Monsanto COST REPORT

CONFIDENTIAL

DIVISION PROC CHEMICAL
PLANT W G KRUMMRICH

PRODUCTION	THIS MONTH	YEAR TO DATE
ACTUAL		2,797,946
SCHEDULED		2,797,946
CAPACITY	3,835,000	46,020,000

DEPT. NO. PECIAL PRODUCT CODE 759 81090
PRODUCT PYRANOL CONV
COST UNIT 100 LBS DATE DEC 1977
LAST YEAR ACTUAL PRODUCTION 8,738,655

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	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										
526	MATERIAL HANDLG				646	997	351			023	021
527	CONTAINER HNDLG				2 369	3 106	737			085	045
	TOT RAW MAT COST				3 015	4 103	1 088			108	066
530	STEAM MMBTU				9 212	11 241	2 029			329	242
533	ELECT CKWH				1 969	1 811	158-			070	043
570	WAGES-PRODUCTN				17 745	10 590	845			634	290
572	WAGES-MECHANICL				2 081	2 151	70			074	040
575	SALARIES				20 334	23 198	2 864			727	410
578	PAYROLL OH				11 599	12 516	917			415	196
590	SUPPLIES				236	1 250	1 014			008	010
601	WAGES-PACKING				7 316	10 276	2 960			261	093
603	PACKING OH					377	377				
610	LABORATORY				9 959	5 652	4 307-			356	145
613	CLOTH/LAUN-SAFE				8	519	511				
614	CLOTHING LAUNDR				784	524	260-			028	011
621	TECH SVC DEPT										003
659	SUP-DPT-REPRMEN					1 526	1 526				
687	TANK CAR STORAG					347	347				028
693	ME-EARN/PLT IMP										002
694	M-E-TRUE REPAIR				2 911	10 941	8 030			104	097
	TOT DIRECT CONV				84 154	100 919	16 765			3 006	1 610
	TOT DIR MFG COST				87 169	105 022	17 853			3 114	1 676
698	DEPRECIATION				5 523	5 523				197	114
760	FIE-INS & TAXES				16 237	16 835	598			580	353
761	FIE-OTHER				577	413	164-			021	004
	TOT INDIRECT CON				22 337	22 771	434			798	471
996	VAR-PERF VOLUME					11-	11-				
	TOT PRODUCT COST				109 506	127 782	18 276			3 912	2 147
997	VAR-PRICE-MTL-					1 257-	1 257-				
998	VAR-UNSCH CAP					10 572-	10 572-				
	TOT COST AND VAR				109 506	115 953	6 447			3 912	2 147

DSW 311406

132-2 (REV. 8-70)

STLCOPCB4071392

Monsanto COST REPORT

CONFIDENTIAL

DIVISION PROC CHEMICAL
PLANT W G KRUMMRICH

PRODUCTION	THIS MONTH	YEAR TO DATE
ACTUAL		2,797,946
SCHEDULED		2,797,946
CAPACITY	3,835,000	46,020,000

DEPT. NO. PECIAL
PRODUCT CODE 759 81090
PRODUCT PYRANOL CONV
COST UNIT 100 LBS
DATE DEC 1977
LAST YEAR ACTUAL PRODUCTION 8,738,655

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
530	STEAM MMBTU			3 25000	2 459	3 043			0879	0751
533	ELECT CKWH			2 14000	972	890			0347	0214
570	WAGES-PRODUCTN				2 048	2 132			0732	0376
610	LABORATORY				6 210	2 975			2219	0873

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 31407

152-1 (REV. 4-73)

STLCOPCB4071393

W. Engman

Monsanto COST REPORT

CONFIDENTIAL

DIVISION PROC CHEMICAL
PLANT W G KRUMMRICH

PRODUCTION	THIS MONTH		YEAR TO DATE
ACTUAL	370,940		8,738,655
SCHEDULED	370,940		8,738,655
CAPACITY	3,835,000		46,020,000

DEPT. NO. 81090 PRODUCT CODE 759 81090
PRODUCT PYRANOL 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	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	343	48	295-	1 838	1 123	715-	092	013	021	
527	CONTAINER HNDLG	547	96	451-	3 958	2 255	1 703-	147	026	045	
	TOT RAW MAT COST	890	144	746-	5 796	3 378	2 418-	239	039	066	
530	STEAM MMBTU	1 682	2 244	562	21 159	22 451	1 292	453	605	242	
533	ELECT CKWH	402	397	5-	3 785	3 828	43	108	107	043	
570	WAGES-PRODUCTN	2 336	2 410	74	25 322	27 519	2 197	630	650	290	
572	WAGES-MECHANICL	190	298	108	3 502	3 402	100-	051	080	040	
575	SALARIES	3 350	2 840	510-	35 824	31 740	4 084-	903	766	410	
578	PAYROLL OH	1 408	1 605	197	17 120	17 571	451	380	433	196	
590	SUPPLIES		103	103	908	1 176	268		028	010	
601	WAGES-PACKING	554	1 332	778	8 111	15 209	7 098	149	359	093	
603	PACKING OH		77	77		884	884		021		
610	LABORATORY		530	530	12 678	12 445	233-		143	145	
613	CLOTH/LAUN-SAFE		68	68	17	778	761		018		
614	CLOTHING LAUNDR	109	58	51-	950	660	290-	029	016	011	
621	TECH SVC DEPT	216		216-	226		226-	058		003	
659	SUP-DPT-REPRMEN		207	207		2 363	2 363		056		
687	TANK CAR STORAG		52	52	2 472	592	1 880-		014	028	
693	ME-EARN/PLT IMP	141		141-	204		204-	038		002	
694	M-E-TRUE REPAIR	943	2 292	1 349	8 502	27 504	19 002	254	618	097	
	TOT DIRECT CONV	11 331	14 513	3 182	140 780	168 122	27 342	3 053	3 914	1 610	
	TOT DIR MFG COST	12 221	14 657	2 436	146 576	171 500	24 924	3 292	3 953	1 676	
698	DEPRECIATION	789	832	43	9 933	10 064	131	213	224	114	
760	FIE-INS & TAXES	3 203	2 540	663-	30 844	30 480	364-	864	685	353	
761	FIE-OTHER	318	54	264-	365	648	283	086	015	004	
	TOT INDIRECT CON	4 310	3 426	884-	41 142	41 192	50	1 163	924	471	
3-	VAR-PERF VOLUME		3-	3-		253-	253-		004-		
	TOT PRODUCT COST	16 531	18 080	1 549	187 718	212 439	24 721	4 455	4 873	2 147	
997	VAR-PRICE-MTL-		342-	342-		751	751		092-		
998	VAR-UNSCH CAP		7-	7-	3 033-		3 033-		001-		
	TOT COST AND VAR	16 531	17 731	1 200	187 718	210 157	22 439	4 455	4 780	2 147	

152-2 (REV. 8-70)

DSW 311408

STLCOPCB4071394

Monsanto COST REPORT

CONFIDENTIAL

DIVISION PROC CHEMICAL
PLANT W G KRUMMRICH

PRODUCTION

	THIS MONTH	YEAR TO DATE
ACTUAL	370,940	8,738,655
SCHEDULED	370,940	8,738,655
CAPACITY	3,835,000	46,020,000

DEPT. NO. 81090 PRODUCT CODE 759 81090
PRODUCT PYRANOL CONV
COST UNIT 100 LBS DATE DEC 1976
LAST YEAR ACTUAL PRODUCTION

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
530	STEAM MMBTU	452	603	3 72124	6 560	6 928	1219	1630	0751	
533	ELECT CKWH	167	165	2 40719	1 871	1 896	0450	0440	0214	
570	WAGES-PRODUCTN	288	301	8 11111	3 288	3 437	0776	0810	0376	
610	LABORATORY		379		7 626	8 890		1020	0873	

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

SPEEDIFORM MOORE BUSINESS FORMS INC
DSW 311409
152-1 (REV 4-73)
STLCOPCB4071395

Monsanto **COST REPORT** — **CONFIDENTIAL**

DIVISION [illegible] & PROD CHM
PLANT [illegible]

PRODUCTION

THIS MONTH		YEAR TO DATE
[illegible]	ACTUAL	[illegible],913,183
[illegible]	SCHEDULED	[illegible],477,049
[illegible]	[illegible]	[illegible],322,000

DEPT NO. 81090 PRODUCT PYRANOLS COST UNIT 100LBS LAST YEAR ACTUAL PRODUCTION

PRODUCT CODE 259 81090 DATE DEC 1975 15,697,788

OPERATING DATA ACTUAL DAYS [illegible] SCHEDULED DAYS [illegible] BRACKET [illegible] BRACKET 5 BRACKET 6 BRACKET 7 BRACKET 8 TOTAL 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	SCHEDULED	YEAR TO DATE ACTUAL	LAST YEAR ACTUAL
	NET MATERIAL COST	[illegible]	216 429	2 [illegible]	[illegible]	3 735 [illegible]	45 643	22 881	23 104	23 502	18 741
526	MATERIAL HANDLG	31	187	156	[illegible]	[illegible]	977	003	020	014	014
527	CONTAINER HDL EX	340	234	106-	[illegible]	3 979	1 142-	036	025	032	023
	TOT RAW MAT COST	214 730	215 850	2 120	3 747 028	3 792 506	45 478	22 920	23 149	23 548	18 778
530	STEAM	1 471	1 653	182	15 593	16 475	882	157	176	098	058
533	ELECTRICITY	252	261	9	3 070	2 945	125-	027	028	019	012
570	WAGES	1 234	2 249	1 015	15 173	25 883	10 710	132	240	095	085
575	SALARIES	2 758	2 385	373-	29 239	28 620	619-	294	255	184	127
578	PAYROLL OVERHEAD	995	1 186	191	11 428	13 692	2 264	106	137	072	057
590	SUPPLIES		102	102	141	1 173	1 032		011	001	001
601	PACKING LABOR	723	992	269	8 608	11 596	2 988	077	106	054	062
603	PACKING O/H	904	56	848-	1 236	646	590-	096	006	008	010
610	LABORATORY	1 826	1 656	170-	27 472	19 873	7 599-	195	177	173	113
613	CL & LAUN SAFETY		54	54		652	652		006		
614	CLOTHING LAUNDRY	65	34	31-	538	379	159-	007	004	003	006
621	TECHNICAL SERVIS	3		3-	22		22-				
693	EARN &PLT IMPROV	58	250	192	4 345	3 000	1 345-	006	027	027	011
694	MECH EXPENSE	4 264	2 765	1 499-	19 626	33 180	13 554	455	295	123	055
	TOT DIRECT COMV	14 553	13 643	910-	136 491	158 114	21 623	1 552	1 458	857	597
	TOT DIR MFG COST	229 283	230 493	1 210	3 883 519	3 950 620	67 101	24 472	24 607	24 405	19 375
698	DEPRECIATION	882	992		10 584	10 584		094	094	067	067
760	[illegible]	[illegible]	2 676	[illegible]	33 [illegible]	32 112	970-	321	286	208	192
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	42 [illegible]	970-	415	380	275	259
	[illegible]		[illegible]			26 [illegible]	26 353		002-		
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] 921 669	94 484	24 887	24 985	24 680	19 634
[illegible]	[illegible]		[illegible]	[illegible]		15 [illegible]66-	[illegible] 366-		502		
[illegible]	[illegible]		321-	[illegible]		[illegible] 142-	[illegible] 142-		696-		
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	96[illegible] [illegible]	[illegible] 476	24 887	24 791	24 680	19 634

60

DSW 311410

STLCOPCB4071396

Monsanto COST REPORT

CONFIDENTIAL

DIVISION SPEC & PROC CHM
PLANT W G KRUMMRICH

PRODUCTION	THIS MONTH	YEAR TO DATE
ACTUAL	936,788	15,913,183
SCHEDULED	936,788	13,477,049
CAPACITY	1,693,500	20,322,000

DEPT. NO. 81090
PRODUCT PYRANOLS
COST UNIT 100LBS
PRODUCT CODE 259 81090
DATE DEC 1975
LAST YEAR ACTUAL PRODUCTION 15,697,788

	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 ATTAPULGUS	37	141	05405	1 174	2 388	0039	0150	0074	0050
36100	GLYCID PHEN ETHR	1 537	1 836	2 18282	26 847	29 665	1641	1960	1687	1657
48289	POROCEL		375	06450		6 366		0400		0207
58500	TET TRICHLORBENZ									
60200	TRICHLOROBENZENE	152 656	155 469	33334	2 897 127	2 940 218	16 2957	16 5960	18 2058	18 6841
61325	UNOX EPOXIDE 221	139	571	89928	2 458	3 060	0148	0610	0154	0195
80752				74740	6 972	7 225			0438	0096
81101	AROCLOR 1242	466 545	466 667	19497	6 879 728	7 022 079	49 8026	49 8160	43 2329	43 5637
81103	AROCLOR 1254	325 991	325 993	18953	6 200 665	6 200 317	34 7988	34 7990	38 9656	38 8439
81104	AROCLOR 1016			19497	71 749	71 728			4509	0778
81106	AROCLHOR				8 320				0523	
93320	55 GAL BI DRUM	375	376	18 64533	5 096	4 935	0400	0400	0320	0353
94135					10				0001	
94146	5 GAL PAIL	98	105	2 57143	682	692	0105	0110	0043	0083
530	STEAM MMBTU	516	580	2 85078	6 623	6 902	0551	0620	0416	0346
533	ELECTRICITY CKWH	139	144	1 81295	1 790	1 719	0148	0150	0112	0082
570	WAGES	157	307	7 85987	2 066	3 537	0168	0330	0130	0133
610	LABORATORY	1 145	1 380	1 59476	18 319	16 563	1222	1470	1151	0939

MATERIAL

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

	MATERIAL	CURRENT MONTH AMOUNT ACTUAL COST	SCHEDULED COST	OVER-UNDER SCHEDULED COST	YEAR TO DATE AMOUNT ACTUAL COST	SCHEDULED COST	OVER-UNDER SCHEDULED COST	UNIT COST CURRENT MONTH ACTUAL	SCHEDULED	YEAR TO DATE ACTUAL	LAST YEAR ACTUAL
19400	CLAY ATTAPULGUS	2	8	6	75	164	89		001		
36100	GLYCID PHEN ETHR	3 355	4 008	653	57 261	63 210	5 949	358	428	360	339
48289	POROCEL		24	24		411	411		003		
58500	TET TRICHLORBENZ										003
60200	TRICHLOROBENZENE	50 886	51 824	938	1 035 573	1 051 118	15 545	5 432	5 532	6 508	4 620
61325	UNOX EPOXIDE 221	125	513	388	2 201	2 743	542	013	055	014	017
80752					6 134	6 357	223			039	008
81101	AROCLOR 1242	90 962	90 986	24	1 351 310	1 379 064	27 754	9 710	9 713	8 492	7 344
81103	AROCLOR 1254	61 785	61 785		1 175 010	1 174 943	67-	6 595	6 595	7 384	5 828
81104	AROCLOR 1016				13 162	13 158	4-			083	011
81106	AROCLHOR				1 809		1 809-			011	
93320	55 GAL BI DRUM	6 992	7 011	19	95 271	92 287	2 984-	746	748	599	553
94135					26		26-				
94146	5 GAL PAIL	252	270	18	1 871	1 891	20	027	029	012	018
	NET MATERIAL COST	214 359	216 429	2 070	3 739 703	3 785 346	45 643	22 881	23 104	23 502	18 741

DSW 311411

1921 (REV 4-73)

STLCOPCB4071397

Monsanto COST REPORT

CONFIDENTIAL

DIVISION RUBBER & PROCESS
PLANT W G KRUMMRICH

PRODUCTION	THIS MONTH	YEAR TO DATE
ACTUAL	2,071,158	15,697,788
SCHEDULED	1,127,000	13,925,539
CAPACITY	1,693,500	20,322,000

DEPT. NO. 81090 PRODUCT CODE 259 81090
PRODUCT PYRANOL S
COST UNIT 100LBS DATE DEC 1974
LAST YEAR ACTUAL PRODUCTION 13,421,530

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	488 404	490 661	2 257	2 942 195	2 950 020	7 825	23 580	23 690	18 741	11 893
526	MATERIAL HANDLG	204	621	417	2 231	4 709	2 478	010	030	014	021
527	CONTAINER HDL EX	383	621	238	3 609	4 709	1 100	018	030	023	030
	TOT RAW MAT COST	488 991	491 903	2 912	2 948 035	2 959 438	11 403	23 608	23 750	18 778	11 944
530	STEAM M	965	1 153	188	9 048	11 575	2 527	047	056	058	063
533	ELECTRICITY	202	274	72	1 892	2 539	647	010	013	012	019
570	WAGES	1 179	2 127	948	13 372	25 653	12 281	057	103	085	114
575	SALARIES	1 860	1 554	306-	19 870	18 648	1 222-	090	075	127	172
578	PAYROLL OVERHEAD	1 071	910	161-	8 965	11 008	2 043	052	044	057	066
590	SUPPLIES		88	88		91	1 060	969		004	001	008
601	PACKING LABOR	1 049	877	172-	9 803	10 766	963	051	042	062	068
603	PACKING O/H		48	48	1 620	587	1 033-		002	010	002
610	LABORATORY	1 518	1 473	45-	17 696	18 631	935	073	071	113	138
613	CL & LAUN SAFETY		45	45		573	573		002		
614	CLOTHING LAUNDRY	99	38	61-	919	453	466-	005	002	006	010
618	PROD DEPT CONTNR				42-		42				
621	TECHNICAL SERVIS	4		4-	46		46-				
630	UNMATCHED MECH J										005
693	EARN &PLT IMPROV		250	250	1 770	3 000	1 230		012	011	017
694	MECH EXPENSE	320-	910	1 230	8 645	10 920	2 275	015-	044	055	039
	TOT DIRECT CONV	7 627	9 747	2 120	93 695	115 413	21 718	370	470	597	721
	TOT DIR MFG COST	496 618	501 650	5 032	3 041 730	3 074 851	33 121	23 978	24 220	19 375	12 665
698	DEPRECIATION	882	882		10 585	10 584	1-	043	043	067	079
760	FIE-INS-TAXES	3 512	2 414	1 098-	30 265	28 968	1 297-	169	117	192	208
761	OTHER INDIR EXP	50		50-	65		65-	002			017
	TOT INDIRECT CON	4 444	3 296	1 148-	40 915	39 552	1 363-	214	160	259	304
28	PERFORMANCE VOL		8 704	8 704		16 288	16 288		419		
	TOT PRODUCT COST	501 062	513 650	12 588	3 082 645	3 130 691	48 046	24 192	24 799	19 634	12 969
997	PRICE & MAT MIX		7 748-	7 748-		10 966	10 966		374-		
998	UNSCHEDULED CAP		2 211-	2 211-		24 666-	24 666-		106-		
	TOT COST AND VAR	501 062	503 691	2 629	3 082 645	3 116 991	34 346	24 192	24 319	19 634	12 969

DSW 311412

152-2 (REV. 8-70)

STLCOPCB4071398

Monsanto COST REPORT

CONFIDENTIAL

DIVISION RUBBER & PROCESS
PLANT W G KRUMMRICH

PRODUCTION

	THIS MONTH		YEAR TO DATE
ACTUAL	2,071,158		15,697,788
SCHEDULED	1,127,000		13,925,539
CAPACITY	1,693,500		20,322,000

DEPT. NO 81090
PRODUCT PYRANOLS
COST UNIT 100LBS
PRODUCT CODE 259 81090
DATE DEC 1974
LAST YEAR ACTUAL PRODUCTION 13,421,530

	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: THIS MONTH ACTUAL	THIS MONTH SCHEDULED	YEAR TO DATE ACTUAL	LAST YEAR ACTUAL
19400	CLAY ATTAPULGUS	88	311	05682	788	2 356	0042	0150	0050	0088
36100	GLYCID PHEN ETHR	3 273	3 790	2 12496	26 011	29 418	1580	1830	1657	1646
48289	POROCEL		828	06300		6 280		0400		
58500	TET TRICHLORBENZ				3 255				0207	6 0458
60200	TRICHLOROBENZENE	379 361	380 617	36811	2 932 989	2 939 876	18 3164	18 3770	18 6841	13 8970
61325	UNOX EPOXIDE 221	473	518	89429	3 058	3 448	0228	0250	0195	0167
80752				88100	1 500	2 560			0096	
81101	AROCLOR 1242	950 019	950 019	19611	6 838 544	6 830 790	45 8690	45 8690	43 5637	44 4921
81103	AROCLOR 1254	765 915	765 914	18800	6 097 642	6 096 823	36 9800	36 9800	38 8440	36 5003
81104	AROCLOR 1016			18749	12 207	12 203			0778	
81106										0387
81487	THERMINOL RETURNS									0134
82612										0113
82689	INERTEEN 5420IAB									2503
83001										1520
93231	30 GAL BI DRUM			12 68630						0007
93246	55 GAL DRUM									0018
93320	55 GAL BI DRUM	633	667	17 44392	5 540	5 543	0306	0320	0353	0461
94135	5 GAL BI CAN		14	2 14200		1 284		0010		0021
94140	CONTAINER									0006
94146	5 GAL PAIL	15		2 26667	1 303		0007		0083	0066
530	STEAM MMBTU	462	552	2 08874	5 424	6 924	0223	0270	0346	0464
533	ELECTRICITY CKWH	101	137	2 00000	1 287	1 726	0049	0070	0082	0131
570	WAGES	161	327	7 32298	2 094	3 942	0078	0160	0133	0185
610	LABORATORY	975	1 315	1 55692	14 741	16 631	0471	0630	0939	1237

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	SCHEDULED COST	OVER-UNDER SCHEDULED COST	YEAR TO DATE AMOUNT: ACTUAL COST	SCHEDULED COST	OVER UNDER SCHEDULED COST	UNIT COST: THIS MONTH ACTUAL	THIS MONTH SCHEDULED	YEAR TO DATE ACTUAL	LAST YEAR ACTUAL
19400	CLAY ATTAPULGUS	5	18	13	48	153	105		001		001
36100	GLYCID PHEN ETHR	6 955	8 054	1 099	53 244	60 033	6 789	336	389	339	235
48289	POROCEL		52	52		396	396		003		
58500	TET TRICHLORBENZ				526		526-			003	813
60200	TRICHLOROBENZENE	139 645	140 109	464	725 237	726 491	1 254	6 742	6 765	4 620	1 864
61325	UNOX EPOXIDE 221	423	463	40	2 737	3 098	361	020	022	017	015
80752					1 322	2 255	933			008	
81101	AROCLOR 1242	186 308	186 308		1 152 862	1 151 675	1 187-	8 995	8 995	7 344	4 601
81103	AROCLOR 1254	143 992	143 992		914 903	914 774	129-	6 952	6 952	5 828	3 767
81104	AROCLOR 1016				1 777	1 776	1-			011	
81106											004
82612											001
82689	INERTEEN 5420IAB										013-
83001											019
93231	30 GAL BI DRUM										006
93246	55 GAL DRUM										022
93320	55 GAL BI DRUM	11 042	11 635	593	86 751	86 619	132-	533	562	553	538
94135	5 GAL BI CAN		30	30		2 750	2 750		001		004
94140	CONTAINER										002
94146	5 GAL PAIL	34		34-	2 788		2 788-	002		018	014
	NET MATERIAL COST	488 404	490 661	2 257	2 942 195	2 950 020	7 825	23 580	23 690	18 741	11 893

1571 (REV 473)

DSW 311413

STLCOPCB4071399

Monsanto · COST REPORT

CONFIDENTIAL

DIVISION RUBBER & PROCESS
PLANT W G KRUMMRICH

PRODUCTION	THIS MONTH	YEAR TO DATE
ACTUAL	499,981	13,421,530
SCHEDULED	499,981	13,421,530
CAPACITY	1,693,500	20,322,000

DEPT. NO. 81090 PRODUCT CODE 259 81090
PRODUCT PYRANOLS
COST UNIT 100LBS DATE DEC 1973
LAST YEAR ACTUAL PRODUCTION 14,901,505

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	57 735	57 778	43	1 596 044	1 605 836	9 792	11 547	11 557	11 893	10 293
526	MATERIAL HANDLG	105	200	95	2 876	5 368	2 492	021	040	021	035
527	CONTAINER HDL EX	235	150	85-	3 990	4 027	37	047	030	030	024
	TOT RAW MAT COST	58 075	58 128	53	1 602 910	1 615 231	12 321	11 615	11 627	11 944	10 352
530	STEAM M	732	784	52	8 469	9 567	1 098	146	157	063	082
533	ELECTRICITY	169	203	34	2 567	2 563	4-	034	041	019	013
570	WAGES	1 220	2 012	792	15 266	25 685	10 419	244	402	114	202
575	SALARIES	1 816	1 772	44-	23 120	21 264	1 856-	363	354	172	135
578	PAYROLL OVERHEAD	551	661	110	8 920	8 418	502-	110	132	066	080
590	SUPPLIES		93	93	1 062	1 183	121		019	008	002
601	PACKING LABOR	229	576	347	9 093	7 325	1 768-	046	115	068	075
603	PACKING O/H	239	46	193-	239	588	349	048	009	002	
610	LABORATORY	1 268	1 828	560	18 499	24 731	6 232	254	366	138	136
614	CLOTHING LAUNDRY	120	162	42	1 331	2 056	725	024	032	010	011
621	TECHNICAL SERVIS	4	377	373	4	4 524	4 520	001	075		016
630	UNMATCHED MECH J				630		630-			005	002
636	SPCL MFG JOB TRF										001
693	EARN &PLT IMPROV		1 000	1 000	2 231	12 000	9 769		200	017	058
694	MECH EXPENSE	479	1 368	889	5 239	16 416	11 177	096	274	039	030
	TOT DIRECT CONV	6 827	10 882	4 055	96 670	136 320	39 650	1 366	2 176	721	843
	TOT DIR MFG COST	64 902	69 010	4 108	1 699 580	1 751 551	51 971	12 981	13 803	12 665	11 195
698	DEPRECIATION	883	1 352	469	10 596	16 224	5 628	177	270	079	060
760	FIE-INS-TAXES	1 694	2 605	911	27 904	31 260	3 356	339	521	208	210
761	OTHER INDIR EXP	116		116-	2 280		2 280-	023		017	005
	TOT INDIRECT CON	2 693	3 957	1 264	40 780	47 484	6 704	539	791	304	275
3-	PERFORMANCE VOL		3-	3-		28-	28-		002-		
	TOT PRODUCT COST	67 595	72 964	5 369	1 740 360	1 799 007	58 647	13 520	14 592	12 969	11 470
997	PRICE & MAT MIX		467-	467-		32 608-	32 608-		093-		
998	UNSCHEDULED CAP		11 277-	11 277-		11 399-	11 399-		2 255-		
	TOT COST AND VAR	67 595	61 220	6 375-	1 740 360	1 755 000	14 640	13 520	12 244	12 969	11 470

DSW 311414

152-2 (REV. 8-70)

STLCOPCB4071400

Monsanto COST REPORT

CONFIDENTIAL

DIVISION RUBBER & PROCESS
PLANT W G KRUMMRICH

PRODUCTION

	THIS MONTH		YEAR TO DATE
ACTUAL	499,981		13,421,530
SCHEDULED	499,981		13,421,530
CAPACITY	1,693,500		20,322,000

DEPT. NO. 81090 PRODUCT CODE 259 81090
PRODUCT PYRANOLS
COST UNIT 100LBS DATE DEC 1973
LAST YEAR ACTUAL PRODUCTION 14,901,505

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
19400	CLAY ATTAPULGUS	113	75	06195	1 180	2 014	0226	0150	0088	0125
36100	GLYCID PHEN ETHR	841	1 095	1 37931	22 094	25 914	1682	2190	1646	1601
48289	POROCEL		200	04017		5 368		0400		
58500	TET TRICHLORBENZ			11750	811 440	827 729			6 0458	7 8836
60200	TRICHLOROBENZENE	28 776	28 699	13584	1 865 192	1 853 139	5 7554	5 7400	13 8970	13 9156
61325	UNOX EPOXIDE 221		5	93215	2 236	2 380		0010	0167	0210
81101	AROCLOR 1242	410 767	410 764	10486	5 971 510	5 970 963	82 1565	82 1560	44 4920	36 1457
81103	AROCLOR 1254	65 851	65 852	10404	4 898 885	4 898 548	13 1707	13 1710	36 5002	39 1291
81106				10624	5 200	5 198			0387	
81487	THERMINOL RETURNS				1 800	1 799			0134	1 2497
81488	PYDRAUL RETURNS									0362
82612					1 519				0113	
82689	INERTEEN 54201AB				33 600	33 600			2503	5154
83001					20 400				1520	
93231	30 GAL BI DRUM			11 70350	99				0007	0052
93246	55 GAL DRUM			11 70350	242	250			0018	
93320	55 GAL BI DRUM	223	198	12 26457	6 181	6 172	0446	0400	0461	0450
94135	5 GAL BI CAN			2 41065	286	1 089			0021	0068
94140	CONTAINER				82				0006	
94146	5 GAL PAIL				888				0066	
530	STEAM MMBTU	490	525	1 49388	6 225	7 021	0980	1050	0464	0608
533	ELECTRICITY CKWH	109	131	1 55046	1 764	1 754	0218	0260	0131	0112
570	WAGES	192	316	6 35417	2 479	4 038	0384	0630	0185	0357
610	LABORATORY	919	1 828	1 37976	16 606	24 731	1838	3660	1237	1230

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
19400	CLAY ATTAPULGUS	7	5	2-	78	137	59	001	001	001	001
36100	GLYCID PHEN ETHR	1 160	1 510	350	31 528	36 980	5 452	232	302	235	274
48289	POROCEL		8	8		214	214		002		
58500	TET TRICHLORBENZ				109 179	111 380	2 201			813	1 032
60200	TRICHLOROBENZENE	3 909	3 898	11-	250 182	248 564	1 618-	782	780	1 864	1 740
61325	UNOX EPOXIDE 221		5	5	2 001	2 134	133		001	015	019
81101	AROCLOR 1242	43 073	43 073		617 502	617 445	57-	8 615	8 615	4 601	3 171
81103	AROCLOR 1254	6 851	6 851		505 537	505 505	32-	1 370	1 370	3 767	3 428
81106					540	540				004	
82612					110		110-			001	
82689	INERTEEN 54201AB				1 776-	4 084	5 860			013-	064
83001					2 496		2 496-			019	
93231	30 GAL BI DRUM				754	1 170	416			006	062
93246	55 GAL DRUM				2 937	3 034	97			022	
93320	55 GAL BI DRUM	2 735	2 428	307-	72 210	72 176	34-	547	486	538	489
94135	5 GAL BI CAN				553	2 473	1 920			004	013
94140	CONTAINER				284		284-			002	
94146	5 GAL PAIL				1 929		1 929-			014	
	NET MATERIAL COST	57 735	57 778	43	1 596 044	1 605 836	9 792	11 547	11 557	11 893	10 293

152-I (REV. 4-73)

DSW 311415

STLCOPCB4071401

Monsanto COST REPORT

CONFIDENTIAL

DIVISION RUBBER & PROCESS
PLANT W G KRUMMRICH

PRODUCTION	THIS MONTH	YEAR TO DATE
ACTUAL	1,192,399	14,901,505
SCHEDULED	1,192,399	14,901,505
CAPACITY	1,693,500	20,322,000

DEPT. NO. 81090 PRODUCT CODE 259 81090
PRODUCT PYRANOLS
COST UNIT 100LBS DATE DEC 1972
LAST YEAR ACTUAL PRODUCTION 18,975,380

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	SCHEDULED COST	OVER-UNDER SCHEDULED COST	YEAR TO DATE AMOUNTS ACTUAL COST	SCHEDULED COST	OVER-UNDER SCHEDULED COST	UNIT COSTS CURRENT MONTH ACTUAL	SCHEDULED	YEAR TO DATE ACTUAL	LAST YEAR ACTUAL
	NET MATERIAL COST	128 548	131 866	3 318	1 548 464	1 567 306	18 842	10 782	11 059	10 393	9 245
526	MATERIAL HANDLG	426	477	51	5 201	5 961	760	036	040	035	034
527	CONTAINER HDL EX	328	358	30	3 604	4 470	866	028	030	024	031
	TOT RAW MAT COST	129 302	132 701	3 399	1 557 269	1 577 737	20 468	10 846	11 129	10 452	9 310
530	STEAM M	5 512	855	4 657-	12 250	9 710	2 540-	462	072	082	047
533	ELECTRICITY	206	216	10	2 004	2 188	184	017	018	013	009
570	WAGES	2 267	3 777	1 490	30 146	44 592	14 446	192	317	202	042
575	SALARIES	1 599	1 734	135	20 088	20 808	720	134	145	135	071
578	PAYROLL OVERHEAD	570	1 321	351	11 985	15 594	3 609	081	111	080	031
590	SUPPLIES	176	103	73-	369	1 218	849	015	009	002	003
601	PACKING LABOR	1 396	1 313	83-	11 164	15 504	4 340	117	110	075	052
603	PACKING O/H										003
610	LABORATORY	2 137	1 267	870-	20 284	15 839	4 445-	179	106	136	132
613	CL & LAUN SAFETY										001
614	CLOTHING LAUNDRY	131	143	12	1 603	1 686	83	011	012	011	
621	TECHNICAL SERVIS		678	678	2 401	8 136	5 735		057	016	028
630	UNMATCHED MECH J	70		70-	285		285-	006		002	
636	SPCL MFG JOB TRF				110		110-			001	
641	RENTALS EQUIPT		26	26		306	306		002		001
693	EARN &PLT IMPROV		600	600	8 630	7 200	1 430-		050	058	013
694	MECH EXPENSE	666	1 400	734	4 427	16 800	12 373	056	117	030	061
	TOT DIRECT CONV	15 150	13 433	1 717-	125 746	159 581	33 835	1 270	1 126	843	496
	TOT DIR MFG COST	144 452	146 134	1 682	1 683 015	1 737 318	54 303	12 116	12 255	11 295	9 804
698	DEPRECIATION	883	991	108	8 979	11 892	2 913	074	083	060	034
760	F I E	2 455	2 844	349	31 215	34 128	2 913	209	239	210	064
761	OTHER INDIR EXP	190		190-	767		767-	016		005	009
	TOT INDIRECT CON	3 568	3 835	267	40 961	46 020	5 059	299	322	275	107
3-	PERFORMANCE VOL		3-	3-		42-	42-		001-		
	TOT PRODUCT COST	148 020	149 966	1 946	1 723 976	1 783 296	59 320	12 415	12 576	11 570	9 911
997	PRICE & MAT MIX		5 277-	5 277-		22 303-	22 303-		442-		
998	UNSCHEDULED CAP		3 399-	3 399-		41 546-	41 546-		285-		
	TOT COST AND VAR	148 020	141 290	6 730-	1 723 976	1 719 447	4 529-	12 415	11 849	11 570	9 911

DSW 311416

152-2 (REV. 8-70)

STLCOPCB4071402

Monsanto COST REPORT

CONFIDENTIAL

DIVISION RUBBER & PROCESS
PLANT W G KRUMMRICH

PRODUCTION

	THIS MONTH	YEAR TO DATE
ACTUAL	1,192,399	14,901,505
SCHEDULED	1,192,399	14,901,505
CAPACITY	1,693,500	20,322,000

DEPT. NO. 81090 PRODUCT CODE 259 81090
PRODUCT PYRANOLS
COST UNIT 100LBS DATE DEC 1972
LAST YEAR ACTUAL PRODUCTION 18,975,380

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
19400	CLAY ATTAPULGUS	80	179	07500	1 870	2 236	0067	0150	0125	0200
36100	GLYCID PHEN ETHR	1 910	2 289	1 60000	23 852	28 016	1602	1920	1601	1577
58500	TET TRICHLORBENZ	77 204	84 935	13020	1 174 769	1 206 396	6 4747	7 1230	7 8836	8 5137
60200	TRICHLOROBENZENE	187 496	198 773	12914	2 073 628	2 130 162	15 7243	16 6700	13 9156	15 5233
61325	UNOX EPOXIDE 221	208	227	89423	3 131	3 219	0174	0190	0210	0198
81101	AROCLOR 1242	381 004	381 007	08772	5 386 248	5 386 453	31 9527	31 9530	36 1457	36 2464
81103	AROCLOR 1254	525 827	525 824	08743	5 830 824	5 830 249	44 0982	44 0980	39 1291	32 0125
81105	AROCLOR 1260				92 771	92 771			6226	8 7469
81106	CAPACITOR 21									0171
81111	SCRAP AROCLOR									0948
81487	THERMINOL RETURNS	2 400	2 385		186 231	186 211	2013	2000	1 2497	
81488	PYDRAUL RETURNS				5 400	5 399			0362	
82610	AROCLOR 1221 ANN									0438
82612	ANNISTON 1242				85 795	85 738			5757	
82613	ANNISTON 1254				11 400	10 073			0765	
82614	AROCLOR 1260									0234
82615					60	59			0004	
82641	AROCLOR 00001248				36 167	35 727			2427	
82649						8 286				
82681					845	841			0057	
82688					495				0033	
82689	INERTEEN 54201AB	14 400	14 404	12333	76 800	73 694	1 2076	1 2080	5154	
82690					11 065	11 069			0743	
93231	30 GAL BI DRUM				780				0052	0024
93320	55 GAL BI DRUM	881	886	11 19637	6 705	6 998	0739	0740	0450	0404
94135	5 GAL BI CAN		89	1 89000	1 006	979		0070	0068	0053

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	SCHEDULED COST	OVER-UNDER SCHEDULED COST	YEAR TO DATE AMOUNT: ACTUAL COST	SCHEDULED COST	OVER-UNDER SCHEDULED COST	UNIT COST: CURRENT MONTH ACTUAL	SCHEDULED	YEAR TO DATE ACTUAL	LAST YEAR ACTUAL
19400	CLAY ATTAPULGUS	6	13	7	113	137	24	001	001	001	001
36100	GLYCID PHEN ETHR	3 056	3 662	606	40 867	48 039	7 172	256	307	274	333
58500	TET TRICHLORBENZ	10 052	11 059	1 007	153 737	157 945	4 208	843	927	1 032	1 020
60200	TRICHLOROBENZENE	24 213	25 670	1 457	259 289	266 408	7 119	2 031	2 153	1 740	1 845
61325	UNOX EPOXIDE 221	186	203	17	2 803	2 883	80	016	017	019	018
81101	AROCLOR 1242	33 422	33 422		472 475	472 491	16	2 803	2 803	3 171	2 684
81103	AROCLOR 1254	45 973	45 973		510 751	510 704	47-	3 856	3 856	3 428	2 320
81105	AROCLOR 1260				8 098	8 098				054	627
82610	AROCLOR 1221 ANN										007
82612	ANNISTON 1242				883	6 789	5 906			006	
82613	ANNISTON 1254				892	788	104-			006	
82614	AROCLOR 1260										002
82615					6	6					
82641	AROCLOR 00001248				3 188	3 157	31-			021	
82681					104	104				001	
82689	INERTEEN 54201AB	1 776	1 776		9 472	9 087	385-	149	149	064	
82690					1 818	1 048	770-			012	
93231	30 GAL BI DRUM				9 178		9 178-			062	019
93320	55 GAL BI DRUM	9 864	9 920	56	72 820	76 067	3 247	827	832	489	354
94135	5 GAL BI CAN		168	168	1 965	1 905	60-		014	013	010
	NET MATERIAL COST										

152-1 (REV. 8-70)

DSW 311417

STLCOPCB4071403

Monsanto COST REPORT

CONFIDENTIAL

DIVISION RUBBER & PROCESS
PLANT W G KRUMMRICH

PRODUCTION

	THIS MONTH	YEAR TO DATE
ACTUAL		
SCHEDULED		
CAPACITY		

DEPT. NO. 81090
PRODUCT PYRAMOLS
COST UNIT 100 LBS
LAST YEAR ACTUAL PRODUCTION

PRODUCT CODE 259 81090

DATE DEC 1977

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			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 311418

152 2 (REV 8-70)

STLCOPCB4071404

Monsanto COST REPORT

CONFIDENTIAL

DIVISION RUBBER & PROCESS
PLANT W G KRUMMRICH

PRODUCTION

	THIS MONTH	YEAR TO DATE
ACTUAL	1,192,399	14,901,505
SCHEDULED	1,192,399	14,901,505
CAPACITY	1,693,500	20,322,000

DEPT. NO. 81090
PRODUCT PYRANOLS
COST UNIT 100LBS
LAST YEAR ACTUAL PRODUCTION 18,975,380

PRODUCT CODE 259 81090
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
530	STEAM MMBTU	3 995	620	1 37972	9 060	7 303	3350	0520	0608	0372
533	ELECTRICITY CKWH	148	155	1 39189	1 673	1 825	0124	0130	0112	0083
570	WAGES	339	692	6 74631	5 320	8 172	0284	0580	0357	0081
610	LABORATORY	1 511	1 267	1 41430	18 334	15 839	1267	1060	1230	1277

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
81106	CAPACITOR 21										001
81111	SCRAP AROCLOR										004
81487	THERMINOL RETURNS				4	1 649	1 645				
81488	PYDRAUL RETURNS				1	1					
	NET MATERIAL COST	128 540	131 866	3 318	1 548 464	1 567 306	18 842	10 782	11 059	10 393	9 245

152-1 (REV. 8-70)

DSW 311419

STLCOPCB4071405

Monsanto COST REPORT

CONFIDENTIAL

DIVISION ORGANIC CHEM.
PLANT W G KRUMMRICH

PRODUCTION	THIS MONTH		YEAR TO DATE
ACTUAL	1,725,997		18,975,380
SCHEDULED	1,694,000		18,191,631
CAPACITY	1,693,500		20,322,000

DEPT. NO. 81090 PRODUCT CODE 259 81090
PRODUCT PYRANOLS
COST UNIT 100LBS DATE DEC 1971
LAST YEAR ACTUAL PRODUCTION 15,178,871

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		30.0						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	160 179	162 797	2 618	1 754 518	1 766 506	11 988	$ 280	$ 433	$ 245	$ 022
526	MATERIAL HANDLG	629	242	387-	6 516	2 658	3 858-	036	014	034	016
527	CONTAINER HDL EX	740		740-	5 965		5 965-	043		031	001
	TOT RAW MAT COST	161 548	163 039	1 491	1 766 999	1 769 164	2 165	$ 359	$ 447	$ 310	$ 039
530	STEAM M	1 203	1 309	106	8 992	12 811	3 819	070	076	047	043
533	ELECTRICITY	153	158	5	1 740	1 796	56	009	009	009	011
570	WAGES	1 516	629	887-	7 916	7 407	509-	088	036	042	013
575	SALARIES	1 516	1 349	167-	13 423	13 512	89	088	078	071	050
578	PAYROLL OVERHEAD	642	619	23-	5 855	7 288	1 433	037	036	031	017
590	SUPPLIES	77	100	23	628	1 198	570	004	006	003	002
601	PACKING LABOR		890	890	9 878	10 478	600		052	052	039
603	PACKING O/H		52	52	613	611	2-		003	003	004
610	LABORATORY	2 607	1 545	1 262-	25 034	16 890	8 144-	163	090	132	110
613	CL & LAUN SAFETY	14	26	12	125	305	180	001	002	001	001
614	CLOTHING LAUNDRY	5	51	46	91	606	515		003		
621	TECHNICAL SERVIS		918	918	5 326	10 805	5 479		053	028	007
630	UNMATCHED MECH J	347-		347				020-			
635	EXPERIMENTAL		52	52		611	611		003		
641	RENTALS EQUIPT		26	26	148	305	157		002	001	
651	PROD PROCESS RES		521	521		5 220	5 220		030		
657	PLT PROC RESCH		167	167		1 668	1 668		010		
687	TANK CAR STOR		207	207		2 436	2 436		012		
693	EARN &PLT IMPROV	977	600	377-	2 556	5 208	2 652	057	035	013	
694	MECH EXPENSE	1 444	625	819-	11 506	7 062	4 444-	084	036	061	070
	TOT DIRECT CONV	10 007	9 844	163-	93 831	106 217	12 386	581	572	494	367
	TOT DIR MFG COST	171 555	172 883	1 328	1 860 830	1 875 381	14 551	$ 940	10 019	$ 804	$ 406
698	DEPRECIATION	641	555	86-	6 449	5 556	893-	037	032	034	032
760	FIE-INS-TAXES	1 414	1 330	84-	12 088	13 326	1 238	082	C77	064	046
761	OTHER INDIR EXP	377		377-	1 778		1 778-	021		009	002
	TOT INDIRECT CON	2 432	1 885	547-	20 315	18 882	1 433-	140	109	107	080
5-	PERFORMANCE VOL		178	178		4 542	4 542		007		
	TOT PRODUCT COST	173 987	174 946	959	1 881 145	1 898 805	17 660	10 080	10 135	$ 911	$ 486
997	PRICE & MAT MIX		2 231-	2 231-		11 513-	11 513-		129-		
998	UNSCHEDULED CAP		146-	146-		5 144-	5 144-		008-		
	TOT COST AND VAR	173 987	172 569	1 418-	1 881 145	1 882 148	1 003	10 080	9 998	$ 911	$ 486

DSW 311420

132-2 (REV. 6-70)

STLCOPCB4071406

Monsanto COST REPORT

CONFIDENTIAL

DIVISION ORGANIC CHEM.
PLANT W G KRUMMRICH

PRODUCTION

	THIS MONTH		YEAR TO DATE
ACTUAL	1,725,997		18,975,380
SCHEDULED	1,694,000		18,191,631
CAPACITY	1,693,500		20,322,000

DEPT. NO. 81090
PRODUCT PYRANOLS
COST UNIT 100LBS
LAST YEAR ACTUAL PRODUCTION 15,178,871

PRODUCT CODE 259 81090
DATE DEC 1971

MATERIAL COST

	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 ATTAPULGUS	388	259	06443	3 794	2 546	0225	0150	0200	0087
36100	GLYCID PHEN ETHR	2 226	2 675	2 26954	29 919	35 075	1290	1550	1577	1654
58500	TET TRICHLORBENZ	279 905	287 344	11901	1 615 516	1 628 173	16 2170	16 6480	8 5137	8 3200
60200	TRICHLOROBENZENE	164 032	163 521	12003	2 945 608	2 941 465	9 5036	9 4740	15 5233	18 9475
61325	UNOX EPOXIDE 221	666	759	90090	3 749	3 989	0386	0440	0198	0214
81101	AROCLOR 1242	703 960	703 972	07405	6 877 894	6 877 925	40 7857	40 7860	36 2464	26 8461
81103	AROCLOR 1254	325 279	325 281	07248	6 074 506	6 074 531	18 8459	18 8460	32 0126	28 1484
81105	AROCLOR 1260	266 439	266 444	07168	1 659 755	1 659 758	15 4368	15 4370	8 7469	17 6637
81106	CAPACITOR 21			07688	3 236	3 235			0171	
81111	SCRAP AROCLOR				17 995	17 995			0948	6598
82610	AROCLOR 1221 ANN			07688	8 320	8 321			0438	
82614	AROCLOR 1260			07168	4 440	4 485			0234	
93130					8					
93231	30 GAL BI DRUM	102		7 98039	457		0059		0024	0036
93320	55 GAL BI DRUM	585	753	9 20855	7 673	7 968	0339	0440	0404	0357
94135	5 GAL BI CAN	261	242	1 91188	1 009	1 122	0151	0140	0053	0122
530	STEAM MMBTU	781	850	1 54033	7 062	10 179	0452	0490	0372	0496
533	ELECTRICITY CKWH	131	135	1 16794	1 571	1 618	0076	0080	0083	0117
570	WAGES	288	116	5 26389	1 544	1 365	0167	0070	0081	0034
610	LABORATORY	2 498	1 545	1 12370	24 223	16 890	1447	0900	1277	1222

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
19400	CLAY ATTAPULGUS	25	17	8-	244	168	76-	001	001	001	007
36100	GLYCID PHEN ETHR	5 052	6 071	1 019	63 277	74 212	10 935	293	352	333	344
58500	TET TRICHLORBENZ	33 311	34 197	886	193 458	194 953	1 495	1 930	1 981	1 020	975
60200	TRICHLOROBENZENE	19 689	19 627	62-	350 038	349 542	496-	1 141	1 137	1 845	2 246
61325	UNOX EPOXIDE 221	600	684	84	3 380	3 595	215	035	040	018	018
81101	AROCLOR 1242	52 128	52 129	1	509 308	509 806	498	3 020	3 020	2 684	1 881
81103	AROCLOR 1254	23 576	23 576		440 280	440 282	2	1 366	1 366	2 320	1 955
81105	AROCLOR 1260	19 C98	19 C95	1	118 971	118 972	1	1 106	1 107	627	1 219
81106	CAPACITOR 21				249	249				001	
81111	SCRAP AROCLOR				837	837				004	030
82610	AROCLOR 1221 ANN				1 356	1 356				007	
82614	AROCLOR 1260				328	331	3			002	
93130					63		63-				
93231	30 GAL BI DRUM	814		814-	3 602		3 602-	047		019	027
93320	55 GAL BI DRUM	5 387	6 934	1 547	67 145	69 855	2 710	312	402	354	300
94135	5 GAL BI CAN	459	463	36-	1 982	2 348	366	029	027	010	020
	NET MATERIAL COST	160 179	162 797	2 618	1 754 518	1 766 506	11 988	9 280	9 433	9 245	9 022

182-1 (REV. 8-70)

DSW 311421

STLCOPCB4071407

Monsanto COST REPORT

CONFIDENTIAL

DIVISION ORGANIC CHEM.
PLANT W G KRUMMRICH

PRODUCTION

THIS MONTH		YEAR TO DATE
1,813,463	ACTUAL	15,178,871
1,749,882	SCHEDULED	14,778,465
1,693,440	CAPACITY	20,321,280

DEPT. NO. 81090 PRODUCT CODE 259 81090
PRODUCT PYRANOLS
COST UNIT 100LBS DATE DEC 1970
LAST YEAR ACTUAL PRODUCTION 13,003,996

OPERATING DATA : ACTUAL DAYS
SCHEDULED DAYS 31.0 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	155 724	156 618	894	1 369 618	1 391 054	21 436	8 587	8 636	9 022	8 722
526	MATERIAL HANDLG	179		179-	2 410		2 410-	010		016	023
527	CONTAINER HDL EX	29		29-	103		103-	002		001	
	TOT RAW MAT COST	155 932	156 618	686	1 372 131	1 391 054	18 923	8 599	8 636	9 039	8 745
530	STEAM M	630	919	289	6 542	8 900	2 358	035	051	053	066
533	ELECTRICITY	186	129	57-	1 670	1 564	106-	010	007	011	011
570	WAGES	221	204	17-	1 923	2 400	477	012	011	013	020
575	SALARIES	1 293	708	585-	7 638	8 496	858	071	039	050	045
578	PAYROLL OVERHEAD	311	267	44-	2 590	3 142	552	017	015	017	016
590	SUPPLIES	94	62	32-	326	730	404	005	003	002	006
601	PACKING LABOR	466	476	10	5 890	5 606	284-	026	026	039	041
603	PACKING O/H		52	52	605	611	6		003	004	007
610	LABORATORY	1 861	1 981	120	16 752	16 581	171-	103	109	110	094
613	CL & LAUN SAFETY	48	26	22-	113	305	192	003	001	001	
614	CLOTHING LAUNDRY	4	52	48	67	611	544		003		001
621	TECHNICAL SERVIS		126	126	1 135	1 484	349		007	007	006
641	RENTALS EQUIPT		26	26		305	305		001		001
651	PROD PROCESS RES		252	252		2 968	2 968		014		
687	TANK CAR STOR		207	207		2 436	2 436		011		015
694	MECH EXPENSE	1 126	1 072	54-	10 591	12 864	2 273	062	059	070	001
	TOT DIRECT CONV	6 240	6 559	319	55 842	69 003	13 161	344	360	367	330
	TOT DIR MFG COST	162 172	163 177	1 005	1 427 973	1 460 057	32 084	8 943	8 996	9 406	9 075
698	DEPRECIATION	435	380	55-	4 809	4 560	249-	024	021	032	033
760	F I E	626	621	5-	6 936	7 452	516	035	034	046	046
761	OTHER INDIR EXP				356		356-			002	004
	TOT INDIRECT CON	1 061	1 001	60-	12 101	12 012	89-	059	055	080	081
23	PERFORMANCE VOL		219	219		1 385	1 385		015		
	TOT PRODUCT COST	163 233	164 397	1 164	1 440 074	1 473 454	33 380	9 002	9 066	9 486	9 156
997	PRICE & MAT MIX		4 318-	4 318-		63 726-	63 726-		238-		
998	UNSCHEDULED CAP		767	767		12 632-	12 632-		042		
	TOT COST AND VAR	163 233	160 846	2 387-	1 440 074	1 397 096	42 978-	9 002	8 870	9 486	9 156

DSW 311422

132-2 (REV. 8-70)

STLCOPCB4071408

Monsanto COST REPORT

CONFIDENTIAL

DIVISION ORGANIC CHEM.
PLANT W G KRUMMRICH

PRODUCTION

	THIS MONTH	YEAR TO DATE
ACTUAL	1,813,463	15,178,871
SCHEDULED	1,749,882	14,778,465
CAPACITY	1,693,440	20,321,280

DEPT. NO. 81090
PRODUCT PYRANOL S
COST UNIT 100LBS
LAST YEAR ACTUAL PRODUCTION 13,003,996

PRODUCT CODE 259 81090
DATE DEC 1970

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
19400	CLAY ATTAPULGUS	150	544	04000	1 319	4 262	0083	0300	0087	0148
36100	GLYCID PHEN ETHR	2 840	3 301	2 12500	25 100	28 212	1566	1820	1654	1796
58500	TET TRICHLORBENZ	169 110	174 909	11821	1 262 890	1 292 560	9 3253	9 6450	8 3201	8 0881
60200	TRICHLOROBENZENE	164 510	169 758	11790	2 876 015	2 994 242	9 0716	9 3610	18 9475	20 3555
61325	UNOX EPOXIDE 221	450	472	86000	3 252	3 398	0248	0260	0214	0153
81101	AROCLOR 1242	955 416	954 915	07008	4 074 950	4 074 426	52 6846	52 6570	26 8462	27 2666
81103	AROCLOR 1254	387 230	392 071	06945	4 272 615	4 282 201	21 3531	21 6200	28 1484	26 7954
81105	AROCLOR 1260	140 252	141 686	06913	2 681 159	2 725 943	7 7339	7 8130	17 6638	19 1291
81111	SCRAP AROCLOR				100 150				6598	
93231	30 GAL BI DRUM	220	7	33182	551		0121		0036	0053
93320	55 GAL BI DRUM	555	510	8 56396	5 420	5 539	0306	0280	0357	0388
94135	5 GAL BI CAN		103	1 68000	1 845	1 914		0080	0122	0073
530	STEAM MMBTU	600	875	1 05000	7 528	10 304	0331	0480	0496	0807
533	ELECTRICITY CKWH	203	141	91626	1 771	1 658	0112	0080	0117	0126
570	WAGES	45	41	4 91111	509	484	0025	0020	0034	0045
610	LABORATORY	1 784	2 387	1 04316	18 556	19 977	0984	1320	1222	1133

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
19400	CLAY ATTAPULGUS	6	22	16	1 029	1 918	889		001	007	001
36100	GLYCID PHEN ETHR	6 035	7 015	980	52 240	58 759	6 519	333	387	344	359
58500	TET TRICHLORBENZ	19 990	20 676	686	148 042	151 504	3 462	1 102	1 140	975	911
60200	TRICHLOROBENZENE	19 395	20 014	619	340 925	355 174	14 249	1 070	1 104	2 246	2 187
61325	UNOX EPOXIDE 221	387	406	19	2 799	2 925	126	021	022	018	013
81101	AROCLOR 1242	66 956	66 920	36-	285 539	285 500	39-	3 692	3 690	1 881	1 852
81103	AROCLOR 1254	26 893	27 229	336	296 734	297 400	666	1 483	1 501	1 955	1 791
81105	AROCLOR 1260	9 696	9 795	99	185 063	188 146	3 083	535	540	1 219	1 270
81111	SCRAP AROCLOR				4 552		4 552-			030	
93231	30 GAL BI DRUM	1 613		1 613-	4 092		4 092-	089		027	036
93320	55 GAL BI DRUM	4 753	4 368	385-	45 518	46 528	1 010	262	241	300	290
94135	5 GAL BI CAN		173	173	3 085	3 200	115		010	020	012
	NET MATERIAL COST	155 724	156 618	894	1 369 618	1 391 054	21 436	8 587	8 636	9 022	8 722

DSW 311423

152-1 (REV. 8-70)

STLCOPCB4071409