Monsanto COST REPORT

CONFIDENTIAL

DIVISION PROC CHEMICAL
PLANT W G KRUMMRICH

PRODUCTION

	THIS MONTH	YEAR TO DATE
ACTUAL		13,514,083
SCHEDULED		13,514,083
CAPACITY	6,100,000	73,200,000

DEPT. NO. PECIAL PRODUCT CODE 746 81100
PRODUCT AROCHLOR CONV
COST UNIT 100 LBS DATE DEC 1977
LAST YEAR ACTUAL PRODUCTION 29,591,589

OPERATING DATA : ACTUAL DAYS
SCHEDULED DAYS

	BRACKET 1	BRACKET 2	BRACKET 3	BRACKET 4	BRACKET 5	BRACKET 6	BRACKET 7	BRACKET 8	TOTAL

	EXPENSES	CURRENT MONTH AMOUNTS: ACTUAL COST	SCHEDULED COST	OVER-UNDER SCHEDULED COST	YEAR TO DATE AMOUNTS: ACTUAL COST	SCHEDULED COST	OVER-UNDER SCHEDULED COST	UNIT COSTS: CURRENT MONTH ACTUAL	CURRENT MONTH SCHEDULED	YEAR TO DATE ACTUAL	LAST YEAR ACTUAL
	NET MATERIAL COST										
526	MATERIAL HANDLG				1 416	2 730	1 314			010	014
527	CONTAINER HNDLG				4 453	7 702	3 249			033	027
	TOT RAW MAT COST				5 869	10 432	4 563			043	041
533	ELECT CKWH				26 718	22 337	4 381-			198	141
536	COMP AIR MCF				6 924	6 150	774-			051	035
539	WATER-PUR MG				12 879	9 723	3 156-			095	124
545	GAS DIST MMB				14 465	13 092	1 373-			107	079
570	WAGES-PRODUCTN				102 890	109 307	6 417			761	518
572	WAGES-MECHANICL				12 132	11 365	767-			090	059
575	SALARIES				29 726	33 894	4 168			220	189
578	PAYROLL OH				35 426	36 281	855			262	182
590	SUPPLIES				13 004	14 332	1 328			096	068
601	WAGES-PACKING				788		788-			006	005
603	PACKING OH				76	478	402			001	003
610	LABORATORY				3 405	875	2 530-			025	009
613	CLOTH/LAUN-SAFE				972	1 577	605			007	006
614	CLOTHING LAUNDR				2 692	1 890	802-			020	013
621	TECH SVC DEPT				5 528	8 281	2 753			041	001
636	CST TRF SPECMFG				12		12-				
641	TOTAL RENTALS				350	208	142-			003	002
651	RSCH-PROD-PROCS										002
657	RSCH-PLT-PROCES					581	581				
659	SUP-OPT-REPRMEN				6 725	4 540	2 185-			050	005
661	WASTE DISPOSAL				33 201	28 861	4 340-			246	076
667	TOXICOLOGICAL				18 767	46 493	27 726			139	214
687	TANK CAR STORAG					693	693				
693	ME-EARN/PLT IMP					5 831	5 831				029
694	M-E-TRUE REPAIR				93 433	129 255	35 822			691	640
697	INCINERATN COST				92 237	112 931	20 694			683	223
	TOT DIRECT CONV				512 350	598 975	86 625			3 792	2 623
	TOT DIR MFG COST				518 219	609 407	91 188			3 835	2 664
698	DEPRECIATION				132 533	131 775	758-			981	762
760	FIE-INS & TAXES				168 311	174 097	5 786			1 246	967
761	FIE-OTHER				11 425	4 326	7 099-			084	061
	TOT INDIRECT CON				312 269	310 198	2 071-			2 311	1 790
996	VAR-PERF VOLUME					16-	16-				
	TOT PRODUCT COST				830 488	919 589	89 101			6 146	4 454
997	VAR-PRICE-MTL-					2 247	2 247				
998	VAR-UNSCH CAP					1 154	1 154				
	TOT COST AND VAR				830 488	922 990	92 502			6 146	4 454

DSW 311472

132-2 (REV. 8-70)

STLCOPCB4071458

Monsanto COST REPORT

CONFIDENTIAL

DIVISION PROC CHEMICAL
PLANT W G KRUMMRICH

PRODUCTION

	THIS MONTH	YEAR TO DATE
ACTUAL		13,514,083
SCHEDULED		13,514,083
CAPACITY	6,100,000	73,200,000

DEPT. NO. PECIAL
PRODUCT CODE 746 81100
PRODUCT AROCHLOR CONV
COST UNIT 100 LBS
DATE DEC 1977
LAST YEAR ACTUAL PRODUCTION 29,591,589

MATERIAL VOLUMES

	MATERIAL OR EXPENSE	ACTUAL QUANTITY USED	SCHEDULED QUANTITY	RAW MATERIAL ACTUAL PRICE	YEAR TO DATE ACTUAL QUANTITY USED	YEAR TO DATE SCHEDULED QUANTITY	QUANTITY USED PER UNIT PRODUCED CURRENT MONTH ACTUAL	CURRENT MONTH SCHEDULED	YEAR TO DATE ACTUAL	LAST YEAR ACTUAL
533	ELECT CKWH			2 14000	13 324	11 080			0986	0697
536	COMP AIR MCF			17195	45 193	39 294			3344	2283
539	WATER-PUR MGAL			27500	49 667	37 360			3675	4773
545	GAS DIST MMBTU			2 39297	5 957	5 351			0441	0386
570	WAGES-PRODUCTN				11 694	12 427			0865	0647
610	LABORATORY				2 099	460			0155	0050

YIELD

USE OF THEORY # % SCHEDULE TO ACTUAL % % THEORY TO ACTUAL %
USE OF THEORY # % SCHEDULE TO ACTUAL % % THEORY TO ACTUAL %

MATERIAL COST

MATERIAL	CURRENT MONTH AMOUNT ACTUAL COST	CURRENT MONTH AMOUNT SCHEDULED COST	CURRENT MONTH AMOUNT OVER-UNDER SCHEDULED COST	YEAR TO DATE AMOUNT ACTUAL COST	YEAR TO DATE AMOUNT SCHEDULED COST	YEAR TO DATE AMOUNT OVER-UNDER SCHEDULED COST	UNIT COST CURRENT MONTH ACTUAL	UNIT COST CURRENT MONTH SCHEDULED	UNIT COST YEAR TO DATE ACTUAL	UNIT COST LAST YEAR ACTUAL
NET MATERIAL COST										

DSW 311473

152-1 (REV. 4-73)

STLCOPCB4071459

Monsanto COST REPORT

CONFIDENTIAL

DIVISION PROC CHEMICAL
PLANT W G KRUMMRICH

PRODUCTION		
THIS MONTH		YEAR TO DATE
2,728,413	ACTUAL	29,591,589
2,728,413	SCHEDULED	29,591,589
6,100,000	CAPACITY	73,200,000

DEPT. NO. 81100 PRODUCT CODE 746 81100
PRODUCT AROCHLOR -CONV
COST UNIT 100 LBS DATE DEC 1976
LAST YEAR ACTUAL PRODUCTION

OPERATING DATA : ACTUAL DAYS

	BRACKET 1	BRACKET 2	BRACKET 3	BRACKET 4	BRACKET 5	BRACKET 6	BRACKET 7	BRACKET 8	TOTAL
SCHEDULED DAYS	1.0		22.0						23.0

	EXPENSES	CURRENT MONTH AMOUNTS ACTUAL COST	CURRENT MONTH AMOUNTS SCHEDULED COST	CURRENT MONTH AMOUNTS OVER-UNDER SCHEDULED COST	YEAR TO DATE AMOUNTS ACTUAL COST	YEAR TO DATE AMOUNTS SCHEDULED COST	YEAR TO DATE AMOUNTS OVER-UNDER SCHEDULED COST	UNIT COSTS CURRENT MONTH ACTUAL	UNIT COSTS CURRENT MONTH SCHEDULED	UNIT COSTS YEAR TO DATE ACTUAL	LAST YEAR ACTUAL
	NET MATERIAL COST				5		5-				
526	MATERIAL HANDLG	360	682	322	4 043	7 398	3 355	013	025	014	
527	CONTAINER HNDLG	980	982	2	8 095	10 652	2 557	036	036	027	
	TOT RAW MAT COST	1 340	1 664	324	12 143	18 050	5 907	049	061	041	
533	ELECT CKWH	4 473	4 408	65-	41 724	42 337	613	164	162	141	
536	COMP AIR MCF	1 103	968	135-	10 335	10 191	144-	040	035	035	
539	WATER-PUR MG	3 137	3 985	848	36 750	41 291	4 541	115	146	124	
545	GAS DIST MMB	2 917	2 744	173-	23 320	23 343	23	107	101	079	
570	WAGES-PRODUCTN	14 759	13 175	1 584-	153 324	150 448	2 876-	541	483	518	
572	WAGES-MECHANICL	1 632	1 307	325-	17 324	14 924	2 400-	060	048	059	
575	SALARIES	5 231	4 432	799-	55 927	49 524	6 403-	192	162	189	
578	PAYROLL OH	4 724	4 589	135-	53 892	50 625	3 267-	173	168	182	
590	SUPPLIES	2 587	1 705	882-	20 183	19 470	713-	095	062	068	
601	WAGES-PACKING	280		280-	1 422		1 422-	010		005	
603	PACKING OH		64	64	1 030	730	300-		002	003	
610	LABORATORY	1 076	136	940-	2 531	1 479	1 052-	039	005	009	
613	CLOTH/LAUN-SAFE	196	189	7-	1 642	2 159	517	007	007	006	
614	CLOTHING LAUNDR	429	227	202-	3 724	2 594	1 130-	016	008	013	
621	TECH SVC DEPT		1 816	1 816	270	21 792	21 522		067	001	
641	TOTAL RENTALS	30	31	1	703	359	340-	003	001	002	
651	RSCH-PROD-PROCS				528		528-			002	
657	RSCH-PLT-PROCES		625	625		7 500	7 500		023		
659	SUP-DPT-REPRMEN		518	518	1 545	5 912	4 367		019	005	
661	WASTE DISPOSAL	1 614	2 067	453	22 373	23 601	1 228	059	076	076	
667	TOXICOLOGICAL	4 612	6 923	2 311	63 354	79 056	15 702	169	254	214	
687	TANK CAR STORAG		103	103		1 176	1 176		004		
693	ME-EARN/PLT IMP	156	2 500	2 344	8 551	30 000	21 449	006	092	029	
694	M-E-TRUE REPAIR	33 949	23 318	10 631-	189 378	279 816	90 438	1 244	855	640	
697	INCINERATN COST	1 609		1 609-	66 077	379 488	313 411	059		223	
	TOT DIRECT CONV	84 514	75 830	8 684-	775 907	1 237 811	461 904	3 097	2 780	2 623	
	TOT DIR MFG COST	85 854	77 494	8 360-	788 050	1 255 861	467 811	3 146	2 841	2 664	
698	DEPRECIATION	17 356	19 154	1 798	225 556	229 848	4 292	636	702	762	
760	FIE-INS & TAXES	31 071	23 426	7 645-	286 292	281 112	5 180-	1 138	859	967	
761	FIE-OTHER	858	500	358-	17 862	6 000	11 862-	031	018	061	
	TOT INDIRECT CON	49 285	43 080	6 205-	529 710	516 960	12 750-	1 805	1 579	1 790	
1-	VAR-PERF VOLUME		1-	1-		32-	32-		001-		
	TOT PRODUCT COST	135 139	120 573	14 566-	1 317 760	1 772 789	455 029	4 951	4 419	4 454	
997	VAR-PRICE-MTL-		1 442-	1 442-		3 719	3 719		052-		
998	VAR-UNSCH CAP		537	537		5 448-	5 448-		019		
	TOT COST AND VAR	135 139	119 668	15 471-	1 317 760	1 771 060	453 300	4 951	4 386	4 454	

DSW 311474

152-2 (REV. 8-70)

STLCOPCB4071460

Monsanto COST REPORT

CONFIDENTIAL

DIVISION PROC CHEMICAL
PLANT W G KRUMMRICH

PRODUCTION	THIS MONTH	YEAR TO DATE
ACTUAL	2,728,413	29,591,589
SCHEDULED	2,728,413	29,591,589
CAPACITY	6,100,000	73,200,000

DEPT. NO. 81100 PRODUCT CODE 746 81100
PRODUCT AROCHLOR CONV
COST UNIT 100 LBS DATE DEC 1976
LAST YEAR ACTUAL PRODUCTION

MATERIAL VOLUME

	MATERIAL OR EXPENSE	ACTUAL QUANTITY USED	SCHEDULED QUANTITY	RAW MATERIAL ACTUAL PRICE	YEAR TO DATE ACTUAL QUANTITY USED	YEAR TO DATE SCHEDULED QUANTITY	QUANTITY USED PER UNIT PRODUCED CURRENT MONTH ACTUAL	CURRENT MONTH SCHEDULED	YEAR TO DATE ACTUAL	LAST YEAR ACTUAL
94005	5 GAL 246A				2					
533	ELECT CKWH	1 857	1 830	2 40872	20 620	20 969	0681	0670	0697	
536	COMP AIR MCF	6 578	5 771	16768	67 543	66 128	2411	2120	2283	
539	WATER-PUR MGAL	10 681	13 567	29370	141 255	155 851	3915	4970	4773	
545	GAS DIST MMBTU	1 114	1 048	2 61849	11 412	11 368	0408	0380	0386	
570	WAGES-PRODUCTN	1 710	1 605	8 63099	19 142	18 325	0627	0590	0647	
610	LABORATORY	469	97	2 29424	1 478	1 054	0172	0040	0050	

YIELD

USE OF	THEORY	#	% SCHEDULE TO ACTUAL	%	% THEORY TO ACTUAL	%
USE OF	THEORY	#	% SCHEDULE TO ACTUAL	%	% THEORY TO ACTUAL	%

MATERIAL COST

	MATERIAL	CURRENT MONTH AMOUNT ACTUAL COST	CURRENT MONTH AMOUNT SCHEDULED COST	CURRENT MONTH AMOUNT OVER-UNDER SCHEDULED COST	YEAR TO DATE AMOUNT ACTUAL COST	YEAR TO DATE AMOUNT SCHEDULED COST	YEAR TO DATE AMOUNT OVER-UNDER SCHEDULED COST	UNIT COST CURRENT MONTH ACTUAL	UNIT COST CURRENT MONTH SCHEDULED	UNIT COST YEAR TO DATE ACTUAL	UNIT COST LAST YEAR ACTUAL
94005	5 GAL 246A				5		5-				
	NET MATERIAL COST				5		5-				

DSW 311475

STLCOPCB4071461

Monsanto COST REPORT-

CONFIDENTIAL

DIVISION: SPEC & PROC CHM
PLANT: W G KRUMMRICH

PRODUCTION	THIS MONTH	YEAR TO DATE
ACTUAL	982,674	15,462,966
SCHEDULED	982,674	14,089,942
CAPACITY	1,917,000	23,004,000

DEPT. NO. 81100 PRODUCT CODE 246 81100
PRODUCT AROCLORS
COST UNIT 100 LBS DATE DEC 1975
LAST YEAR ACTUAL PRODUCTION 15,033,144

OPERATING DATA: ACTUAL DAYS — BRACKET 1 | BRACKET 2 | BRACKET 3 | BRACKET 4 | BRACKET 5 | BRACKET 6 | BRACKET 7 | BRACKET 8 | TOTAL

SCHEDULED DAYS 2.0 | 21.0 | 23.0

	EXPENSES	CURRENT MONTH AMOUNTS: ACTUAL COST	SCHEDULED COST	OVER-UNDER SCHEDULED COST	YEAR TO DATE AMOUNTS: ACTUAL COST	SCHEDULED COST	OVER-UNDER SCHEDULED COST	UNIT COSTS: CURRENT MONTH ACTUAL	CURRENT MONTH SCHEDULED	YEAR TO DATE ACTUAL	LAST YEAR ACTUAL
	NET MATERIAL COST	143 503	149 144	5 641	2 357 052	2 398 959	41 907	14 605	15 178	15 242	12 887
526	MATERIAL HANDLG	860	590	270-	8 778	9 278	500	088	060	057	055
527	CONTAINER HDL EX	959	1 179	220	11 654	18 554	6 900	098	120	075	100
	TOT RAW MAT COST	145 322	150 913	5 591	2 377 484	2 426 791	49 307	14 791	15 356	15 374	13 042
530	STEAM METU	7 945	8 450	505	81 344	83 386	2 042	809	860	526	323
533	ELECTRICITY	1 041	1 075	34	12 460	11 952	508-	106	109	081	051
536	COMP AIR	27	23	4-	4 013	3 556	457-	003	002	026	018
539	WATER PURCH	930	1 147	517	13 942	12 354	1 588-	064	117	090	060
545	GAS M	221	179	42-	2 078	3 023	945	022	018	013	012
570	WAGES	7 513	7 570	57	94 632	87 225	7 407-	765	770	612	585
575	SALARIES	2 048	1 773	275-	21 711	21 276	435-	208	180	140	122
578	PAYROLL OVERHEAD	2 084	2 047	37-	27 025	23 583	3 442-	212	208	175	153
590	SUPPLIES	569	1 450	881	15 147	16 706	1 559	058	148	098	088
601	PACKING LABOR	57	125	68	790	1 445	655	006	013	005	005
603	PACKING O/H	60	56	4-	696	646	50-	006	006	005	003
610	LABORATORY	1 670	1 575	95-	26 432	18 975	7 457-	170	160	171	162
613	CL & LAUN SAFETY	98	52	46-	1 990	630	1 360-	010	005	013	008
614	CLOTHING LAUNDRY	245	73	172-	1 951	830	1 121-	025	007	013	015
621	TECHNICAL SERVIS	315	2 701	2 386	16 923	32 412	15 489	032	275	109	126
635	EXPERIMENTAL										009
636	SPCL MFG JOB TRF										054
641	RENTALS EQUIPT	12		12-	156		156-	001		001	001
657	PLT PROC RESCH		318	318	1 977	3 816	1 839		032	013	044
661	WASTE DISPOSAL	1 466	812	654-	16 193	9 207	6 986-	149	083	105	078
667	TOXICOLOGICAL	1 658	1 787	129	34 223	20 589	13 634-	169	182	221	198
687	TANK CARSIG				97		97-			001	
693	EARN SPLT IMPROV	330	1 362	1 032	11 222	16 344	5 122	034	139	073	075
694	MECH EXPENSE	9 069	9 873	804	136 374	118 476	17 898-	923	1 005	882	711
697	INCINERATIONCOST	63 944	4 311	59 633-	117 938	49 678	68 260-	6 507	439	763	343
	TOT DIRECT CONV	101 002	46 759	54 243-	639 314	536 105	103 205-	10 279	4 758	4 136	3 244
	TOT DIR MFG COST	246 324	197 672	48 652-	3 016 798	2 962 900	53 898-	25 070	20 116	19 510	16 286
69	DEPRECIATION	9 479	9 864	385	115 298	118 368	3 070	965	1 004	746	762
760	-IE-INS-TAXES	11 750	10 494	1 256-	130 477	125 928	4 549-	1 195	1 068	843	927
761	OTHER INDIR EXP	184		184-	2 896		2 896-	019		018	012
	TOT INDIRECT COS	21 413	20 358	1 055-	248 671	244 296	4 375-	2 179	2 072	1 607	1 707
	[illegible] VOL		12-	12-		49 013	49 013		003-		
	TOT PRODUCT COST	267 737	218 018	49 719-	3 265 469	3 256 209	9 260-	27 249	22 185	21 117	17 993
	[illegible] & ART MIX		2 182	2 182		3 107	3 107		222		
	[illegible]		31 031-	31 031-		286 473-	286 473-		3 157-		
	TOT COST - VAR	267 737	189 169	78 568-	3 265 469	2 972 843	292 626-	27 249	19 250	21 117	17 993

DSW 311476

STLCOPCB4071462

Monsanto COST REPORT

CONFIDENTIAL

DIVISION SPEC & PROC CHM
PLANT W G KRUMMRICH

PRODUCTION	THIS MONTH	YEAR TO DATE
ACTUAL	982,674	15,462,966
SCHEDULED	982,674	14,089,942
CAPACITY	1,917,000	23,004,000

DEPT. NO. 81100 PRODUCT CODE 246 81100
PRODUCT AROCLORS
COST UNIT 100 LBS DATE DEC 1975
LAST YEAR ACTUAL PRODUCTION 15,033,144

MATERIAL VOLUMES

	MATERIAL OR EXPENSE	ACTUAL QUANTITY USED	SCHEDULED QUANTITY	RAW MATERIAL ACTUAL PRICE	YEAR TO DATE ACTUAL QUANTITY USED	YEAR TO DATE SCHEDULED QUANTITY	QUANTITY USED PER UNIT PRODUCED CURRENT MONTH ACTUAL	CURRENT MONTH SCHEDULED	YEAR TO DATE ACTUAL	LAST YEAR ACTUAL
33500	FERRIC CHLORIDE	442	491	45928	7 383	7 730	0450	0500	0477	0470
38800	LIME HYDRATE	1 908	2 457	02463	36 568	38 558	1942	2500	2365	2179
43101	LIQ NITROGEN	151 690	78 614	00147	2 702 452	1 237 037	19 5070	8 0000	17 4769	19 7546
44202	FUEL OIL NO 2				495				0032	
48289	PURGCEL	1 474		06450		23 196		1500		0383
81059	CHLORINE	1 004 450	1 041 910	06000	16 647 371	16 593 403	102 2160	106 0280	107 6596	106 6701
82601	DIPHENYL	502 587	522 272	17691	7 859 310	8 125 782	51 1448	53 1480	50 8267	52 0424
82801	LAND FILL RESID.									3 4534-
82851	MURIATIC ACID	332 814-	332 814-	02000	4 945 447-	4 945 447-	33 8682-	33 8680-	31 9825-	32 0490-
93320	55 GAL ST DRUM	21	21	18 66667	350	329	0021	0020	0023	0011
94146	5 GAL PAIL	22		2 54545	41	70	0022		0003	0001
530	STEAM MBTU	2 787	2 964	2 85074	34 465	34 902	2836	3020	2229	1935
533	ELECTRICITY CKWH	574	593	1 81359	7 269	6 981	0584	0600	0470	0348
536	COMP AIR MCF	3 295	2 804	00819	37 817	33 015	3353	2850	2446	1659
539	WATER PURCH MGAL	2 378	4 328	26493	59 365	51 882	2420	4400	3839	2678
545	GAS MMBTU	170	138	1 30000	1 503	2 178	0173	0140	0097	0150
570	WAGES	971	1 018	7 73738	12 656	11 731	0988	1040	0818	0846
610	LABORATORY	1 047	1 312	1 59503	18 750	15 810	1065	1340	1213	1466

YIELD

USE OF	THEORY #	% SCHEDULE TO ACTUAL %	% THEORY TO ACTUAL %		
USE OF	THEORY #	% SCHEDULE TO ACTUAL %	% THEORY TO ACTUAL %		

MATERIAL COST

	MATERIAL	CURRENT MONTH AMOUNT ACTUAL COST	CURRENT MONTH AMOUNT SCHEDULED COST	CURRENT MONTH AMOUNT OVER-UNDER SCHEDULED COST	YEAR TO DATE AMOUNT ACTUAL COST	YEAR TO DATE AMOUNT SCHEDULED COST	YEAR TO DATE AMOUNT OVER-UNDER SCHEDULED COST	UNIT COST CURRENT MONTH ACTUAL	UNIT COST CURRENT MONTH SCHEDULED	UNIT COST YEAR TO DATE ACTUAL	UNIT COST LAST YEAR ACTUAL
33500	FERRIC CHLORIDE	203	226	23	2 719	2 852	133	021	023	018	013
38800	LIME HYDRATE	47	61	14	335	875	40	005	006	005	004
43101	LIQ NITROGEN	281	116	165-	4 211	1 969	2 242-	029	012	027	028
44202	FUEL OIL NO 2				1 140		1 140-			007	
48289	PURGCEL		95	95		1 496	1 498		010		002
81059	CHLORINE	60 267	62 515	2 248	1 033 771	1 030 130	3 641-	6 133	6 362	6 685	5 036
82601	DIPHENYL	88 913	92 395	3 482	1 406 653	1 454 241	47 588	9 048	9 402	9 097	6 137
82851	MURIATIC ACID	6 656-	6 656-		98 909-	98 909-		677-	677-	640-	354-
93320	55 GAL ST DRUM	392	392		6 530	6 138	392-	040	040	042	021
94146	5 GAL PAIL	56		56-	102	165	63	006		001	
	NET MATERIAL COST	143 503	149 144	5 641	2 357 052	2 393 959	41 907	14 605	15 178	15 242	12 887

DSW 311477

STLCOPCB4071463

Monsanto COST REPORT

CONFIDENTIA

DIVISION RUBBER & PROCESS
PLANT H G KRUMMRICH

PRODUCTION

	THIS MONTH		YEAR TO DATE
ACTUAL	1,805,027		15,033,144
SCHEDULED	1,259,000		14,117,349
CAPACITY	1,917,000		23,004,000

DEPT. NO 81100 PRODUCT CODE 246 8110u
PRODUCT AROCLORS
COST UNIT 100 LBS DATE DEC 1974
LAST YEAR ACTUAL PRODUCTION 15,018,724

OPERATING DATA : ACTUAL DAYS

	BRACKET 1	BRACKET 2	BRACKET 3	BRACKET 4	BRACKET 5	BRACKET 6	BRACKET 7	BRACKET 8	TOTAL
SCHEDULED DAYS	2.0			20.0					22.0

	EXPENSES	CURRENT MONTH AMOUNTS ACTUAL COST	CURRENT MONTH AMOUNTS SCHEDULED COST	CURRENT MONTH AMOUNTS OVER-UNDER SCHEDULED COST	YEAR TO DATE AMOUNTS ACTUAL COST	YEAR TO DATE AMOUNTS SCHEDULED COST	YEAR TO DATE AMOUNTS OVER-UNDER SCHEDULED COST	UNIT COSTS CURRENT MONTH ACTUAL	UNIT COSTS CURRENT MONTH SCHEDULED	UNIT COSTS YEAR TO DATE ACTUAL	UNIT COSTS LAST YEAR ACTUAL
	NET MATERIAL COST	298 787	301 710	2 923	1 937 423	1 960 134	22 711	16 554	16 714	12 887	7 083
525	MATERIAL HANDLG	737	903	166	8 252	7 518	734-	041	050	055	058
527	CONTAINER HDL EX	662	2 347	1 685	15 015	19 543	4 528	037	130	100	118
	TOT RAW MAT COST	300 186	304 960	4 774	1 960 690	1 987 195	26 505	16 632	16 894	13 042	7 259
530	STEAM MBTU	5 202	5 906	704	48 590	58 389	9 799	288	327	323	301
533	ELECTRICITY	839	1 131	292	7 702	10 286	2 584	046	063	051	069
536	COMP AIR	204	174	30-	2 731	2 617	114-	011	010	018	025
539	WATER PURCH	670	1 003	333	8 981	11 642	2 661	037	056	060	067
545	GAS M	33	161	128	1 760	1 733	27-	002	009	012	008
570	WAGES	9 033	7 503	1 530-	87 958	90 468	2 510	500	416	585	581
575	SALARIES	1 723	1 439	284-	18 293	17 268	1 025-	095	080	122	127
578	PAYROLL OVERHEAD	2 792	1 880	912-	23 032	22 663	369-	155	104	153	150
590	SUPPLIES	2 319	1 259	1 060-	13 254	15 180	1 926	128	070	088	125
601	PACKING LABOR		111	111	813	1 333	520		006	005	016
603	PACKING O/H		48	48	465	587	122		003	003	003
610	LABORATORY	2 619	1 273	1 346-	24 314	16 101	8 213-	145	071	162	086
613	CL & LAUN SAFETY	147	45	102-	1 251	573	678-	008	002	008	004
614	CLOTHING LAUNDRY	237	91	146-	2 205	1 080	1 125-	013	005	015	008
621	TECHNICAL SERVIS	4 057	2 654	1 403-	18 969	31 848	12 879	225	147	126	106
630	UNMATCHED MECH J										003
635	EXPERIMENTAL				1 349		1 349-			009	
636	SPCL MFG JOB TRF	63		63-	8 191		8 191-	003		054	003
641	RENTALS EQUIPT	51		51-	171		171-	003		001	001
651	PROD PROCESS RES										001
657	PLT PROC RESCH	444	260	184-	6 588	3 120	3 468-	025	014	044	015
661	WASTE DISPOSAL	547	723	176	11 762	8 577	3 185-	030	040	078	248
667	TOXICOLOGICAL	4 276	1 152	3 124-	29 751	13 885	15 866-	237	064	198	109
693	EASN &PLT IMPROV	287	1 301	1 014	11 203	15 612	4 409	016	072	075	124
694	MECH EXPENSE	7 638	6 541	1 097-	106 860	78 492	28 368-	423	362	711	393
697	INCINERATIONCOST	8 061	7 712	349-	51 512	93 496	41 984	447	427	343	
	TOT DIRECT CONV	51 242	42 367	8 875-	487 705	494 950	7 245	2 837	2 348	3 244	2 573
	TOT DIR MFG COST	351 428	347 327	4 101-	2 448 395	2 482 145	33 750	19 469	19 242	16 286	9 832
698	DEPRECIATION	8 044	10 163	2 119	115 509	121 956	6 447	446	563	768	795
760	FIE-INS-TAXES	16 071	10 803	5 268-	139 520	129 636	9 884-	890	598	927	821
761	OTHER INDIR EXP	333		333-	1 953		1 953-	018		012	061
	TOT INDIRECT CON	24 448	20 966	3 482-	256 982	251 592	5 390-	1 354	1 161	1 707	1 677
410	PERFORMANCE VOL		17 828	17 828		29 778	29 778		988		
	TOT PRODUCT COST	375 876	386 121	10 245	2 705 377	2 763 515	58 138	20 823	21 391	17 993	11 509
997	PRICE & MAT MIX		19 030-	19 030-		19 504-	19 504-		1 054-		
998	UNSCHEDULED CAP		19 876-	19 876-		275 880-	275 880-		1 101-		
	TOT COST AND VAR	375 876	347 215	28 661-	2 705 377	2 468 131	237 246-	20 823	19 236	17 993	11 509

DSW 311478

STLCOPCB4071464

152-2 (REV. 8-70)

Monsanto COST REPORT

CONFIDENTIAL

DIVISION RUBBER & PROCESS
PLANT W G KRUMMRICH

PRODUCTION	THIS MONTH	YEAR TO DATE
ACTUAL	1,805,027	15,033,144
SCHEDULED	1,259,000	14,117,349
CAPACITY	1,917,000	23,004,000

DEPT. NO. 81100 PRODUCT CODE 246 81100
PRODUCT AROCLORS
COST UNIT 100 LBS DATE DEC 1974
LAST YEAR ACTUAL PRODUCTION 15,018,724

	MATERIAL OR EXPENSE	ACTUAL QUANTITY USED	SCHEDULED QUANTITY	RAW MATERIAL ACTUAL PRICE	YEAR TO DATE ACTUAL QUANTITY USED	YEAR TO DATE SCHEDULED QUANTITY	QUANTITY USED PER UNIT PRODUCED CURRENT MONTH ACTUAL	CURRENT MONTH SCHEDULED	YEAR TO DATE ACTUAL	LAST YEAR ACTUAL
33500	FERRIC CHLORIDE	931	903	24812	7 066	7 518	0516	0500	0470	0484
38800	LIME HYDRATE	5 376	4 513	02418	32 756	37 583	2978	2500	2179	1686
43101	LIQ NITROGEN	538 800	144 402	00140	2 969 729	1 202 653	29 8500	8 0000	19 7545	10 0230
48233	PURGCEL		2 708	06300	5 761	22 550		1500	0383	0184
81059	CHLORINE	1 848 902	1 884 701	06500	16 035 827	15 936 343	102 4307	104 4140	106 6698	107 4242
81437	AROCLOR REWORK									1452
82601	DIPHENYL	967 423	972 765	19001	7 823 591	7 991 377	53 5960	53 8920	52 0423	50 8668
82801	LAND FILL RESID.				519 150-				3 4534-	7288-
82851	MURIATIC ACID	576 062-	576 062-	01100	4 817 952-	4 817 952-	31 9143-	31 9140-	32 0489-	32 5059-
93006	55 GAL OHNE SCO2									0001-
93173	55 GAL 18-GA 37A									0001
93231	30 GAL 18 GA DRM									0005
93322	55 GAL BI DRUM			12 68630	171	167			0011	0060
94135	5 GAL BI CAN			2 14200		17				
94145	5 GAL PAIL	6		2 33333	22		0003		0001	
530	STEAM MBTU	2 490	2 827	2 08916	29 093	34 899	1379	1570	1935	2214
533	ELECTRICITY CKWH	419	565	2 00239	5 225	6 978	0232	0310	0348	0472
535	COMP AIR MCF	2 205	1 885	09252	24 933	23 265	1222	1040	1659	2030
539	WATER PURCH MGAL	2 754	4 124	24328	40 261	51 884	1526	2280	2678	3273
545	GAS MMBTU	52	254	63462	2 261	2 117	0029	0140	0150	0136
570	WAGES	1 101	1 115	8 20436	12 720	13 448	0610	0620	0846	0902
610	LABORATORY	1 682	1 136	1 55707	22 036	14 374	0932	0630	1466	0728

MATERIAL VOLUMES

YIELD

USE OF THEORY # %SCHEDULE TO ACTUAL % %THEORY TO ACTUAL

USE OF THEORY # %SCHEDULE TO ACTUAL % %THEORY TO ACTUAL

MATERIAL COST

	MATERIAL	CURRENT MONTH AMOUNT ACTUAL COST	CURRENT MONTH AMOUNT SCHEDULED COST	CURRENT MONTH AMOUNT OVER/UNDER SCHEDULED COST	YEAR TO DATE AMOUNT ACTUAL COST	YEAR TO DATE AMOUNT SCHEDULED COST	YEAR TO DATE AMOUNT OVER/UNDER SCHEDULED COST	UNIT COST CURRENT MONTH ACTUAL	UNIT COST CURRENT MONTH SCHEDULED	UNIT COST YEAR TO DATE ACTUAL	UNIT COST LAST YEAR ACTUAL
33500	FERRIC CHLORIDE	231	224	7-	1 981	2 113	132	013	012	013	012
38800	LIME HYDRATE	130	109	21-	654	737	83	007	006	004	004
43101	LIQ NITROGEN	753	202	551-	4 170	1 682	2 488-	042	011	028	013
48233	PURGCEL		171	171	368	1 427	1 059		009	002	001
81059	CHLORINE	120 179	122 506	2 327	757 063	752 778	4 285-	6 658	6 787	5 036	4 061
82601	DIPHENYL	183 817	184 835	1 018	1 223 268	1 251 430	28 162	10 184	10 240	8 137	3 431
82851	MURIATIC ACID	6 337-	6 337-		53 220-	53 220-		351-	351-	354-	519-
93006	55 GAL OHNE SCO2										001-
93173	55 GAL 18-GA 37A										001
93231	30 GAL 18 GA DRM										010
93322	55 GAL BI DRUM				3 088	3 151	63			021	070
94135	5 GAL BI CAN					36	36				
94145	5 GAL PAIL	14		14-	51		51-	001			
	NET MATERIAL COST	298 787	301 710	2 923	1 937 423	1 960 134	22 711	16 554	16 714	12 887	7 083

DSW 311479

STLCOPCB4071465

Monsanto COST REPORT

CONFIDENTIAL

DIVISION RUBBER & PROCESS
PLANT W G KRUMMRICH

PRODUCTION	THIS MONTH	YEAR TO DATE
ACTUAL	1,174,538	15,018,724
SCHEDULED	1,174,538	15,018,724
CAPACITY	2,000,000	24,000,000

DEPT. NO. 81100 PRODUCT CODE 246 81100
PRODUCT AROCLORS
COST UNIT 100 LBS DATE DEC 1973.
LAST YEAR ACTUAL PRODUCTION 16,265,575

OPERATING DATA : ACTUAL DAYS

	BRACKET 1	BRACKET 2	BRACKET 3	BRACKET 4	BRACKET 5	BRACKET 6	BRACKET 7	BRACKET 8	TOTAL
SCHEDULED DAYS	2.0			19.0					21.0

	EXPENSES	CURRENT MONTH AMOUNTS ACTUAL COST	CURRENT MONTH AMOUNTS SCHEDULED COST	CURRENT MONTH AMOUNTS OVER-UNDER SCHEDULED COST	YEAR TO DATE AMOUNTS ACTUAL COST	YEAR TO DATE AMOUNTS SCHEDULED COST	YEAR TO DATE AMOUNTS OVER-UNDER SCHEDULED COST	UNIT COSTS CURRENT MONTH ACTUAL	UNIT COSTS CURRENT MONTH SCHEDULED	UNIT COSTS YEAR TO DATE ACTUAL	UNIT COSTS LAST YEAR ACTUAL
	NET MATERIAL COST	90 178	91 966	1 788	1 063 940	1 077 022	13 082	7 678	7 831	7 083	5 815
526	MATERIAL HANDLG	676	352	324-	8 769	4 507	4 262-	058	030	058	042
527	CONTAINER HDL EX	1 543	411	1 132-	17 749	5 255	12 494-	131	035	118	049
	TOT RAW MAT COST	92 397	92 729	332	1 090 458	1 086 784	3 674-	7 867	7 896	7 259	5 906
530	STEAM MBTU	3 951	4 018	67	45 253	48 035	2 782	336	342	301	227
533	ELECTRICITY	698	836	138	10 306	10 296	10-	059	071	069	055
536	COMP AIR	203	144	59-	3 697	2 872	825-	017	012	025	021
539	WATER PURCH	570	809	239	10 126	10 882	756	049	069	067	047
545	GAS M	81	228	147	1 257	2 569	1 312	007	019	008	010
570	WAGES	6 819	6 985	166	87 288	89 286	1 998	581	595	561	518
575	SALARIES	1 495	1 461	34-	19 045	17 532	1 513-	127	124	127	146
578	PAYROLL OVERHEAD	1 526	1 575	49	22 492	20 111	2 381-	130	134	150	136
590	SUPPLIES	1 321	837	484-	18 739	10 633	8 106-	112	071	125	037
601	PACKING LABOR	274	459	185	2 328	5 824	3 496	023	039	016	037
603	PACKING O/H	270	93	177-	382	1 183	801	023	008	003	008
610	LABORATORY	1 153	2 473	1 320	12 984	33 457	20 473	098	211	086	147
613	CL & LAUN SAFETY	49		49-	581		581-	004		004	
614	CLOTHING LAUNDRY	108	135	27	1 197	1 715	518	009	011	008	018
621	TECHNICAL SERVIS	1 646	1 766	120	15 897	21 192	5 295	140	150	106	160
630	UNMATCHED MECH J				444		444-			003	003
635	EXPERIMENTAL										039
636	SPCL MFG JOB TRF				517		517-			003	013
641	RENTALS EQUIPT	16		16-	136		136-	001		001	001
651	PROD PROCESS RES		650	650	76	7 800	7 724		055	001	029
657	PLT PROC RESCH		433	433	2 192	5 196	3 004		037	015	037
661	WASTE DISPOSAL	373	6 907	6 534	37 256	87 715	50 459	032	588	248	358
667	TOXICOLOGICAL	1 882	804	1 078-	16 433	10 207	6 226-	160	068	109	144
693	EARN &PLT IMPROV	360	3 382	3 022	18 661	40 584	21 923	031	288	124	114
694	MECH EXPENSE	5 139	7 018	1 879	59 081	84 216	25 135	438	598	393	431
	TOT DIRECT CONV	27 934	41 013	13 079	386 368	511 305	124 937	2 377	3 490	2 573	2 736
311					11		11-				
	TOT DIR MFG COST	120 331	133 742	13 411	1 476 837	1 598 089	121 252	10 244	11 386	9 832	8 642
698	DEPRECIATION	9 121	10 232	1 111	119 442	122 784	3 342	777	871	795	769
760	FIE-INS-TAXES	7 740	11 638	3 898	123 358	139 656	16 298	659	991	821	769
761	OTHER INDIR EXP	178		178-	9 286		9 286-	015		061	025
	TOT INDIRECT CON	17 039	21 870	4 831	252 086	262 440	10 354	1 451	1 862	1 677	1 563
4-	PERFORMANCE VOL		4-	4-		53-	53-				
	TOT PRODUCT COST	137 370	155 608	18 238	1 728 923	1 860 476	131 553	11 695	13 248	11 509	10 205
997	PRICE & MAT MIX		13 321-	13 321-		69 861-	69 861-		1 134-		
998	UNSCHEDULED CAP		18 249-	18 249-		215 600-	215 600-		1 553-		
	TOT COST AND VAR	137 370	124 038	13 332-	1 728 923	1 575 015	153 908-	11 695	10 561	11 509	10 205

DSW 311480

153-2 (REV 8-70)

STLCOPCB4071466

Monsanto COST REPORT

CONFIDENTIAL

DIVISION RUBBER & PROCESS
PLANT W G KRUMMRICH

PRODUCTION

	THIS MONTH	YEAR TO DATE
ACTUAL	1,174,538	15,018,724
SCHEDULED	1,174,538	15,018,724
CAPACITY	2,000,000	24,000,000

DEPT. NO. 81100 PRODUCT CODE 246 81100
PRODUCT AROCLORS
COST UNIT 100 LBS DATE DEC 1973
LAST YEAR ACTUAL PRODUCTION 16,265,575

	MATERIAL OR EXPENSE	ACTUAL QUANTITY USED	SCHEDULED QUANTITY	RAW MATERIAL ACTUAL PRICE	YEAR TO DATE ACTUAL QUANTITY USED	YEAR TO DATE SCHEDULED QUANTITY	QUANTITY USED PER UNIT PRODUCED CURRENT MONTH ACTUAL	CURRENT MONTH SCHEDULED	YEAR TO DATE ACTUAL	LAST YEAR ACTUAL
33500	FERRIC CHLORIDE	445	587	31910	7 270	7 510	0379	0500	0484	0539
38800	LIME HYDRATE	1 700	2 936	02235	25 319	37 548	1447	2500	1686	2188
43101	LIQ NITROGEN	201 309	93 963	00121	1 505 331	1 201 498	17 1394	8 0000	10 0230	6 2171
48289	POR ACT BAUXITE		1 762	04017	2 770	22 528		1500	0184	0350
81059	CHLORINE	1 261 094	1 261 959	04390	16 133 714	16 153 589	107 3694	107 4430	107 4240	104 8182
81487	AROCLOR REWORK				21 800	13 709			1452	1 3002
82601	DIPHENYL	589 997	616 574	06679	7 639 533	7 053 654	50 2323	52 4950	50 8667	49 6408
82801	LAND FILL RESID.				109 450-				7288-	3 8784-
82851	MURIATIC ACID	418 729-	418 729-	01560	4 881 959-	4 881 959-	35 6505-	35 6510-	32 5058-	29 2977-
93006	55 GAL OHNE SC02				16-				0001-	0002
93007	55 GAL OHNE SC01									0007
93170	55 GAL 18-GA 37A				15				0001	
93231	30 GAL 18 GA DRM				75				0005	0015
93246	55 GAL DRUM			11 70350	6	6				
93320	55 GAL BI DRUM	124	121	12 26613	900	787	0106	0100	0060	0224
94135	5 GAL BI CAN		2-	2 41065		143-				
94140	CONTAINER				2					
530	STEAM MBTU	2 646	2 691	1 49320	33 246	35 244	2253	2290	2214	1703
533	ELECTRICITY CKWH	449	538	1 55457	7 082	7 047	0382	0460	0472	0456
536	COMP AIR MCF	2 532	1 794	08017	30 491	23 497	2156	1530	2030	1755
539	WATER PURCH MGAL	2 761	3 919	20645	49 163	52 635	2351	3340	3273	2369
545	GAS MMBTU	117	329	69231	2 049	4 205	0100	0280	0136	0084
570	WAGES	994	1 071	6 86016	13 540	13 598	0846	0910	0902	0820
610	LABORATORY	836	2 473	1 37919	10 931	33 457	0712	2110	0728	1333

YIELD

USE OF	THEORY	#	%SCHEDULE TO ACTUAL	%	%THEORY TO ACTUAL %
USE OF	THEORY	#	%SCHEDULE TO ACTUAL	%	%THEORY TO ACTUAL %

MATERIAL COST

	MATERIAL	CURRENT MONTH AMOUNT ACTUAL COST	CURRENT MONTH AMOUNT SCHEDULED COST	CURRENT MONTH AMOUNT OVER-UNDER SCHEDULED COST	YEAR TO DATE AMOUNT ACTUAL COST	YEAR TO DATE AMOUNT SCHEDULED COST	YEAR TO DATE AMOUNT OVER-UNDER SCHEDULED COST	UNIT COST CURRENT MONTH ACTUAL	UNIT COST CURRENT MONTH SCHEDULED	UNIT COST YEAR TO DATE ACTUAL	UNIT COST LAST YEAR ACTUAL
33500	FERRIC CHLORIDE	142	187	45	1 730	1 800	70	012	016	012	013
38800	LIME HYDRATE	38	66	28	572	861	289	003	006	004	003
43101	LIQ NITROGEN	243	114	129-	1 940	1 585	355-	021	010	013	008
48289	POR ACT BAUXITE		71	71	177	1 022	845		006	001	002
81059	CHLORINE	55 362	55 400	38	609 957	610 833	876	4 714	4 717	4 061	3 077
82601	DIPHENYL	39 404	41 181	1 777	515 303	529 936	14 633	3 355	3 506	3 431	2 920
82851	MURIATIC ACID	6 532-	6 532-		77 938-	77 938-		556-	536-	519-	476-
93006	55 GAL OHNE SC02				100-		100			001-	001
93007	55 GAL OHNE SC01										005
93170	55 GAL 18-GA 37A				125		125-			001	
93231	30 GAL 18 GA DRM				1 541		1 541-			010	017
93246	55 GAL DRUM				73	73					
93320	55 GAL BI DRUM	1 521	1 484	37-	10 553	9 195	1 358-	129	126	070	245
94135	5 GAL BI CAN		5-	5-		345-	345-				
94140	CONTAINER				7		7-				
	NET MATERIAL COST	90 178	91 966	1 788	1 063 940	1 077 022	13 082	7 678	7 831	7 083	5 815

152-I (REV. 4/73)

DSW 311481

STLCOPCB4071467

Monsanto COST REPORT

CONFIDENTIAL

DIVISION RUBBER & PROCESS
PLANT W G KRUMMRICH

PRODUCTION	THIS MONTH		YEAR TO DATE
ACTUAL	1,644,090		16,265,575
SCHEDULED	1,644,090		16,265,575
CAPACITY	2,000,000		24,000,000

DEPT. NO. 81100 PRODUCT CODE 246 81100
PRODUCT AROCLORS
COST UNIT 100 LBS DATE DEC 1972
LAST YEAR ACTUAL PRODUCTION 43,451,998

OPERATING DATA : ACTUAL DAYS

	BRACKET 1	BRACKET 2	BRACKET 3	BRACKET 4	BRACKET 5	BRACKET 6	BRACKET 7	BRACKET 8	TOTAL
SCHEDULED DAYS									31.0

	EXPENSES	CURRENT MONTH AMOUNTS ACTUAL COST	SCHEDULED COST	OVER-UNDER SCHEDULED COST	YEAR TO DATE AMOUNTS ACTUAL COST	SCHEDULED COST	OVER-UNDER SCHEDULED COST	UNIT COSTS CURRENT MONTH ACTUAL	CURRENT MONTH SCHEDULED	YEAR TO DATE ACTUAL	LAST YEAR ACTUAL
	NET MATERIAL COST	97 112	97 021	91-	969 802	977 220	7 418	5 908	5 902	5 963	5 517
526	MATERIAL HANDLG	492	493	1	6 861	4 881	1 980-	030	030	042	034
527	CONTAINER HDL EX	1 395	575	820-	8 048	5 692	2 356-	085	035	049	035
	TOT RAW MAT COST	98 999	98 089	910-	984 711	987 793	3 082	6 023	5 967	6 054	5 586
530	STEAM MBTU	2 757	4 278	1 521	36 974	48 594	11 620	168	260	227	241
533	ELECTRICITY	908	861	47-	8 894	8 766	128-	055	052	055	039
536	COMP AIR	403	267	136-	3 411	2 973	438-	025	016	021	060
539	WATER PURCH	715	1 027	312	7 684	10 627	2 943	043	062	047	032
545	GAS MBTU	45	257	212	1 660	2 076	416	003	016	010	017
570	WAGES	7 257	8 967	1 710	84 309	105 061	20 752	441	545	518	475
575	SALARIES	1 902	1 919	17	23 824	22 968	856-	116	117	146	068
578	PAYROLL OVERHEAD	1 792	2 191	399	22 059	25 697	3 638	109	133	136	110
590	SUPPLIES	2 855-	620	3 475	6 073	7 320	1 247	174-	038	037	061
601	PACKING LABOR	400	397	3-	6 016	4 687	1 329-	024	024	037	045
603	PACKING O/H		103	103	1 380	1 217	163-		006	008	009
610	LABORATORY	1 576	1 644	68	23 928	16 266	7 662-	096	100	147	104
613	CL & LAUN SAFETY										006
614	CLOTHING LAUNDRY	220	241	21	2 859	2 836	23-	013	015	018	005
621	TECHNICAL SERVIS	2 331	3 029	698	26 039	36 253	10 214	142	184	160	113
630	UNMATCHED MECH J	368		368-	447		447-	022		003	
635	EXPERIMENTAL				6 340		6 340-			039	018
636	SPCL MFG JOB TRF				2 095		2 095-			013	002
641	RENTALS EQUIPT	24		24-	156		156-	001		001	001
644	START UP EXPENSE										285
651	PROD PROCESS RES				4 681		4 681-			029	002
657	PLT PROC RESCH		1 333	1 333	5 970	15 955	9 985		081	037	006
661	WASTE DISPOSAL	4 109	493	3 616-	58 161	4 880	53 281-	250	030	358	501
667	TOXICOLOGICAL	2 714		2 714-	23 445		23 445-	165		144	097
687	TANK CAR STOR										003
693	EARN &PLT IMPROV	2 597	2 400	197-	18 526	28 725	10 199	158	146	114	047
694	MECH EXPENSE	6 701	8 350	1 649	70 075	99 938	29 863	408	508	431	309
	TOT DIRECT CONV	33 964	38 377	4 413	445 006	444 839	167-	2 065	2 333	2 736	2 636
	TOT DIR MFG COST	132 963	136 466	3 503	1 429 717	1 432 632	2 915	8 088	8 300	8 790	8 222
698	DEPRECIATION	9 648	11 828	2 180	125 120	141 566	16 446	587	719	769	443
760	FIE-INS-TAXES	9 726	11 363	1 637	125 051	135 999	10 948	592	691	769	368
761	OTHER INDIR EXP	318		318-	3 935		3 935-	019		025	014
	TOT INDIRECT CON	19 692	23 191	3 499	254 106	277 565	23 459	1 198	1 410	1 563	825
4-	PERFORMANCE VOL		4-	4-		27-	27-				
	TOT PRODUCT COST	152 655	159 653	6 998	1 683 823	1 710 170	26 347	9 286	9 710	10 353	9 047
997	PRICE & MAT MIX		4 209-	4 209-		10 992	10 992		256-		
998	UNSCHEDULED CAP		9 911-	9 911-		265 829-	265 829-		602-		
	TOT COST AND VAR	152 655	145 533	7 122-	1 683 823	1 455 333	228 490-	9 286	8 852	10 353	9 047

DSW 311482

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STLCOPCB4071468

Monsanto COST REPORT

CONFIDENTIAL

DIVISION RUBBER & PROCESS
PLANT W G KRUMMRICH

PRODUCTION

	THIS MONTH		YEAR TO DATE
ACTUAL	1,644,090		16,265,575
SCHEDULED	1,644,090		16,265,575
CAPACITY	2,000,000		24,000,000

DEPT. NO. 81100
PRODUCT AROCLORS
COST UNIT 100 LBS
LAST YEAR ACTUAL PRODUCTION 43,451,998

PRODUCT CODE 246 81100
DATE DEC 1972

MATERIAL VOLUMES

	MATERIAL OR EXPENSE	ACTUAL QUANTITY USED	SCHEDULED QUANTITY	RAW MATERIAL ACTUAL PRICE	YEAR TO DATE ACTUAL QUANTITY USED	YEAR TO DATE SCHEDULED QUANTITY	QUANTITY USED PER UNIT PRODUCED CURRENT MONTH ACTUAL	CURRENT MONTH SCHEDULED	YEAR TO DATE ACTUAL	LAST YEAR ACTUAL
33500	FERRIC CHLORIDE	923	658	22427	8 772	6 506	0561	0400	0539	0475
38800	LIME HYDRATE	2 352	2 466	01403	35 581	24 398	1431	1500	2188	1331
43101	LIQ NITROGEN	91 960	131 527	00137	1 011 247	1 301 245	5 5934	8 0000	6 2171	9 4960
48289	POR ACT BAUXITE	4 110		03900	5 692	40 664		2500	0350	0125
81059	CHLORINE	1 752 741	1 729 599	03164	17 049 314	17 082 478	106 6086	105 2010	104 8184	95 7327
81097					600-				0037-	
81097	PYRANOL A*13*838				600				0037	
81111	SCRAP AROCLOR									0594
81112					171 684	171 686			1 0555	
81487	AROCLOR REWORK				211 479	211 554			1 3002	
82601	DIPHENYL	807 150	841 100	05803	8 074 372	8 212 207	49 0340	51 1590	49 6409	55 5459
82610	AROCLOR 1221	20 280	20 272	08171	43 160	43 152	1 2335	1 2330	2653	1286
82611					18 150	18 150			1116	
82612	ANNISTON 1242				2 790	2 790			0172	
82613	ANNISTON 1254				1 680	1 680			0103	
82641					35 788	56 842			2200	
82801	LAND FILL RESID.	39 600-			630 850-		2 4086-		3 8784-	
82851	MURIATIC ACID	649 269-	649 269-	01625	4 765 445-	4 765 445-	39 4911-	39 4910-	29 2977-	24 2291-
82863	HCL GAS MURIATIC									8 4649-
93006		8		6 25000	31		0005		0002	
93007		94		8 04255	108		0057		0007	
93231					250				0015	
93320	55 GAL BI DRUM	227	166	11 19824	3 650	3 284	0138	0100	0224	0261
94135	5 GAL BI CAN			1 89000		16-				0026
94140	CONTAINER									0002
530	STEAM MBTU	1 998	3 100	1 37988	27 708	36 550	1215	1890	1703	1893

YIELD

USE OF	THEORY #	% SCHEDULE TO ACTUAL %	% THEORY TO ACTUAL %	
USE OF	THEORY #	% SCHEDULE TO ACTUAL %	% THEORY TO ACTUAL %	

MATERIAL COST

	MATERIAL	CURRENT MONTH AMOUNT ACTUAL COST	CURRENT MONTH AMOUNT SCHEDULED COST	CURRENT MONTH AMOUNT OVER-UNDER SCHEDULED COST	YEAR TO DATE AMOUNT ACTUAL COST	YEAR TO DATE AMOUNT SCHEDULED COST	YEAR TO DATE AMOUNT OVER-UNDER SCHEDULED COST	UNIT COST CURRENT MONTH ACTUAL	UNIT COST CURRENT MONTH SCHEDULED	UNIT COST YEAR TO DATE ACTUAL	UNIT COST LAST YEAR ACTUAL
33500	FERRIC CHLORIDE	207	148	59-	2 044	1 547	497-	013	009	013	010
38800	LIME HYDRATE	33	35	2	522	355	167-	002	002	003	002
43101	LIQ NITROGEN	126	180	54	1 325	1 559	234	008	011	008	010
48289	POR ACT BAUXITE		160	160	368	1 705	1 337		010	002	001
81059	CHLORINE	55 454	54 725	729-	500 453	501 443	990	3 373	3 329	3 077	2 578
81097					90-		90			001-	
81097	PYRANOL A*13*838				90		90-			001	
81111	SCRAP AROCLOR										003
81112					19 526	19 526				120	
82601	DIPHENYL	46 838	48 809	1 971	474 971	483 046	8 075	2 849	2 969	2 920	3 241
82610					76-	-	76				
82610	AROCLOR 1221	1 657	1 656	1-	3 115	3 114	1-	101	101	019	010
82611					1 326	1 326				008	
82613	ANNISTON 1254				84		84-			001	
82641						5 186	5 186				
93006		50		50-	193		193-	003		001	
93007		756		756-	869		869-	046		005	
93231					2 701		2 701-			017	
93320	55 GAL BI DRUM	2 542	1 859	683-	39 819	35 882	3 937-	155	113	245	227
94135	5 GAL BI CAN					31-	31-				005
	NET MATERIAL COST										

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DSW 311483

Monsanto COST REPORT

DIVISION Rubber & Process
PLANT W G Krummrich

PRODUCTION
THIS MONTH | YEAR TO DATE
ACTUAL
SCHEDULED
CAPACITY

BRACKET 1 | BRACKET 2 | BRACKET 3 | BRACKET 4 | BRACKET 5 | BRACKET 6 | BRACKET 7 | BRACKET 8 | TOTAL

DEPT. NO. 81100
PRODUCT Azodicarbs
COST UNIT 100 LBS
LAST YEAR ACTUAL PRODUCTION

CONFIDENTIAL
PRODUCT CODE 246 81100
DATE DEC 1972

OPERATING DATA : ACTUAL DAYS
SCHEDULED DAYS

EXPENSES	CURRENT MONTH AMOUNTS			YEAR TO DATE AMOUNTS			UNIT COSTS			
	ACTUAL COST	SCHEDULED COST	OVER-UNDER SCHEDULED COST	ACTUAL COST	SCHEDULED COST	OVER-UNDER SCHEDULED COST	CURRENT MONTH ACTUAL	CURRENT MONTH SCHEDULED	YEAR TO DATE ACTUAL	LAST YEAR ACTUAL
NET MATERIAL COST										

DSW 311484

152-2 (REV 8-70)

STLCOPCB4071470

Monsanto COST REPORT

DIVISION RUBBER & PROCESS
PLANT W G KRUMMRICH

PRODUCTION

	THIS MONTH		YEAR TO DATE
ACTUAL	1,644,090		16,265,575
SCHEDULED	1,644,090		16,265,575
CAPACITY	2,000,000		24,000,000

DEPT. NO. 81100
PRODUCT AROCLORS
COST UNIT 100 LBS
LAST YEAR ACTUAL PRODUCTION 43,451,998

PRODUCT CODE 246 81100
DATE DEC 1972

MATERIAL VOLUMES

	MATERIAL OR EXPENSE	ACTUAL QUANTITY USED	SCHEDULED QUANTITY	RAW MATERIAL ACTUAL PRICE	YEAR TO DATE ACTUAL QUANTITY USED	YEAR TO DATE SCHEDULED QUANTITY	QUANTITY USED PER UNIT PRODUCED CURRENT MONTH ACTUAL	CURRENT MONTH SCHEDULED	YEAR TO DATE ACTUAL	LAST YEAR ACTUAL
533	ELECTRICITY CKWH	654	620	1 38838	7 425	7 310	0398	0380	0456	0352
536	COMP AIR MCF	3 125	2 067	12896	28 541	24 369	1901	1260	1755	7795
539	WATER PURCH MGAL	3 237	4 650	22088	38 533	54 767	1969	2830	2369	1877
545	GAS MBTU	72	411	62500	1 366	4 066	0044	0250	0084	0283
570	WAGES	978	1 614	7 42025	13 331	18 910	0595	0980	0820	0833
610	LABORATORY	1 114	1 644	1 41472	21 676	16 266	0678	1000	1333	1013

YIELD

USE OF	THEORY #	% SCHEDULE TO ACTUAL %	% THEORY TO ACTUAL %		
USE OF	THEORY #	% SCHEDULE TO ACTUAL %	% THEORY TO ACTUAL %		

MATERIAL COST

	MATERIAL	CURRENT MONTH AMOUNT ACTUAL COST	CURRENT MONTH AMOUNT SCHEDULED COST	CURRENT MONTH AMOUNT OVER-UNDER SCHEDULED COST	YEAR TO DATE AMOUNT ACTUAL COST	YEAR TO DATE AMOUNT SCHEDULED COST	YEAR TO DATE AMOUNT OVER-UNDER SCHEDULED COST	UNIT COST CURRENT MONTH ACTUAL	UNIT COST CURRENT MONTH SCHEDULED	UNIT COST YEAR TO DATE ACTUAL	UNIT COST LAST YEAR ACTUAL
82851	MURIATIC ACID	10 551-	10 551-		77 438-	77 438-		642-	642-	476-	394-
82863	HCL GAS MURIATIC										176-
	NET MA	97 112	97 021	91-	969 802	977 220	7 418	5 908	5 902	5 963	5 517

DSW 311485

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STLCOPCB4071471

Monsanto COST REPORT

CONFIDENTIAL

DIVISION ORGANIC CHEM.
PLANT W G KRUMMRICH

PRODUCTION		
THIS MONTH		YEAR TO DATE
3,630,457	ACTUAL	43,451,998
3,630,457	SCHEDULED	43,451,998
5,000,000	CAPACITY	60,000,000

DEPT. NO. 81100 PRODUCT CODE 246 81100
PRODUCT AROCLORS
COST UNIT 100 LBS DATE DEC 1971
LAST YEAR ACTUAL PRODUCTION 49,692,065

OPERATING DATA : ACTUAL DAYS
SCHEDULED DAYS 1.0 30.0 31.0

	EXPENSES	CURRENT MONTH AMOUNTS ACTUAL COST	CURRENT MONTH AMOUNTS SCHEDULED COST	CURRENT MONTH AMOUNTS OVER-UNDER SCHEDULED COST	YEAR TO DATE AMOUNTS ACTUAL COST	YEAR TO DATE AMOUNTS SCHEDULED COST	YEAR TO DATE AMOUNTS OVER-UNDER SCHEDULED COST	UNIT COSTS CURRENT MONTH ACTUAL	UNIT COSTS CURRENT MONTH SCHEDULED	UNIT COSTS YEAR TO DATE ACTUAL	UNIT COSTS LAST YEAR ACTUAL
	NET MATERIAL COST	206 496	217 452	10 956	2 397 510	2 470 029	72 519	5 689	5 992	5 517	5 240
526	MATERIAL HANDLG	2 283	1 089	1 194-	14 781	13 035	1 746-	063	030	034	027
527	CONTAINER HDL EX	1 450	545	905-	15 229	6 518	8 711-	040	015	035	006
	TOT RAW MAT COST	210 229	219 086	8 857	2 427 520	2 489 582	62 062	5 792	6 037	5 586	5 273
530	STEAM M	13 868	15 251	1 383	104 606	148 966	44 360	382	420	241	146
533	ELECTRICITY	1 386	1 429	43	17 025	16 267	758-	038	039	039	029
536	COMP AIR	3 259	1 409	1 850-	25 911	13 194	12 717-	090	039	060	030
539	WATER PURCH	1 006	1 085	79	14 022	13 041	981-	028	030	032	028
545	GAS M	1 957	364	1 593-	7 386	5 282	2 104-	054	010	017	006
570	WAGES	19 377	15 659	3 718-	206 300	184 373	21 927-	534	431	475	364
575	SALARIES	3 634	2 700	934-	20 960	32 391	11 431	100	074	048	055
578	PAYROLL OVERHEAD	6 111	4 568	1 543-	47 627	53 786	6 159	168	126	110	071
590	SUPPLIES	3 988	2 017	1 971-	26 356	24 286	2 070-	110	056	061	038
601	PACKING LABOR		1 742	1 742	19 382	20 512	1 130		048	045	042
603	PACKING O/H	61	258	197	3 880	3 039	841-	002	007	009	002
610	LABORATORY	4 560	2 971	1 589-	45 050	34 827	10 223-	126	082	104	075
613	CL & LAUN SAFETY	266	202	64-	2 812	2 431	381-	007	006	006	007
614	CLOTHING LAUNDRY	96	202	106	2 224	2 431	207	003	006	005	004
621	TECHNICAL SERVIS	4 122	4 473	351	49 207	53 905	4 698	114	123	113	091
635	EXPERIMENTAL	565	100	465-	7 895	1 211	6 684-	016	003	018	
636	SPCL MFG JOB TRF	829		829-	829		829-	023		002	013
640	SALES & USE TAX	30-		30				001-			
641	RENTALS EQUIPT	54	155	101	529	1 825	1 296	001	004	001	017
644	START UP EXPENSE				123 824		123 824-			285	
651	PROD PROCESS RES		1 614	1 514	800	19 004	18 204		044	002	005
657	PLT PROC RESCH		344	344	2 806	4 051	1 245		009	006	
661	WASTE DISPOSAL	26 091		26 091-	217 529		217 529-	719		501	001
667	TOXICOLOGICAL	5 499	1 723	3 776-	42 314	20 285	22 029-	151	047	097	045
687	TANK CAR STOR		207	207	1 404	2 436	1 032		006	003	
693	EARN &PLT IMPROV	8 081	4 500	3 581-	20 526	53 986	33 460	223	124	047	
694	MECH EXPENSE	31 887	11 405	20 482-	134 222	136 825	2 603	878	314	309	301
	TOT DIRECT CONV	136 667	74 378	62 289-	1 145 426	848 354	297 072-	3 766	2 048	2 636	1 370
	TOT DIR MFG COST	346 896	293 464	53 432-	3 572 946	3 337 936	235 010-	9 558	8 085	8 222	6 643
698	DEPRECIATION	18 945	14 518	4 427-	192 371	174 171	18 200-	522	400	443	345
760	F I E	17 498	14 365	3 133-	159 648	172 336	12 688	482	396	368	231
761	OTHER INDIR EXP	785	50	735-	6 670	598	6 072-	021	001	014	003
	TOT INDIRECT CON	37 228	28 933	8 295-	358 689	347 105	11 584-	1 025	797	825	579
12-	PERFORMANCE VOL		12-	12-		15-	15-		003-		
	TOT PRODUCT COST	384 124	322 385	61 739-	3 931 635	3 685 026	246 609-	10 583	8 879	9 047	7 222
997	PRICE & MAT MIX		11 776-	11 776-		12 753-	12 753-		324-		
998	UNSCHEDULED CAP		37 157-	37 157-		372 258-	372 258-		1 023-		
	TOT COST AND VAR	384 124	273 452	110 672-	3 931 635	3 300 015	631 620-	10 583	7 532	9 047	7 222

DSW 311486
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STLCOPCB4071472

Monsanto COST REPORT

CONFIDENTIAL

DIVISION ORGANIC CHEM.
PLANT W G KRUMMRICH

PRODUCTION

	THIS MONTH		YEAR TO DATE
ACTUAL	3,630,457		43,451,998
SCHEDULED	3,630,457		43,451,998
CAPACITY	5,000,000		60,000,000

DEPT. NO. 81100 PRODUCT CODE 246 81100
PRODUCT AROCLORS
COST UNIT 100 LBS DATE DEC 1971
LAST YEAR ACTUAL PRODUCTION 49,692,065

MATERIAL VOLUMES

	MATERIAL OR EXPENSE	ACTUAL QUANTITY USED	SCHEDULED QUANTITY	RAW MATERIAL ACTUAL PRICE	YEAR TO DATE ACTUAL QUANTITY USED	YEAR TO DATE SCHEDULED QUANTITY	QUANTITY USED PER UNIT PRODUCED CURRENT MONTH ACTUAL	CURRENT MONTH SCHEDULED	YEAR TO DATE ACTUAL	LAST YEAR ACTUAL
33500	FERRIC CHLORIDE	1 842	1 271	21444	20 646	15 210	0507	0350	0475	0332
38800	LIME HYDRATE	6 850	5 446	01401	57 830	65 178	1887	1500	1331	0881
43101	LIQ NITROGEN	449 521	290 437	00107	4 126 185	3 476 161	12 3819	8 0000	9 4960	9 1690
48289	POR ACT BAUXITE		4 901	40530	5 450	63 980		1350	0125	0328
81059	CHLORINE	3 235 691	3 342 889	02817	41 597 757	42 067 772	89 1263	92 0790	95 7327	97 0971
81111	SCRAP AROCLOR			04551	25 830	25 787			0594	0736
82601	DIPHENYL	2 003 021	2 108 025	05853	24 135 804	24 862 551	55 1727	58 0650	55 5459	54 9125
82610	AROCLOR 1221	55 880	55 873	08107	55 880	55 873	1 5392	1 5390	1286	
82851	MURIATIC ACID	753 989-	753 973-	01625	10 528 019-	10 527 958-	20 7684-	20 7680-	24 2291-	39 4680-
82863	HCL GAS MURIATIC			01350	3 678 154-	3 678 154-			8 4649-	
93320	55 GAL BI DRUM	507	516	9 20907	11 333	11 003	0140	0140	0261	0217
94002	5 GAL CAN									0002
94135	5 GAL BI CAN	99	113	1 90909	1 130	643	0027	0030	0026	0014
94140	CONTAINER				102				0002	
530	STEAM MMBTU	9 002	9 900	1 54055	82 240	118 450	2480	2730	1893	1680
533	ELECTRICITY CKWH	1 183	1 220	1 17160	15 308	14 580	0326	0340	0352	0307
536	COMP AIR MCF	33 453	14 460	09742	338 709	172 153	9215	3980	7795	4680
539	WATER PURCH MGAL	5 811	6 267	17312	81 563	75 848	1601	1730	1877	1751
545	GAS MMBTU	3 514	653	55692	12 286	7 819	0968	0180	0283	0105
570	WAGES	3 336	2 864	5 80845	36 185	33 723	0919	0790	0833	0688
610	LABORATORY	4 058	2 971	1 12371	44 034	34 827	1118	0820	1013	0795

YIELD

USE OF	THEORY #	% SCHEDULE TO ACTUAL %	% THEORY TO ACTUAL %			
USE OF	THEORY #	% SCHEDULE TO ACTUAL %	% THEORY TO ACTUAL %			

MATERIAL COST

	MATERIAL	CURRENT MONTH AMOUNT ACTUAL COST	CURRENT MONTH AMOUNT SCHEDULED COST	CURRENT MONTH AMOUNT OVER-UNDER SCHEDULED COST	YEAR TO DATE AMOUNT ACTUAL COST	YEAR TO DATE AMOUNT SCHEDULED COST	YEAR TO DATE AMOUNT OVER-UNDER SCHEDULED COST	UNIT COST CURRENT MONTH ACTUAL	UNIT COST CURRENT MONTH SCHEDULED	UNIT COST YEAR TO DATE ACTUAL	UNIT COST LAST YEAR ACTUAL
33500	FERRIC CHLORIDE	395	273	122-	4 241	3 159	1 082-	011	008	010	006
38800	LIME HYDRATE	96	76	20-	820	929	109	003	002	002	001
43101	LIQ NITROGEN	482	311	171-	4 562	3 881	681-	013	009	010	011
48289	POR ACT BAUXITE		1 994	1 994	260	21 787	21 527		055	001	002
81059	CHLORINE	91 149	94 169	3 020	1 119 987	1 132 825	12 838	2 511	2 594	2 578	2 781
81111	SCRAP AROCLOR				1 200	1 199	1-			003	003
82601	DIPHENYL	117 237	123 383	6 146	1 408 122	1 450 111	41 989	3 229	3 399	3 241	2 808
82610	AROCLOR 1221	4 530	4 530		4 530	4 530		125	125	010	
82851	MURIATIC ACID	12 251-	12 252-	1-	171 074-	171 081-	7-	337-	337-	394-	557-
82863	HCL GAS MURIATIC				76 295-	74 366-	1 929			176-	
93320	55 GAL BI DRUM	4 669	4 752	83	98 662	95 711	2 951-	129	131	227	182
94135	5 GAL BI CAN	189	216	27	2 337	1 344	993-	005	006	005	003
94140	CONTAINER				158		158-				
	NET MATERIAL COST	206 496	217 452	10 956	2 397 510	2 470 029	72 519	5 689	5 992	5 517	5 240

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DSW 311487

STLCOPCB4071473

Monsanto COST REPORT

CONFIDENTIAL

DIVISION ORGANIC CHEM.
PLANT W G KRUMMRICH

PRODUCTION

		THIS MONTH	YEAR TO DATE
	ACTUAL	5,928,859	49,692,065
	SCHEDULED	4,959,984	48,793,549
	CAPACITY	4,800,000	57,600,000

DEPT. NO. 81100 PRODUCT CODE 246 81100
PRODUCT AROCLORS
COST UNIT 100 LBS DATE DEC 1970
LAST YEAR ACTUAL PRODUCTION 42,758,158

OPERATING DATA : ACTUAL DAYS — BRACKET 1 | BRACKET 2 | BRACKET 3 | BRACKET 4 | BRACKET 5 | BRACKET 6 | BRACKET 7 | BRACKET 8 | TOTAL
SCHEDULED DAYS 31.0 — 31.0

	EXPENSES	CURRENT MONTH AMOUNTS ACTUAL COST	CURRENT MONTH AMOUNTS SCHEDULED COST	CURRENT MONTH AMOUNTS OVER-UNDER SCHEDULED COST	YEAR TO DATE AMOUNTS ACTUAL COST	YEAR TO DATE AMOUNTS SCHEDULED COST	YEAR TO DATE AMOUNTS OVER-UNDER SCHEDULED COST	UNIT COSTS CURRENT MONTH ACTUAL	UNIT COSTS CURRENT MONTH SCHEDULED	UNIT COSTS YEAR TO DATE ACTUAL	UNIT COSTS LAST YEAR ACTUAL
	NET MATERIAL COST	292 782	296 503	3 721	2 603 528	2 670 527	66 999	4 938	5 002	5 240	5 279
526	MATERIAL HANDLG	773	1 779	1 006	13 410	14 907	1 497	013	030	027	021
527	CONTAINER HDL EX	458	889	431	3 159	7 452	4 293	008	015	006	
	TOT RAW MAT COST	294 013	299 171	5 158	2 620 097	2 692 886	72 789	4 959	5 047	5 273	5 300
530	STEAM M	6 958	10 195	3 237	72 526	98 702	26 176	117	172	146	216
533	ELECTRICITY	1 599	1 103	496-	14 394	13 392	1 002-	027	019	029	029
536	COMP AIR	1 718	1 097	621-	15 121	13 120	2 001-	029	019	030	030
539	WATER PURCH	2 271	2 153	118-	14 152	11 936	2 216-	038	036	028	024
545	GAS M	307	763	456	2 885	4 965	2 080	005	013	006	004
570	WAGES	15 400	15 008	392-	181 114	176 708	4 406-	260	253	364	372
575	SALARIES	2 617	2 717	100	27 567	32 244	4 677	044	046	055	070
578	PAYROLL OVERHEAD	2 063	3 447	1 384	35 123	40 587	5 464	035	058	071	074
590	SUPPLIES	1 375	2 067	692	18 676	24 336	5 660	023	035	038	050
601	PACKING LABOR	1 728	1 731	3	20 948	20 380	568-	029	029	042	044
603	PACKING O/H	107	207	100	934	2 436	1 502	002	003	002	023
610	LABORATORY	6 376	7 411	1 035	37 315	62 115	24 800	108	125	075	076
613	CL & LAUN SAFETY	1 252	207	1 045-	3 617	2 436	1 181-	021	003	007	007
614	CLOTHING LAUNDRY	102	207	105	1 822	2 436	614	002	003	004	006
621	TECHNICAL SERVIS	5 839	2 521	3 318-	45 302	29 684	15 618-	098	043	091	037
635	EXPERIMENTAL		103	103		1 214	1 214		002		
636	SPCL MFG JOB TRF	1 725		1 725-	6 459		6 459-	029		013	
641	RENTALS EQUIPT	950	155	795-	8 477	1 825	6 652-	016	003	017	002
651	PROD PROCESS RES	581	2 017	1 436	2 640	23 749	21 109	010	034	005	047
661	WASTE DISPOSAL	474		474-	615		615-	008		001	
667	TOXICOLOGICAL	6 514		6 514-	22 479		22 479-	110		045	
687	TANK CAR STOR		207	207	124	2 436	2 312		003		005
694	MECH EXPENSE	9 471	13 925	4 454	149 485	165 284	15 799	160	235	301	305
	TOT DIRECT CONV	69 427	67 241	2 186-	681 775	729 985	48 210	1 171	1 134	1 370	1 417
	TOT DIR MFG COST	363 440	366 412	2 972	3 301 872	3 422 871	120 999	6 130	6 181	6 643	6 717
698	DEPRECIATION	14 442	14 302	140-	171 429	169 756	1 673-	244	241	345	403
760	F I E	13 235	9 928	3 307-	114 295	117 840	3 545	224	167	231	296
761	OTHER INDIR EXP	177		177-	1 658		1 658-	003		003	005
	TOT INDIRECT CON	27 854	24 230	3 624-	287 382	287 596	214	471	408	579	704
1142	PERFORMANCE VOL		16 585	16 585		14 800	14 800		281		
	TOT PRODUCT COST	391 294	407 227	15 933	3 589 254	3 725 267	136 013	6 601	6 870	7 222	7 421
997	PRICE & MAT MIX		10 016	10 016		42 446-	42 446-		168		
998	UNSCHEDULED CAP		6 734	6 734		119 434-	119 434-		113		
	TOT COST AND VAR	391 294	423 977	32 683	3 589 254	3 563 387	25 867-	6 601	7 151	7 222	7 421

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DSW 311488

STLCOPCB4071474

Monsanto COST REPORT

CONFIDENTIAL

DIVISION ORGANIC CHEM.
PLANT W G KRUMMRICH

PRODUCTION

	THIS MONTH		YEAR TO DATE
ACTUAL	5,928,859		49,692,065
SCHEDULED	4,959,984		48,793,549
CAPACITY	4,800,000		57,600,000

DEPT. NO. 81100
PRODUCT ARDCLORS
COST UNIT 100 LBS
LAST YEAR ACTUAL PRODUCTION 42,758,158

PRODUCT CODE 246 81100
DATE DEC 1970

MATERIAL COLUMN

	MATERIAL OR EXPENSE	ACTUAL QUANTITY USED	SCHEDULED QUANTITY	RAW MATERIAL ACTUAL PRICE	YEAR TO DATE ACTUAL QUANTITY USED	YEAR TO DATE SCHEDULED QUANTITY	QUANTITY USED PER UNIT PRODUCED CURRENT MONTH ACTUAL	CURRENT MONTH SCHEDULED	YEAR TO DATE ACTUAL	LAST YEAR ACTUAL
19400	CLAY ATTA POLGUS									0008-
33500	FERRIC CHLORIDE	2 012	2 372	16203	16 500	19 876	0339	0400	0332	0313
38800	LIME HYDRATE	6 300	8 893	01365	43 763	74 538	1063	1500	0881	0867
43101	LIQ NITROGEN	719 246	592 886	00124	4 556 283	4 969 205	12 1313	10 0000	9 1690	10 8113
48289	POR ACT BAUXITE		8 893	03838	16 300	74 538		1500	0328	1017
81059	CHLORINE	5 675 429	5 681 922	02845	48 249 579	49 265 415	95 7255	95 8350	97 0972	99 7900
81111					36 560				0736	
82601	DIPHENYL	3 383 830	3 430 319	04970	27 287 162	27 983 356	57 0739	57 8580	54 9125	54 5831
82851	MURIATIC ACID	2 735 001-	2 735 001-	01709	19 612 482-	19 612 482-	46 1303-	46 1300-	39 4680-	45 7990-
82868	MONTARS N/V									0251-
92320	200 SC FIB DRM									0002
93320	55 GAL BI DRUM	933	1 091	8 56270	10 762	10 859	0157	0180	0217	0263
93330	475LB DRUM									0001
93350	55 GAL 16GA SP D									0001
94002	5 GAL CAN	60		1 48333	120		0010		0002	
94135	5 GAL BI CAN	188	71	2 58511	675	483	0032	0010	0014	0027
530	STEAM MMBTU	6 623	9 704	1 05058	83 462	114 257	1117	1640	1680	2638
533	ELECTRICITY CKWH	1 748	1 206	91476	15 273	14 199	0295	0200	0307	0312
536	COMP AIR MCF	36 769	23 488	04672	232 579	196 863	6202	3960	4680	3575
539	WATER PURCH MGAL	6 549	6 208	34677	87 009	73 095	1105	1050	1751	1719
545	GAS MMBTU	435	1 081	70575	5 215	9 059	0073	0180	0105	0115
570	WAGES	2 933	2 888	5 25060	34 180	34 005	0495	0490	0688	0747
610	LABORATORY	4 743	8 929	1 34430	39 511	74 841	0800	1510	0795	0892

YIELD

USE OF	THEORY #	% SCHEDULE TO ACTUAL %	% THEORY TO ACTUAL %			
USE OF	THEORY #	% SCHEDULE TO ACTUAL %	% THEORY TO ACTUAL %			

MATERIAL COST

	MATERIAL	CURRENT MONTH AMOUNT ACTUAL COST	CURRENT MONTH AMOUNT SCHEDULED COST	CURRENT MONTH AMOUNT OVER-UNDER SCHEDULED COST	YEAR TO DATE AMOUNT ACTUAL COST	YEAR TO DATE AMOUNT SCHEDULED COST	YEAR TO DATE AMOUNT OVER-UNDER SCHEDULED COST	UNIT COST CURRENT MONTH ACTUAL	UNIT COST CURRENT MONTH SCHEDULED	UNIT COST YEAR TO DATE ACTUAL	UNIT COST LAST YEAR ACTUAL
33500	FERRIC CHLORIDE	326	384	58	2 863	3 431	568	005	006	006	006
38800	LIME HYDRATE	86	121	35	591	1 010	419	001	002	001	001
43101	LIQ NITROGEN	892	735	157-	5 327	5 750	423	015	012	011	013
48289	POR ACT BAUXITE		341	341	794	3 113	2 319		006	002	005
81059	CHLORINE	161 466	161 651	185	1 381 809	1 410 763	28 954	2 723	2 727	2 781	2 674
81111					1 662		1 662-			003	
82601	DIPHENYL	168 190	170 487	2 297	1 395 434	1 431 139	35 705	2 837	2 876	2 808	2 952
82851	MURIATIC ACID	46 742-	46 742-		276 914-	276 914-		788-	788-	557-	575-
93320	55 GAL BI DRUM	7 989	9 342	1 353	90 501	91 397	896	135	158	182	197
93330	475LB DRUM										001
93350	55 GAL 16GA SP D										001
94002	5 GAL CAN	89		89-	192		192-	002			
94135	5 GAL BI CAN	486	184	302-	1 269	838	431-	008	003	003	004
	NET MATERIAL COST	292 782	296 503	3 721	2 603 528	2 670 527	66 999	4 938	5 002	5 240	5 279

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