

STATEMENT SHOWING THE DEMAND VIS-À-VIS CONSUMPTION OF CHEMICAL PESTICIDES DURING 2021-22 AND PROJECTED DEMAND FOR 2022-23 (Tech. Grade MT)

Sr. No.	Pesticides Group	Consumption 2021-22						Demand For 2022-23		
		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	2057	197	882	84	2939	281	169	72	241
2	Imported	887	182	380	78	1268	259	170	73	243
TOTAL INSECTICIDES		2945	406	1262	135	4207	541	339	145	484
B	FUNGICIDES									
1	Indigenous	4216	704	1807	302	6023	1006	894	383	1277
2	Imported	1175	320	503	137	1678	457	385	165	550
TOTAL FUNGICIDES		5391	1024	2310	439	7702	1463	1279	548	1827
C	WEEDICIDES									
1	Indigenous	2094	413	898	177	2992	590	573	245	818
2	Imported	424	56	182	24	605	80	73	31	104
TOTAL WEEDICIDES		2518	469	1079	201	3597	670	646	277	923
D	RODENTICIDES									
1	Indigenous	50	1	21	0	71	1	2	1	2
2	Imported	0	0	0	0	0	0	0	0	0
TOTAL RODENTICIDES		50	1	21	0	71	1	2	1	2
E	PLANT GROWTH REGULATOR									
1	Indigenous	34	9	14	5	48	14	18	8	25
2	Imported	180	98	77	53	257	151	116	50	165
TOTAL PGRs		213	107	91	58	305	164	133	57	191
TOTAL INDIGENOUS		8451	1324	3622	568	12073	1892	1654	709	2363
TOTAL IMPORTED		2666	656	1142	292	3808	948	744	319	1062
GRAND TOTAL		11117	1980	4764	860	15881	2840	2398	1028	3426

STATEMENT SHOWING THE DEMAND VIS-À-VIS CONSUMPTION OF BIO PESTICIDES DURING 2021-22 AND PROJECTED DEMAND FOR 2022-23 (MT)

Sr. No.	Pesticides Group	Actual Consumption 2021-22						Demand For 2022-23		
		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	357.48	116.76	153.2	50.04	510.68	166.80	337.98	144.85	482.83
2	Pseudomanas	149.64	41.86	64.13	17.94	213.77	59.80	141.72	60.74	202.45
3	Beauveria	89.8	145.40	38.49	62.31	128.29	207.71	86.38	37.02	123.39
4	Verticillium	34.3	134.68	14.7	57.72	49	192.39	31.44	13.47	44.91
5	Photorhabdus	0	0.00	0	0.00	0	0.00	0.00	0.00	0.00
6	Neem based	290.64	32.65	124.56	13.99	415.2	46.64	290.65	124.56	415.21
7	Bt	14.07	11.27	6.03	4.83	20.1	16.10	14.07	6.03	20.10
8	Metarrhizium	826	171.50	354	73.50	1180	245.00	826.00	354.00	1180.00
9	NPV	19.6	0.00	8.4	0.00	28	0.00	19.61	8.40	28.01
Total		1781.53	654.11	763.51	280.33	2545.04	934.45	1747.83	749.07	2496.91

**REQUIREMENT FOR THE YEAR 2022-23(Tech. Grade in MT)
(INDIGENOUS)**

Sr. No.	Pesticides	Consumption 2021-22	Demand For 2022-23		
			Total	Kharif	Rabi
1	2	3	4	5	6
A	INSECTICIDES				
1	Acephate	100.985	10.120	7.084	3.036
2	Alphacypermethrin	4.020	4.483	3.138	1.345
3	Cypermethrin	16.488	20.037	14.026	6.011
4	Chlorpyrifos	113.599	144.402	101.081	43.321
5	Dimethoate	17.823	19.761	13.833	5.928
6	Deltamethrin	0.099	0.037	0.026	0.011
7	Dicofol	0.000	1.850	1.295	0.555
8	Ethion	1.228	14.060	9.842	4.218
9	Fenitrothion	0.000	0.000	0.000	0.000
10	Fenthion	0.000	0.000	0.000	0.000
11	Fenvalerate	0.184	0.114	0.080	0.034
12	Malathion	0.650	1.961	1.373	0.588
13	Metaldehyde	0.000	0.000	0.000	0.000
14	Monocrotophos	22.345	19.984	13.989	5.995
15	Neem based Insecticide	0.000	0.000	0.000	0.000
16	Oxy-demeton methyl	0.000	0.000	0.000	0.000
17	Phorate	0.000	0.000	0.000	0.000
18	Phosalone	0.000	0.000	0.000	0.000
19	Pyrethrum	0.000	0.000	0.000	0.000
20	Quinalphos	3.921	4.098	2.868	1.229
21	Temephos (A/beta)	0.000	0.000	0.000	0.000
22	Trizophos	0.000	0.000	0.000	0.000
TOTAL INSECTICIDES		281.343	240.906	168.634	72.272
B	FUNGICIDES				
23	Aureopungin	0.000	0.000	0.000	0.000
24	Captan	2.748	14.493	10.145	4.348
25	Carbendazim	66.373	109.782	76.848	32.935
26	Copper oxychloride	73.375	96.881	67.816	29.064
27	Copper Sulphate	0.000	0.000	0.000	0.000
28	Cuprous oxide	0.000	0.000	0.000	0.000
29	Lime sulphur	0.000	0.000	0.000	0.000
30	Mancozeb	145.161	213.224	149.257	63.967
31	Streptocycline	0.000	0.000	0.000	0.000
32	Sulphur	715.142	828.047	579.633	248.414
33	Thiram	0.000	0.000	0.000	0.000

**REQUIREMENT FOR THE YEAR 2022-23(Tech. Grade in MT)
(INDIGENOUS)**

Sr. No.	Pesticides	Consumption 2021-22	Demand For 2022-23		
			Total	Kharif	Rabi
1	2	3	4	5	6
34	Zinab	1.482	2.040	1.428	0.612
35	Ziram	1.538	12.295	8.606	3.688
TOTAL FUNGICIDES		1005.818	1276.761	893.733	383.028
C	WEEDICIDES				
36	Alachlor	0.000	0.000	0.000	0.000
37	Anilophos	0.000	0.000	0.000	0.000
38	Atrazine	53.965	61.441	43.009	18.432
39	Butachlor	0.300	1.500	1.050	0.450
40	Glyphosate	316.474	402.042	281.429	120.613
41	Diuron	160.560	262.400	183.680	78.720
42	2,4-D	39.987	65.839	46.087	19.752
43	Fluchloralin	0.000	0.000	0.000	0.000
44	Isoproturon	0.000	0.000	0.000	0.000
45	Paraquat Dichloride	18.812	24.866	17.406	7.460
46	Propanil	0.000	0.000	0.000	0.000
TOTAL WEEDICIDES		590.098	818.089	572.662	245.427
D	RODENTICIDE AND FUMIGANTS				
47	Aluminium phosphide	0.000	0.000	0.000	0.000
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	1.200	2.400	1.680	0.720
52	Methyl Bromide	0.000	0.000	0.000	0.000
TOTAL RODENTICIDES		1.200	2.400	1.680	0.720
E	PLANT GROWTH REGULATOR				
53	Alpha Naphthyl Acetic acid	0.000	0.045	0.032	0.014
54	Chlormequat chloride	13.562	25.250	17.675	7.575
TOTAL PGRs		13.562	25.295	17.707	7.589
Total Indigenous		1892.021	2363.450	1654.415	709.035

**STATEMENT SHOWING THE PESTICIDWISE (Imported)
REQUIREMENT FOR THE YEAR 2021-22 (MT Tech Grade)**

Sr. No.	Pesticides	Anticipated consumption 2020-21	Demand For 2021-22		
			Total	Kharif	Rabi
1	2	3	4	5	6
A	INSECTICIDE				
1	Allathrin	0.00	0.00	0.000	0.000
2	Acetamiprid	9.50	13.96	9.769	4.187
3	Afidopyropen50	0.00	0.00	0.000	0.000
4	Azadirachtin	62.90	0.00	0.000	0.000
5	Beta cyfluthrin	0.00	0.00	0.000	0.000
6	Bifenthrin	1.51	2.09	1.461	0.626
7	Buprofezin	10.33	7.98	5.589	2.395
8	Carbosulfan	0.00	0.00	0.000	0.000
9	Cartap hydrochloride	1.37	2.45	1.712	0.734
10	Chlorantraniliprole	0.00	0.00	0.000	0.000
11	Chorfenpyr 10SC	0.00	0.00	0.000	0.000
12	Cyphenothrin	0.00	0.00	0.000	0.000
13	Cyfulthrin	0.00	0.00	0.000	0.000
14	Dazomate	0.00	0.00	0.000	0.000
15	D – Trans Allethrin	0.00	0.00	0.000	0.000
16	Dichlorovos(DDVP)	3.04	0.00	0.000	0.000
17	Diflubenzuron	0.00	0.00	0.000	0.000
18	Dinotefuran	0.04	0.10	0.070	0.030
19	Emamectin benzoate 5	9.85	11.42	7.991	3.425
20	Ethofenprox	0.00	0.00	0.000	0.000
21	Fenobucarb (BPMC)	4.05	7.50	5.250	2.250
22	Carbofuran	0.00	0.00	0.002	0.001
23	Flufenoxuron	0.00	0.00	0.000	0.000
24	Flubendiamide	0.06	0.06	0.042	0.018
25	Fenprothrin	0.00	0.00	0.000	0.000
26	Fenazaquin	0.00	0.00	0.000	0.000
27	Fipronil	4.73	5.45	3.818	1.636
28	Fluvalinate	0.00	0.00	0.000	0.000
29	Hexithiazox	2.04	0.00	0.000	0.000
30	Indoxicarb	0.44	0.54	0.375	0.161
31	Imidacloprid	37.21	54.63	38.242	16.390
32	Imiprothrin	0.00	0.00	0.000	0.000
33	Lamdacalahalothrin	8.63	10.19	7.134	3.057
34	Methomyl	0.00	0.00	0.000	0.000
35	Novaluron	0.29	0.00	0.000	0.000
36	Permethrin	0.00	0.00	0.000	0.000

**STATEMENT SHOWING THE PESTICIDEWISE (Imported)
REQUIREMENT FOR THE YEAR 2021-22 (MT Tech Grade)**

Sr. No.	Pesticides	Anticipated consumption 2020-21	Demand For 2021-22		
			Total	Kharif	Rabi
1	2	3	4	5	6
37	Primiphos methyl	0.00	0.00	0.000	0.000
38	Phenthoate	0.00	0.00	0.000	0.000
39	Propetamphos	0.00	0.00	0.000	0.000
40	Propoxur	0.00	0.00	0.000	0.000
41	Propargite	0.00	0.00	0.000	0.000
42	Profenofos	68.98	83.68	58.576	25.104
43	Pymetrozine	0.10	0.00	0.000	0.000
44	Pyriproxyfen	0.46	0.00	0.000	0.000
45	Spinosad	0.00	0.02	0.016	0.007
46	Spiromesifen	0.00	0.00	0.000	0.000
47	Spirotetramat	0.00	0.00	0.000	0.000
48	Trichlorfon	0.00	0.00	0.000	0.000
49	Thiodicarb	0.00	0.00	0.000	0.000
50	Thiomethoxam	33.96	42.60	29.820	12.780
51	Transfluthrin	0.00	0.00	0.000	0.000
TOTAL INSECTICIDES		259.490	242.666	169.866	72.800
B	FUNGICIDES				
52	Ametroctradin	0.00	0.00	0.000	0.000
53	Azoxystrobin	8.58	3.61	2.530	1.084
54	Bentazone	0.00	0.00	0.000	0.000
55	Bitertonol	0.00	0.00	0.000	0.000
56	Boscalid + Pyroclostrob	0.00	0.00	0.000	0.000
57	Carboxin	0.00	0.00	0.000	0.000
58	Chlorothalonil	0.38	17.63	12.338	5.288
59	Cymoxanil	5.37	9.22	6.451	2.765
60	Coper Hydroxide	0.00	0.00	0.000	0.000
61	Dinocap	0.00	0.00	0.000	0.000
62	Diafenthurion	4.39	4.55	3.186	1.365
63	Difenoconazol	4.73	5.42	3.794	1.626
64	Dimethomorph	0.00	0.00	0.000	0.000
65	Ediphenphos	0.00	0.00	0.000	0.000
66	Epoxyconazole	0.00	0.00	0.000	0.000
67	Fluxapyroxad + Pyraclo	0.00	0.00	0.000	0.000
68	Hexaconazole	13.31	14.69	10.284	4.408
69	Iprodion	0.00	0.00	0.000	0.000
70	Isoprothiolane	0.00	0.00	0.000	0.000
71	Fosetyl -al	0.00	0.00	0.000	0.000

**STATEMENT SHOWING THE PESTICIDEWISE (Imported)
REQUIREMENT FOR THE YEAR 2021-22 (MT Tech Grade)**

Sr. No.	Pesticides	Anticipated consumption 2020-21	Demand For 2021-22		
			Total	Kharif	Rabi
1	2	3	4	5	6
72	Kosugamycin	0.44	0.48	0.336	0.144
73	Metalaxyl	22.67	25.87	18.111	7.762
74	Metiram	0.00	0.00	0.000	0.000
75	Metrafenone	0.00	0.00	0.000	0.000
76	Myclobutanil	0.20	1.70	1.190	0.510
77	Oxycarboxin	0.00	0.00	0.000	0.000
78	Penconazole	0.00	0.00	0.000	0.000
79	Propineb	0.68	0.89	0.623	0.267
80	Propiconazole	9.31	12.79	8.954	3.837
81	Pyraclostrobin	0.00	0.00	0.000	0.000
82	Streptomycin Sulphate	0.00	0.00	0.000	0.000
83	Tetracycline	0.07	0.00	0.000	0.000
84	Thifluzamide	0.00	0.00	0.000	0.000
85	Thiophenate methyl	375.26	435.28	304.694	130.583
86	Tebuconazol	9.28	12.04	8.427	3.612
87	Triadimefon	0.00	2.50	1.750	0.750
88	Tricyclazole	2.54	3.04	2.131	0.913
89	Validamycin	0.10	0.16	0.109	0.047
TOTAL FUNGICIDES		457.306	549.867	384.907	164.960
C	WEEDICIDE				
90	Benthiocarb	0.00	0.00	0.000	0.000
91	Bispyribac Sodium	0.00	0.00	0.000	0.000
92	Clomazone	0.00	0.00	0.000	0.000
93	Clodinofof Propargyl 15	6.89	5.16	3.612	1.548
94	Cinmethylen	0.00	0.00	0.000	0.000
95	Chlorimuron Ethyl	0.13	0.15	0.105	0.045
96	Cyhalofop-butyle	0.00	0.00	0.000	0.000
97	Ethoxy Sulfuron	0.00	0.00	0.000	0.000
98	Fenoxaprop-p-ethyl	0.23	0.25	0.176	0.075
99	Glufosinate-ammonium	0.00	0.00	0.000	0.000
100	Halusulfuron Methyl	0.23	0.00	0.000	0.000
101	Imazamox	0.00	0.00	0.000	0.000
102	Imazethapyr	3.57	3.86	2.704	1.159
103	MCPA	0.00	0.00	0.000	0.000
104	Metasulfuron Methyl	13.29	21.14	14.801	6.343
105	Metilachlor	0.00	0.00	0.000	0.000
106	Methabenzthiazuron	0.00	0.00	0.000	0.000

**STATEMENT SHOWING THE PESTICIDEWISE (Imported)
REQUIREMENT FOR THE YEAR 2021-22 (MT Tech Grade)**

Sr. No.	Pesticides	Anticipated consumption 2020-21	Demand For 2021-22		
			Total	Kharif	Rabi
1	2	3	4	5	6
107	Metribuzin	13.86	28.60	20.021	8.581
108	Oxyflourfen	27.64	27.98	19.585	8.394
109	Diclofop Methyl	0.00	0.00	0.000	0.000
110	Propaquizafop	0.00	0.00	0.000	0.000
111	Oxadiargyl	0.00	0.00	0.000	0.000
112	Prallethrin	0.00	0.00	0.000	0.000
113	Pendimethaline	0.19	0.11	0.074	0.032
114	Fenoxaprop-p-Ethyl	0.16	0.28	0.195	0.083
115	Pritilachlor	12.62	16.89	11.822	5.066
116	Paclobutrazol	0.00	0.00	0.000	0.000
117	Pyrazosulfuron ethyl	0.03	0.00	0.000	0.000
118	Pyrithiobac Sodium	0.57	0.00	0.000	0.000
119	Quizalofop ethyl	0.71	0.00	0.000	0.000
120	Sulfosulfuron	0.00	0.00	0.000	0.000
121	Triallate	0.00	0.00	0.000	0.000
122	Trifluralin	0.00	0.00	0.000	0.000
123	Topramezone	0.00	0.00	0.000	0.000
TOTAL WEEDICIDES		80.107	104.422	73.096	31.327

**STATEMENT SHOWING THE PESTICIDEWISE (Imported)
REQUIREMENT FOR THE YEAR 2021-22 (MT Tech Grade)**

Sr. No.	Pesticides	Anticipated consumption 2020-21	Demand For 2021-22		
			Total	Kharif	Rabi
1	2	3	4	5	6
D	RODENTICIDE & FUMIGANTS				
124	Coumetetrallyl	0.000	0.000	0.000	0.000
125	Bromodiolone	0.000	0.000	0.000	0.000
TOTAL RODENTICIDES		0.000	0.000	0.000	0.000
E	PLANT GROWTH REGULATOR				
126	Ethapon	26.804	29.582	20.707	8.874
127	Forchlorfenuron(CPPU)	0.049	0.000	0.000	0.000
128	Gibberallic acid	0.217	0.236	0.165	0.071
129	Hydrogen Cyanide	123.853	135.600	94.920	40.680
130	Tricontanol	0.010	0.000	0.000	0.000
TOTAL PGRs		150.923	165.417	115.792	49.625
F	NEMATICIDES				
131	DD Mixture	0.000	0.000	0.000	0.000
132	Flupyrum	0.000	0.000	0.000	0.000
TOTAL NEMATICIDES		0.000	0.000	0.000	0.000
TOTAL IMPORTED		947.826	1062.372	743.661	318.712
GRAND TOTAL		2839.847	3425.823	2398.076	1027.747