

**STATEMENT SHOWING THE DEMAND VIS-À-VIS CONSUMPTION OF CHEMICAL PESTICIDES DURING 2020-21 AND PROJECTED DEMAND FOR 2021-22 (Tech. Grade MT)**

Sr. No.	Pesticides Group	Consumption 2020-21						Demand For 2021-22		
		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
<b>A</b>	<b>INSECTICIDES</b>									
1	Indigenous	2526	1649	1082	707	3608	2356	1986	851	2837
2	Imported	1021	801	438	343	1459	1144	790	338	1128
<b>TOTAL INSECTICIDES</b>		<b>3547</b>	<b>2625</b>	<b>1520</b>	<b>875</b>	<b>5067</b>	<b>3500</b>	<b>2775</b>	<b>1189</b>	<b>3965</b>
<b>B</b>	<b>FUNGICIDES</b>									
1	Indigenous	3398	3681	1456	1578	4854	5259	4041	1732	5773
2	Imported	547	1076	234	461	781	1537	978	419	1397
<b>TOTAL FUNGICIDES</b>		<b>3945</b>	<b>4757</b>	<b>1690</b>	<b>2039</b>	<b>5635</b>	<b>6795</b>	<b>5019</b>	<b>2151</b>	<b>7170</b>
<b>C</b>	<b>WEEDICIDES</b>									
1	Indigenous	1800	1343	771	575	2571	1918	2289	981	3270
2	Imported	566	467	243	200	809	667	418	179	597
<b>TOTAL WEEDICIDES</b>		<b>2366</b>	<b>1810</b>	<b>1014</b>	<b>776</b>	<b>3380</b>	<b>2585</b>	<b>2707</b>	<b>1160</b>	<b>3868</b>
<b>D</b>	<b>RODENTICIDE</b>									
1	Indigenous	10	26	4	11	14	38	50	21	71
2	Imported	0	0	0	0	0	0	0	0	0
<b>TOTAL RODENTICIDES</b>		<b>10</b>	<b>26</b>	<b>4</b>	<b>11</b>	<b>14</b>	<b>38</b>	<b>50</b>	<b>21</b>	<b>71</b>
<b>E</b>	<b>PLANT GROWTH</b>									
1	Indigenous	44	51	19	28	63	79	31	13	44
2	Imported	166	160	71	86	237	246	154	66	219
<b>TOTAL PGRs</b>		<b>210</b>	<b>211</b>	<b>90</b>	<b>114</b>	<b>300</b>	<b>325</b>	<b>184</b>	<b>79</b>	<b>263</b>
<b>TOTAL INDIGENOUS</b>		<b>7778</b>	<b>6751</b>	<b>3332</b>	<b>2899</b>	<b>11110</b>	<b>9650</b>	<b>8396</b>	<b>3598</b>	<b>11995</b>
<b>TOTAL IMPORTED</b>		<b>2300</b>	<b>2504</b>	<b>986</b>	<b>1091</b>	<b>3286</b>	<b>3594</b>	<b>2339</b>	<b>1002</b>	<b>3342</b>
<b>GRAND TOTAL</b>		<b>10078</b>	<b>9254</b>	<b>4318</b>	<b>3989</b>	<b>14396</b>	<b>13246</b>	<b>10735</b>	<b>4601</b>	<b>15336</b>

**STATEMENT SHOWING THE DEMAND VIS-À-VIS CONSUMPTION OF BIO PESTICIDES DURING 2020-21 AND PROJECTED DEMAND FOR 2021-22 (MT)**

Sr. No.	Pesticides Group	Actual Consumption 2020-21						Demand For 2021-22		
		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	116.73	99.06	50.03	330.19	166.75	337.97	144.84	482.81
2	Pseudomonas	182.18	41.87	78.08	17.94	260.26	59.81	141.70	60.73	202.43
3	Beauveria	107.9	145.40	46.24	62.31	154.14	207.71	86.49	37.07	123.55
4	Verticillium	56.7	134.68	24.3	57.72	81	192.40	31.01	13.29	44.30
5	Photorhabdus	0	0.00	0	0.00	0	0.00	0.00	0.00	0.00
6	Neem based	259.21	32.65	111.09	13.99	370.3	46.64	290.65	124.56	415.21
7	Bt	0	11.27	0	4.83	0	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	7	0.00	3	0.00	10	0.00	19.61	8.40	28.01
<b>Total</b>		<b>1670.12</b>	<b>654.09</b>	<b>715.77</b>	<b>280.32</b>	<b>2385.89</b>	<b>934.41</b>	<b>1747.49</b>	<b>748.93</b>	<b>2496.42</b>

**REQUIREMENT FOR THE YEAR 2021-22(Tech. Grade in MT)  
(INDIGENOUS)**

Sr. No.	Pesticides	Consumption 2020-21	Demand For 2021-22		
			Total	Kharif	Rabi
1	2	3	4	5	6
<b>A</b>	<b>INSECTICIDES</b>				
1	Acephate	374.170	449.652	314.756	134.896
2	Alphacypermethrin	10.348	5.356	3.749	1.607
3	Cypermethrin	106.941	121.990	85.393	36.597
4	Chlorpyrifos	720.836	930.968	651.677	279.290
5	Dimethoate	142.934	168.413	117.889	50.524
6	Deltamethrin	8.472	9.518	6.662	2.855
7	Dicofol	3.277	4.967	3.477	1.490
8	Ethion	16.036	31.280	21.896	9.384
9	Fenitrothion	0.000	0.000	0.000	0.000
10	Fenthion	0.000	0.000	0.000	0.000
11	Fenvalerate	3.930	4.411	3.088	1.323
12	Malathion	14.838	21.213	14.849	6.364
13	Metaldehyde	0.000	0.000	0.000	0.000
14	Monocrotophos	607.157	666.660	466.662	199.998
15	Neem based Insecticide	0.033	0.088	0.062	0.026
16	Oxy-demeton methyl	0.000	0.000	0.000	0.000
17	Phorate	228.857	257.081	179.957	77.124
18	Phosalone	0.000	0.000	0.000	0.000
19	Pyrethrum	0.000	0.000	0.000	0.000
20	Quinalphos	101.069	111.141	77.799	33.342
21	Temephos (A/beta)	0.275	0.450	0.315	0.135
22	Trizophos	16.862	53.334	37.334	16.000
<b>TOTAL INSECTICIDES</b>		<b>2356.036</b>	<b>2836.520</b>	<b>1985.564</b>	<b>850.956</b>
<b>B</b>	<b>FUNGICIDES</b>				
23	Aureopungin	0.018	0.024	0.017	0.007
24	Captan	223.553	253.518	177.463	76.055
25	Carbendazim	199.395	240.417	168.292	72.125
26	Copper oxycloiride	330.876	358.972	251.280	107.692
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	1771.361	1885.618	1319.933	565.685
31	Streptocycline	5.776	0.600	0.420	0.180
32	Sulphur	1495.423	1786.351	1250.446	535.905
33	Thiram	3.385	3.891	2.724	1.167
34	Zinab	295.398	293.000	205.100	87.900

**REQUIREMENT FOR THE YEAR 2021-22(Tech. Grade in MT)  
(INDIGENOUS)**

Sr. No.	Pesticides	Consumption 2020-21	Demand For 2021-22		
			Total	Kharif	Rabi
1	2	3	4	5	6
35	Ziram	912.701	922.274	645.592	276.682
<b>TOTAL FUNGICIDES</b>		<b>5258.713</b>	<b>5773.046</b>	<b>4041.132</b>	<b>1731.914</b>
<b>C</b>	<b>WEEDICIDES</b>				
36	Alachlor	0.000	0.000	0.000	0.000
37	Anilophos	0.000	0.000	0.000	0.000
38	Atrazine	339.344	287.266	201.086	86.180
39	Butachlor	2.673	6.030	4.221	1.809
40	Glyphosate	843.712	1411.635	988.144	423.490
41	Diuron	238.227	542.400	379.680	162.720
42	2,4-D	348.927	853.808	597.666	256.142
43	Fluchloralin	0.000	0.000	0.000	0.000
44	Isoproturon	0.020	0.000	0.000	0.000
45	Paraquat Dichloride	145.330	169.019	118.313	50.706
46	Propanil	0.000	0.000	0.000	0.000
<b>TOTAL WEEDICIDES</b>		<b>1918.232</b>	<b>3270.158</b>	<b>2289.110</b>	<b>981.047</b>
<b>D</b>	<b>RODENTICIDE AND FUMIGANTS</b>				
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	16.218	40.768	28.538	12.230
52	Methyl Bromide	0.000	0.000	0.000	0.000
<b>TOTAL RODENTICIDES</b>		<b>37.653</b>	<b>71.008</b>	<b>49.706</b>	<b>21.302</b>
<b>E</b>	<b>PLANT GROWTH REGULATOR</b>				
53	Alpha Naphthyl Acetic acid	2.042	2.311	1.618	0.693
54	Chlormequat chloride	77.115	41.600	29.120	12.480
<b>TOTAL PGRs</b>		<b>79.157</b>	<b>43.911</b>	<b>30.738</b>	<b>13.173</b>
<b>F</b>	<b>BIOPESTICIDES</b>				
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	0.060	0.080	0.056	0.024
58	NPV	0.000	0.000	0.000	0.000
<b>TOTAL BIOPESTICIDES</b>		<b>0.060</b>	<b>0.080</b>	<b>0.056</b>	<b>0.024</b>
<b>Total Indigenous</b>		<b>9649.852</b>	<b>11994.723</b>	<b>8396.306</b>	<b>3598.417</b>

**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
<b>A</b>	<b>INSECTICIDE</b>				
1	Allathrin	0.00	0.00	0.000	0.000
2	Acetamiprid	64.31	121.93	85.353	36.580
3	Afidopyropen50	25.89	0.00	0.000	0.000
4	Azadirachtin	0.01	0.00	0.000	0.000
5	Beta cyfluthrin	0.00	0.00	0.000	0.000
6	Bifenthrin	1.31	1.46	1.024	0.439
7	Buprofezin	46.06	50.67	35.470	15.202
8	Carbosulfan	0.00	0.00	0.000	0.000
9	Cartap hydrochloride	31.73	10.63	7.440	3.188
10	Chlorantraniliprole	0.48	0.94	0.658	0.282
11	Chorfenpyr 10SC	1.93	0.00	0.000	0.000
12	Cyphenothrin	0.99	1.14	0.797	0.342
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	0.25	0.25	0.175	0.075
18	Dinotefuran	0.12	0.10	0.070	0.030
19	Emamectin benzoate 5	19.38	19.23	13.460	5.768
20	Ethofenprox	0.19	0.00	0.000	0.000
21	Fenobucarb (BPMC)	10.58	9.15	6.405	2.745
22	Carbofuran	69.52	10.68	7.475	3.203
23	Flufenoxuron	0.00	0.00	0.000	0.000
24	Flubendiamide	10.22	11.28	7.897	3.385
25	Fenprothrin	0.00	0.00	0.000	0.000
26	Fenazaquin	0.00	0.00	0.000	0.000
27	Fipronil	40.11	43.03	30.120	12.908
28	Fluvalinate	0.00	0.00	0.000	0.000
29	Hexithiazox	0.05	0.00	0.000	0.000
30	Indoxicarb	3.21	4.11	2.880	1.234
31	Imidacloprid	178.01	189.56	132.690	56.867
32	Imiprothrin	0.00	0.00	0.000	0.000
33	Lamdacyhalothrin	33.00	31.59	22.116	9.478
34	Methomyl	2.41	14.07	9.849	4.221
35	Novaluron	0.13	0.00	0.000	0.000
36	Permethrin	0.02	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	39.73	48.63	34.038	14.588
39	Propetamphos	0.00	0.00	0.000	0.000
40	Propoxur	0.00	0.00	0.000	0.000
41	Propargite	14.52	22.40	15.680	6.720
42	Profenofos	421.72	412.65	288.852	123.794
43	Pymetrozine	1.05	0.00	0.000	0.000
44	Pyriproxyfen	0.36	0.00	0.000	0.000
45	Spinosad	3.57	4.61	3.230	1.384
46	Spiromesifen	2.68	2.95	2.068	0.886
47	Spirotetramat	9.06	0.00	0.000	0.000
48	Trichlorfon	0.00	0.00	0.000	0.000
49	Thiodicarb	42.30	46.50	32.550	13.950
50	Thiomethoxam	66.10	70.64	49.449	21.193
51	Transfluthrin	0.00	0.00	0.000	0.000
<b>TOTAL INSECTICIDES</b>		<b>1144.002</b>	<b>1128.208</b>	<b>789.745</b>	<b>338.462</b>
<b>B</b>	<b>FUNGICIDES</b>				
52	Ametroctradin	8.81	0.00	0.000	0.000
53	Azoxystrobin	3.53	5.40	3.782	1.621
54	Bentazone	11.69	0.00	0.000	0.000
55	Bitertonol	0.00	0.00	0.000	0.000
56	Boscalid + Pyroclostrob	3.29	3.42	2.394	1.026
57	Carboxin	1.64	3.33	2.333	1.000
58	Chlorothalonil	110.31	133.37	93.358	40.011
59	Cymoxanil	20.37	15.61	10.925	4.682
60	Coper Hydroxide	1.18	1.36	0.951	0.407
61	Dinocap	7.50	11.62	8.131	3.485
62	Diafenthurion	34.67	48.25	33.774	14.475
63	Difenoconazol	14.37	13.37	9.358	4.011
64	Dimethomorph	56.13	7.88	5.516	2.364
65	Ediphenphos	0.00	0.00	0.000	0.000
66	Epoxyconazole	44.79	0.00	0.000	0.000
67	Fluxapyroxad + Pyraclo	18.88	0.00	0.000	0.000
68	Hexaconazole	33.67	39.58	27.706	11.874
69	Iprodion	0.00	0.00	0.000	0.000
70	Isoprothiolane	2.49	2.00	1.400	0.600

**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
71	Fosetyl -al	129.36	142.00	99.401	42.600
72	Kosugamycin	1.78	2.05	1.435	0.615
73	Metalaxyl	46.78	37.85	26.496	11.355
74	Metiram	88.03	0.00	0.000	0.000
75	Metrafenone	7.80	0.00	0.000	0.000
76	Myclobutanil	3.70	5.69	3.983	1.707
77	Oxycarboxin	0.00	0.00	0.000	0.000
78	Penconazole	0.00	0.00	0.000	0.000
79	Propineb	607.13	672.44	470.711	201.733
80	Propiconazole	59.80	62.53	43.774	18.760
81	Pyraclostrobin	19.72	0.00	0.000	0.000
82	Streptomycin Sulphate	12.92	0.00	0.000	0.000
83	Tetracycline	0.07	0.00	0.000	0.000
84	Thifluzamide	1.44	0.00	0.000	0.000
85	Thiophenate methyl	93.92	85.10	59.570	25.530
86	Tebuconazol	72.27	75.44	52.806	22.631
87	Triadimefon	0.00	2.50	1.750	0.750
88	Tricyclazole	17.08	24.71	17.300	7.414
89	Validamycin	1.62	1.05	0.735	0.315
<b>TOTAL FUNGICIDES</b>		<b>1536.742</b>	<b>1396.553</b>	<b>977.587</b>	<b>418.966</b>
<b>C</b>	<b>WEEDICIDE</b>				
90	Benthiocarb	0.00	0.00	0.000	0.000
91	Bispyribac Sodium	0.05	0.00	0.000	0.000
92	Clomazone	0.00	0.00	0.000	0.000
93	Clodinafop Propargyl 15	8.74	11.05	7.736	3.316
94	Cinmethylen	4.32	0.00	0.000	0.000
95	Chlorimuron Ethyl	0.45	2.73	1.909	0.818
96	Cyhalofop-butyle	0.01	0.30	0.210	0.090
97	Ethoxy Sulfuron	0.14	0.14	0.095	0.041
98	Fenoxaprop-p-ethyl	8.91	19.62	13.732	5.885
99	Glufosinate-ammonium	96.49	47.90	33.527	14.369
100	Halusulfuron Methyl	0.15	0.00	0.000	0.000
101	Imazamox	8.59	0.00	0.000	0.000
102	Imazethapyr	31.78	12.85	8.994	3.855
103	MCPA	0.00	0.00	0.000	0.000
104	Metasulfuron Methyl	49.46	64.27	44.990	19.282

**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
105	Metilachlor	0.00	0.00	0.000	0.000
106	Methabenzthiazuron	0.00	0.00	0.000	0.000
107	Metribuzin	247.19	285.04	199.531	85.513
108	Oxyflourfen	124.06	82.90	58.031	24.871
109	Diclofop Methyl	0.00	0.00	0.000	0.000
110	Propaquizafop	3.66	3.80	2.660	1.140
111	Oxadiargyl	0.88	0.96	0.672	0.288
112	Prallethrin	0.00	0.00	0.000	0.000
113	Pendimethaline	35.99	23.63	16.544	7.090
114	Fenoxaprop-p-Ethyl	0.00	1.55	1.087	0.466
115	Pritilachlor	36.03	39.30	27.513	11.791
116	Paclbutrazol	8.56	1.38	0.966	0.414
117	Pyrazosulfuron ethyl	0.82	0.00	0.000	0.000
118	Pyrithiobac Sodium	0.20	0.00	0.000	0.000
119	Quizalofop ethyl	0.72	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	4.07	0.00	0.000	0.000
<b>TOTAL WEEDICIDES</b>		<b>667.213</b>	<b>597.425</b>	<b>418.198</b>	<b>179.228</b>

**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
<b>D</b>	<b>RODENTICIDE &amp; FUMIGANTS</b>				
124	Coumetetrallyl	0.000	0.000	0.000	0.000
125	Bromodiolone	0.000	0.000	0.000	0.000
<b>TOTAL RODENTICIDES</b>		<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
<b>E</b>	<b>PLANT GROWTH REGULATOR</b>				
126	Ethapon	77.534	60.686	42.480	18.206
127	Forchlorfenuron(CPPU)	7.190	0.000	0.000	0.000
128	Gibberallic acid	19.689	0.633	0.443	0.190
129	Hydrogen Cyanide	141.702	158.050	110.635	47.415
130	Tricentanol	0.012	0.000	0.000	0.000
<b>TOTAL PGRs</b>		<b>246.114</b>	<b>219.369</b>	<b>153.558</b>	<b>65.811</b>
<b>F</b>	<b>NEMATICIDES</b>				
131	DD Mixture	2.200	0.240	0.168	0.072
132	Flupyrum	2.965	0.000	0.000	0.000
<b>TOTAL NEMATICIDES</b>		<b>2.200</b>	<b>0.240</b>	<b>0.168</b>	<b>0.072</b>
<b>TOTAL IMPORTED</b>		<b>3596.271</b>	<b>3341.795</b>	<b>2339.257</b>	<b>1002.539</b>
<b>GRAND TOTAL</b>		<b>13246.123</b>	<b>15336.518</b>	<b>10735.563</b>	<b>4600.955</b>