

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

**LOK SABHA**  
**UNSTARRED QUESTION NO.1788**  
TO BE ANSWERED ON THE 6<sup>TH</sup> MARCH, 2018

**PRODUCTION OF PESTICIDES**

1788. SHRI ARVIND SAWANT:

Will the Minister of AGRICULTURE AND FARMERS WELFARE ऋÖŠääÓä एवं किसान कल्याण ½ää"ääè be pleased to state:

- whether the production of pesticides has increased during the last three years and the current year, if so, the details thereof, year-wise and quantum-wise;
- whether banned pesticides are still being produced/sold in the country, if so, the reasons therefor along with the corrective steps taken by the Government in this regard;
- whether different pesticides are being exported to several countries; and
- if so, the quantum of such pesticides exported during the last three years and the current year, details thereof, country-wise?

**ANSWER**

MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND FARMERS WELFARE

ऋÖŠääÓä एवं किसान कल्याण ½ää"ääÈä¼ä ½añâ Ää¼ä ½ää"ääè ( SHRI PARSHOTTAM RUPALA)

(a): As per the information received from Department of Chemicals and Petrochemicals, the production details of selected Pesticides and Insecticides (Technical Grade) from 2014-15 to 2016-17 is at Annexure I. The details are based on Monthly Production Returns received from 32 manufacturers under large and medium scale only.

(b): The Ministry of Agriculture and Farmers Welfare is implementing "Monitoring of Pesticide Residues at National Level" (MPRNL) scheme, under which food commodities are collected and analyzed for the presence of pesticide residues. No residues of the banned pesticides have been detected in food commodities under MPRNL Scheme. The Monitoring of quality of pesticides is a shared responsibility between the Central and State Governments. Central Government and State Governments have notified Insecticides Inspectors to check sale of misbranded pesticides. Insecticide samples are drawn on regular basis and analyzed in State Pesticides Testing Laboratories (SPTLs) and at the two Regional Pesticides Testing Laboratories at Chandigarh and Kanpur. Action is initiated under the provisions of the Insecticides Act, 1968 against those samples which are found misbranded.

(c) & (d): As per information received from Department of Chemicals and Petrochemicals, the export details of selected Pesticides and Insecticides (Technical

and Formulation both) from 2014-15 to 2016-17 is at Annexure II ( source of the data is Directorate General of Commercial Intelligence and Statistics, Kolkata).

**Annexure I**

**Production of Pesticides and Insecticides (Technical Grade) during 2014-15 to 2016-17**

(Figures in 000'MT)

Major Groups / Products	Year		
	2014-15	2015-16	2016-17
D.D.T	3.63	2.09	2.26
MALATHION	2.24	2.04	2.26
DIMETHOATE	1.43	1.44	1.37
D.D.V.P.	6.66	7.22	8.13
QUINALPHOS	1.88	0.84	1.29
MONOCROTOPHOS	6.97	5.48	6.58
PHOSPHAMIDON	0.13	0.13	0.09
PHORATE	6.62	5.92	5.91
ETHION	1.60	1.72	2.11
ENDOSULPHAN	0.00	0.00	0.00
FENVALERATE	0.51	0.56	0.53
CYPERMETHRIN	8.59	8.53	7.88
ACEPHATE	17.97	16.58	16.27
CHLORPYRIPHOS	9.73	6.87	5.87
TRIAZOPHOS	1.00	1.72	2.37
TEMEPHOS	0.00	0.08	0.08
DELTAMETHRIN	0.51	0.38	0.37
ALPHAMETHRIN	0.75	0.23	0.10
PROFENOFOS TECHNICAL	7.58	6.85	10.50
PRETILACHLOR TECHNICAL	1.88	1.94	2.58
LAMBDA CYHALOTHRIN	0.47	0.42	0.74
PHENTHOATE	1.40	1.11	1.14
PERMETHRIN TECH	1.70	1.30	1.10
IMIDACALOPRID TECH	0.56	0.20	0.18
CAPTAN & CAPTAFOL	2.38	2.12	1.79
ZIRAM(THIO BARBAMATE)	0.58	0.51	0.60
CARBENDZIM(BAVISTIN)	0.36	0.24	0.13
MANCOZAB	61.40	66.38	78.48
HEXACONAZOLE	0.59	0.62	0.46
METCONAZOLE	0.61	0.39	0.35
2, 4-D	11.62	18.46	23.36
BUTACHLOR	0.00	0.00	0.00
ETHOFUMESATE TECHNICAL	0.62	0.50	1.04
THIAMETHOXAM TECHNICAL	1.66	1.92	2.51
PENDIMETHALIN	2.26	2.82	4.04
METRIBUZIN	0.52	0.91	1.12
TRICLOPYR ACID TECH	0.19	0.30	0.28
ISOPROTURON	2.43	1.95	0.13
GLYPHOSATE	9.69	6.96	6.35
DIURON	0.12	1.26	3.68
ATRAZIN	1.20	1.21	1.90
ZINC PHOSPHIDE	1.29	1.50	1.31
ALUMINIUM PHOSPHIDE	5.05	5.75	6.40
DICOFOL	0.11	0.09	0.09
<b>Total</b>	<b>186.47</b>	<b>187.52</b>	<b>213.72</b>

**Note: Production data based on MPR received from large and medium scale units only.**

## Annexure-II

<b>EXPORT OF PESTICIDES AND INSECTICIDES (Technical and Formulations both) DURING 2014 -2015</b>			
<b>SI No.</b>	<b>COUNTRY</b>	<b>QUANTITY(MT)</b>	<b>VALUE(RS.Lakhs)</b>
<b>MALATHION</b>			
1	AFGHANISTAN TIS	1.3	1.398
2	ECUADOR	4.6	11.968
3	EGYPT A RP	682.5	1244.609
4	IRAQ	3	7.936
5	JORDAN	5	12.749
6	MALAYSIA	39	73.457
7	MALDIVES	0.1	0.359
8	MEXICO	263.5	485.934
9	NEPAL	0.45	0.348
10	NIGERIA	24	41.007
11	PHILIPPINES	136.5	265.536
12	SAUDI ARAB	63.71	131.332
13	SPAIN	29	54.2
14	TANZANIA REP	6.85	15.395
	<b>Product Total</b>	<b>1259.51</b>	<b>2346.228</b>
<b>DIMETHOATE</b>			
1	AFGHANISTAN TIS	1.3	1.383
2	ALGERIA	9.6	34.899
3	BANGLADESH PR	65	166.844
4	IRAQ	2	7.267
5	ITALY	15.92	61.504
6	MALDIVES	1.925	2.599
7	NEPAL	2.76	4.097
8	UGANDA	270.51	1048.301
	<b>Product Total</b>	<b>369.015</b>	<b>1326.895</b>
<b>D.D.V.P.</b>			
1	ARGENTINA	93.75	167.641
2	BRAZIL	36	86.652
3	CONGO D. REP.	1	1.318
4	CUBA	7	16.525
5	IRAN	12.6	27.782
6	JAPAN	52	114.258
7	MEXICO	90	167.324
8	NEPAL	2.9	5.553
9	NEW ZEALAND	5	11.659
10	PHILIPPINES	10	22.951
11	SENEGAL	0.185	1.088
12	SPAIN	3	5.146
13	TANZANIA REP	5	12.64
14	TURKEY	20	42.685
15	UGANDA	214.79	730.737

16	ZAMBIA	10.5	35.223
	Product Total	563.725	1449.181
<b>QUINALPHOS</b>			
1	BANGLADESH PR	71.4	205.778
2	NEPAL	12.619	16.705
3	SOUTH AFRICA	1.815	13.849
4	TANZANIA REP	5	18.65
5	VIETNAM SOC REP	905.215	3645.411
	Product Total	996.049	3900.393
<b>CYPERMETHRIN</b>			
1	AFGHANISTAN TIS	2	4.1
2	ALGERIA	23.9	102.051
3	ARGENTINA	264.975	1556.092
4	AUSTRALIA	12.875	114.648
5	BANGLADESH PR	281.2	503.904
6	BELGIUM	433	2777.726
7	BRAZIL	1002.55	6225.7
8	CAMEROON	23	39.122
9	CANADA	4	53.997
10	CHILE	20.31	73.186
11	CHINA P RP	343	1758.674
12	COLOMBIA	210.169	868.043
13	COSTA RICA	65.615	366.684
14	COTE D' IVOIRE	11.7	66.405
15	CUBA	22.05	118.291
16	ECUADOR	56.6	202.023
17	EGYPT A RP	90.275	641.902
18	ESTONIA	2.25	13.31
19	FINLAND	13.5	77.126
20	FRANCE	225.375	1428.225
21	GEORGIA	12	45.87
22	GERMANY	0.5	4.671
23	GHANA	21.6	38.063
24	GUATEMALA	49.375	276.077
25	INDONESIA	734.616	2597.773
26	IRAN	290.15	1546.024
27	ISRAEL	24.85	119.18
28	ITALY	18.7	120.363
29	JAMAICA	0.8	1.528
30	JORDAN	21.42	114.56
31	KAZAKHSTAN	2	25.229
32	KENYA	6	12.925
33	KOREA RP	73.6	429.856
34	LEBANON	14.6	50.603
35	LITHUANIA	2	11.547
36	MADAGASCAR	18.22	48.095
37	MALAWI	3.54	11.252
38	MALAYSIA	239.6	1085.444



39	MALDIVES	0.565	3.449
40	MAURITIUS	1.6	6.789
41	MEXICO	479.412	2849.627
42	MOROCCO	60.634	204.981
43	MOZAMBIQUE	4	16.02
44	MYANMAR	57	226.003
45	NEPAL	8.866	22.634
46	NETHERLAND	411.425	2738.424
47	NEW ZEALAND	0.4	2.664
48	NICARAGUA	58.24	160.663
49	NIGERIA	748.84	1427.138
50	PAKISTAN IR	41.4	165.837
51	PANAMA REPUBLIC	2	6.608
52	PARAGUAY	18.9	105.821
53	PERU	72.475	380.44
54	PHILIPPINES	192.441	682.739
55	PORTUGAL	0.1	1.27
56	QATAR	3.04	10.709
57	RUSSIA	135.25	426.901
58	SAUDI ARAB	233.705	955.506
59	SINGAPORE	71.9	465.966
60	SLOVAK REP	0.05	2.165
61	SLOVENIA	6	35.382
62	SOMALIA	17	45.812
63	SOUTH AFRICA	186.108	799.084
64	SPAIN	36.455	221.156
65	SURINAME	10.5	38.424
66	SYRIA	12	98.057
67	TAIWAN	31.66	174.248
68	TANZANIA REP	37.98	135.297
69	THAILAND	905.325	4848.615
70	TOGO	39.6	133.504
71	TRINIDAD	9.998	30.968
72	TUNISIA	1.5	11.278
73	TURKEY	265.005	1313.946
74	U ARAB EMTS	89.15	312.752
75	U K	225.1	1368.344
76	U S A	270.45	1820.114
77	UGANDA	296.8	794.203
78	UKRAINE	93.1	278.376
79	URUGUAY	61.433	310.636
80	UZBEKISTAN	9.4	45.836
81	VENEZUELA	22.166	96.312
82	VIETNAM SOC REP	616.09	3100.619
83	ZIMBABWE	0.1	1.656
	Product Total	10487.078	50407.244

<b>COPPER-OXYCHLORIDE</b>			
1	ALGERIA	10.296	36.51
2	BANGLADESH PR	19	53.348
3	ECUADOR	8	15.791
4	EGYPT A RP	278.981	784.673
5	IRAN	304	735.424
6	JORDAN	20	49.965
7	LEBANON	6	18.32
8	MADAGASCAR	5	18.93
9	MOROCCO	18	53.531
10	MYANMAR	13	30.337
11	NEPAL	5.175	9.708
12	PAKISTAN IR	29	61.399
13	PHILIPPINES	20	48.916
14	SAUDI ARAB	5	25.976
15	SINGAPORE	18.5	54.425
16	SRI LANKA DSR	10	27.068
17	SYRIA	5	13.726
18	TANZANIA REP	5	18.479
19	UGANDA	8	25.272
20	VIETNAM SOC REP	79	229.166
	<b>Product Total</b>	<b>866.952</b>	<b>2310.963</b>
<b>2, 4-D</b>			
1	ARGENTINA	955	1640.353
2	AUSTRALIA	263.44	456.71
3	BRAZIL	486	877.81
4	COLOMBIA	350	484.774
5	COSTA RICA	306	518.343
6	COTE D' IVOIRE	171.6	261.161
7	DOMINICA	13.6	21.215
8	ECUADOR	128	195.896
9	ETHIOPIA	576	999.901
10	GUATEMALA	160	253.488
11	GUINEA	45.56	68.228
12	INDONESIA	252	417.65
13	IRAN	128	206.842
14	IRAQ	11.604	20.862
15	JORDAN	11.5	19.918
16	KENYA	48	70.877
17	MALAYSIA	624	991.192
18	MEXICO	244	334.152
19	MOROCCO	69.28	96.053
20	NEPAL	3.555	4.258
21	PHILIPPINES	108	166.86
22	RUSSIA	160	277.083
23	SAUDI ARAB	3.6	4.966

24	SINGAPORE	68	98.873
25	SOUTH AFRICA	80.8	114.435
26	SRI LANKA DSR	0.025	0.116
27	SUDAN	149.6	268.381
28	TAIWAN	51	89.732
29	TANZANIA REP	92	138.733
30	THAILAND	2153.72	3259.763
31	TURKEY	528	826.796
32	U S A	2115	3978.292
33	UGANDA	17	28.258
34	URUGUAY	29.7	47.562
35	VIETNAM SOC REP	534.575	855.252
	Product Total	10938.159	18094.789
<b>ISOPROTURON</b>			
1	NETHERLAND	2148.9	7937.357
2	NEW ZEALAND	1	4.575
3	U S A	0.25	30.125
	Product Total	2150.15	7972.057
<b>ALUMINIUM PHOSPHIDE</b>			
1	AFGHANISTAN TIS	16.363	66.275
2	ALBANIA	0.991	4.494
3	BANGLADESH PR	30.2	45.577
4	EGYPT A RP	0.02	0.048
5	LIBERIA	57.124	52.695
6	MYANMAR	7.5	32.468
7	NEPAL	8.83	36.927
8	NETHERLAND	3.024	10.399
9	NIGERIA	40.136	73.58
10	PAKISTAN IR	8.294	34.705
11	POLAND	6.48	19.082
12	SPAIN	20.16	93.824
13	TAIWAN	1.008	4.849
14	TANZANIA REP	6.017	20.262
15	U K	1	4.467
16	VIETNAM SOC REP	15.591	62.787
	Product Total	222.738	562.44
<b>METHYL BROMIDE</b>			
1	EGYPT A RP	80	254.7
2	INDONESIA	80	284.175
3	IRAN	10	22.6
4	LIBYA	48	158.326
5	MALAYSIA	40	149.825
6	NEPAL	0.1	0.471
7	NEW ZEALAND	35	129.727
8	PHILIPPINES	9.792	41.132
9	VIETNAM SOC REP	247.873	899.17
	Product Total	550.765	1940.126



<b>OTHER HERBICIDES-ANTI SPROUTING PRODUCTS</b>			
1	AFGHANISTAN TIS	0.1	0.163
2	ALGERIA	11.72	83.136
3	ARGENTINA	324.24	3134.573
4	AUSTRALIA	668.21	12669.468
5	BANGLADESH PR	1005.95	1941.912
6	BARBADOS	16	37.015
7	BELGIUM	17	125.978
8	BENIN	0.02	0.059
9	BRAZIL	123.21	1450
10	CANADA	14.681	435.11
11	CHILE	50	79.621
12	CHINA P RP	167.92	1041.58
13	COLOMBIA	706.645	1983.504
14	COTE D' IVOIRE	57	186.237
15	DENMARK	2.504	78.161
16	DOMINIC REP	68.396	189.914
17	ECUADOR	66.5	195.403
18	EGYPT A RP	201.802	354.706
19	ETHIOPIA	25.992	111.219
20	FRANCE	2107.342	17068.342
21	GERMANY	710.376	7479.852
22	GHANA	21.232	65.671
23	GUATEMALA	35.2	156.729
24	GUINEA	65.4	169.494
25	INDONESIA	197.535	1256.454
26	IRAN	105.129	582.216
27	IRAQ	44.304	205.479
28	IRELAND	48	512.265
29	ISRAEL	1337.6	7102.165
30	ITALY	173.64	1494.173
31	JAPAN	610.461	9168.324
32	JORDAN	30.37	226.338
33	KAZAKHSTAN	0.14	0.516
34	KENYA	226.612	380.824
35	KOREA DP RP	2	21.383
36	KOREA RP	194.76	1254.686
37	LEBANON	8	24.556
38	LIBYA	6	45.025
39	MALAWI	2	16.951
40	MALAYSIA	159.12	607.859
41	MALDIVES	0.24	1.393
42	MEXICO	24.475	128.313
43	MOROCCO	662.554	415.262
44	MYANMAR	221.001	250.043
45	NEPAL	14.54	39.831

46	NETHERLAND	30	152.047
47	NEW ZEALAND	19.5	113.797
48	NIGERIA	74.492	250.566
49	PAKISTAN IR	154.645	463.61
50	PANAMA REPUBLIC	28	101.472
51	PARAGUAY	85	363.272
52	PHILIPPINES	6	30.923
53	POLAND	38	23.713
54	PUERTO RICO	210.8	12051.355
55	ROMANIA	0.012	0.472
56	RUSSIA	19.2	221.834
57	SAUDI ARAB	22.56	89.075
58	SENEGAL	16.505	37.338
59	SINGAPORE	724.781	4444.713
60	SOUTH AFRICA	1010.654	6672.031
61	SPAIN	63.58	515.561
62	SRI LANKA DSR	112.96	749.03
63	SUDAN	61.62	271.389
64	SWITZERLAND	16.005	84.819
65	SYRIA	78	61.036
66	TAIWAN	146.435	605.533
67	TANZANIA REP	27	87.109
68	THAILAND	125.8	342.864
69	TURKEY	146.1	490.763
70	U K	728.805	2507.902
71	U S A	4611.503	47329.344
72	UGANDA	2	1.348
73	URUGUAY	2.29	47.429
74	VIETNAM SOC REP	51	170.631
75	ZAMBIA	0.05	0.343
76	ZIMBABWE	0.5	1.908
	Product Total	19149.718	151055.123
<b>OTHER FUNGICIDE NES</b>			
1	ALBANIA	15.476	47.094
2	ALGERIA	266.512	569.86
3	ANGOLA	128.22	236.273
4	ARGENTINA	546.02	978.088
5	AUSTRALIA	1719.557	3897.136
6	AUSTRIA	89.6	253.95
7	BANGLADESH PR	7733	6806.137
8	BELGIUM	3843.68	19492.302
9	BELIZE	39.821	132.933
10	BENIN	0.8	22.083
11	BOLIVIA	3	3.704
12	BRAZIL	5800.94	13940.637
13	BULGARIA	844.4	1679.945

14	BURUNDI	16.128	32.336
15	CAMEROON	1167.76	2156.005
16	CANADA	1059.36	1802.72
17	CHILE	344.5	585.031
18	CHINA P RP	2842.099	5515.478
19	COLOMBIA	2720.572	5741.969
20	CONGO P REP	12.6	24.282
21	COSTA RICA	2431.4	3573.505
22	COTE D' IVOIRE	31.62	59.185
23	CROATIA	213.2	231.009
24	CYPRUS	28.5	73.564
25	DENMARK	12	27.149
26	DJIBOUTI	30.4	70.569
27	DOMINIC REP	30.808	51.369
28	ECUADOR	698.8	1462.051
29	EGYPT A RP	1066.89	1907.472
30	EL SALVADOR	7.2	11.732
31	ESTONIA	12.8	40.589
32	ETHIOPIA	259.365	787.159
33	FRANCE	7170.805	17403.345
34	GEORGIA	67	114.309
35	GERMANY	1003.781	6393.037
36	GHANA	62.02	135.794
37	GREECE	329.68	710.126
38	GUATEMALA	821.1	1370.377
39	GUINEA	41.4	54.614
40	HAITI	64.32	115.08
41	HONDURAS	45.6	82.526
42	HUNGARY	110	98.347
43	INDONESIA	5687.243	11167.787
44	IRAN	1031.63	1955.95
45	ISRAEL	575.14	1266.377
46	ITALY	4348.003	8374.727
47	JAMAICA	17.3	36.38
48	JAPAN	191.401	3007.012
49	JORDAN	110.99	183.781
50	KENYA	1153.959	2063.774
51	KOREA DP RP	100	145.692
52	KOREA RP	874.355	2814.661
53	KUWAIT	1	5.872
54	LATVIA	98	143.463
55	LEBANON	99.16	152.231
56	LIBYA	3	14.646
57	LITHUANIA	84	223.662
58	MACEDONIA	1.44	4.259

59	MADAGASCAR	118.12	201.078
60	MALAYSIA	1041.641	2247.072
61	MALDIVES	0.743	1.362
62	MAURITIUS	21.435	52.942
63	MEXICO	2310.385	3504.042
64	MOLDOVA	18.5	49.389
65	MOROCCO	2294.12	2501.515
66	MOZAMBIQUE	10.2	17.086
67	MYANMAR	252.76	402.036
68	NEPAL	146.217	327.524
69	NETHERLAND	7260.26	10727.883
70	NETHERLANDANTIL	0.05	0.105
71	NEW ZEALAND	402.865	821.777
72	NICARAGUA	41.968	73.059
73	NIGERIA	10.33	25.243
74	PAKISTAN IR	157.836	377.047
75	PANAMA REPUBLIC	3	5.177
76	PERU	316.048	512.964
77	PHILIPPINES	2922.42	6356.556
78	POLAND	311.04	907.184
79	PORTUGAL	1160.5	2773.094
80	ROMANIA	79.5	85.734
81	RUSSIA	28.64	63.164
82	RWANDA	452.05	695.268
83	SAUDI ARAB	41.16	85.161
84	SENEGAL	13.081	31.876
85	SERBIA	40.008	111.169
86	SERBIA MONTNGRO	19	36.557
87	SINGAPORE	133.96	330.104
88	SLOVENIA	260.49	512.468
89	SOUTH AFRICA	2790.056	4028.218
90	SPAIN	1800.485	3753.78
91	SRI LANKA DSR	561.73	910.198
92	SUDAN	11	7.804
93	SWAZILAND	5	14.47
94	SWEDEN	0	0.002
95	SWITZERLAND	237.701	1934.636
96	SYRIA	98.32	95.057
97	TAIWAN	482.36	875.462
98	TANZANIA REP	1392.496	1208.106
99	THAILAND	2624.74	7397.76
100	TUNISIA	51.5	97.631
101	TURKEY	1547.254	2329.412
102	U ARAB EMTS	12.026	20.278

103	U K	897.425	4418.537
104	U S A	4237.337	10305.595
105	UGANDA	2452.43	4176.688
106	UKRAINE	77.8	138.552
107	URUGUAY	239.3	466.08
108	VENEZUELA	30.4	43.761
109	VIETNAM SOC REP	1767.16	3818.909
110	YEMEN REPubLC	1.5	7.07
111	ZAMBIA	31.48	62.733
	<b>Product Total</b>	<b>99327.182</b>	<b>210197.528</b>
<b>OTHER PESTICIDES</b>			
1	AFGHANISTAN TIS	19	18.67
2	ALGERIA	15.534	94.326
3	ANGOLA	12.6	42.543
4	ARGENTINA	467.027	2214.927
5	AUSTRALIA	388.516	2330.642
6	AUSTRIA	0.15	7.294
7	BAHARAIN IS	13.823	58.681
8	BANGLADESH PR	1171.603	2583.898
9	BELARUS	0.5	19.718
10	BELGIUM	220.57	4414.977
11	BENIN	1.6	44.167
12	BRAZIL	2336.604	19996.32
13	BURKINA FASO	32.012	121.573
14	BURUNDI	3.52	14.642
15	CAMBODIA	7.07	28.362
16	CAMEROON	40.89	131.694
17	CANADA	577.76	1205.299
18	CHILE	49.1	197.899
19	CHINA P RP	544.073	4304.695
20	COLOMBIA	1164.593	3168.187
21	CONGO P REP	3	15.262
22	COSTA RICA	52.528	184.034
23	COTE D' IVOIRE	163.05	469.076
24	CUBA	25.4	71.753
25	CYPRUS	5.1	32.057
26	CZECH REPUBLIC	0.05	0.06
27	DJIBOUTI	18	85.182
28	DOMINIC REP	107.353	438.759
29	DOMINICA	11.564	62.445
30	EAST TIMOR	1.29	31.424
31	ECUADOR	42.7	179.999
32	EGYPT A RP	685.164	2893.085
33	EL SALVADOR	105.05	35.108
34	ESTONIA	15.4	69.514

35	ETHIOPIA	273.908	1142.849
36	FINLAND	4.998	11.312
37	FRANCE	102.434	557.67
38	GEORGIA	42.55	181.313
39	GERMANY	244.353	3433.37
40	GHANA	223.723	525.878
41	GREECE	1	5.352
42	GUATEMALA	126.909	541.046
43	HAITI	0.1	2.825
44	HONG KONG	4.6	55.348
45	HUNGARY	0.45	5.452
46	INDONESIA	977.532	3119.47
47	IRAN	1175.578	6707.918
48	IRAQ	0.003	0.011
49	IRELAND	0.002	0.001
50	ISRAEL	557.033	4238.422
51	ITALY	149.399	580.297
52	JAMAICA	16	38.54
53	JAPAN	577.651	4699.598
54	JORDAN	255.219	1170.841
55	KAZAKHSTAN	1.5	19.939
56	KENYA	496.709	1659.468
57	KOREA RP	338.035	4635.492
58	KUWAIT	0.005	0.358
59	LATVIA	11.928	33.564
60	LEBANON	56.612	256.454
61	LIBYA	28.714	162.595
62	LITHUANIA	21	193.27
63	MADAGASCAR	76.54	194.724
64	MALAWI	35.631	135.659
65	MALAYSIA	280.427	1305.73
66	MALDIVES	0.639	2.813
67	MALI	152.913	560.758
68	MAURITIUS	17.51	53.069
69	MEXICO	1449.862	5677.122
70	MOROCCO	489.621	1345.543
71	MOZAMBIQUE	141.73	748.474
72	MYANMAR	320.257	1115.812
73	NEPAL	2718.811	3906.659
74	NETHERLAND	653.863	3288.639
75	NEW ZEALAND	72.166	503.949
76	NICARAGUA	120.801	356.621
77	NIGER	1.2	18.623
78	NIGERIA	937.929	2062.834
79	OMAN	41.571	134.253

80	PAKISTAN IR	359.395	2579.811
81	PANAMA REPUBLIC	18.55	71.876
82	PAPUA N GNA	0.05	2.84
83	PARAGUAY	248.65	1309.198
84	PERU	111.196	620.416
85	PHILIPPINES	97.024	391.702
86	POLAND	70.413	193.156
87	PORTUGAL	3.6	31.385
88	QATAR	13.456	78.711
89	ROMANIA	1.5	19.098
90	RUSSIA	152.274	618.969
91	RWANDA	18.1	43.289
92	SAUDI ARAB	310.823	1409.78
93	SENEGAL	135.448	318.75
94	SINGAPORE	59.247	152.751
95	SLOVENIA	20	132.438
96	SOMALIA	64	164.356
97	SOUTH AFRICA	395.568	1729.328
98	SPAIN	158.867	792.542
99	SRI LANKA DSR	191.725	909.474
100	SUDAN	723.394	2123.367
101	SYRIA	1	9.522
102	TAIWAN	423.6	1451.579
103	TAJIKISTAN	23.175	71.514
104	TANZANIA REP	124.479	407.346
105	THAILAND	846.108	2754.986
106	TUNISIA	101.402	581.219
107	TURKEY	1057.13	5054.009
108	U ARAB EMTS	74.285	299.246
109	U K	1217.21	5600.636
110	U S A	7342.716	36831.282
111	UGANDA	81.408	230.348
112	UKRAINE	79	427.644
113	URUGUAY	627.076	2787.499
114	VENEZUELA	99.53	544.776
115	VIETNAM SOC REP	1009.724	6234.909
116	YEMEN REPubLC	47.499	274.569
117	ZAMBIA	51.63	144.519
118	ZIMBABWE	0.25	10.471
	Product Total	37862.112	178365.52
<b>OTHER INSECTICIDES</b>			
1	AFGHANISTAN TIS	17.494	64.847
2	ALGERIA	19.43	160.956
3	ARGENTINA	454.865	2020.708
4	AUSTRALIA	620.549	3887.854

5	AUSTRIA	0.72	18.913
6	BAHARAIN IS	0.47	3.816
7	BANGLADESH PR	2713.015	13181.096
8	BARBADOS	2.4	1.696
9	BELARUS	0.075	2.008
10	BELGIUM	1214.502	17042.529
11	BELIZE	3.76	7.559
12	BENIN	88	293.832
13	BRAZIL	18792.611	95820.199
14	BULGARIA	110	431.004
15	BURKINA FASO	19	70.385
16	BURUNDI	4.02	16.192
17	CAMBODIA	0.495	9.102
18	CAMEROON	9	29.621
19	CANADA	37.263	1139.017
20	CHILE	18	50.421
21	CHINA P RP	912.21	10204.704
22	COLOMBIA	402.582	4309.994
23	CONGO D. REP.	1.275	8.01
24	CONGO P REP	0.024	0.052
25	COSTA RICA	61.749	286.864
26	COTE D' IVOIRE	407.115	1527.063
27	CROATIA	65.013	59.37
28	CUBA	53.804	172.342
29	CZECH REPUBLIC	0.15	2.655
30	DENMARK	366.322	1491.946
31	DOMINIC REP	3.5	26.901
32	DOMINICA	1.804	18.826
33	ECUADOR	150.392	710.1
34	EGYPT A RP	801.112	3146.867
35	ERITREA	1	8.001
36	ETHIOPIA	134.841	555.781
37	FIJI IS	69.03	175.485
38	FINLAND	7.2	165.903
39	FRANCE	815.981	22268.856
40	GAMBIA	0.062	0.36
41	GEORGIA	26.8	145.068
42	GERMANY	1156.524	14591.921
43	GHANA	80.005	260.531
44	GREECE	15.33	55.46
45	GUATEMALA	71.706	435.482
46	GUINEA	12.48	82.093
47	HAITI	29.8	139.363
48	HONG KONG	20.375	470.025
49	INDONESIA	625.114	8307.012



50	IRAN	683.15	3123.339
51	ISRAEL	1040.79	4328.102
52	ITALY	268.318	5171.117
53	JAPAN	647.481	13296.811
54	JORDAN	112.511	540.315
55	KAZAKHSTAN	9	29.55
56	KENYA	147.335	480.794
57	KOREA RP	138.147	3179.661
58	LEBANON	52.14	252.855
59	LIBYA	1	31.966
60	MADAGASCAR	3.15	28.659
61	MALAWI	18	29.252
62	MALAYSIA	240.906	1513.223
63	MALDIVES	12.511	70.468
64	MAURITIUS	14.07	73.857
65	MEXICO	440.756	3562.229
66	MOROCCO	498.581	1670.349
67	MOZAMBIQUE	13.95	66.418
68	MYANMAR	123.517	387.057
69	NEPAL	299.566	520.728
70	NETHERLAND	338.648	6307.374
71	NEW ZEALAND	124.937	475.796
72	NICARAGUA	1.5	10.25
73	NIGERIA	665.263	1799.071
74	OMAN	5.6	35.287
75	PAKISTAN IR	346.548	1714.352
76	PANAMA REPUBLIC	4.8	44.189
77	PAPUA N GNA	11.81	24.869
78	PARAGUAY	88.08	436.791
79	PERU	61.278	233.759
80	PHILIPPINES	109.983	1271.751
81	POLAND	6.425	67.357
82	PORTUGAL	1.7	1.723
83	QATAR	2.55	26.535
84	ROMANIA	175	88.986
85	RUSSIA	145.02	479.026
86	RWANDA	1.9	7.314
87	SAUDI ARAB	296.9	1124.446
88	SENEGAL	1.129	8.438
89	SEYCHELLES	0.05	0.052
90	SINGAPORE	242.153	5358.219
91	SLOVENIA	18.5	16.266
92	SOUTH AFRICA	166.615	2247.101
93	SPAIN	579.628	2664.156

94	SRI LANKA DSR	750.513	2250.915
95	SUDAN	188.771	766.866
96	SURINAME	2.633	20.51
97	SYRIA	7.939	33.429
98	TAIWAN	547.822	3181.7
99	TANZANIA REP	809.892	564.617
100	THAILAND	298.887	2448.85
101	TRINIDAD	1.775	14.365
102	TUNISIA	60.18	230.945
103	TURKEY	187.988	1003.149
104	U ARAB EMTS	224.724	1007.367
105	U K	387.752	1798.753
106	U S A	2243.845	58968.092
107	UGANDA	385.291	1538.445
108	UKRAINE	58.035	134.582
109	UNSPECIFIED	0.8	1.334
110	URUGUAY	17	163.143
111	UZBEKISTAN	8.15	30.826
112	VENEZUELA	17.5	93.818
113	VIETNAM SOC REP	564.029	3236.016
114	YEMEN REPUBLC	114.804	528.958
115	ZAMBIA	1.8	6.935
116	ZIMBABWE	22.63	51.421
	Product Total	45482.625	344753.682

Source: DGCIS, Kolkata

**EXPORT OF PESTICIDES AND INSECTICIDES (Technical and Formulations both) DURING 2015 -2016**

SI No.	COUNTRY	QUANTITY(MT)	VALUE(RS.Lakhs)
<b>MALATHION</b>			
1	BANGLADESH PR	3	5.764
2	EGYPT A RP	278	504.714
3	IRAN	12	29.502
4	JORDAN	17	29.485
5	MALAYSIA	160	298.271
6	MEXICO	196	373.506
7	MYANMAR	28.1	63.05
8	NEPAL	0.012	0.028
9	PHILIPPINES	41	81.629
10	SAUDI ARAB	150.6	309.87
11	SOMALIA	25	58.092
12	SPAIN	75.75	143.76
13	SRI LANKA DSR	3.7	12.351
14	TAIWAN	10	18.788
15	UGANDA	10	14.417
	Product Total	1010.162	1943.23
<b>DIMETHOATE</b>			
1	BANGLADESH PR	16	41.584
2	MALDIVES	0.461	2.84
3	NEPAL	3.26	7.111
4	NIGERIA	0.013	0.008
	Product Total	19.734	51.543
<b>D.D.V.P.</b>			
1	ARGENTINA	112.5	197.188
2	BRAZIL	15	37.108
3	DOMINIC REP	8	24.556
4	IRAN	3	5.685
5	JAPAN	32	119.528
6	MADAGASCAR	26.5	70.814
7	MEXICO	18	33.608
8	NEPAL	3.54	8.555
9	NETHERLAND	37.5	52.011
10	NEW ZEALAND	2.5	6.916
11	NIGERIA	103.96	233.832
12	SPAIN	18	44.48
13	TANZANIA REP	25.56	79.216
14	U ARAB EMTS	1	4.507
15	UGANDA	131.72	506.757
16	ZAMBIA	10.8	36.647
	Product Total	549.58	1461.409

<b>QUINALPHOS</b>			
1	BANGLADESH PR	56.4	166.155
2	NEPAL	3.165	8.083
3	SINGAPORE	36.45	184.2
4	SOUTH AFRICA	0.675	5.4
5	TANZANIA REP	23.5	99.959
6	VIETNAM SOC REP	114.975	572.058
	<b>Product Total</b>	<b>235.165</b>	<b>1035.857</b>
<b>CYPERMETHRIN</b>			
1	AFGHANISTAN	3	17.912
2	ALGERIA	5	13.31
3	ARGENTINA	340.075	1991.718
4	AUSTRALIA	4.5	29.132
5	BANGLADESH PR	184.592	334.309
6	BELGIUM	510.2	3057.602
7	BRAZIL	798.485	4630.67
8	BURKINA FASO	18	87.799
9	CAMEROON	27.4	79.501
10	CANADA	3.6	51.983
11	CHILE	19.66	97.531
12	CHINA P RP	866.327	4195.599
13	COLOMBIA	235.587	987.052
14	COSTA RICA	177.4	934.277
15	COTE D' IVOIRE	12.6	66.54
16	CUBA	36.48	195.12
17	DOMINIC REP	0.5	2.929
18	ECUADOR	62	292.182
19	EGYPT A RP	54.325	384.991
20	FINLAND	13.5	81.578
21	FRANCE	189.005	1209.877
22	GERMANY	5.6	19.806
23	GHANA	18	27.54
24	GUATEMALA	96	494.735
25	HONDURAS	16.56	53.577
26	INDONESIA	348.7	1835.323
27	IRAN	278.625	1274.74
28	IRELAND	0.002	0.84
29	ISRAEL	27.725	179.66
30	ITALY	9.7	61.113
31	JORDAN	76.855	398.744
32	KAZAKHSTAN	0.2	3.525

33	KENYA	6.45	20.26
34	KOREA RP	82.575	470.307
35	LATVIA	8.1	45.926
36	MADAGASCAR	4.8	14.688
37	MALAWI	8.2	25.626
38	MALAYSIA	186.9	937.379
39	MALDIVES	0.224	1.977
40	MAURITIUS	1	4.169
41	MEXICO	484.362	2765.894
42	MONTENEGRO	1.125	7.255
43	MOROCCO	17	51.264
44	MYANMAR	93.7	323.288
45	NEPAL	7.855	12.453
46	NETHERLAND	408.875	2929.156
47	NEW ZEALAND	0.4	2.723
48	NICARAGUA	4.4	22.072
49	NIGERIA	118.5	207.434
50	PAKISTAN IR	46.515	285.225
51	PANAMA REPUBLIC	15.904	62.43
52	PARAGUAY	36.65	199.178
53	PERU	72.85	368.825
54	PHILIPPINES	37.85	160.577
55	POLAND	0.6	3.841
56	PORTUGAL	0.25	2.655
57	RUSSIA	82.29	407.541
58	SAUDI ARAB	139.975	554.743
59	SINGAPORE	78.125	486.879
60	SLOVAK REP	0.025	0.935
61	SLOVENIA	5	31.355
62	SOMALIA	36.25	96.302
63	SOUTH AFRICA	64.526	369.878
64	SPAIN	45.91	203.517
65	SUDAN	32.003	86.699
66	SURINAME	10.5	35.92
67	TAIWAN	30.4	187.048
68	TAJIKISTAN	7.5	28.694
69	TANZANIA REP	27	78.91
70	THAILAND	850	4388.536
71	TOGO	15.075	75.298
72	TUNISIA	8.8	46.272
73	TURKEY	236.32	1151.589
74	U ARAB EMTS	38.55	143.805
75	U K	16.076	247.459
76	U S A	222.844	1582.653
77	UGANDA	109.54	207.347
78	UKRAINE	3	8.466
79	URUGUAY	31.65	173.188
80	VENEZUELA	1.25	12.000

81	VIETNAM SOC REP	658.66	3327.81
	<b>Product Total</b>	<b>8836.557</b>	<b>45948.758</b>

<b>COPPER-OXYCHLORIDE</b>			
1	BANGLADESH PR	24	62.081
2	EGYPT A RP	190	422.584
3	INDONESIA	10	28.478
4	IRAN	379.49	801.641
5	JORDAN	20	39.235
6	KENYA	4	17.577
7	MALAWI	2.5	10.488
8	MALDIVES	0.005	0.038
9	MOROCCO	10	34.419
10	MYANMAR	19	43.933
11	NEPAL	0.55	1.929
12	PAKISTAN IR	26	42.692
13	PHILIPPINES	20	47.72
14	SINGAPORE	8	17.732
15	SYRIA	16	42.335
16	UGANDA	10.2	33.722
17	VIETNAM SOC REP	70	171.665
	<b>Product Total</b>	<b>809.745</b>	<b>1818.268</b>
<b>2, 4-D</b>			
1	ARGENTINA	2421.6	3596.016
2	AUSTRALIA	1169.21	1831.955
3	BANGLADESH PR	15	29.702
4	BRAZIL	4212.34	7049.117
5	COLOMBIA	501.44	649.791
6	COSTA RICA	378	508.194
7	COTE D' IVOIRE	352.865	537.305
8	DOMINIC REP	23.924	38.244
9	ECUADOR	40	63.54
10	ETHIOPIA	686.64	1165.163
11	GUATEMALA	120	161.485
12	GUINEA	54.68	75.878
13	INDONESIA	72	108.906
14	IRAN	110.22	149.477
15	IRAQ	0.03	0.091
16	KENYA	84.568	134.319
17	MALAYSIA	409.88	576.992
18	MEXICO	990	1234.228
19	MOROCCO	117.05	166.288
20	NEPAL	1.25	2.097
21	NIGERIA	108	143.077
22	PERU	16	18.138
23	RUSSIA	108	155.477
24	SINGAPORE	160	188.695
25	SOUTH AFRICA	199.962	282.611
26	SUDAN	196.99	382.083
27	TAIWAN	60	104.523

28	TANZANIA REP	134.71	170.368
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29	THAILAND	2173.342	2924.664
30	TURKEY	610	777.138
31	U S A	2860.8	5032.619
32	UGANDA	16	23.793
33	URUGUAY	66	83.741
34	VIETNAM SOC REP	978.215	1404.171
	Product Total	19448.716	29769.886
<b>ISOPROTURON</b>			
1	NETHERLAND	1086.8	3829.951
	Product Total	1086.8	3829.951
<b>ALUMINIUM PHOSPHIDE</b>			
1	AFGHANISTAN	9.72	27.876
2	ALBANIA	2.504	13.593
3	BANGLADESH PR	22.298	58.687
4	MYANMAR	11.002	42.231
5	NEPAL	6.507	25.06
6	QATAR	2	7.26
7	TAIWAN	2.016	10.494
8	U K	1	5.096
9	UGANDA	7.288	36.003
	Product Total	64.335	226.301
<b>METHYL BROMIDE</b>			
1	AUSTRALIA	144	485.648
2	EGYPT A RP	102.5	359.613
3	INDONESIA	96	301.107
4	KOREA RP	0.6	7.799
5	LIBYA	192	657.803
6	MALAYSIA	36	145.476
7	NEW ZEALAND	252	973.248
8	PHILIPPINES	24.48	106.321
9	SINGAPORE	10	40.063
10	VIETNAM SOC REP	416.703	1563.539
	Product Total	1274.283	4640.619
<b>OTHER HERBICIDES-ANTI SPROUTING PRODUCTS</b>			
1	ALGERIA	4	47.136
2	ARGENTINA	714.72	7199.903
3	AUSTRALIA	1317.84	22609.109
4	BANGLADESH PR	735.205	2239.81
5	BELGIUM	155.052	2150.822
6	BHUTAN	236.5	247.312
7	BRAZIL	495.046	6974.557
8	CANADA	11.96	319.495
9	CHILE	20	147.807
10	CHINA P RP	156.575	1138.1
11	COLOMBIA	1166.502	2866.618
12	COSTA RICA	158.7	443.742
13	COTE D' IVOIRE	212.87	583.81
14	DENMARK	0.094	4.482

15	DOMINIC REP	27	88.329
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16	ECUADOR	0.4	2.571
17	EGYPT A RP	202.846	677.457
18	ETHIOPIA	242.928	553.957
19	FRANCE	1654.482	13914.666
20	GERMANY	624.145	8477.078
21	GREECE	4	10.711
22	GUATEMALA	0.01	0.02
23	GUINEA	46.5	119.58
24	INDONESIA	204.595	2208.133
25	IRAN	153.511	838.549
26	IRAQ	2	5.418
27	IRELAND	52.8	588.413
28	ISRAEL	1839.4	10778.806
29	ITALY	61.466	643.23
30	JAPAN	1144.826	25986.946
31	JORDAN	3.7	14.138
32	KENYA	91.548	175.642
33	KOREA RP	390	5663.284
34	KUWAIT	1	99.338
35	LEBANON	8	39.037
36	MALAYSIA	135.76	575.138
37	MALDIVES	0.101	0.608
38	MEXICO	126.025	487.172
39	MOLDOVA	7.7	35.937
40	MOROCCO	286.26	441.111
41	MYANMAR	254.5	202.394
42	NEPAL	5.43	13.515
43	NETHERLAND	1163.7	4085.766
44	NEW ZEALAND	20	113.965
45	NICARAGUA	10	41.42
46	NIGERIA	93.5	186.459
47	PAKISTAN IR	301.546	1636.94
48	PANAMA REPUBLIC	31	146.252
49	PARAGUAY	79.87	393.446
50	PERU	1	3.576
51	PHILIPPINES	291.842	918.912
52	POLAND	95	52.546
53	PUERTO RICO	360.8	21369.826
54	RUSSIA	129.8	985.985
55	SENEGAL	17.642	47.847
56	SINGAPORE	807.2	11380.298
57	SLOVENIA	5	14.214
58	SOUTH AFRICA	1297.504	9222.602
59	SPAIN	36.769	233.393
60	SRI LANKA DSR	305.251	2254.193
61	SUDAN	123.132	387.377
62	SWITZERLAND	34.7	281.218
63	TAIWAN	102.42	619.613

64	TANZANIA REP	16.5	56.336
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65	THAILAND	482.715	1183.151
66	TUNISIA	6	19.826
67	TURKEY	65.3	359.137
68	U ARAB EMTS	129.96	659.456
69	U K	1229.034	4580.053
70	U S A	11602.494	83787.988
71	UGANDA	9	7.583
72	UKRAINE	17.96	103.081
73	URUGUAY	16	21.937
74	VENEZUELA	134.86	635.7
75	VIETNAM SOC REP	374.221	674.758
76	ZAMBIA	33	103.068
	Product Total	32380.717	266181.802
<b>OTHER FUNGICIDE NES</b>			
1	ALBANIA	21.19	68.31
2	ALGERIA	93.77	201.606
3	ANGOLA	21.65	42.684
4	ARGENTINA	668	1339.317
5	AUSTRALIA	3774.225	8654.469
6	AUSTRIA	74.24	240.73
7	BANGLADESH PR	9741.708	11022.376
8	BELGIUM	4981	18634.759
9	BELIZE	24.78	131.508
10	BHUTAN	4.88	11.998
11	BRAZIL	19811.435	41768.114
12	BULGARIA	438.6	979.201
13	CAMEROON	792.89	1645.693
14	CANADA	706.1	1362.732
15	CHILE	211.26	413.078
16	CHINA P RP	4785.027	10041.029
17	COLOMBIA	5423.814	11813.007
18	CONGO D. REP.	1.15	12.097
19	COSTA RICA	5238	7451.987
20	COTE D' IVOIRE	8	13.771
21	CROATIA	327.528	338.43
22	CUBA	1.32	27.601
23	CYPRUS	35	86.153
24	DJIBOUTI	14	32.138
25	DOMINIC REP	9.208	23.685
26	ECUADOR	546.67	1560.659
27	EGYPT A RP	710.022	1358.805
28	ESTONIA	12.8	29.995
29	ETHIOPIA	417.21	1081.933
30	FINLAND	25.6	59.996
31	FRANCE	8401.604	19016.424
32	GEORGIA	56.072	118.623
33	GERMANY	577.65	2773.303
34	GHANA	20	40.032

35	GREECE	447.08	963.079
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36	GUATEMALA	1140.94	2133.805
37	GUINEA	20.5	27.666
38	HUNGARY	315.407	380.446
39	INDONESIA	4810.55	10546.69
40	IRAN	384.1	982.477
41	IRELAND	63.888	173.807
42	ISRAEL	614.13	1196.693
43	ITALY	4773.176	9754.015
44	JAMAICA	27.775	64.739
45	JAPAN	359.36	7941.497
46	JORDAN	214.267	398.11
47	KENYA	647.185	1365.337
48	KOREA RP	413.045	2447.945
49	LEBANON	27.916	62.929
50	LIBYA	13.64	49.209
51	LITHUANIA	49.68	119.106
52	MACEDONIA	83.76	115.762
53	MADAGASCAR	83.03	177.979
54	MALAWI	7.39	18.828
55	MALAYSIA	965.632	2649.06
56	MALDIVES	0.064	0.207
57	MAURITIUS	24.9	60.046
58	MEXICO	2835.14	4643.342
59	MOLDOVA	41.04	61.331
60	MOROCCO	2850.129	3130.538
61	MOZAMBIQUE	43.502	93.412
62	MYANMAR	547.07	956.528
63	NEPAL	80.986	268.305
64	NETHERLAND	5988.3	8060.603
65	NEW ZEALAND	642.51	932.454
66	NICARAGUA	6	15.537
67	NIGERIA	66.944	133.168
68	PAKISTAN IR	192.846	560.897
69	PANAMA REPUBLIC	1	8.41
70	PARAGUAY	536.439	1277.276
71	PERU	361.092	645.509
72	PHILIPPINES	2636.125	5774.858
73	POLAND	539	1777.761
74	PORTUGAL	1104.8	2287.151
75	ROMANIA	345.66	344.28
76	RUSSIA	380.2	672.256
77	RWANDA	764.3	1260.146
78	SAUDI ARAB	94.63	226.171
79	SENEGAL	3.508	27.712
80	SERBIA	78.3	113.958
81	SINGAPORE	81.08	385.407
82	SLOVENIA	277.74	423.043
83	SOUTH AFRICA	2441.712	4460.029

84	SPAIN	1867.4	4229.82
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85	SRI LANKA DSR	592.753	1288.587
86	SUDAN	41	93.439
87	SWITZERLAND	149.99	1268.355
88	SYRIA	64.32	84.777
89	TAIWAN	445.866	1248.645
90	TANZANIA REP	793	1180.466
91	THAILAND	2882.605	7874.528
92	TUNISIA	87.3	214.223
93	TURKEY	1965.4	3395.328
94	U ARAB EMTS	6.1	21.374
95	U K	454.306	853.872
96	U S A	7475.339	15455.937
97	UGANDA	2822.2	5102.336
98	URUGUAY	285	4975.953
99	UZBEKISTAN	14	56.275
100	VENEZUELA	285.6	693.877
101	VIETNAM SOC REP	2197.17	8489.366
102	ZAMBIA	135.775	308.984
103	ZIMBABWE	25.28	83.109
	<b>Product Total</b>	<b>128994.275</b>	<b>279485.009</b>
<b>OTHER PESTICIDES</b>			
1	AFGHANISTAN	0.4	2.642
2	ALGERIA	130.996	518.605
3	ARGENTINA	388.29	2128.879
4	AUSTRALIA	481.849	3339.824
5	AUSTRIA	2	16.667
6	BAHARAIN IS	24.266	109.242
7	BANGLADESH PR	1113.907	2605.522
8	BELARUS	0.2	7.882
9	BELGIUM	346.32	5433.792
10	BELIZE	4.09	39.124
11	BHUTAN	80	18.32
12	BRAZIL	7230.171	43948.91
13	CAMBODIA	15.5	60.63
14	CAMEROON	110.1	255.353
15	CANADA	52.265	1288.146
16	CHILE	138.391	605.263
17	CHINA P RP	764.136	6410.974
18	COLOMBIA	474.736	1932.585
19	COSTA RICA	79.528	341.616
20	COTE D' IVOIRE	370.771	1016.226
21	CUBA	22.72	102.507
22	DOMINIC REP	107.454	488.128
23	ECUADOR	109.96	403.618
24	EGYPT A RP	827.252	3525.331
25	EL SALVADOR	223.5	103.746
26	ERITREA	2.9	47.139
27	ETHIOPIA	293.301	1471.453

28	FRANCE	107.017	612.723
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29	GEORGIA	31.856	118.629
30	GERMANY	52.066	2275.419
31	GHANA	144.723	398.771
32	GREECE	6.6	15.381
33	GUATEMALA	182.774	606.181
34	GUINEA	0.724	6.996
35	HAITI	1.04	4.458
36	HONDURAS	5.504	109.748
37	HONG KONG	8.235	59
38	HUNGARY	5.01	48.539
39	INDONESIA	1525.934	5042.235
40	IRAN	801.887	4339.355
41	IRAQ	75.934	233.327
42	IRELAND	0.5	42.792
43	ISRAEL	447.484	3064.386
44	ITALY	79.466	348.641
45	JAMAICA	6	23.845
46	JAPAN	486.446	3644.908
47	JORDAN	162.113	976.309
48	KAZAKHSTAN	0.1	7.931
49	KENYA	373.165	1435.985
50	KOREA DP RP	13.43	159.917
51	KOREA RP	326.228	3898.726
52	LATVIA	11.928	35.79
53	LEBANON	50.6	205.603
54	LIBYA	24.544	80.644
55	LITHUANIA	88	894.758
56	MADAGASCAR	243.556	735.963
57	MALAWI	25.881	95.67
58	MALAYSIA	279.502	1351.282
59	MALDIVES	0.657	4.419
60	MALI	101.895	326.89
61	MAURITANIA	1.3	5.104
62	MAURITIUS	7.97	42.714
63	MEXICO	1327.999	5377.798
64	MOLDOVA	17.538	92.201
65	MOROCCO	668.382	1920.754
66	MOZAMBIQUE	144.582	813.817
67	MYANMAR	440.193	1235.338
68	NEPAL	1624.892	3354.661
69	NETHERLAND	717.518	4338.994
70	NEW ZEALAND	98.706	626.429
71	NICARAGUA	320.167	963.669
72	NIGERIA	1973.364	4474.083
73	OMAN	66.734	306.049
74	PAKISTAN IR	521.448	4405.741
75	PANAMA REPUBLIC	61.826	178.312
76	PARAGUAY	629.45	2931.887

77	PERU	91.976	593.188
78	PHILIPPINES	103.063	472.847
79	POLAND	83.457	298.94
80	PORTUGAL	48.714	226.559
81	QATAR	18.57	122.408
82	ROMANIA	0.05	0.673
83	RUSSIA	296.484	1455.151
84	RWANDA	32.85	76.649
85	SAUDI ARAB	524.714	1949.376
86	SENEGAL	108.804	211
87	SERBIA	0.1	0.905
88	SINGAPORE	68.117	245.04
89	SLOVENIA	10.55	113.22
90	SOMALIA	73	282.403
91	SOUTH AFRICA	383.155	2202.918
92	SPAIN	207.12	960.509
93	SRI LANKA DSR	276.893	1596.572
94	SUDAN	78.739	318.769
95	SURINAME	1.05	5.304
96	SYRIA	17.62	192.735
97	TAIWAN	540.25	1806.856
98	TANZANIA REP	349.902	1215.782
99	THAILAND	759.877	2749.766
100	TRINIDAD	0.35	2.635
101	TUNISIA	37.949	374.346
102	TURKEY	775.459	4301.419
103	U ARAB EMTS	81	347.609
104	U K	1494.99	6721.233
105	U S A	4140.826	33230.029
106	UGANDA	196.213	675.13
107	UKRAINE	143.9	458.227
108	URUGUAY	443.71	1927.029
109	UZBEKISTAN	56.15	326.925
110	VENEZUELA	194.058	635.959
111	VIETNAM SOC REP	1603.412	9057.155
112	YEMEN REPUBLC	21.744	97.225
113	ZAMBIA	83.508	240.642
114	ZIMBABWE	21.5	66.041
	Product Total	41057.695	214054.064

OTHER INSECTICIDES			
1	AFGHANISTAN	24.588	106.747
2	ALBANIA	2.004	9.296
3	ALGERIA	26.48	126.763
4	ARGENTINA	392.63	1203.606
5	AUSTRALIA	351.647	2859.418
6	BAHARAIN IS	3.5	10.199
7	BANGLADESH PR	2220.549	13014.893
8	BELGIUM	821.642	10615.276
9	BELIZE	18.72	116.427
10	BENIN	0.002	0.028
11	BHUTAN	11.402	60.451
12	BRAZIL	6757.147	47431.938
13	BURKINA FASO	152	552.971
14	BURUNDI	3	44.627
15	CAMEROON	20	27.452
16	CANADA	34.127	1214.415
17	CAPE VERDE IS	2	1.643
18	CHILE	118.512	535.781
19	CHINA P RP	618.91	13143.114
20	COLOMBIA	461.823	4375.843
21	COSTA RICA	25.343	191.99
22	COTE D' IVOIRE	269.988	1190.785
23	CUBA	3.251	49.198
24	DENMARK	19.278	79.938
25	DJIBOUTI	24	83.698
26	DOMINIC REP	10.908	118.075
27	ECUADOR	135.65	577.035
28	EGYPT A RP	413.575	1800.894
29	EL SALVADOR	0.15	3.752
30	ERITREA	1	14.074
31	ETHIOPIA	244.731	1017.154
32	FIJI IS	15.855	80.262
33	FRANCE	665.569	21151.752

34	GAMBIA	0.02	0.166
35	GEORGIA	6.22	49.858
36	GERMANY	808.474	17834.473
37	GHANA	227.618	861.049
38	GREECE	8.536	28.978
39	GUATEMALA	38.618	322.443
40	GUYANA	5.416	98.843
41	HAITI	5	24.969
42	HONDURAS	5.4	14.958
43	HONG KONG	3.001	72.384
44	HUNGARY	0.001	0.003
45	INDONESIA	479.743	7834.066
46	IRAN	853.95	3373.168
47	IRAQ	29.5	112.235
48	IRELAND	0.075	6.793
49	ISRAEL	391.617	1846.717
50	ITALY	278.375	5765.493
51	JAMAICA	2	23.063
52	JAPAN	590.18	10685.166
53	JORDAN	130.642	757.18
54	KENYA	494.198	1511.741
55	KOREA RP	109.995	2604.271
56	KUWAIT	0.013	0.006
57	LATVIA	1.3	31.578
58	LEBANON	8.154	37.724
59	LIBYA	5.5	27.88
60	LITHUANIA	9.405	230.508
61	MADAGASCAR	43.14	160.34
62	MALAWI	14.45	76.93
63	MALAYSIA	179.65	1293.367

64	MALDIVES	14.772	106.001
65	MALI	126.73	348.298
66	MAURITIUS	22.725	131.544
67	MEXICO	834.529	4216.539
68	MONTENEGRO	15.876	64.253
69	MOROCCO	476.098	1696.318
70	MOZAMBIQUE	11.33	57.6
71	MYANMAR	372.117	1236.323
72	NEPAL	527.641	802.378
73	NETHERLAND	385.878	11016.898
74	NETHERLANDANTIL	0.001	0.012
75	NEW ZEALAND	9.53	228.211
76	NIGERIA	402.881	1236.958
77	OMAN	29	212.839
78	PAKISTAN IR	468.506	2251.191
79	PANAMA REPUBLIC	3.5	10.152
80	PARAGUAY	6.008	20.586
81	PERU	20.23	299.71
82	PHILIPPINES	193.261	2276.352
83	POLAND	2.9	21.498
84	PORTUGAL	3	22.072
85	QATAR	3.5	18.476
86	ROMANIA	17.05	16.299
87	RUSSIA	356.183	1072.242
88	RWANDA	5.2	27.399
89	SAUDI ARAB	396.075	1221.009
90	SENEGAL	13.339	45.59
91	SEYCHELLES	0.58	5.956
92	SINGAPORE	178.306	2197.943
93	SOMALIA	12	36.563
94	SOUTH AFRICA	239.106	3177.625
95	SPAIN	53.403	563.584
96	SRI LANKA DSR	1124.443	2811.275
97	SUDAN	335.432	1494.128
98	SURINAME	7.041	49.288
99	SWITZERLAND	0.009	0.076
100	TAIWAN	667.812	3638.559
101	TANZANIA REP	268.854	980.424
102	THAILAND	470.392	4248.065
103	TOGO	11.279	204.92
104	TRINIDAD	3.5	31.105
105	TUNISIA	99.088	469.276
106	TURKEY	528.807	1977.031

107	U ARAB EMTS	198.729	740.683
108	U K	38.921	410.166
109	U S A	2152.562	40467.699
110	UGANDA	492.25	1890.544
111	UKRAINE	129.08	314.231
112	URUGUAY	22.5	143.165
113	UZBEKISTAN	18.873	51.209
114	VENEZUELA	0.9	5.115
115	VIETNAM SOC REP	577.142	3642.869
116	YEMEN REPUBLC	133.253	570.152
117	ZAMBIA	60.615	134.393
118	ZIMBABWE	3.12	18.387
	Product Total	31146.029	276427.022

Source: DGCIS, Kolkata



EXPORT OF PESTICIDES AND INSECTICIDES DURING 2016 -2017			
SI No.	COUNTRY	QUANTITY(MT)	VALUE(RS.Lakhs)
<b>MALATHION</b>			
1	AFGHANISTAN	1.75	3.038
2	AUSTRALIA	1	2.133
3	CUBA	32.75	63.847
4	EGYPT A RP	463.3	818.946
5	GUATEMALA	60	96.655
6	IRAN	10.3	23.484
7	JORDAN	40	70.038
8	MALAYSIA	160	296.44
9	MALDIVES	0.32	1.286
10	MAURITIUS	0.6	3.155
11	MEXICO	120	224.23
12	MYANMAR	6.456	15.546
13	NEPAL	0.92	1.74
14	PHILIPPINES	20	38.183
15	SAUDI ARAB	135	254.84
16	SPAIN	22	43.056
17	TAIWAN	20	37.659
18	TURKEY	170	279.366
	Product Total	1264.396	2273.64
<b>DIMETHOATE</b>			
1	AFGHANISTAN	1.75	3.17
2	BANGLADESH PR	5	12.015
3	MADAGASCAR	16	38.6
4	MALDIVES	0.48	2.461
5	NEPAL	0.6	1.393
6	SOUTH AFRICA	0.001	0.001
	Product Total	23.831	57.64
<b>D.D.V.P.</b>			
1	ARGENTINA	1	2.037
2	BRAZIL	22.5	57.156
3	CUBA	6.25	15.496
4	IRAN	32	86.643
5	JAPAN	26	100.225
6	NEPAL	1.24	4.171
7	NEW ZEALAND	4	14.77
8	SPAIN	11	28.043
9	UGANDA	185.09	737.642
10	ZAMBIA	32.43	99.156
	Product Total	321.51	1145.339
<b>QUINALPHOS</b>			
1	BANGLADESH PR	23.8	67.777
2	NEPAL	0.15	0.501

3	SOUTH AFRICA	0.675	5.723
4	VIETNAM SOC REP	359.4	1698.124
	Product Total	384.025	1772.126
<b>CYPERMETHRIN</b>			
1	AFGHANISTAN	9.12	14.156
2	ALGERIA	7.54	23.322
3	ARGENTINA	306.925	1635.499
4	AUSTRALIA	4.65	33.876
5	BANGLADESH PR	153.4	240.985
6	BELGIUM	456.875	2447.285
7	BRAZIL	1128.995	6180.657
8	CHILE	31.6	134.914
9	CHINA P RP	918	4388.035
10	COLOMBIA	323.639	1138.423
11	COSTA RICA	127.2	625.036
12	COTE D' IVOIRE	72.25	373.096
13	CUBA	14.4	70.821
14	ECUADOR	29.8	166.76
15	EGYPT A RP	14.65	75.464
16	ERITREA	0.1	0.5
17	FRANCE	145.5	993.583
18	GERMANY	0.6	6.394
19	GREECE	2.25	14.198
20	GUATEMALA	86.98	408.29
21	INDONESIA	461.925	1842.776
22	IRAN	402.75	1952.246
23	IRELAND	0.036	1.677
24	ISRAEL	43.3	260.084
25	ITALY	10.2	72.781
26	JORDAN	70.3	337.523
27	KOREA RP	52.375	274.86
28	LATVIA	2.7	13.568
29	LEBANON	11.5	31.754
30	MADAGASCAR	23.42	79.727
31	MALAYSIA	167	823.254
32	MALDIVES	0.287	2.311
33	MEXICO	572.7	2954.713
34	MOROCCO	67.03	197.85
35	MOZAMBIQUE	19.74	57.499
36	MYANMAR	106.5	451.97
37	NEPAL	10.395	30.39
38	NETHERLAND	427.385	3086.251
39	NICARAGUA	84.469	217.934
40	NIGERIA	333.572	597.233
41	PAKISTAN IR	44.675	232.704
42	PANAMA REPUBLIC	0.1	0.793
43	PARAGUAY	36	172.762

44	PERU	54.8	310.983
45	PHILIPPINES	104.325	535.52
46	RUSSIA	81.4	396.823
47	SAUDI ARAB	158.2	597.707
48	SERBIA	0.5	3.225
49	SINGAPORE	73.15	434.351
50	SLOVENIA	5	31.939
51	SOUTH AFRICA	107.504	458.744
52	SPAIN	55.62	331.82
53	SUDAN	89.603	339.726
54	SYRIA	4.95	26.587
55	TAIWAN	29.3	172.567
56	TANZANIA REP	4.6	23.356
57	THAILAND	773.15	3821.5
58	TUNISIA	6.6	45.455
59	TURKEY	231.88	1116.313
60	U ARAB EMTS	13.425	65.953
61	U K	12.325	168.881
62	U S A	227.069	1581.247
63	UGANDA	178.02	499.385
64	URUGUAY	26.36	134.174
65	UZBEKISTAN	17	123.838
66	VENEZUELA	0.3	2.376
67	VIETNAM SOC REP	373.905	1834.645
68	ZAMBIA	2.5	6.939
69	ZIMBABWE	2	14.432
	Product Total	9416.319	45742.44
<b>FENTHION</b>			
1	BANGLADESH PR	10	17.883
	Product Total	10	17.883
<b>COPPER-OXYCHLORIDE</b>			
1	AFGHANISTAN	22	45.502
2	BANGLADESH PR	12	32.797
3	EGYPT A RP	132	274.011
4	IRAN	367	754.495
5	LEBANON	25.5	80.477
6	MALDIVES	0.005	0.04
7	MOROCCO	20	64.782
8	MOZAMBIQUE	2.25	5.98
9	MYANMAR	24	52.896
10	NEPAL	7.4	16.429
11	PAKISTAN IR	58	114.145
12	PHILIPPINES	10	24.481
13	SOUTH AFRICA	18.5	47.346
14	SPAIN	24	62.022
15	SYRIA	14.15	39.929
16	U K	20	39.824
17	VIETNAM SOC REP	114	265.887

	Product Total	870.805	1921.042
<b>2, 4-D</b>			
1	AFGHANISTAN	3	4.22
2	ARGENTINA	1262	1625.807
3	AUSTRALIA	745.6	1097.884
4	BANGLADESH PR	22	34.16
5	BRAZIL	4124.01	6143.753
6	COLOMBIA	1111.676	1278.057
7	CONGO P REP	16	19.153
8	COSTA RICA	492	554.299
9	COTE D' IVOIRE	56.5	78.676
10	DOMINIC REP	37	38.77
11	ECUADOR	40	50.158
12	ETHIOPIA	1042.204	1583.803
13	GUATEMALA	1048	1301.339
14	INDONESIA	18	21.858
15	IRAN	120.962	162.659
16	IRAQ	31.5	45.84
17	ISRAEL	10	16.733
18	KENYA	320	425.562
19	MALAWI	2	3.615
20	MALAYSIA	515	679.014
21	MAURITIUS	64	78.038
22	MEXICO	1200	1260.219
23	MOROCCO	43.6	75.438
24	MOZAMBIQUE	1	1.252
25	NEPAL	6.05	9.485
26	NEW ZEALAND	23	30.879
27	NIGERIA	276	370.292
28	PHILIPPINES	378	472.666
29	RUSSIA	357.4	461.913
30	SINGAPORE	378	341.997
31	SOUTH AFRICA	166	219.057
32	SUDAN	110.08	190.455
33	TAIWAN	54	76.007
34	TANZANIA REP	147.94	185.375
35	THAILAND	1745.72	2164.587
36	TURKEY	906.5	1077.09
37	U ARAB EMTS	54.08	81.506
38	U S A	2599.8	3842.083
39	UGANDA	0.001	0.004
40	URUGUAY	116	141.636
41	VIETNAM SOC REP	1031	1248.264
42	ZAMBIA	1.008	2.271
	Product Total	20676.631	27495.874
<b>ISOPROTURON</b>			
1	NETHERLAND	356.2	1295.395
	Product Total	356.2	1295.395

<b>ALUMINIUM PHOSPHIDE</b>			
1	ALBANIA	7.527	45.661
2	AUSTRALIA	0.072	0.09
3	AZERBAIJAN	1.987	7.466
4	BANGLADESH PR	15.166	34.822
5	BELGIUM	1.4	15.055
6	ETHIOPIA	45.896	197.894
7	MOZAMBIQUE	11	43.145
8	NEPAL	12.341	42.564
9	TAIWAN	4.008	20.049
10	TURKEY	26.704	103.16
11	U K	1	5.104
	Product Total	127.101	515.01
<b>METHYL BROMIDE</b>			
1	AUSTRALIA	234	801.894
2	COSTA RICA	12.5	41.551
3	DJIBOUTI	10	25.414
4	EGYPT A RP	300	1105.772
5	GHANA	5.001	19.221
6	GUATEMALA	154	516.161
7	HONDURAS	16	53.807
8	IRAN	58.3	142.41
9	KENYA	7.745	40.59
10	MALAYSIA	52	215.558
11	NEPAL	0.21	1.362
12	NEW ZEALAND	234	844.276
13	NICARAGUA	15.2	51.005
14	OMAN	1	8.926
15	PAKISTAN IR	14.013	57.967
16	PANAMA REPUBLIC	16	53.807
17	PHILIPPINES	8.16	38.346
18	SINGAPORE	10	40.065
19	SRI LANKA DSR	0.011	0.051
20	SUDAN	17	75.724
21	TURKEY	17.978	76.147
22	VIETNAM SOC REP	572.59	2019.04
	Product Total	1755.708	6229.096
<b>OTHER HERBICIDES-ANTI SPROUTING PRODUCTS</b>			
1	AFGHANISTAN	7.008	9.629
2	ARGENTINA	1046.84	8189.245
3	AUSTRALIA	1862.03	11103.21
4	BANGLADESH PR	588.28	1899.145
5	BELARUS	1.05	13.232
6	BELGIUM	273.265	3884.685
7	BENIN	15	31.872
8	BRAZIL	1987.852	20621.824
9	BURKINA FASO	21.024	60.869

10	CAMEROON	0.015	0.04
11	CANADA	4.968	236.442
12	CHILE	60	99.625
13	CHINA P RP	1200.29	5257.096
14	COLOMBIA	1507.466	2752.549
15	COSTA RICA	170.43	632.699
16	COTE D' IVOIRE	576.168	1241.634
17	DJIBOUTI	10.5	19.75
18	DOMINIC REP	52.782	86.81
19	ECUADOR	3.136	10.951
20	EGYPT A RP	382.923	1027.646
21	ETHIOPIA	494.288	1071.859
22	FRANCE	2071.967	14424.968
23	GERMANY	764.05	7482.007
24	GHANA	14	39.172
25	GIBRALTAR	127	287.712
26	GREECE	5	49.581
27	GUATEMALA	37.6	226.468
28	GUINEA	180.991	459.659
29	INDONESIA	191.77	2276.407
30	IRAN	318.533	1530.198
31	IRAQ	30.427	266.508
32	IRELAND	35.2	388.706
33	ISRAEL	2224.203	12411.67
34	ITALY	237.15	2385.358
35	JAPAN	1789.03	49338.569
36	JORDAN	15.5	42.971
37	KENYA	84.738	225.443
38	KOREA RP	382.91	4036.75
39	LATVIA	3	36.881
40	LITHUANIA	0.05	0.033
41	MADAGASCAR	16	18.003
42	MALAYSIA	298.34	1032.646
43	MAURITIUS	7	22.073
44	MEXICO	798.8	3366.9
45	MOROCCO	461.346	487.697
46	MYANMAR	172.38	294.501
47	NEPAL	6.333	46.111
48	NETHERLAND	879.99	5526.259
49	NEW ZEALAND	23.86	107.031
50	NICARAGUA	24.9	79
51	NIGERIA	1225.1	3068.014
52	PAKISTAN IR	568.506	2087.492
53	PANAMA REPUBLIC	167.909	579.083
54	PARAGUAY	111.8	298.09
55	PERU	1.9	19.692
56	PHILIPPINES	318.997	842.678

57	POLAND	80	44.744
58	PUERTO RICO	456	26501.5
59	RUSSIA	158.8	914.44
60	SAUDI ARAB	22	88.599
61	SENEGAL	164.408	422.593
62	SERBIA	1.6	16.696
63	SINGAPORE	499.661	3482.104
64	SOUTH AFRICA	1486.5	9884.208
65	SPAIN	213.582	960.821
66	SRI LANKA DSR	219.9	1476.828
67	SUDAN	244.983	671.627
68	SWITZERLAND	0.008	0.039
69	SYRIA	60	45.512
70	TAIWAN	280.661	1722.242
71	TANZANIA REP	34.6	94.302
72	THAILAND	1755.592	2367.656
73	TOGO	1.2	2.511
74	TUNISIA	23.1	70.492
75	TURKEY	819.13	3379.057
76	U ARAB EMTS	137.1	564.531
77	U K	1221.1	6266.621
78	U S A	17936.6	128962.835
79	URUGUAY	43	285.642
80	VIETNAM SOC REP	994.11	1777.437
81	ZAMBIA	5	2.867
	Product Total	50720.23	362041.049
<b>OTHER FUNGICIDE NES</b>			
1	AFGHANISTAN	0.3	0.651
2	ALBANIA	33.54	105.615
3	ALGERIA	98.318	220.81
4	ANGOLA	65.1	123.066
5	ARGENTINA	1438.52	3580.216
6	AUSTRALIA	6132.362	11812.452
7	AUSTRIA	115.2	263.47
8	AZERBAIJAN	1	3.873
9	BANGLADESH PR	12349.883	13963.731
10	BELGIUM	3986.45	12388.271
11	BOLIVIA	14.4	17.914
12	BOSNIA- HRZGOVIN	25.008	72.846
13	BRAZIL	42898.274	82741.697
14	BULGARIA	346.025	737.931
15	BURUNDI	100.184	226.305
16	CAMEROON	1037.5	2153.314
17	CANADA	590.016	779.605
18	CHILE	653.2	1570.439
19	CHINA P RP	6222.435	11910.711
20	COLOMBIA	5020.717	10617.44

21	CONGO D. REP.	0.3	3.247
22	CONGO P REP	2	1.255
23	COSTA RICA	7998.665	11473.372
24	COTE D' IVOIRE	93.676	201.185
25	CROATIA	133.88	198.867
26	CYPRUS	76.46	197.464
27	DENMARK	25.6	56.998
28	DJIBOUTI	4	2.211
29	DOMINIC REP	22.608	43.883
30	ECUADOR	615.537	1436.69
31	EGYPT A RP	1093.962	2415.801
32	ESTONIA	12.8	29.516
33	ETHIOPIA	359.247	1047.112
34	FINLAND	12.8	29.302
35	FRANCE	8004.77	17165.103
36	GABON	48	84.63
37	GEORGIA	24.8	43.613
38	GERMANY	449.064	3027.095
39	GHANA	12	26.506
40	GREECE	491.05	1292.089
41	GUATEMALA	1289.1	2155.914
42	GUINEA	29.1	38.215
43	GUYANA	0.15	0.651
44	HAITI	64.68	137.616
45	HONDURAS	42	79.4
46	HUNGARY	77	189.582
47	INDONESIA	6637.194	12969.035
48	IRAN	962.224	2306.376
49	IRAQ	7	15.164
50	IRELAND	26.904	67.163
51	ISRAEL	517.68	876.21
52	ITALY	3764.057	9153.636
53	JAMAICA	25.572	59.305
54	JAPAN	338.156	9750.628
55	JORDAN	64.1	102.216
56	KENYA	969.619	2204.943
57	KOREA DP RP	37	81.714
58	KOREA RP	120.73	741.402
59	LEBANON	42	26.092
60	LIBYA	36.44	110.265
61	LITHUANIA	37.2	83.792
62	MACEDONIA	70.4	165.421
63	MADAGASCAR	58.108	119.855
64	MALAWI	62.9	110.541
65	MALAYSIA	836.794	2715.79
66	MALDIVES	0.413	1.279
67	MAURITIUS	15.41	37.488
68	MEXICO	3129.565	5131.378



69	MOLDOVA	15.2	31.156
70	MOROCCO	3121.517	4009.89
71	MOZAMBIQUE	28.5	49.213
72	MYANMAR	848.56	1229.063
73	NEPAL	210.864	978.394
74	NETHERLAND	605	1981.699
75	NEW ZEALAND	685.83	1238.665
76	NICARAGUA	13.76	30.781
77	NIGERIA	91.56	184.125
78	OMAN	7	25.875
79	PAKISTAN IR	348.408	773.383
80	PANAMA REPUBLIC	4.9	31.098
81	PARAGUAY	1856.1	3965.82
82	PERU	504.499	859.758
83	PHILIPPINES	3413.54	6791.128
84	POLAND	433	1310.652
85	PORTUGAL	1294.1	2867.406
86	ROMANIA	539.22	532.868
87	RUSSIA	426.32	778.598
88	RWANDA	700.5	1153.126
89	SAUDI ARAB	99.26	254.867
90	SENEGAL	4.32	31.471
91	SERBIA	53.45	126.878
92	SINGAPORE	81.453	327.451
93	SLOVENIA	486.784	1071.977
94	SOUTH AFRICA	2924.55	5189.651
95	SPAIN	2154.48	4493.581
96	SRI LANKA DSR	435.905	853.725
97	SUDAN	59.026	109.61
98	SWITZERLAND	330.933	2916.538
99	SYRIA	36	50.847
100	TAIWAN	760.31	1743.977
101	TANZANIA REP	5115.62	1849.984
102	THAILAND	3231.408	9291.383
103	TUNISIA	96.8	281.795
104	TURKEY	2881.5	4197.167
105	U ARAB EMTS	11.02	38.875
106	U K	332.813	2537.695
107	U S A	8484.175	20300.145
108	UGANDA	3157.12	5797.381
109	UKRAINE	63.88	206.682
110	UNSPECIFIED	25	142.351
111	URUGUAY	543.125	1268.064
112	VATICAN CITY	14	27.466
113	VIETNAM SOC REP	2789.385	10691.966
114	YEMEN REPUBLC	21.96	54.451
115	ZAMBIA	159.49	411.423

	Product Total	169373.292	344587.468
<b>OTHER PESTICIDES</b>			
1	AFGHANISTAN	10.1	42.379
2	ALBANIA	2.15	32.928
3	ALGERIA	13.08	118.673
4	ARGENTINA	302.395	2185.944
5	AUSTRALIA	587.484	4179.983
6	AUSTRIA	0.1	0.02
7	AZERBAIJAN	5	20.357
8	BAHARAIN IS	7.548	52.046
9	BANGLADESH PR	1562.003	3233.15
10	BELARUS	0.201	8.057
11	BELGIUM	216.5	3365.319
12	BENIN	0.024	0.328
13	BHUTAN	500	111.635
14	BOLIVIA	7.302	35.401
15	BRAZIL	11621.027	52190.942
16	BURKINA FASO	91.82	243.622
17	CAMBODIA	146.112	123.596
18	CAMEROON	120.69	553.133
19	CANADA	92.196	1051.664
20	CHILE	143.468	514.49
21	CHINA P RP	1095.483	9487.314
22	COLOMBIA	257.439	1005.216
23	CONGO D. REP.	0.8	5.523
24	CONGO P REP	0.015	0.338
25	COSTA RICA	26.155	165.833
26	COTE D'IVOIRE	172.005	787.031
27	CROATIA	0.5	2.231
28	CYPRUS	2.4	23.09
29	DENMARK	29.8	254.333
30	DJIBOUTI	98	203.011
31	DOMINIC REP	151.045	563.805
32	ECUADOR	146.754	549.085
33	EGYPT A RP	441.727	1714.215
34	EL SALVADOR	20.404	55.019
35	ETHIOPIA	559.186	2410.892
36	FIJI IS	1.6	10.067
37	FRANCE	52.864	529.69
38	GERMANY	87.754	3340.386
39	GHANA	36.879	107.639
40	GUATEMALA	72.187	330.492
41	GUYANA	5.412	17.092
42	HAITI	1	3.805
43	HONDURAS	25.081	111.855
44	HONG KONG	0.1	0.992
45	HUNGARY	0.55	13.805
46	INDONESIA	1272.985	3951.36

47	IRAN	935.785	5097.742
48	IRAQ	112.896	402.267
49	IRELAND	0.25	21.743
50	ISRAEL	340.962	1927.298
51	ITALY	84.776	484.614
52	JAMAICA	7	26.29
53	JAPAN	214.665	1786.153
54	JORDAN	79.314	638.147
55	KENYA	452.421	1630.149
56	KOREA RP	195.305	1896.179
57	LATVIA	63	543.172
58	LEBANON	27.16	175.011
59	LIBYA	70.709	188.231
60	LITHUANIA	20	178.897
61	MADAGASCAR	149.676	441.295
62	MALAWI	146.25	427.156
63	MALAYSIA	372.5	1754.129
64	MALDIVES	1.485	15.706
65	MALI	213.836	740.5
66	MAURITIUS	6.366	35.27
67	MEXICO	953.174	3813.172
68	MOROCCO	314.687	1123.386
69	MOZAMBIQUE	239.18	683.735
70	MYANMAR	1504.542	2824.375
71	NEPAL	2598.757	5310.246
72	NETHERLAND	662.257	4988.472
73	NEW ZEALAND	65.643	466.917
74	NICARAGUA	380.7	1068.934
75	NIGERIA	2726.562	5557.767
76	OMAN	145.321	598.818
77	PAKISTAN IR	556.013	2769.621
78	PANAMA REPUBLIC	70.11	242.136
79	PARAGUAY	318.12	1336.831
80	PERU	80.879	606.763
81	PHILIPPINES	140.271	797.341
82	POLAND	93.298	420.836
83	PORTUGAL	21.32	231.569
84	PUERTO RICO	0.025	0.095
85	QATAR	49.877	232.765
86	RUSSIA	611.78	2554.862
87	RWANDA	37.664	98.245
88	SAUDI ARAB	232.361	879.783
89	SENEGAL	51	130.013
90	SERBIA	0.15	1.93
91	SINGAPORE	150.585	729.864
92	SLOVENIA	7.1	63.245
93	SOMALIA	136.25	348.921

94	SOUTH AFRICA	561.51	2242.506
95	SPAIN	201.972	890.809
96	SRI LANKA DSR	116	412.952
97	SUDAN	145.212	536.847
98	SWITZERLAND	0.29	0.214
99	SYRIA	4.25	27.999
100	TAIWAN	366.67	1453.898
101	TANZANIA REP	217.417	751.887
102	THAILAND	704.974	2637.061
103	TOGO	10	15.861
104	TRINIDAD	0.12	1.173
105	TUNISIA	69.607	486.875
106	TURKEY	638.097	3547.944
107	U ARAB EMTS	44.34	173.236
108	U K	154.109	939.702
109	U S A	4656.174	33688.919
110	UGANDA	130.999	468.261
111	UKRAINE	92.604	353.059
112	URUGUAY	177.968	763.03
113	UZBEKISTAN	34.35	118.683
114	VENEZUELA	5	23.567
115	VIETNAM SOC REP	1436.798	8433.84
116	YEMEN REPUBLC	34.208	227.696
117	ZAMBIA	126.8	416.112
118	ZIMBABWE	0.75	37.472
	Product Total	45559.526	208647.976
<b>OTHER INSECTICIDES</b>			
1	AFGHANISTAN	27.72	129.394
2	ALBANIA	9.4	15.408
3	ALGERIA	7.47	69.128
4	ARGENTINA	573.067	2099.928
5	AUSTRALIA	517.988	3401.825
6	BANGLADESH PR	2534.235	14439.207
7	BELGIUM	1034.858	11813.29
8	BOLIVIA	3	7.428
9	BRAZIL	8296.266	74596.358
10	BURKINA FASO	158	635.271
11	BURUNDI	4.2	20.735
12	CAMEROON	20.6	36.354
13	CANADA	56.829	1911.269
14	CHILE	142.56	326.12
15	CHINA P RP	363.515	6111.07
16	COLOMBIA	950.66	7902.418
17	CONGO P REP	0.3	3.632
18	COSTA RICA	82.476	351.222
19	COTE D' IVOIRE	786.615	2620.019
20	CROATIA	43.24	65.347
21	CUBA	7	61.353

22	DENMARK	0.117	3.407
23	DJIBOUTI	11.772	45.169
24	DOMINIC REP	33.585	174.919
25	ECUADOR	214.18	1015.061
26	EGYPT A RP	836.304	3185.571
27	EL SALVADOR	0.3	6.526
28	ERITREA	0.2	0.314
29	ETHIOPIA	310.307	1254.433
30	FIJI IS	2.889	21.867
31	FRANCE	526.925	17044.534
32	GABON	3	3.701
33	GEORGIA	6.504	34.848
34	GERMANY	811.777	7289.183
35	GHANA	40.668	158.14
36	GREECE	19.761	94.898
37	GUATEMALA	213.961	903.145
38	GUYANA	3.041	11.776
39	HAITI	26.2	169.516
40	HONG KONG	25.057	122.759
41	INDONESIA	3056.83	12155.055
42	IRAN	1766.303	6701.904
43	IRAQ	130.504	527.413
44	IRELAND	0.5	43.07
45	ISRAEL	146.191	788.489
46	ITALY	714.757	6513.337
47	JAPAN	375.994	6193.977
48	JORDAN	54.202	292.575
49	KENYA	180.78	607.086
50	KOREA RP	200.228	4599.654
51	KUWAIT	2.177	32.567
52	LEBANON	36.24	151.006
53	LIBYA	11.104	94.509
54	LITHUANIA	7.2	157.865
55	MADAGASCAR	42.625	166.606
56	MALAYSIA	346.718	2164.63
57	MALDIVES	28.665	209.387
58	MALI	258	723.288
59	MAURITIUS	30.795	186.484
60	MEXICO	1561.654	5872.548
61	MOROCCO	706.023	2111.128
62	MOZAMBIQUE	38.34	157.652
63	MYANMAR	340.029	1063.423
64	NEPAL	584.789	722.364
65	NETHERLAND	450.802	8358.939
66	NEW ZEALAND	6.44	136.244
67	NICARAGUA	6	22.288
68	NIGERIA	1147.718	2396.616
69	OMAN	21.998	285.782

70	PAKISTAN IR	318.996	1432.848
71	PANAMA REPUBLIC	36.19	128.528
72	PARAGUAY	0.1	2.861
73	PERU	4.325	23.914
74	PHILIPPINES	215.285	2948.846
75	POLAND	8.15	38.083
76	PORTUGAL	5.001	36.947
77	QATAR	1	9.09
78	ROMANIA	10	16.583
79	RUSSIA	220.78	714.766
80	RWANDA	1.1	5.01
81	SAUDI ARAB	254.161	780.138
82	SENEGAL	130.151	365.932
83	SERBIA	15.4	34.555
84	SEYCHELLES	0.175	0.97
85	SIERRA LEONE	0.05	0.251
86	SINGAPORE	222.276	3626.751
87	SLOVENIA	0.497	4.088
88	SOUTH AFRICA	207.54	1177.195
89	SPAIN	106.428	731.225
90	SRI LANKA DSR	723.782	2728.975
91	SUDAN	549.98	2223.402
92	SURINAME	5.227	36.438
93	SYRIA	46.365	121.678
94	TAIWAN	808.52	3228.69
95	TANZANIA REP	280.09	943.502
96	THAILAND	653.424	6568.015
97	TRINIDAD	3.504	31.609
98	TUNISIA	62.862	216.284
99	TURKEY	716.506	3513.868
100	U ARAB EMTS	144.647	566.32
101	U K	23.894	215.763
102	U S A	2934.874	48176.833
103	UGANDA	673.478	2723.428
104	UKRAINE	131.94	529.901
105	URUGUAY	46.9	187.373
106	UZBEKISTAN	2.1	1.819
107	VENEZUELA	0	0.008
108	VIETNAM SOC REP	833.06	5180.765
109	YEMEN REPUBLC	18.52	80.241
110	ZAMBIA	93.257	338.747
	Product Total	41470.688	311284.671

Source: DGCIS, Kolkata

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