550.00	2917.04	850.00	701.60	110.00	55.59	68.00	54.86
Rajasthan	2014-15	1850.00	1846.61	500.00	565.52	16.00	11.97	96.00	66.32
	2015-16	1925.00	2077.11	675.00	790.23	16.00	15.16	95.00	67.59
	2016-17	1790.00	1994.87	480.00	644.60	23.00	16.76	82.00	58.87
	2017-18	1850.00	1680.26	566.20	536.61	25.00	26.22	59.99	59.48
	2018-19	1900.00	2091.62	615.00	671.12	29.50	29.11	55.00	91.10
Sikkim	2014-15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2015-16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2016-17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2017-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2018-19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tamil Nadu	2014-15	1000.00	989.64	375.00	238.44	400.00	293.05	650.00	515.69
	2015-16	1050.00	1117.33	350.00	300.63	400.00	297.22	650.00	601.06
	2016-17	868.30	793.63	370.30	252.64	421.70	262.51	600.90	530.43

208

Written Answers to

[RAJYA SABHA]

Unstarred Questions

	2017-18	900.00	881.15	362.00	244.41	331.00	296.13	600.00	539.13
	2018-19	850.00	910.85	300.00	230.87	350.00	266.58	550.00	553.44
Telangana	2014-15	1423.00	1236.15	323.40	164.77	130.75	108.47	766.40	758.60
	2015-16	1429.00	1256.44	350.00	211.84	175.00	100.20	950.00	853.12
	2016-17	1390.00	1549.09	290.00	243.16	170.00	174.13	940.00	964.48
	2017-18	1380.00	1400.82	250.00	250.54	180.00	205.79	900.00	1013.67
	2018-19	1500.00	1383.40	320.00	222.89	260.00	141.06	1050.00	1050.63
Tripura	2014-15	35.00	21.80	5.50	0.44	13.50	2.58	2.50	0.56
	2015-16	35.00	23.52	5.00	1.29	14.00	5.21	0.00	0.48
	2016-17	25.50	28.77	8.18	2.18	16.97	8.99	0.00	0.87
	2017-18	43.00	22.92	6.00	1.32	13.50	0.00	1.50	0.10
	2018-19	39.00	10.76	6.00	0.43	13.50	0.49	1.50	0.01
Uttar Pradesh	2014-15	6200.00	6253.57	1950.00	1617.01	175.00	203.54	900.00	628.52
	2015-16	5947.00	5798.64	1950.00	2179.92	200.00	219.39	1050.00	689.78
	2016-17	5850.00	5496.33	2000.00	2007.65	250.00	275.38	900.00	508.67
	2017-18	5850.00	5886.40	2117.00	1803.55	350.00	297.47	750.00	519.02
	2018-19	5950.00	6285.82	2100.00	1716.86	350.00	182.26	900.00	613.41
Uttarakhand	2014-15	250.00	279.85	35.00	25.53	4.50	1.95	50.00	38.50

1	2	3	4	5	6	7	8	9	10
West Bengal	2015-16	245.00	360.42	40.00	30.72	9.00	3.27	50.00	32.36
	2016-17	235.00	353.67	35.00	35.26	4.50	5.38	38.50	31.73
	2017-18	235.00	308.64	40.00	28.97	5.50	6.14	45.00	31.36
	2018-19	235.00	274.68	33.00	22.34	5.00	2.89	39.00	31.65
	2014-15	1320.00	1312.08	375.00	254.65	240.00	236.38	850.00	870.06
All India	2015-16	1264.90	1438.00	419.00	331.56	350.00	221.82	959.00	938.24
	2016-17	1215.00	1273.13	395.00	289.00	275.00	258.96	1010.00	942.33
	2017-18	1250.00	1240.98	350.00	322.84	325.00	291.71	1075.00	921.52
	2018-19	1300.00	1323.33	350.00	275.14	325.00	241.93	1054.02	879.45
	2014-15	30670.57	30873.89	9593.52	7557.14	3026.07	2779.86	9981.21	8598.46
	2015-16	31335.25	31968.05	10234.20	9747.48	3608.12	2423.45	10588.51	9268.50
	2016-17	28909.27	29607.20	10056.51	8822.55	3335.70	2821.49	10257.76	8658.37
	2017-18	29852.29	30305.93	9738.56	8975.50	3390.09	3191.51	9818.69	9066.95
	2018-19	30004.15	32004.28	9839.95	8735.25	3680.75	2697.99	9767.63	9566.45

Sales from 2014-15, 2015-16, 2016-17 to 2017-18 are First Point Sales (Source: mfms.nic.in)

Sales for 2018-19 in DBT Sales (Source: IFMS Dashboard)