

**STATEMENT SHOWING THE DEMAND VIS-À-VIS CONSUMPTION OF CHEMICAL PESTICIDES
DURING 2019-20 AND PROJECTED DEMAND FOR 2020-21 (Tech. Grade MT)**

Sr. No.	Pesticides Group	Consumption 2019-20						Demand For 2020-21		
		Kharif		Rabi		Total		Kharif	Rabi	Total
		Demand	Cons.	Demand	Cons.	Demand	Cons.	Demand	Demand	Demand
1	2	3	4	5	6	7	8	9	10	11
A	INSECTICIDES									
1	Indigenous	2526	1298	1082	556	3608	1855	1696	727	2424
2	Imported	1021	897	438	384	1459	1281	749	321	1070
TOTAL INSECTICIDES		3547	2352	1520	784	5067	3135	2446	1048	3494
B	FUNGICIDES									
1	Indigenous	3398	3360	1456	1440	4854	4800	3491	1496	4988
2	Imported	547	1121	234	481	781	1602	1118	479	1597
TOTAL FUNGICIDES		3945	4481	1690	1920	5635	6402	4609	1975	6584
C	WEEDICIDES									
1	Indigenous	1800	1408	771	604	2571	2012	1813	777	2590
2	Imported	566	562	243	241	809	803	468	201	669
TOTAL WEEDICIDES		2366	1971	1014	845	3380	2815	2282	978	3259
D	RODENTICIDES									
1	Indigenous	10	25	4	11	14	36	48	21	69
2	Imported	0	0	0	0	0	0	0	0	0
TOTAL RODENTICIDES		10	25	4	11	14	36	48	21	69
E	PLANT GROWTH REGULATOR									
1	Indigenous	44	52	19	28	63	80	56	24	80
2	Imported	166	210	71	113	237	323	136	58	194
TOTAL PGRs		210	262	90	141	300	403	192	82	274
TOTAL INDIGENOUS		7778	6144	3332	2639	11110	8783	7105	3045	10151
TOTAL IMPORTED		2300	2790	986	1219	3286	4009	2471	1059	3530
GRAND TOTAL		10078	8934	4318	3858	14396	12794	9576	4104	13680

**STATEMENT SHOWING THE DEMAND VIS-À-VIS CONSUMPTION OF BIO PESTICIDES DURING 2019-20
AND PROJECTED DEMAND FOR 2020-21 (MT)**

State : Maharashtra

Sr. No.	Pesticides Group	Consumption 2019-20						Demand For 2020-21		
		Kharif		Rabi		Total		Kharif	Rabi	Total
		Demand	Cons.	Demand	Cons.	Demand	Cons.	Demand	Demand	Demand
1	2	3	4	5	6	7	8	9	10	11
1	Trichoderma	231.13	141.17	99.06	60.50	330.19	201.68	357.48	153.20	510.68
2	Pseudomonas	182.18	69.30	78.08	29.70	260.26	99.00	149.64	64.13	213.77
3	Beauveria	107.9	146.67	46.24	62.86	154.14	209.53	89.80	38.49	128.29
4	Verticillium	56.7	136.08	24.3	58.32	81	194.40	34.30	14.70	49.00
5	Photorhabdus	0	0.00	0	0.00	0	0.00	0.00	0.00	0.00
6	Neem based	259.21	58.61	111.09	25.12	370.3	83.73	290.64	124.56	415.20
7	Bt	0	11.27	0	4.83	0	16.10	14.07	6.03	20.10
8	Metarrhizium	826	192.50	354	82.50	1180	275.00	826.00	354.00	1180.00
9	NPV	7	1.89	3	0.81	10	2.70	19.60	8.40	28.00
Total		1670.12	757.50	715.77	324.64	2385.89	1082.14	1781.53	763.51	2545.04

**REQUIREMENT FOR THE YEAR 2020-21(Tech. Grade in MT)
(INDIGENOUS)**

Sr. No.	Pesticides	Consumption 2019-20	Demand For 2020-21		
			Total	Kharif	Rabi
1	2	3	4	5	6
A	INSECTICIDES				
1	Acephate	63.714	357.291	250.104	107.187
2	Alphacypermethrin	15.486	6.457	4.520	1.937
3	Cypermethrin	64.806	79.437	55.606	23.831
4	Chlorpyriphos	489.047	746.102	522.271	223.830
5	Dimethoate	157.564	119.663	83.764	35.899
6	Deltamethrin	10.249	10.480	7.336	3.144
7	Dicofol	5.980	3.894	2.725	1.168
8	Ethion	11.352	10.530	7.371	3.159
9	Fenitrothion	0.000	0.000	0.000	0.000
10	Fenthion	0.000	0.000	0.000	0.000
11	Fenvalerate	12.338	3.607	2.525	1.082
12	Malathion	18.787	11.437	8.006	3.431
13	Metaldehyde	0.000	0.000	0.000	0.000
14	Monocrotophos	616.407	647.276	453.093	194.183
15	Neem based Insecticide	1.001	0.000	0.000	0.000
16	Oxy-demeton methyl	0.000	0.000	0.000	0.000
17	Phorate	238.997	257.081	179.957	77.124
18	Phosalone	0.000	0.000	0.000	0.000
19	Pyrathrum	1.000	0.000	0.000	0.000
20	Quinalphos	99.407	107.341	75.139	32.202
21	Temephos (A/beta)	5.150	2.600	1.820	0.780
22	Trizophos	43.308	60.372	42.260	18.112
TOTAL INSECTICIDES		1854.593	2423.565	1696.495	727.069
B	FUNGICIDES				
23	Aureopungin	0.000	0.000	0.000	0.000
24	Captan	187.493	171.861	120.303	51.558
25	Carbendazim	201.466	227.681	159.377	68.304
26	Copper oxycloiride	275.047	266.613	186.629	79.984
27	Copper Sulphate	20.827	28.380	19.866	8.514
28	Cuprous oxide	0.000	0.000	0.000	0.000
29	Lime sulphur	0.000	0.000	0.000	0.000
30	Mancozeb	1555.655	1551.915	1086.341	465.575
31	Streptocycline	5.776	0.600	0.420	0.180
32	Sulphur	1293.834	1486.418	1040.492	445.925
33	Thiram	16.385	4.266	2.986	1.280
34	Zinab	298.177	297.500	208.250	89.250

**REQUIREMENT FOR THE YEAR 2020-21(Tech. Grade in MT)
(INDIGENOUS)**

Sr. No.	Pesticides	Consumption 2019-20	Demand For 2020-21		
			Total	Kharif	Rabi
1	2	3	4	5	6
35	Ziram	944.994	952.304	666.613	285.691
TOTAL FUNGICIDES		4799.653	4987.538	3491.276	1496.261
C	WEEDICIDES				
36	Alachlor	0.000	0.000	0.000	0.000
37	Anilophos	31.819	0.000	0.000	0.000
38	Atrazine	317.118	379.746	265.822	113.924
39	Butachlor	1.033	3.530	2.471	1.059
40	Glyphosate	742.208	1268.169	887.718	380.451
41	Diuron	442.709	14.191	9.934	4.257
42	2,4-D	256.427	757.957	530.570	227.387
43	Fluchloralin	0.000	0.000	0.000	0.000
44	Isoproturon	1.730	0.000	0.000	0.000
45	Paraquat Dichloride	219.084	166.790	116.753	50.037
46	Propanil	0.000	0.000	0.000	0.000
TOTAL WEEDICIDES		2012.129	2590.383	1813.268	777.115
D	RODENTICIDE AND FUMIGANTS				
47	Aluminium phosphide	21.434	30.240	21.168	9.072
48	Barium Carbonate	0.000	0.000	0.000	0.000
49	Coumochlor	0.000	0.000	0.000	0.000
50	EDCT Mixture	0.000	0.000	0.000	0.000
51	Zinc phosphhide	14.794	38.768	27.138	11.630
52	Methyl Bromide	0.000	0.000	0.000	0.000
TOTAL RODENTICIDES		36.229	69.008	48.306	20.702
E	PLANT GROWTH REGULATOR				
53	Alpha Naphthyl Acetic acid	2.055	2.266	1.586	0.680
54	Chlormequat chloride	78.234	77.836	54.485	23.351
TOTAL PGRs		80.288	80.102	56.072	24.031
F	BIOPESTICIDES				
55	Neem based Insecticide	0.000	0.000	0.000	0.000
56	Bacillus thuringensis	0.000	0.000	0.000	0.000
57	Trichoderma	0.000	0.000	0.000	0.000
58	NPV	0.000	0.000	0.000	0.000
TOTAL BIOPESTICIDES		0.000	0.000	0.000	0.000
Total Indigenous		8782.892	10150.596	7105.417	3045.179

**STATEMENT SHOWING THE PESTICIDEWISE (Imported)
REQUIREMENT FOR THE YEAR 2020-21. (MT Tech Grade)**

Sr. No.	Pesticides	Anticipated consumption 2019-20	Demand For 2020-21		
			Total	Kharif	Rabi
1	2	3	4	5	6
A	INSECTICIDE				
1	Allathrin	0.00	0.01	0.004	0.002
2	Acetamiprid	82.16	125.12	87.582	37.535
3	Afidopyropen50	25.89	28.58	20.003	8.573
4	Beta cyfluthrin	0.00	0.00	0.000	0.000
5	Bifenthrin	2.64	3.25	2.272	0.974
6	Buprofezin	11.24	11.54	8.077	3.461
7	Carbosulfan	6.10	0.00	0.000	0.000
8	Cartap hydrochloride	45.46	12.23	8.561	3.669
9	Chlorantraniliprole	0.15	3.05	2.137	0.916
10	Chorfenpyr 10SC	1.93	1.78	1.243	0.533
11	Cyphenothrin	44.09	1.14	0.797	0.342
12	Cyfluthrin	0.00	0.00	0.000	0.000
13	Dazomate	0.00	0.00	0.000	0.000
14	D – Trans Allethrin	0.00	0.00	0.000	0.000
15	Diflubenzuron	0.00	0.00	0.000	0.000
16	Dinotefuran	0.06	0.00	0.000	0.000
17	Emamectin benzoate 5	19.30	13.59	9.514	4.078
18	Ethofenprox	0.19	0.00	0.000	0.000
19	Fenobucarb (BPMC)	50.18	50.60	35.423	15.181
20	Carbofuran	78.58	11.22	7.853	3.365
21	Flufenoxuron	0.00	0.00	0.000	0.000
22	Flubendiamide	3.81	4.25	2.976	1.275
23	Fenprothrin	0.00	0.00	0.000	0.000
24	Fenazaquin	2.30	0.00	0.000	0.000
25	Fipronil	48.23	45.52	31.867	13.657
26	Fluvalinate	4.50	0.00	0.000	0.000
27	Indoxicarb	5.14	5.12	3.586	1.537
28	Imidacloprid	190.91	207.71	145.394	62.312
29	Imiprothrin	12.20	0.00	0.000	0.000
30	Lamdacyhalothrin	42.25	27.02	18.912	8.105
31	Methomyl	5.11	14.07	9.849	4.221
32	Primiphos methyl	0.00	0.00	0.000	0.000
33	Phenthoate	13.43	18.63	13.038	5.588
34	Propetamphos	0.00	0.00	0.000	0.000
35	Propoxur	8.00	0.00	0.000	0.000
36	Propargite	21.63	24.96	17.475	7.489

**STATEMENT SHOWING THE PESTICIDEWISE (Imported)
REQUIREMENT FOR THE YEAR 2020-21. (MT Tech Grade)**

Sr. No.	Pesticides	Anticipated consumption 2019-20	Demand For 2020-21		
			Total	Kharif	Rabi
1	2	3	4	5	6
37	Profenofos	390.62	356.15	249.307	106.846
38	Spinosad	10.26	4.61	3.230	1.384
	Spiromesifen	2.68	2.95	2.068	0.886
	Spirotetramat	9.06	0.00	0.000	0.000
39	Trichlorfon	0.00	0.00	0.000	0.000
40	Thiodicarb	87.30	46.50	32.550	13.950
41	Thiomethoxam	55.41	50.79	35.553	15.237
42	Transfluthrin	0.00	0.00	0.000	0.000
TOTAL INSECTICIDES		1280.785	1070.383	749.268	321.115
B	FUNGICIDES				
43	Ametroctradin	8.81	7.62	5.335	2.287
44	Azoxystrobin	2.02	2.47	1.727	0.740
45	Bentazone	11.69	0.10	0.070	0.030
46	Bitertonol	0.00	0.00	0.000	0.000
47	Boscalid + Pyroclostrob	0.25	1.51	1.058	0.454
48	Carboxin	8.87	3.71	2.595	1.112
49	Chlorothalonil	69.02	70.02	49.013	21.006
50	Cymoxanil	12.92	11.74	8.220	3.523
51	Coper Hydroxide	23.18	1.36	0.951	0.407
52	Dinocap	10.50	11.62	8.131	3.485
53	Diafenthurion	33.26	42.24	29.567	12.672
54	Difenoconazol	13.74	13.63	9.539	4.088
55	Dimethomorph	58.65	43.24	30.269	12.972
56	Ediphenphos	0.00	0.00	0.000	0.000
57	Epoxyconazole	44.79	48.16	33.712	14.448
58	Fluxapyroxad + Pyraclo	18.88	25.74	18.020	7.723
59	Hexaconazole	37.78	23.83	16.682	7.150
60	Iprodion	0.00	0.00	0.000	0.000
61	Isoprothiolane	2.20	0.00	0.000	0.000
62	Fosetyl -al	141.36	142.00	99.401	42.600
63	Kosugamycin	1.78	2.05	1.435	0.615
64	Metalaxyl	65.67	26.25	18.378	7.876
65	Metiram	88.03	153.49	107.440	46.046
66	Metrafenone	7.80	12.83	8.978	3.848
67	Myclobutanil	4.03	5.29	3.703	1.587
68	Oxycarboxin	0.00	0.00	0.000	0.000
69	Penconazole	0.00	0.00	0.000	0.000

**STATEMENT SHOWING THE PESTICIDEWISE (Imported)
REQUIREMENT FOR THE YEAR 2020-21. (MT Tech Grade)**

Sr. No.	Pesticides	Anticipated consumption 2019-20	Demand For 2020-21		
			Total	Kharif	Rabi
1	2	3	4	5	6
70	Propineb	607.20	678.45	474.918	203.536
71	Propiconazole	61.36	66.88	46.816	20.064
72	Pyraclostrobin	19.72	10.75	7.522	3.224
73	Thiophenate methyl	154.69	101.03	70.723	30.310
74	Tebuconazol	69.10	65.86	46.102	19.758
75	Triadimefon	0.00	0.00	0.000	0.000
76	Tricyclazole	22.77	23.36	16.350	7.007
77	Validamycin	1.83	1.31	0.915	0.392
TOTAL FUNGICIDES		1601.905	1596.527	1117.569	478.958
C	WEEDICIDE				
78	Benthiocarb	0.00	0.00	0.000	0.000
79	Clomazone	0.00	0.00	0.000	0.000
80	Clodinafop Propargyl 15	4.76	5.98	4.189	1.795
81	Cinmethylen	4.32	0.00	0.000	0.000
82	Chlorimuron Ethyl	1.34	2.73	1.909	0.818
83	Cyhalofop-butyle	0.01	0.30	0.210	0.090
84	Ethoxy Sulfuron	0.14	0.14	0.095	0.041
85	Fenoxaprop-p-ethyl	10.29	22.43	15.701	6.729
86	Glufosinate-ammonium	106.41	89.63	62.739	26.888
87	Imazamox	8.59	7.09	4.961	2.126
88	Imazethapyr	34.21	34.65	24.252	10.394
89	MCPA	0.00	0.00	0.000	0.000
90	Metasulfuron Methyl	54.83	56.34	39.438	16.902
91	Metilachlor	0.00	0.00	0.000	0.000
92	Methabenzthiazuron	0.00	0.00	0.000	0.000
93	Metribuzin	242.84	235.78	165.045	70.733
94	Oxyflourfen	174.37	145.80	102.058	43.739
95	Diclofop Methyl	0.00	0.00	0.000	0.000
96	Propaquizafop	3.66	4.30	3.010	1.290
97	Oxadiargyl	0.88	0.96	0.672	0.288
98	Prallethrin	0.00	0.00	0.000	0.000
99	Pendimethaline	52.20	30.91	21.634	9.272
100	Fenoxaprop-p-Ethyl	14.55	1.55	1.087	0.466
101	Pritilachlor	88.84	29.08	20.358	8.725
102	Paclobutrazol	1.11	1.38	0.966	0.414
103	Sulfosulfuron	0.00	0.00	0.000	0.000
104	Triallate	0.00	0.00	0.000	0.000

**STATEMENT SHOWING THE PESTICIDEWISE (Imported)
REQUIREMENT FOR THE YEAR 2020-21. (MT Tech Grade)**

Sr. No.	Pesticides	Anticipated consumption 2019-20	Demand For 2020-21		
			Total	Kharif	Rabi
1	2	3	4	5	6
105	Trifluralin	0.00	0.00	0.000	0.000
106	Topramezone	4.07	5.01	3.509	1.504
TOTAL WEEDICIDES		803.349	669.033	468.323	200.710

**STATEMENT SHOWING THE PESTICIDEWISE (Imported)
REQUIREMENT FOR THE YEAR 2020-21. (MT Tech Grade)**

Sr. No.	Pesticides	Anticipated consumption 2019-20	Demand For 2020-21		
			Total	Kharif	Rabi
1	2	3	4	5	6
D	RODENTICIDE & FUMIGANTS				
107	Coumetetrallyl	0.000	0.000	0.000	0.000
108	Bromodiolone	0.000	0.000	0.000	0.000
TOTAL RODENTICIDES		0.000	0.000	0.000	0.000
E	PLANT GROWTH REGULATOR				
109	Ethapon	99.569	94.154	65.908	28.246
110	Gibberallic acid	21.651	5.584	3.909	1.675
111	Hydrogen Cyanide	201.503	94.151	65.906	28.245
TOTAL PGRs		322.723	193.888	135.722	58.166
F	NEMATICIDES				
112	DD Mixture	2.200	0.240	0.168	0.072
	Flupyrum	0.000	0.000	0.000	0.000
TOTAL NEMATICIDES		2.200	0.240	0.168	0.072
TOTAL IMPORTED		4010.962	3530.072	2471.050	1059.022
GRAND TOTAL		12793.855	13680.668	9576.467	4104.200