

GOVERNMENT OF INDIA
MINISTRY OF CHEMICALS & FERTILIZERS
DEPARTMENT OF FERTILIZERS

LOK SABHA

UNSTARRED QUESTION NO. 3717 TO BE ANSWERED ON: 25.03.2022

Production and Consumption of Fertilizers

3717: SHRI G.M. SIDDESHWAR:
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SHRI ARVIND GANPAT SAWANT:
DR. DHAL SINGH BISEN:

Will the Minister of **CHEMICALS AND FERTILIZERS** be pleased to state:

- (a) the details of production, consumption and requirement of fertilizers and pesticides during the last five years and the current year, fertilizer-wise and State/ UT-wise;
- (b) whether shortage of fertilizers has posed a serious problem for the farming community as it has led to spiraling of prices and hoarding of fertilizers during the previous year and if so, the details thereof;
- (c) whether the Government has conducted/proposes to conduct any study to find out the reasons for increasing or decreasing of consumption of chemical fertilizers and if so, the details thereof and the steps taken to create awareness among farmers for the balanced use of fertilizers;
- (d) whether the Government has envisaged to start production from units which were shutdown to meet the rising demand and if so, the details thereof; and
- (e) the details of fertilizers imported/exported and expenditure incurred on fertilizer import during the last five years, year-wise along with the expenditure on subsidies accorded to fertilizers in the budget 2021-22 (RE) and 2022-23 and the reasons for difference between the two estimates?

ANSWER

MINISTER OF STATE FOR CHEMICALS & FERTILIZERS
(SHRI BHAGWANTH KHUBA)

(a): The details of production during the last five years and current year, fertilizer-wise and State-wise UT-wise are **at Annexure-I**.

The details of consumption and requirement of fertilizers during the last five years and current year, fertilizer-wise and State-wise UT-wise are **at Annexure-II**.

The details of consumption of selected pesticides (Tech Grade) State-wise during the years 2015-16 to 2019-20 are at **Annexure-III**, also details of production of pesticides (Tech) during the year 2015-16 to 2019-20 are at **Annexure-III-A**.

(b): There is no shortage of fertilizer in the country. However, in between the season, some States highlighted shortfall of DAP fertilizer, particularly in few districts. Accordingly, based on the requests of State Government, DAP rakes were moved to meet the requirement.

(c): Possibility of increasing/decreasing use of fertilizers generally arises when it is applied without proper assessment of nutrient requirement of crop, contribution from soil and other sources, nutrient use efficiency of the fertilizer, availability of assured irrigation, mode, method and time of applications and policy. Indian Council of Agricultural Research under All India Coordinated Research Project (AICRP) on Soil Test Crop Response (STCR) has developed several soil test based fertilizer prescription equations which are being used under National Mission on Soil Health Card for fertilizer recommendations to farmers. The ICAR is suggesting soil test based balanced and integrated nutrient management through conjunctive use of both inorganic and organic sources (manure, bio-fertilizers etc.) of plant nutrients for judicious use of fertilizers and to improve soil health and fertility. The ICAR also imparts training, organises FLDs etc. to educate farmers on all these aspects as and when required.

(d): Government of India has mandated revival of Ramagundam, Gorakhpur, Sindri and Talcher units of Fertilizer Corporation of India (FCIL) and Barauni Unit of Hindustan Fertilizer Corporation Ltd (HFCL) through Joint Venture Company (JVC) of nominated CPSEs for setting up gas based ammonia-urea plants of 12.7 LMT/PA capacity each. On operationalization of these plants would add 63.5 LMT urea production capacity per annum in the country

(e) : The details of fertilizers imported /exported and expenditure incurred on fertilizer import during last five years along with the expenditure on subsidies accorded to fertilizers in the budget 2021-22 (RE) and 2022-23 are given below:-

Import of Urea from the year 2016-17 to 2020-21		
Year	Qty in LMT	Value in Million US\$
2016-17	54.81	1047.37
2017-18	59.75	1295.87
2018-19	74.81	2040.14
2019-20	91.23	2302.95
2020-21	98.28	2580.27

Further, it is informed that all P&K fertilizers are covered under Open General License (OGL) under the Nutrient Based Subsidy (NBS) Scheme. They are imported by the companies on commercially viable terms. The quantity of P&K (DAP, MOP and NPK) fertilizers imported in the country (as reported by the companies) from the year 2016-17 to 2020-21 is given in the table below:

Import of P&K fertilizers (DAP, MOP and NPK) from 2016-17 to 2020-21 (Qty in LMT)			
Year	DAP	MOP	NPK
	As reported by the companies		
2016-17	43.85	37.36	5.21
2017-18	42.17	47.36	4.99
2018-19	66.02	42.14	5.46
2019-20	48.70	36.70	7.46
2020-21	48.82	42.27	13.90

The details of BE 2021-22, RE 2021-22 and BE 2022-23 are as follow:

BE 2021-22: Rs. 84,041.39 Crore

RE 2021-22: Rs. 1,49,663.28 Crore

BE 2022-23: Rs. 1,09,242.23 Crore

Based on the requirement of funds are decided at RE stage.

State-wise Production of Urea during 2016-17 to 2020-21 (Upto February 2021)

(Fig. in LMT)

Name of State	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22 (upto February 2022)
	Actual	Actual	Actual	Actual	Actual	Actual
Andhra Pradesh	14.98	15.90	5.85	6.93	7.43	8.45
Karnataka	3.80	4.20	3.50	3.80	3.54	4.01
Telangana						3.07
Tamil Nadu	10.31	10.78	10.46	8.95	11.01	10.78
Goa	4.65	4.73	4.09	2.33	4.66	3.93
Madhya Pradesh	21.97	21.32	21.61	20.37	20.93	17.99
Maharashtra	25.52	25.02	23.75	23.47	22.51	19.72
Gujarat	40.04	38.17	39.60	39.44	39.61	34.31
Rajasthan	23.95	25.03	28.93	36.53	37.48	34.00
Assam	3.11	2.70	2.86	1.56	1.32	1.49
West Bengal		0.11	0.00	0.00	0.00	5.17
Haryana	5.43	5.60	5.74	5.52	5.83	4.20
Punjab	10.70	11.05	11.25	11.37	11.24	9.70
Uttar Pradesh	77.55	75.63	81.35	84.28	80.47	71.90
GRAND TOTAL	242.01	240.23	238.99	244.55	246.03	228.70

Sources: dbtfert.nic.in

Annxure-I(b)

State-wise Production of Complex Fertilizers from 2016-17 to 2021-22 (Upto February 2022)

(Fig. in 'LMT')

Name of the State	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22 (Upto February 2022)
Andhra Pradesh	18.10	21.85	23.26	22.58	24.42	23.65
Kerala	6.58	6.68	6.36	8.45	8.62	7.39
Karnataka	1.02	0.85	1.61	1.34	1.42	1.57
Tamil Nadu	4.24	4.64	4.48	5.81	5.06	4.67
Goa	4.33	4.70	6.24	1.74	3.53	1.56
Maharashtra	7.19	10.43	10.65	10.56	11.94	10.41
Gujarat	21.60	20.13	22.41	21.02	23.04	14.39
Odissa	14.48	10.50	11.00	11.51	10.71	9.68
West Bengal	2.11	2.79	3.97	3.61	4.47	5.18
Madhya Pradesh	0.00	0.00	0.00	0.00	0.00	0.30
Grand Total	79.66	82.57	89.98	86.61	93.21	78.80

Sources:
dbtfert.nic.in

State-wise production of DAP from 2016-17 to 2021-22 (upto February 2022)

(Fig. in 'LMT')

NAME OF STATE	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22 (upto February 2022)
ANDHRA PRADESH	4.61	5.42	3.62	4.97	1.83	1.78
KARNATAKA	1.60	1.81	1.36	1.60	1.16	0.74
TAMIL NADU	3.20	2.92	2.33	2.87	1.19	1.89
MADHYA PRADESH						0.03
GOA	1.51	2.18	1.14	0.18	0.00	0.10
GUJARAT	16.30	13.77	11.26	15.29	11.94	13.21
ORISSA	14.98	19.36	17.56	18.42	19.40	20.83
WEST BENGAL	1.46	1.04	1.72	2.17	2.23	0.00
GRAND TOTAL:	43.65	46.50	38.99	45.50	37.74	38.58

Sources: dbtfert.nic.in

Cumulative Requirement and Consumption of All Fertilizers during the year of 2016-17

fig. in LMT

S. NO	States	UREA		DAP		MOP		NPKS	
		Requir ement	Consu mption	Requir ement	Consu mption	Require ment	Consu mption	Requir ement	Consu mption
1	Andaman & Nicobar	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.01
2	Andhra Pradesh	15.03	14.38	4.67	3.73	3.06	2.54	11.73	11.49
3	Arunachal Pradesh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	Assam	3.10	3.19	0.43	0.54	1.05	0.74	0.10	0.11
5	Bihar	19.50	19.77	6.00	5.32	1.90	2.30	4.00	2.54
6	Chandigarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Chattisgarh	5.99	6.50	3.60	2.91	1.20	0.61	1.60	0.68
8	Dadra & Nagar Haveli	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00
9	Daman & Diu	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	Delhi	0.09	0.13	0.06	0.01	0.02	0.00	0.03	0.00
11	GOA	0.04	0.03	0.02	0.02	0.01	0.01	0.04	0.03
12	Gujarat	18.50	20.55	5.30	4.48	1.50	1.43	5.60	6.12
13	Haryana	18.00	19.62	6.30	5.62	0.35	0.62	0.65	0.18
14	Himachal Pradesh	0.58	0.62	0.00	0.01	0.06	0.09	0.33	0.37
15	J&K	1.29	1.29	0.69	0.66	0.25	0.29	0.02	0.01
16	Jharkhand	2.40	2.19	0.95	0.62	0.10	0.03	0.58	0.15
17	Karnataka	12.43	12.98	5.40	6.16	3.05	2.39	11.07	11.11
18	Kerala	0.87	1.14	0.23	0.29	0.56	0.90	1.04	1.13
19	Lakshadweep	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	Madhya Pradesh	22.00	22.48	12.50	8.09	1.25	1.01	3.95	2.79
21	Maharashtra	24.56	24.91	7.84	6.00	4.70	3.52	21.58	17.12
22	Manipur	0.20	0.17	0.08	0.00	0.05	0.00	0.00	0.00
23	Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	Mizoram	0.05	0.05	0.03	0.00	0.02	0.00	0.00	0.00
25	Nagaland	0.02	0.00	0.01	0.00	0.01	0.00	0.01	0.00
26	Odisha	6.00	4.93	2.10	1.65	1.50	0.96	3.75	1.94
27	Puducherry	0.18	0.11	0.02	0.02	0.04	0.02	0.08	0.06
28	Punjab	24.50	26.10	8.52	7.35	1.05	0.75	0.70	0.39
29	Rajasthan	17.90	19.95	4.80	6.45	0.23	0.17	0.82	0.59
30	Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	Tamil Nadu	8.68	7.94	3.70	2.53	4.22	2.63	6.01	5.30
32	Telangana	13.90	15.49	2.90	2.43	1.70	1.74	9.40	9.64
33	Tripura	0.26	0.29	0.08	0.02	0.17	0.09	0.00	0.01
34	Uttar Pradesh	58.50	54.96	20.00	20.08	2.50	2.75	9.00	5.09
35	Uttarakhand	2.35	3.54	0.35	0.35	0.05	0.05	0.39	0.32
36	West Bengal	12.15	12.73	3.95	2.89	2.75	2.59	10.10	9.42
	All India	289.09	296.07	100.57	88.23	33.36	28.21	102.58	86.58

Cumulative Requirement and Consumption of All Fertilizers during the year of 2017-18

fig. in LMT

S. NO	States	UREA		DAP		MOP		NPKS	
		Require ment	Consu mption	Require ment	Consu mption	Require ment	Consu mption	Requir ement	Consu mption
1	Andaman & Nicobar	0.01	0.01	0.01	0.00	0.01	0.00	0.01	0.00
2	Andhra Pradesh	15.50	14.09	3.75	3.26	2.41	2.89	11.50	10.62
3	Arunachal Pradesh	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00
4	Assam	2.95	3.71	0.55	0.57	0.65	0.81	0.05	0.13
5	Bihar	21.00	20.39	5.75	6.82	1.90	2.45	3.00	2.82
6	Chandigarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Chattisgarh	6.56	6.63	3.40	3.26	1.00	0.73	1.60	0.81
8	Dadra & Nagar Haveli	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00
9	Daman & Diu	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	Delhi	0.09	0.13	0.05	0.03	0.02	0.00	0.03	0.00
11	GOA	0.03	0.02	0.02	0.02	0.02	0.01	0.04	0.02
12	Gujarat	20.00	22.39	4.80	5.47	1.60	1.61	5.20	6.80
13	Haryana	18.00	20.62	6.20	5.47	0.65	0.72	0.55	0.19
14	Himachal Pradesh	0.66	0.70	0.02	0.00	0.10	0.11	0.37	0.30
15	J&K	1.28	1.51	0.65	0.65	0.26	0.38	0.00	0.01
16	Jharkhand	2.40	2.22	1.00	0.82	0.07	0.03	0.33	0.14
17	Karnataka	13.50	13.48	6.00	4.90	3.50	2.54	12.50	11.64
18	Kerala	1.10	1.33	0.35	0.31	1.10	1.02	1.45	1.17
19	Lakshadweep	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	Madhya Pradesh	22.00	24.49	10.50	11.06	1.25	1.08	3.15	2.93
21	Maharashtra	26.62	23.58	7.22	6.66	4.50	4.24	20.50	19.71
22	Manipur	0.22	0.21	0.06	0.00	0.05	0.00	0.00	0.00
23	Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	Mizoram	0.07	0.06	0.02	0.00	0.02	0.00	0.00	0.00
25	Nagaland	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00
26	Odisha	5.25	5.26	2.20	1.73	1.35	1.22	3.10	2.23
27	Puducherry	0.14	0.11	0.02	0.01	0.03	0.01	0.06	0.05
28	Punjab	25.50	28.06	9.00	6.85	1.10	0.83	0.43	0.32
29	Rajasthan	18.50	16.80	5.83	5.37	0.25	0.26	0.60	0.59
30	Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	Tamil Nadu	9.00	8.81	3.50	2.44	3.31	2.96	6.00	5.35
32	Telangana	13.80	14.02	2.60	2.53	1.80	2.06	9.00	10.17
33	Tripura	0.43	0.23	0.06	0.01	0.14	0.00	0.02	0.00
34	Uttar Pradesh	58.50	58.92	21.30	18.08	3.50	2.97	7.50	5.21
35	Uttarakhand	2.35	3.10	0.40	0.29	0.06	0.06	0.45	0.32
36	West Bengal	12.50	12.41	3.50	3.23	3.25	2.93	10.75	9.21
	All India	298.00	303.31	98.77	89.85	33.90	31.93	98.19	90.75

Cumulative Requirement and Consumption of All Fertilizers during the year of 2018-19									
fig. in LMT									
S. No	States	UREA		DAP		MOP		NPKS	
		Requir ement	Consu mption	Requir ement	Consu mption	Requir ement	Consu mption	Requir ement	Consu mption
1	Andaman and Nicobar Islands	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00
2	Andhra Pradesh	16.70	14.18	3.76	3.14	2.86	2.41	12.50	11.38
3	Arunachal Pradesh	0.04	0.00	0.01	0.00	0.02	0.00	0.00	0.00
4	Assam	3.35	4.39	0.65	0.58	0.80	0.79	0.05	0.14
5	Bihar	21.00	22.34	5.00	5.87	2.10	2.03	3.50	3.19
6	Chandigarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Chhattisgarh	6.00	8.18	3.50	3.31	1.20	0.71	1.50	0.94
8	Dadra and Nagar Haveli	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00
9	Daman and Diu	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	Delhi	0.08	0.21	0.04	0.02	0.02	0.00	0.02	0.00
11	Goa	0.03	0.02	0.02	0.02	0.01	0.00	0.03	0.03
12	Gujarat	19.60	20.06	5.00	4.31	1.41	1.32	4.65	5.98
13	Haryana	19.00	21.66	6.20	5.48	0.85	0.70	0.27	0.38
14	Himachal Pradesh	0.66	0.73	0.00	0.00	0.10	0.06	0.38	0.26
15	Jammu and kashmir	1.33	1.32	0.72	0.49	0.26	0.23	0.00	0.00
16	Jharkhand	2.40	2.39	1.05	0.69	0.12	0.01	0.35	0.29
17	Karnataka	14.00	13.91	5.87	4.88	4.00	2.64	11.71	13.31
18	Kerala	1.40	0.95	0.27	0.21	1.24	0.84	1.67	1.16
19	Lakshadweep	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	Madhya Pradesh	23.00	29.51	11.50	12.63	1.25	1.08	2.80	3.89
21	Maharashtra	22.00	22.81	6.70	5.61	4.50	3.86	18.00	19.72
22	Manipur	0.24	0.24	0.12	0.00	0.12	0.00	0.00	0.00
23	Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	Mizoram	0.09	0.07	0.06	0.00	0.04	0.00	0.00	0.00
25	Nagaland	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00
26	Odisha	5.75	4.96	2.15	1.69	1.45	1.08	3.00	2.23
27	Puducherry	0.11	0.13	0.01	0.01	0.03	0.02	0.06	0.04
28	Punjab	25.50	29.17	8.50	7.02	1.10	0.56	0.68	0.55
29	Rajasthan	19.00	20.92	6.15	6.71	0.30	0.29	0.55	0.91
30	Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	Tamil Nadu	8.50	9.11	3.00	2.31	3.50	2.67	5.50	5.53
32	Telangana	15.00	13.83	3.20	2.23	2.60	1.41	10.50	10.51
33	Tripura	0.39	0.11	0.06	0.00	0.14	0.00	0.02	0.00
34	Uttarakhand	2.35	2.75	0.33	0.22	0.05	0.03	0.39	0.32
35	Uttar Pradesh	59.50	62.86	21.00	17.17	3.50	1.82	9.00	6.13
36	West Bengal	13.00	13.23	3.50	2.75	3.25	2.42	10.54	8.79
	All India	300.04	320.04	98.40	87.35	36.81	26.98	97.68	95.66

Cumulative Requirement and Consumption of All Fertilizers during the year of 2019-20

fig. in LMT

S. No	States	UREA		DAP		MOP		NPKS	
		Require ment	Consum ption	Require ment	Consum ption	Require ment	Consum ption	Require ment	Consum ption
1	Andaman and Nicobar Islands	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.00
2	Andhra Pradesh	17.50	14.26	3.00	3.52	2.70	2.42	12.00	13.52
3	Arunachal Pradesh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	Assam	3.10	3.63	0.63	0.65	0.71	0.71	0.16	0.18
5	Bihar	21.00	22.65	6.00	7.44	2.30	2.46	3.50	3.31
6	Chandigarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Chhattisgarh	6.00	7.96	3.10	3.56	0.96	0.92	1.20	0.94
8	Dadra and Nagar Haveli	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	Daman and Diu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	Delhi	0.16	0.25	0.04	0.04	0.01	0.00	0.02	0.00
11	Goa	0.02	0.02	0.02	0.00	0.01	0.00	0.03	0.03
12	Gujarat	22.00	23.63	5.00	5.18	1.40	1.25	5.46	6.64
13	Haryana	21.00	20.88	6.30	5.89	0.95	0.58	0.40	0.23
14	Himachal Pradesh	0.69	0.74	0.01	0.01	0.09	0.07	0.40	0.32
15	Jammu and Kashmir	1.38	0.96	0.68	0.35	0.26	0.16	0.02	0.01
16	Jharkhand	2.60	2.41	1.00	0.79	0.13	0.03	0.45	0.38
17	Karnataka	17.91	14.63	6.49	5.54	4.80	2.59	14.21	14.70
18	Kerala	1.17	1.14	0.33	0.17	1.25	0.89	1.20	1.32
19	Lakshadweep	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	Madhya Pradesh	28.50	29.99	13.00	13.46	1.50	1.13	3.75	3.74
21	Maharashtra	26.00	24.19	7.50	6.07	4.75	3.24	21.00	21.90
22	Manipur	0.27	0.26	0.12	0.05	0.12	0.01	0.00	0.00
23	Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	Mizoram	0.09	0.08	0.06	0.00	0.04	0.00	0.00	0.00
25	Nagaland	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00
26	Odisha	5.35	5.56	2.15	1.99	1.35	1.21	3.00	2.53
27	Puducherry	0.13	0.11	0.02	0.01	0.03	0.01	0.05	0.07
28	Punjab	26.50	29.64	8.25	7.29	1.45	0.64	0.76	0.38
29	Rajasthan	22.50	22.97	8.00	8.38	0.30	0.26	0.55	0.62
30	Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	Tamil Nadu	10.00	9.13	3.30	2.46	2.85	2.52	5.25	6.17
32	Telangana	15.50	15.20	3.20	2.32	2.60	1.71	11.60	12.21
33	Tripura	0.33	0.17	0.06	0.02	0.10	0.07	0.02	0.01
34	Uttarakhand	2.35	2.45	0.33	0.44	0.07	0.07	0.35	0.24
35	Uttar Pradesh	70.00	70.95	21.00	21.94	3.50	2.40	9.00	5.56
36	West Bengal	13.20	13.11	3.70	3.43	3.90	2.42	10.44	9.98
	All India	335.26	336.96	103.30	101.01	38.12	27.80	104.82	105.01

Cumulative Requirement and Consumption of All Fertilizers during the year of 2020-21

S. No	State	fig. in LMT							
		UREA		DAP		MOP		NPKS	
		Require ment	Consum ption	Require ment	Consum ption	Require ment	Consum ption	Require ment	Consum ption
1	Andaman and Nicobar Islands	0.01	0.00	0.02	0.00	0.01	0.00	0.01	0.00
2	Andhra Pradesh	17.50	15.92	4.00	4.21	2.80	2.94	13.50	17.27
3	Arunachal Pradesh	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00
4	Assam	4.15	3.46	0.83	0.79	0.82	0.80	0.20	0.14
5	Bihar	22.00	23.30	7.00	8.12	2.50	2.61	3.50	3.63
6	Chandigarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Chhattisgarh	6.50	9.17	3.35	4.51	1.01	1.12	1.60	1.19
8	Dadra and Nagar Haveli	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00
9	Daman and Diu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	Delhi	0.23	0.22	0.05	0.04	0.02	0.00	0.02	0.00
11	Goa	0.02	0.02	0.02	0.00	0.01	0.01	0.03	0.03
12	Gujarat	24.00	23.82	5.00	6.55	1.30	1.51	5.35	7.79
13	Haryana	21.00	21.52	6.30	6.32	0.70	0.60	0.40	0.23
14	Himachal Pradesh	0.70	0.72	0.02	0.02	0.09	0.08	0.41	0.34
15	Jammu and kashmir	1.43	2.16	0.79	0.80	0.26	0.48	0.00	0.02
16	Jharkhand	2.60	2.58	1.00	1.08	0.11	0.05	0.38	0.36
17	Karnataka	16.50	16.43	6.50	6.82	3.15	3.35	14.15	18.24
18	Kerala	1.13	1.27	0.19	0.21	0.85	1.09	1.25	1.44
19	Lakshadweep	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	Madhya Pradesh	31.00	30.18	13.55	16.07	1.50	1.50	3.75	3.98
21	Maharashtra	25.00	24.62	7.00	8.17	4.50	4.09	21.00	26.89
22	Manipur	0.27	0.22	0.16	0.04	0.14	0.03	0.00	0.00
23	Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	Mizoram	0.09	0.02	0.05	0.00	0.04	0.00	0.00	0.00
25	Nagaland	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
26	Odisha	5.65	5.27	2.20	2.52	1.30	1.38	2.80	2.65
27	Puducherry	0.13	0.14	0.02	0.01	0.02	0.02	0.04	0.09
28	Punjab	28.30	29.37	8.25	7.73	1.50	0.85	0.76	0.36
29	Rajasthan	22.00	23.21	8.00	9.17	0.30	0.32	0.55	0.64
30	Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	Tamil Nadu	10.00	9.88	3.25	2.72	3.10	3.07	6.30	7.38
32	Telangana	19.50	17.54	2.70	3.14	2.60	2.47	13.50	15.18
33	Tripura	0.25	0.14	0.06	0.05	0.10	0.04	0.02	0.01
34	Uttarakhand	2.25	2.40	0.40	0.38	0.10	0.06	0.38	0.31
35	Uttar Pradesh	74.00	74.13	23.00	25.76	3.50	2.78	8.00	6.26
36	West Bengal	14.43	12.78	4.05	3.94	3.20	3.06	10.12	11.39
	All India	350.64	350.51	107.76	119.18	35.51	34.32	108.00	125.82

Cumulative Requirement and Consumption of All Fertilizers during the year 2021-22(UPTO FEB 2022)									
fig. in LMT									
S. No	States	Urea		DAP		MOP		NPK	
		Requirement	Consumption	Requirement	Consumption	Requirement	Consumption	Requirement	Consumption
1	Andaman & Nicobar	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
2	Andhra Pradesh	15.96	13.33	4.17	3.46	2.79	1.65	15.63	13.16
3	Arunachal Pradesh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	Assam	3.39	3.15	0.85	0.52	0.78	0.51	0.16	0.18
5	Bihar	21.10	19.95	7.35	5.26	2.45	1.30	3.90	3.76
6	Chandigarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Chattisgarh	6.67	7.51	3.72	3.47	0.98	0.97	1.24	1.28
8	Dadra & Nagar Haveli	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00
9	Daman & Diu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	Delhi	0.18	0.24	0.04	0.04	0.01	0.00	0.02	0.00
11	GOA	0.02	0.02	0.01	0.00	0.01	0.00	0.02	0.03
12	Gujarat	23.10	20.38	4.65	4.65	1.15	1.04	5.60	6.41
13	Haryana	20.00	20.17	5.80	4.80	0.55	0.63	0.67	0.58
14	Himachal Pradesh	0.77	0.70	0.02	0.01	0.08	0.05	0.38	0.28
15	J&K	1.21	1.37	0.73	0.38	0.32	0.17	0.03	0.02
16	Jharkhand	2.55	2.37	1.00	0.87	0.20	0.04	0.46	0.44
17	Karnataka	15.42	16.36	5.93	5.36	2.79	2.44	15.90	17.59
18	Kerala	1.17	1.08	0.20	0.14	1.03	0.77	1.40	1.22
19	Lakshadweep	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	Madhya Pradesh	34.75	28.51	19.25	11.79	1.70	1.16	4.25	4.90
21	Maharashtra	24.30	21.43	8.20	5.39	4.32	3.18	20.36	24.57
22	Manipur	0.27	0.19	0.14	0.03	0.14	0.00	0.00	0.01
23	Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	Mizoram	0.09	0.02	0.06	0.00	0.04	0.00	0.00	0.00
25	Nagaland	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00
26	Odisha	5.20	4.95	2.59	2.23	1.36	1.04	2.69	2.37
27	Puducherry	0.11	0.13	0.01	0.01	0.02	0.01	0.06	0.06
28	Punjab	27.00	29.68	7.95	6.10	0.95	0.73	0.74	1.26
29	Rajasthan	20.75	22.06	7.65	5.97	0.29	0.28	0.60	1.19
30	Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	Tamil Nadu	9.65	9.51	2.79	2.23	2.82	2.37	6.48	7.58
32	Telangana	18.30	15.39	4.10	2.92	2.90	1.30	18.00	12.83
33	Tripura	0.26	0.21	0.04	0.03	0.09	0.02	0.02	0.02
34	Uttar Pradesh	2.10	1.95	0.31	0.26	0.09	0.05	0.28	0.24
35	Uttarakhand	76.00	67.81	28.00	19.64	3.40	1.86	7.50	6.20
36	West Bengal	13.44	11.68	3.83	2.38	3.49	1.73	9.50	9.51
	All India	343.78	320.19	119.42	87.92	34.76	23.30	115.89	115.68

Consumption of Selected (Tech.Grade) (state-wise) During 2015-16 to 2019-20

(Figures in MT)

S.No	States/UTs	2015-16	2016-17	2017-18	2018-19	2019-20
1	Andhra Pradesh	2,713	2,015	1,738	1,689	1,559
2	Bihar	831	790	840	850	850
3	Chhattigarh	1,625	1,660	1,685	1,770	1,672
4	Goa	48	22	24	25	30
5	Gujarat	1,980	1,713	1,692	1,608	1,784
6	Haryana	4,100	4,050	4,025	4,015	4,200
7	Himachal Pradesh	450	341	467	322	881
8	Jharkhand	493	541	619	646	681
9	Karnataka	1,434	1,288	1,502	1,524	1,568
10	Kerala	1,123	895	1,067	995	656
11	Madhya Pradesh	732	694	502	540	540
12	Maharashtra	11,665	13,496	15,568	11,746	12,783
13	Orissa	994	1,050	1,633	1,609	1,115
14	Punjab	5,743	5,843	5,835	5,543	4,995
15	Rajasthan	2,475	2,269	2,307	2,290	2,088
16	Tamil Nadu	2,096	2,092	1,929	1,901	2,225
17	Telangana	993	3,436	4,866	4,894	4,915
18	Uttar Pradesh	10,457	10,614	10,824	11,049	12,217
19	Uttarakhand	217	198	210	195	224
20	West Bengal	3,712	2,624	2,982	3,190	3,630
Sub Total		53,881	55,631	60,315	56,401	58,613
North-Eastern						
21	Arunachal Pradesh	17	18	NR	5	5
22	Assam	185	306	241	256	410
23	Manipur	30	33	27	NR	25
24	Meghalaya	ORGANIC STATE	ORGANIC STATE	ORGANIC STATE	ORGANIC STATE	ORGANIC STATE
25	Mizoram	NR	9	NR	26	27
26	Nagaland	20	20	20	21	19
27	Sikkim	ORGANIC STATE	ORGANIC STATE	ORGANIC STATE	ORGANIC STATE	ORGANIC STATE
28	Tripura	293	298	330	349	364
Sub Total		545	684	618	657	850
Union Territories						
29	Andaman & Nicobar	NR	NR	NR	NR	NR
30	Chandigarh	NR	NR	NR	NR	NR
31	Dadra & Nagar Haveli	NR	NR	NR	NR	NR
32	Daman & Diu	NR	NR	NR	NR	NR
33	Delhi	NR	88	NR	110	NR

34	Jammu & Kashmir	2,251	2,188	2,430	2,459	2,198
35	Lakshadweep	NR	NR	NR	NA	NA
36	Pondicherry	43	43	43	42	40
Sub Total		2,294	2,319	2,473	2,611	2,238
Grand Total		56,720	58,634	63,406	59,669	61,701

Note: states /Uts Zonal Conference on Inputs (Plant Protection). NR- Not reported

Source: Directorate of Plant Protection, Quarantine & Storage, Department of Agriculture Co-operation , Ministry of Agriculture and Farmers Welfare

Annexure-III A

Production of Pesticides (Tech.) during the year 2015-16 to 2019-20

(Fig. in 000' MTs)

Year	2015-16	2016-17	2017-18	2018-19	2019-2020
Pesticides (Tech.)	188	214	213	217	192
