

GOVERNMENT OF INDIA
MINISTRY OF CHEMICALS & FERTILIZERS
DEPARTMENT OF CHEMICALS & PETROCHEMICALS
RAJYA SABHA

UN-STARRED QUESTION NO. 992
TO BE ANSWERED ON 12.12.2023

PRODUCTION OF MAJOR CHEMICALS

992. SHRI BRIJ LAL:

SMT. SEEMA DWIVEDI:

Will the Minister of Chemicals and Fertilizers be pleased to state:

- (a) the details of expansion in the production capacity of the major chemicals; and
- (b) an overview of the current production levels for major chemicals in the country?

ANSWER

MINISTER OF STATE FOR CHEMICALS AND FERTILIZERS

(SHRI BHAGWANTH KHUBA)

(a) & (b): Chemical sector is broadly de-regulated and de-licensed. However, Department of Chemicals & Petrochemicals (DCPC) compiles statistics on monthly production data and installed capacity of selected chemicals and petrochemicals products from certain industry units. The details of current production level for major Chemicals in the country is at **Annexure-I.**

Annexure-I

Production of major chemicals products (Product-wise) from 2018-19 to 2022-23					
<i>Figures in MT</i>					
ALKALI CHEMICALS					
Product	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
SODA ASH	3048187	3069431	2638117	3078901	3219315
CAUSTIC SODA	2925352	3136937	2964078	3462771	3604471
LIQUID CHLORINE	2069111	2250429	2174264	2499329	2668849
Total	8042650	8456797	7776459	9041001	9492635
INORGANIC CHEMICALS					
Product	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
ALUMINIUM FLUORIDE	5697	5050	3698	8909	5307
CALCIUM CARBIDE	83170	81339	86778	98618	83437
CARBON BLACK	546390	500146	384780	456487	447003
POTASSIUM CHLORATE	703	16178	17079	17678	14233
SODIUM CHLORATE	0	0	17917	21144	23210
TITANIUM DIOXIDE	57059	49487	51222	56957	46811
RED PHOSPHORUS	1029	1030	1066	1146	1170
HYDROGEN PEROXIDE	156453	122839	139904	143488	184366
POTASSIUM IODATE	0	564	542	579	507
CALCIUM CARBONATE	213329	286833	274791	246775	252382
Total	1063830	1063466	977777	1051781	1058426
ORGANIC CHEMICALS					
Product	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
ACETIC ACID	153801	167856	154755	166590	165488
ACETIC ANHYDRIDE	95471	74149	75088	78425	97851
ACETONE	40740	36268	39034	36115	33987
PHENOL	65394	57850	61272	58156	54980
METHANOL	271929	176046	234026	167714	69268
FORMALDEHYDE	226610	260413	244660	293071	301056
NITROBENZENE	68804	61138	76092	82846	64466
MALEIC ANHYDRIDE	4557	5024	5382	6328	6905
PENTAERYTHRITOL	14990	15210	11652	16334	15594
ANILINE	37852	25437	33529	39662	22165
CHLORO METHANES	285531	296909	326952	340820	411558
ISOBUTYLBENZENE	9699	9441	12719	8520	9603
ONCB	23696	19836	23269	26686	27076
PNCB	36073	31903	38885	43710	46193
MEK	6995	9834	8001	8850	8348
ACETALDEHYDE	61890	77102	55965	72512	77697
ETHANOLAMINES	16703	15390	16703	20976	19685
ETHYL ACETATE	440563	473392	453127	445434	438343
MENTHOL	6239	7444	7482	10299	6357
ORTHO NITRO TOLUENE	16886	25975	27672	29948	34895
Total	1884423	1846617	1906265	1952996	1911515

PESTICIDES AND INSECTICIDES

<i>Figures in MT</i>					
Product	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
D.D.T.	1366	1103	569	658	279
MALATHION	4390	3793	3838	3286	2837
DIMETHOATE	1257	1446	1452	1391	1014
D.D.V.P.	9136	0	935	422	42
QUINALPHOS	885	856	1056	2454	601
MONOCROTOPHOS	5298	5817	7917	7487	5100
PHORATE	5847	0	0	0	0
ETHION	1318	2127	2220	2794	2333
FENVALERATE	695	670	493	678	502
CYPERMETHRIN	10952	10865	12291	16480	10883
ACEPHATE	19633	21081	29588	29556	33387
CHLORPYRIPHOS	7143	6496	8529	7620	8454
TRIAZOPHOS	886	0	0	0	0
TEMEPHOS	77	148	148	0	64
DELTAMETHRIN	682	685	590	707	740
ALPHAMETHRIN	344	438	536	506	488
PROFENOFOS TECHNICAL	12452	12361	16080	16247	16099
PRETILACHLOR TECHNICAL	3626	3066	3587	3218	3455
LAMBDA CYHALOTHRIN	622	2297	1677	2696	3099
PHENTHOATE	1534	1408	1349	1830	1797
PERMETHRIN TECH	1860	1222	1656	2485	3584
IMIDACALOPRID TECH	100	20	29	26	1
CAPTAN & CAPTAFOL	1931	1462	1463	1897	1634
ZIRAM(THIO BARBAMATE)	763	634	881	673	587
CARBENDZIM(BAVISTIN)	21	0	0	0	0
MANCOZAB	69331	60880	97428	118667	83615
HEXACONAZOLE	501	753	809	1279	614
METCONAZOLE	336	207	200	190	347
2, 4-D	24236	22555	27050	39996	41962
ETHOFUMESATE TECHNICAL	1042	792	433	732	892
THIAMETHOXAM TECHNICAL	5569	6152	5211	6562	6425
PENDIMETHALIN	2822	2753	3639	4764	4674
METRIBUZIN	1919	2648	3191	1999	2336
TRICLOPYR ACID TECH	125	132	0	380	169
GLYPHOSATE	6684	5911	6129	5722	4697
DIURON	3618	3397	3423	2325	3501
ATRAZIN	1477	1730	1611	1689	3063
ZINC PHOSPHIDE	1260	1316	1468	2019	1488
ALUMINIUM PHOSPHIDE	4913	4914	7614	9904	7367
DICOFOL	52	10	0	0	0
Total	216703	192145	255090	299339	258130

DYES AND PIGMENTS

<i>Figures in MT</i>					
Product	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023

AZO DYES	9049	8540	6624	9146	7646
ACID DIRECT DYES(OTHER THAN AZO)	24126	22748	20224	23973	21161
BASIC DYES	0	0	0	0	0
DISPERSE DYES	55242	61942	51790	65940	60431
FAST COLOUR BASES	0	0	0	0	0
INGRAIN DYES	0	0	0	0	0
OIL SOLUBLE (SOLVENT DYES)	2291	2413	441	673	473
OPTICAL WHITENING AGENTS	29303	20741	18175	22544	16767
ORGANIC PIGMENT	73935	75082	67274	74335	55595
PIGMENT EMULSION	9777	9685	8596	9310	8320
REACTIVE DYES	151384	156710	132127	161940	117213
SULPHUR DYES (SULPHUR BLACK)	7541	7445	5094	8583	10683
VAT DYES	1779	2126	1986	2320	2442
SOLUBILISED VAT DYES	4	0	0	0	0
FOOD COLOURS	786	671	493	705	919
NAPTHOLS	0	0	0	0	0
OTHER DYES	0	0	0	0	0
INORGANIC PIGMENTS	16288	16121	14637	18551	16408
Total	381505	384224	327461	398020	318058
Total chemical Production	11589111	11943249	11243052	12743137	13038764
