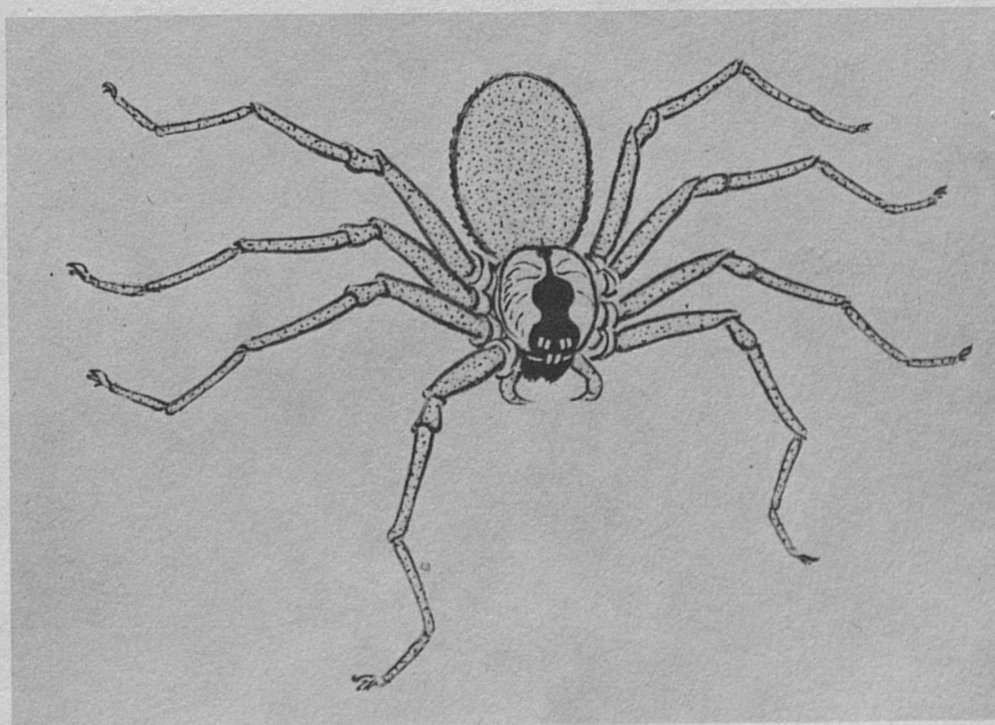


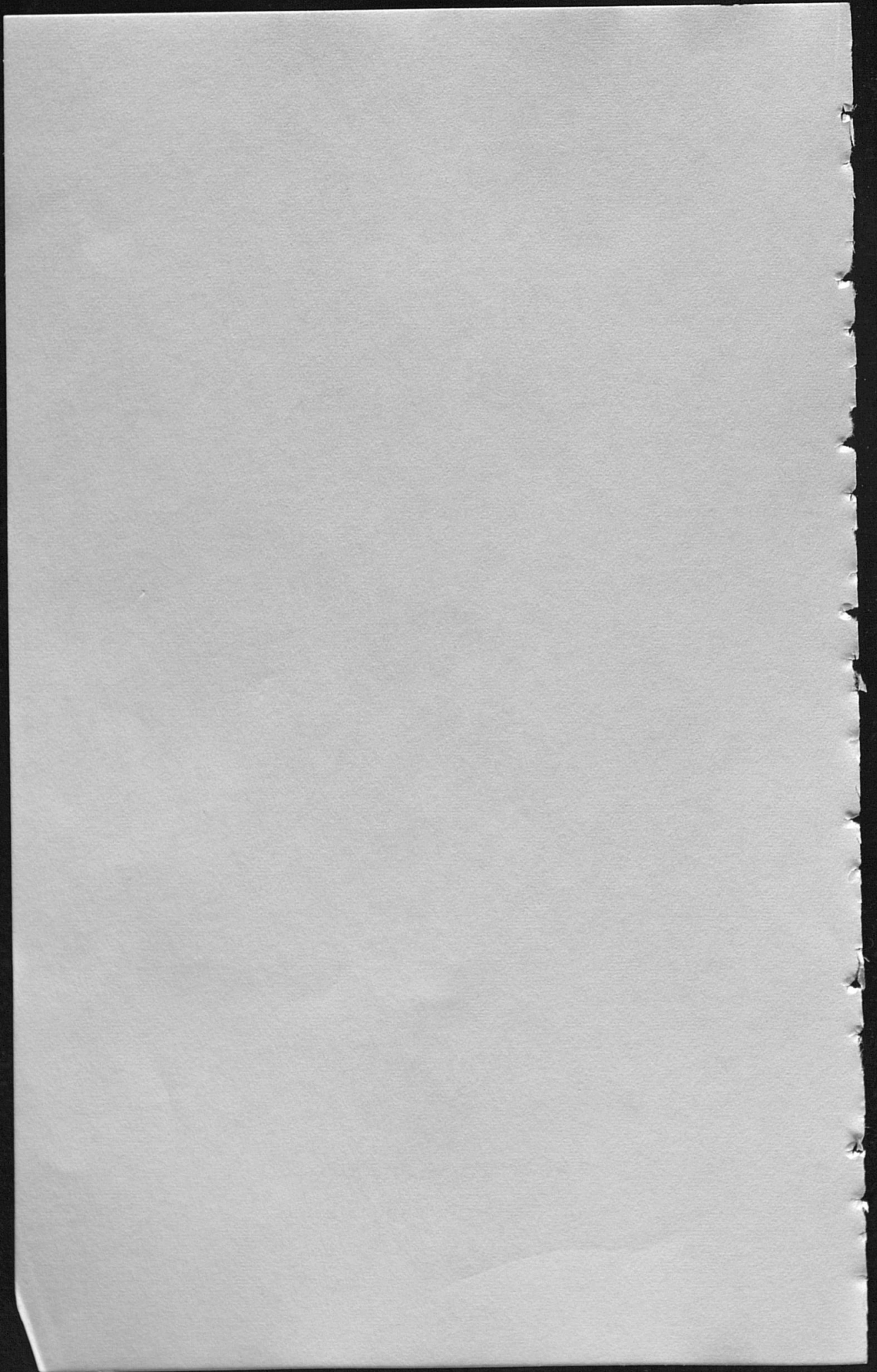
Regulatory Bulletin 197

KENTUCKY
ECONOMIC POISONS
REPORT, 1967



Poisonous Brown Recluse Spider
(Drawing Greatly Enlarged)

University of Kentucky
Agricultural Experiment Station
Lexington



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KENTUCKY AGRICULTURAL EXPERIMENT STATION

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NOTE - The cover picture is a drawing of the brown recluse spider. The adult spider is only about 1/4 to 3/8 inch in body length. This spider has been found in Kentucky and is very poisonous.

This report compiled and prepared by Bruce Poundstone and W. J. Huffman
Analytical data by Laboratory Staff

* Died July, 1967

** Resigned June 30, 1967

COMPANIES REPRESENTED BY SAMPLES REPORTED IN THIS BULLETIN

Ag. Supply Company
Box 34 - Old Clarksville Road
Hopkinsville, Kentucky 42240

Agrico Chemical Company
5050 Poplar Avenue
Memphis, Tennessee 38101

Allied Chemical Corp.
40 Rector Street
New York, New York 10006

Allied Mills, Inc.
P. O. Box 459
Libertyville, Illinois 60048

Armour Agricultural Chemical Company
30 Pryor Street, S.W.
Atlanta, Georgia 30303

Babson Brothers Company
2100 S. York Road
Oak Brook, Illinois 60521

Bacon Products, Inc.
Box 8127
Chattanooga, Tennessee 37411

Black Leaf Products
6147 North Broadway
Chicago, Illinois 60626

Bluegrass Plant Foods, Inc.
North Main Street
Cynthiana, Kentucky 41031

Burley Belt Fertilizer Company
Route #4
Lexington, Kentucky 40505

Cabell Chemical Company
101 - 22nd. Street
Huntington, West Virginia 25703

Calvert Chemical Company
1920 Losantiville Ave.
Cincinnati, Ohio 45237

Central Soya
300 Ft. Wayne Bank Bldg.
Ft. Wayne, Indiana 46802

Chevron Chemical Company
940 Hensley Street
Richmond, California 94801

The Clorox Company
P. O. Box 599
Cincinnati, Ohio 45201

Colonial Stores, Inc.
Box 4358
Atlanta, Georgia 30302

Wm. Cooper & Nephews, Inc.
1909 North Clifton
Chicago, Illinois 60614

E. Joseph Cossman & Company
7660 Melrose Avenue
Los Angeles, California 90046

Cumberland Manufacturing Company
501 - 25th. Avenue, North
Nashville, Tennessee 37202

DeLaval Separator Company
350 Dutchess Turnpike
Poughkeepsie, New York 12602

Diamond Alkali Company
300 Union Commerce Bldg.
Cleveland, Ohio 44115

Dixi Chem. of Greenville
812 Hampton Avenue
Greenville, South Carolina 29602

Dragon Chemical Company
7033 Walrond
Roanoke, Virginia 24019

Eaton's Dairy Farm Equipment
905 Paducah Road
Mayfield, Kentucky 42066

E. I. DuPont De Nemours & Company
6054 DuPont Bldg.
Wilmington, Delaware 19801

E-Z-Flo Chemical Company
Div. Growers Service Corporation
P. O. Box 808
Lansing, Michigan 48903

COMPANIES REPRESENTED BY SAMPLES REPORTED IN THIS BULLETIN (Cont'd.)

Federal Chemical Company
646 Starks Building
Louisville, Kentucky 40202

Frontier Chemicals, Inc.
119 Soper Street
St. Louis, Missouri 63111

Geigy Agricultural Chemicals
Ardsley,
New York 10502

Glasgow Fertilizer Company
Industrial Avenue
Glasgow, Kentucky 42141

W. R. Grace & Company
Davison Chemical Division
101 N. Charles Street
Baltimore, Maryland 21203

The Great Atlantic & Pacific Tea Co.
3041 Wilson Avenue
Louisville, Kentucky 40211

Gro-Green Chemical Company
P. O. Box 132
Shelbyville, Kentucky 40065

Gulf Oil Corporation
Agri. Chem. Div.
Dwight Building
Kansas City, Missouri 64105

Hess & Clark
7th & Orange Streets
Ashland, Ohio 44805

Hot Shot Quality Products, Inc.
701 N. Main Street
Memphis, Tennessee 38101

Houchen's Market
Bowling Green,
Kentucky 42101

Independent Grocers Alliance Dist. Co.
Chicago,
Illinois

Indiana Farm Bureau Coop. Assn., Inc.
47 S. Pennsylvania
Indianapolis, Indiana 46204

International Mineral & Chemical Corp.
P. O. Box 15067 - Lockland Station
Cincinnati, Ohio 45215

Carl Kaster
516 West Main Street
Louisville, Kentucky 40202

Klenzade Products, Inc.
P. O. Box 1020
Beloit, Wisconsin 53511

The Kroger Company
1240 State Avenue
Cincinnati, Ohio 45204

Dr. L. D. LeGear, Inc.
4161 Beck Avenue
St. Louis, Missouri 63116

Lehigh Chemical Company
3511 Grade Lane
Louisville, Kentucky 40214

Louisville Chemical Company
601 E. Jefferson Street
Louisville, Kentucky 40202

Meyer-Blanke Company
5432 Highland Park Dr.
St. Louis, Missouri 63110

Mobil Chemical Company
401 E. Main Street
Richmond, Virginia 23208

Niagara Chemical Division
FMC Corporation
P. O. Box D
Wyoming, Illinois 61491

Novel Wash Company
4045 Garfield Avenue
St. Louis, Missouri 63113

Ohio Valley Fertilizer Company
P. O. Box 991
Maysville, Kentucky 41056

Pennsalt Chemical Corporation
3 Penn Center Plaza
Philadelphia, Pennsylvania 19123

COMPANIES REPRESENTED BY SAMPLES REPORTED IN THIS BULLETIN (Cont'd.)

The Proctor & Gamble Company
P. O. Box 599
Cincinnati, Ohio 45201

Purex Corporation, Ltd.
5101 Clark Avenue
Lakewood, California 90712

C. B. Ragland & Company
600 Thompson Lane
Nashville, Tennessee 37204

Ralston Purina Company
835 S. Eighth Street
St. Louis, Missouri 63199

Rigo Manufacturing Company
638 Benton Avenue
Nashville, Tennessee 37202

Dr. Roberts Laboratories
1101 Acorn Street
Rockford, Illinois

Roman Cleanser Company
2700 E. McNichols Road
Detroit, Michigan 48212

F. S. Royster Guano Company
Box 1940
Norfolk, Virginia 23501

Sapo Elixir Chemical Company
9870 Big Bend Blvd.
Kirkwood, Missouri 63122

Sep-Ko Chemicals, Inc.
3900 Jackson St., N.E.
Minneapolis, Minnesota 55421

Shell Chemical Company
110 W. 51st. Street
New York, New York 10020

The Sinclair Manufacturing Company
6120 N. Detroit Avenue
Toledo, Ohio 43612

Smith-Douglass Division
The Borden Chemical Company
P. O. Box 419
Norfolk, Virginia 23501

Southern States Cooperative, Inc.
7th & Main Streets
Richmond, Virginia 23123

Southern States Cooperative, Inc.
Fertilizer Division
7th & Main Streets
Richmond, Virginia 23123

Stauffer Chemical Company
380 Madison Avenue
New York, New York 10017

Thompson-Hayward Chemical Company
Box 2383
Kansas City, Missouri 64110

Tobacco States Chemical Company
P. O. Box 479
Lexington, Kentucky 40501

Union Carbide Corporation
270 Park Avenue
New York, New York 10017

Uniroyal Chemical Division
Elm Street
Naugatuck, Connecticut 06770

United Cooperatives, Inc.
111 Glamorgan Street
Alliance, Ohio 44601

Universal Milking Machine Division
1st. Avenue at College
Albert Lea, Minnesota 56007

Whitmoyer Laboratories, Inc.
19 North Railroad Street
Myerstown, Pennsylvania

Woolfolk Chemical Works, Ltd.
East Main Street
Fort Valley, Georgia 31030

INTRODUCTION

During the period January 1 through December 31, 1967, 660 pesticide samples were analyzed.

LABELING REQUIREMENTS

Chemicals that require registration under the Kentucky Economic Poisons Law must bear a label stating directions for use, which, if compiled with, are considered adequate for the protection of the public. With few exceptions, the label must contain a warning or caution statement, designed to prevent injury to man and other vertebrate animals, vegetation, or other useful living things. The front or display side of the label should also bear the statement "Keep Out Of Reach Of Children." If the product is shipped in interstate commerce, the label should bear the Federal registration number.

The label of the product must also contain a guaranteed analysis which shows either the name and percentage of each active ingredient together with the total percentage of the inert ingredients, or the names of each active ingredient in the descending order of their percentages together with the name of each and the total percentage of the inert ingredients. The ingredient statement of any product may be of either form except in the case of compounds, which are highly toxic to man. The ingredient statement for products containing highly toxic compounds must list the name and percentage of each active ingredient. Highly toxic materials may also be required to be colored or discolored for the protection of the public health.

The label provides the public with information on the uses of and the precautions to be taken in using all economic poisons sold in Kentucky. The name and address of the manufacturer, the net weight or measure of the contents of any package or bottle, and the brand or trade mark under which the product is sold must appear on the label.

FIELD INSPECTION

In order to adequately enforce the provision of the act, field inspectors are authorized to collect samples of economic poisons and devices and to enter any car, warehouse, store, etc. supposed to contain economic poisons or devices, for the purpose of inspection or sampling. They are also authorized to issue and enforce a written or printed stop sale or removal order on a lot of economic poison when the material being offered for sale is in violation of any of the provisions of the Kentucky Economic Poisons Law. They are authorized to hold this material at a designated place.

Field inspectors are in a position to explain the various aspects of the Kentucky Economic Poisons Law so that dealers and users of pesticide products will have an understanding of this act.

PESTICIDE-FERTILIZER MIXTURES

An important group of specialty products are the products in which an insecticide, herbicide, or other economic poison is incorporated into a fertilizer. Because of the nature of these products, special regulations are employed in their registration. For example, an insecticide incorporated into a fertilizer is manufactured usually to be applied to the ground and, therefore, will be effective only against certain soil-inhabiting pests. Another inherent restriction in the use of these products may be in the method or in the time of application of either of the component parts of the product.

EXPLANATION OF TABLES

The following tables are compiled by active ingredient. Manufacturers are listed alphabetically above their respective products. The examinations reported are official samples of pesticide products offered for sale in Kentucky.

Of the samples reported, 137 samples were found to be deficient in one or more of the active ingredients guaranteed. Twenty-Seven products were not registered when the sample was taken, and five samples of pesticide-fertilizer mixture were misbranded because of excessive pesticide found.

The symbols in the right hand column of each table except pesticide-fertilizer mixtures have the following meaning:

- P (Passed) denotes the amount of active ingredient found was not significantly at variance from the amount guaranteed.
- D (Deficient) denotes the amount of active ingredient found was significantly below the amount guaranteed.
- X (Not registered) denotes the product was not registered in Kentucky at the time the sample was taken.
- M (Mislabeled) denotes the product did not meet the label requirements in all respects.

Results of Analyses of Insecticides in Fertilizers. An Asterisk Indicates a Deficiency.
An "M" Indicates Misbranded.

SAMPLE NUMBER	GRADE	ELEMENT	GUARANTEE	FOUND
AGRICO CHEMICAL CO., MEMPHIS, TENN.				
16852	4-16- 4	ALDRIN	0.3000	0.2700
17065	4-16- 4	ALDRIN	0.3000	0.2900
17156	4-16- 4	ALDRIN	0.3000	0.3000
17242	4-16- 4	ALDRIN	0.3000	0.2900
17243	4-16- 4	ALDRIN	0.3000	0.2800
17413	4-16- 4	ALDRIN	0.3000	0.3200
17414	5-10-15	ALDRIN	0.1500	0.1200 *
17415	4-16- 4	ALDRIN	0.3000	0.2800
17419	4-16- 4	ALDRIN	0.3000	0.2600
18614	8- 8-18	ALDRIN	0.1500	0.1300
19633	8- 8-18	ALDRIN	0.1500	0.0700 *
ARMOUR AGRICULTURAL CHEMICAL CO., ATLANTA, GA.				
17059	5-10- 5	ALDRIN	0.1875	0.2000
17063	5-10- 5	ALDRIN	0.1875	0.1600
17078	4-16- 4	ALDRIN	0.1875	0.1800
17157	5-10- 5	ALDRIN	0.1875	0.1500
17241	5-10- 5	ALDRIN	0.1875	0.0500 *
17244	5-10- 5	ALDRIN	0.1875	0.0000 *
17421	5-10- 5	ALDRIN	0.1875	0.1800
17562	5-10- 5	ALDRIN	0.1875	0.1700
17569	5-10- 5	ALDRIN	0.1875	0.1800
18373	5-10- 5	ALDRIN	0.1875	0.1300 *
18622	5-10-15	ALDRIN	0.1500	0.0700 *
19379	5-10-15	ALDRIN	0.1500	0.1000 *
19382	5-10-15	ALDRIN	0.1500	0.0800 *
ARMOUR AGRICULTURAL CHEMICAL CO., CINCINNATI, OHIO				
17247	5-10- 5	ALDRIN	0.1875	0.0900 *
17564	5-10-15	ALDRIN	0.1500	0.1400
17940	6-12-18	ALDRIN	0.1500	0.0900 *
17941	5-10-15	ALDRIN	0.1500	0.2000
17942	12-12-12	ALDRIN	0.5000	0.4200
17943	5-10-15	ALDRIN	0.1500	0.1800
17944	5-10- 5	ALDRIN	0.1875	0.1800
BLUEGRASS PLANT FOODS, INC., CYNTHIANA, KY.				
17057	4-16- 4	ALDRIN	0.3100	0.2800
18610	6- 6-18	ALDRIN	0.1500	0.1900
18618	6- 7-11	ALDRIN	0.0850	0.0900
17077	4-16- 4	ALDRIN	0.3100	0.2900
BURLEY BELT FERTILIZER CO., LEXINGTON, KY.				
17006	4-16- 4	ALDRIN	0.3100	0.3100
17069	4-16- 4	ALDRIN	0.3100	0.2800
17070	10-10-20	ALDRIN	0.1500	0.1100 *
17155	4-16- 4	ALDRIN	0.3100	0.2800
17163	4-16- 4	ALDRIN	0.3100	0.3200
17245	4-16- 4	ALDRIN	0.3100	0.2700
17931	8-10-15	ALDRIN	0.1500	0.1400
17932	4-16- 4	ALDRIN	0.3100	0.2900

Results of Analyses of Insecticides in Fertilizers. An Asterisk Indicates a Deficiency. An "M" Indicates Misbranded.

SAMPLE NUMBER	GRADE	ELEMENT	GUARANTEE	FOUND
BURLEY BELT FERTILIZER CO., LEXINGTON, KY. (Cont'd.)				
17937	8-10-15	ALDRIN	0.1500	0.1400
18611	6- 6-18	ALDRIN	0.1500	0.1700
18615	8- 6-18	ALDRIN	0.1500	0.1600
18620	10-10-20	ALDRIN	0.1500	0.1900
19383	8-10-15	ALDRIN	0.1500	0.1700
1938C	5-10-15	ALDRIN	0.1500	0.1400
FEDERAL CHEMICAL COMPANY, LOUISVILLE, KY.				
16847	5-10-15	ALDRIN	0.1500	0.1100 *
17071	5-10-15	ALDRIN	0.1500	0.0800 *
17072	9-10-15	ALDRIN	0.1500	0.1600
17246	4-16- 4	ALDRIN	0.1875	0.1500
17423	4-16- 4	ALDRIN	0.1875	0.1200 *
17558	4-16- 4	ALDRIN	0.1875	0.1500
18612	5-10-15	ALDRIN	0.1500	0.1200 *
19381	9-10-15	ALDRIN	0.1500	0.0900 *
19384	9-10-15	ALDRIN	0.1500	0.1700
19582	5-10-15	ALDRIN	0.1500	0.0900 *
19583	5-10-15	ALDRIN	0.1500	0.2300 M
GLASGOW FERTILIZER COMPANY, GLASGOW, KY.				
16853	4-16- 4	ALDRIN	0.3100	0.3100
17570	4-16- 4	ALDRIN	0.3100	0.3100
18870	4-16- 4	ALDRIN	0.3100	0.3200
W. R. GRACE & COMPANY, NEW ALBANY, IND.				
16871	5-10-15	ALDRIN	0.1500	0.1400
17064	4-16- 4	ALDRIN	0.3100	0.2300 *
17066	4-16- 4	ALDRIN	0.3100	0.2700
17076	4-16- 4	ALDRIN	0.3100	0.3100
17081	4-16- 4	ALDRIN	0.3100	0.1500 *
17158	4-16- 4	ALDRIN	0.3100	0.4000
17159	6-12-18	ALDRIN	0.1500	0.1500
17934	5-10-15	ALDRIN	0.1500	0.2000
18150	5-10-15	ALDRIN	0.1500	0.1800
18236	5-10-15	ALDRIN	0.1500	0.1100 *
18374	5-10-15	ALDRIN	0.1500	0.2300 M
18375	12-12-12	ALDRIN	0.5000	0.6000
18376	5-10-15	ALDRIN	0.1500	0.0700 *
19196	5-10-15	ALDRIN	0.1500	0.0800 *
17417	4-16- 4	ALDRIN	0.3100	0.2200 *
17418	5-10-15	ALDRIN	0.1500	0.1100 *
17560	5-10-15	ALDRIN	0.1500	0.2100
GRO-GREEN CHEMICAL COMPANY, INC., SHELBYVILLE, KY.				
17898	4-19-19	ALDRIN	0.1500	0.1100 *
18377	5-10-15	ALDRIN	0.1500	0.2000
18378	8-10-15	ALDRIN	0.1500	0.0900 *
18380	7-10-18	ALDRIN	0.1350	0.1500
18381	12-12-12	ALDRIN	0.1500	0.5400 M
18617	8-12-15	ALDRIN	0.1500	0.1000 *

Results of Analyses of Insecticides in Fertilizers. An Asterisk Indicates a Deficiency.
An "M" Indicates Misbranded.

SAMPLE NUMBER	GRADE	ELEMENT	GUARANTEE	FOUND
GRO-GREEN CHEMICAL COMPANY, INC., SHELBYVILLE, KY. (cont'd.)				
19195	5- 7-10	ALDRIN	0.0810	0.0800
19197	7- 9-14	ALDRIN	0.1600	0.1700
19386	7-23- 9	ALDRIN	0.4900	0.4200
19387	8-12-15	ALDRIN	0.1400	0.0400 *
19388	3- 7- 7	ALDRIN	0.0700	0.0300 *
INTERNATIONAL MIN. & CHEM. CORP., CINCINNATI, OHIO				
16718	4-16- 4	ALDRIN	0.3100	0.2800
16846	4-16- 4	ALDRIN	0.3100	0.2600
17061	4-16- 4	ALDRIN	0.3100	0.2500
17062	5-10-15	ALDRIN	0.1500	0.1100 *
17566	5-10-15	ALDRIN	0.1500	0.1500
17936	5-10-15	ALDRIN	0.1500	0.1200 *
18147	5-10-15	ALDRIN	0.2000	0.1800
MOBIL CHEM. CO. AGRI. CHEM. DIV., RICHMOND, VA.				
16850	4-16- 4	ALDRIN	0.3100	0.1300 *
16851	6-12-18	ALDRIN	0.1500	0.1500
17154	4-16- 4	ALDRIN	0.1500	0.2500 M
17422	4-16- 4	ALDRIN	0.3100	0.0600 *
17939	4-16- 4	ALDRIN	0.3100	0.2100 *
18871	5-10-15	ALDRIN	0.1500	0.0200 *
19584	5-10-15	ALDRIN	0.1500	0.0
OHIO VALLEY FERTILIZER, INC., MAYSVILLE, KY.				
19391	10-10-20	ALDRIN	0.1500	0.2200
19392	9- 9- 9	ALDRIN	0.4100	0.4100
19393	5- 9-14	ALDRIN	0.1600	0.1400
19394	5- 9-14	ALDRIN	0.1500	0.0800 *
18619	10-10-20	ALDRIN	0.1500	0.1200 *
18874	10-10-20	ALDRIN	0.1500	0.1400
18875	8-10-15	ALDRIN	0.1500	0.1500
18876	5-10-15	ALDRIN	0.1500	0.0300 *
18877	6-12-18	ALDRIN	0.1500	0.0500 *
18878	8-10-15	ALDRIN	0.1500	0.2100
18879	8-10-15	ALDRIN	0.1500	0.1500
19389	4-16- 4	ALDRIN	0.2970	0.2700
19390	7- 7-15	ALDRIN	0.0820	0.1700 M
19391	10-10-20	ALDRIN	0.1500	0.2200
19392	9- 9- 9	ALDRIN	0.4100	0.4100
19393	5- 9-14	ALDRIN	0.1600	0.1400
19394	5- 9-14	ALDRIN	0.1500	0.0800 *
F. S. ROYSTER GUANO COMPANY, NORFOLK, VA.				
17743	10-10-15	ALDRIN	0.1500	0.1400
16766	4-16- 4	ALDRIN	0.3100	0.3200
17486	4-16- 4	ALDRIN	0.3100	0.3100
17743	10-10-15	ALDRIN	0.1500	0.1400
18239	5-10-15	ALDRIN	0.1500	0.1900
18379	10-10-15	ALDRIN	0.1500	0.0400 *
19581	5-10-15	ALDRIN	0.1500	0.1500
16999	5-10-15	ALDRIN	0.1500	0.1200 *

Results of Analyses of Insecticides in Fertilizers. An Asterisk Indicates a Deficiency.
An "M" Indicates Misbranded.

SAMPLE NUMBER	GRADE	ELEMENT	GUARANTEE	FOUND
SOUTHERN STATES COOP., INC., LOUISVILLE, KY.				
16676	4-16- 4	ALDRIN	0.3100	0.2700
16699	4-16- 4	ALDRIN	0.3100	0.3400
16868	4-16- 4	ALDRIN	0.3100	0.3300
17058	4-16- 4	ALDRIN	0.3100	0.2500
17060	4-16- 4	ALDRIN	0.3100	0.2500
17067	4-16- 4	ALDRIN	0.3100	0.3500
17068	10-10-10	ALDRIN	0.5000	0.3900 *
17079	6- 6-18	ALDRIN	0.1500	0.1400
17080	4-16- 4	ALDRIN	0.3100	0.3100
17160	4-16- 4	ALDRIN	0.3100	0.2600
17161	10-10-10	ALDRIN	0.5000	0.4200
17346	4-16- 4	ALDRIN	0.3100	0.2900
17420	5-10-15	ALDRIN	0.1500	0.1400
17559	4-16- 4	ALDRIN	0.3100	0.2700
17568	4-16- 4	ALDRIN	0.3100	0.2600
18149	5-10-15	ALDRIN	0.1500	0.1400
18613	8-10-15	ALDRIN	0.1500	0.1200 *
18872	5-10-15	ALDRIN	0.1500	0.1300
19012	10-10-10	ALDRIN	0.5000	0.2800 *
19385	5-10-15	ALDRIN	0.1500	0.1500
SOUTHERN STATES COOP., INC., RUSSELLVILLE, KY.				
16737	4-16- 4	ALDRIN	0.3100	0.2900
16854	5-10-15	ALDRIN	0.1500	0.1600
17567	5-15- 5	ALDRIN	0.5000	0.4000 *
17933	5-15- 5	ALDRIN	0.5000	0.4500
18217	5-10-15	ALDRIN	0.1500	0.1700
18616	5-15- 5	ALDRIN	0.5000	0.4400
SOUTHERN STATES COOP., INC., WINCHESTER, KY.				
17248	4-16- 4	ALDRIN	0.3100	0.3000
17565	4-16- 4	ALDRIN	0.3100	0.2700
17935	6- 6-18	ALDRIN	0.1500	0.1300
18621	8-10-15	ALDRIN	0.1500	0.1500
18873	8-10-15	ALDRIN	0.1500	0.1600

ANALYSES OF PRODUCTS CONTAINING ALDRIN

Registrant Product	Aldrin		Remarks
	Guarantee %	Found %	
E-Z-FLO CHEMICAL COMPANY			
E-Z-Flo Aldrin 4 EC	45.84	45.10	P
Do	45.84	44.70	P
TOBACCO STATES CHEMICAL COMPANY			
Tobacco States 20% Aldrin Granules	20.00	19.90	P
Tobacco States Aldrin Emulsion	41.22	44.60	P
Do	41.22	44.10	P
Do	41.22	44.90	P
Do	41.22	43.50	P
Do	41.22	43.60	P
UNITED CO-OPERATIVES, INC.			
Unico 20% Aldrin Granular	20.00	20.20	P

ANALYSES OF PRODUCTS CONTAINING CARBARYL

Registrant Product	Carbaryl		Remarks
	Guarantee %	Found %	
AG. SUPPLY COMPANY			
"Ag" Sevin 5 Dust	5.00	4.80	P
Do	5.00	5.00	P
Do	5.00	5.30	P
ALLIED CHEMICAL CORPORATION			
Arcadian Sevin 50-W	50.00	50.80	X
BLACK LEAF PRODUCTS COMPANY			
Black Leaf 5% Sevin	5.00	4.90	X
CABELL CHEMICAL COMPANY			
Cabell's Sevin Dust	2.00	2.10	P
CHEVRON CHEMICAL COMPANY			
Ortho Sevin 5 Dust	5.00	4.60	P
Ortho Sevin 50-W	50.00	49.30	P
Do	50.00	47.70	<u>D</u>
Do	50.00	49.30	<u>P</u>
Do	50.00	49.20	P
Do	50.00	47.90	<u>D</u>
Do	50.00	48.30	<u>D</u>
DRAGON CHEMICAL COMPANY			
Blue Dragon Dust	2.00	2.10	P

ANALYSES OF PRODUCTS CONTAINING CARBARYL (Cont'd.)

Registrant Product	Carbaryl		Remarks
	Guarantee %	Found %	
E-Z-FLO CHEMICAL COMPANY E-Z-Flo 5% Sevin Dust	5.00	5.70	P
W. R. GRACE & COMPANY NACO Sevin 5 Dust	5.00	5.00	P
RIGO MANUFACTURING COMPANY Kill-Ko Flea Powder	5.00	4.40	D
Kill-Ko Vegetable Dust	5.00	4.10	D
Do	5.00	5.30	P
Kill-Ko 80% Sevin-W	80.00	81.00	P
SMITH-DOUGLASS DIVISION Sevin 10% Dust	10.00	8.40	DX
Do	10.00	8.50	DX
SOUTHERN STATES COOPERATIVE, INC. S. S. 3% Sevin Dust	3.00	3.10	P
Do	3.00	3.20	P
Do	3.00	3.00	P
Do	3.00	3.30	P
Do	3.00	3.40	P
STAUFFER CHEMICAL COMPANY Stauffer Sevin 4 Flowable	41.80	43.90	P
Do	41.80	45.80	P
TOBACCO STATES CHEMICAL COMPANY Tobacco States 1 3/4% Bean Dust	1.75	1.90	P
Do	1.75	1.90	P
Do	1.75	1.60	P
Tobacco States Vegetable Dust	5.00	5.00	P
Do	5.00	5.10	P
Do	5.00	5.20	P
Do	5.00	4.60	P
Tobacco States 50% Sevin-W	50.00	51.00	P
Do	50.00	51.00	P
UNION CARBIDE CORPORATION Crag Sevin 50-W	50.00	49.30	X
Do	50.00	49.70	P
Do	50.00	50.00	P
Do	50.00	50.00	P
Do	50.00	50.20	P
Crag Sevin Sprayable	80.00	82.90	P
Do	80.00	81.80	P
Do	80.00	82.40	P

ANALYSES OF PRODUCTS CONTAINING CARBARYL (Cont'd.)

Registrant Product	Carbaryl		Remarks
	Guarantee %	Found %	
UNITED CO-OPERATIVES, INC.			
Unico 5% Sevin Dust	5.00	5.00	P
Unico Sevin Spray Powder	50.00	51.30	P
Do	50.00	50.00	P
WOOLFOLK CHEMICAL WORKS, LTD.			
Security Garden Dust	5.00	5.00	P
Do	5.00	6.10	P

ANALYSES OF PRODUCTS CONTAINING DDD (TDE)

Registrant Product	DDD		Remarks
	Guarantee %	Found %	
TOBACCO STATES CHEMICAL COMPANY			
Tobacco States 25% Rothane	24.27	22.30	P
UNITED CO-OPERATIVES, INC.			
Unico TDE Emulsifiable	23.40	24.10	P
Do	23.40	23.40	P

ANALYSES OF PRODUCTS CONTAINING DDT

Registrant Product	DDT		Remarks
	Guarantee %	Found %	
LOUISVILLE CHEMICAL COMPANY			
10% DDT Dust	10.00	10.20	X
RIGO MANUFACTURING COMPANY			
Kill-Ko 25% DDT	25.00	24.70	P
UNITED CO-OPERATIVES, INC.			
Unico DDT E.C.	24.00	24.60	P

ANALYSES OF PRODUCTS CONTAINING DDVP

Registrant Product	DDVP		Remarks
	Guarantee %	Found %	
ALLIED MILLS, INC.			
Wayne Fly Bait	0.46	0.73	P
Do	0.46	0.96	P

ANALYSES OF PRODUCTS CONTAINING DDVP (Cont'd.)

Registrant Product	DDVP		Remarks
	Guarantee %	Found %	
BACON PRODUCTS COMPANY, INC. Flipo Fly Bait	0.50	0.40	X
CENTRAL SOYA Sugar Fly Bait	0.46	0.48	P
E. JOSEPH COSSMAN & COMPANY Cossman Fly Cake	0.25	<u>0.00</u>	<u>D</u>
DIXI CHEM COMPANY Di-Sect Fly Bait	0.50	0.47	P
INDIANA FARM BUREAU COOP. ASSN., INC. New "DDVP" Fly Bait	0.50	0.42	X
LEHIGH CHEMICAL COMPANY, INC. New Expel Fly Cake	0.25	0.25	X
Do	0.25	0.23	X
Do	0.25	0.21	X
RALSTON PURINA COMPANY Purina Fly Checker	0.40	<u>0.00</u>	<u>D</u>
RIGO MANUFACTURING COMPANY Kill-Ko Fly & Mosquito Spray	0.46	0.36	X
Kill-Ko Fly Bait	0.46	0.45	P
Do	0.46	0.54	P
Do	0.46	0.43	P
THOMPSON-HAYWARD CHEMICAL COMPANY De-Pester Dairy Spray	0.92	1.07	P
Nox-Fly Bait	0.46	<u>0.16</u>	<u>DX</u>
UNITED CO-OPERATIVE, INC. DDVP Face Fly Syrup	0.20	<u>0.00</u>	<u>DX</u>
DDVP Fly Syrup	0.05	<u>0.00</u>	<u>DX</u>
WHITMOYER LABORATORIES, INC. Whitmoyer Fly-Stik	0.25	<u>0.13</u>	<u>DX</u>

ANALYSES OF PRODUCTS CONTAINING DIELDRIN

Registrant Product	Dieldrin		Remarks
	Guarantee %	Found %	
E-Z-FLO CHEMICAL COMPANY E-Z-Flo Dieldrin Spray	18.00	18.90	P
Do	18.00	18.00	P

ANALYSES OF PRODUCTS CONTAINING DIELDRIN (Cont'd.)

Registrant Product	Dieldrin		Remarks
	Guarantee %	Found %	
NIAGARA CHEMICAL DIVISION			
Niagara Dieldrin Miscible	18.60	19.90	P
Do	18.60	19.60	P
Niagara Dieldrin 50-W	50.00	53.00	P
RIGO MANUFACTURING COMPANY			
Kill-Ko Bug Bait	1.00	0.87	P
TOBACCO STATES CHEMICAL COMPANY			
Tobacco States Plant Bed Saver	2.50	2.40	P
Do	2.50	2.20	P
Tobacco States Dieldrin Emulsion	17.60	18.80	P
Do	17.60	18.90	P
UNITED CO-OPERATIVE, INC.			
Unico Dieldrin Granules	5.00	6.10	P
Unico Dieldrin Emulsifiable	17.50	21.50	P
Do	17.50	19.60	P

ANALYSES OF PRODUCTS CONTAINING FERBAM

Registrant Product	Ferbam		Remarks
	Guarantee %	Found %	
CHEVRON CHEMICAL COMPANY			
Ortho Ferbam 76	76.00	75.20	P
Do	76.00	75.60	P
E-Z-FLO CHEMICAL COMPANY			
E-Z-Flo Ferbam 76	76.00	79.80	P
Do	76.00	74.00	P
E. I. DUPONT DE NEMOURS & COMPANY, INC.			
DuPont Fermate	76.00	75.40	P
Do	76.00	76.40	P
NIAGARA CHEMICAL DIVISION			
Niagara Carbamate	76.00	78.60	P
STAUFFER CHEMICAL COMPANY			
Stauffer Ferbam 76-WP	76.00	76.20	P
Do	76.00	76.20	P
Do	76.00	75.70	P
TOBACCO STATES CHEMICAL COMPANY			
Tobacco States Fermate Dust	10.50	9.50	D
Do	10.50	10.80	P
Do	10.50	10.20	P

ANALYSES OF PRODUCTS CONTAINING MALATHION

Registrant Product	Malathion		Remarks
	Guarantee %	Found %	
AG. SUPPLY COMPANY "Ag" Malathion-EM	55.00	54.20	P
ARMOUR AGRICULTURAL CHEMICAL COMPANY Armagard Malathion 5-EC	55.75	59.90	P
Do	55.75	59.70	P
Do	55.75	60.40	P
Do	55.75	61.00	P
CHEVRON CHEMICAL COMPANY Ortho Malathion 5 Emulsive XB	55.00	58.70	P
Do	55.00	58.30	P
Do	55.00	57.30	P
Do	55.00	58.90	P
Do	55.00	55.20	P
E-Z-FLO CHEMICAL COMPANY E-Z-Flo Alfalfa Weevil Control	55.00	58.80	P
E-Z-Flo Malathion 5-E	56.50	57.30	P
Do	56.50	58.40	P
W. R. GRACE & COMPANY Naco Malathion 5-EC	57.00	57.00	P
Do	57.00	57.40	P
GULF OIL CORPORATION Gulf Malathion 5-E	56.00	58.90	P
NIAGARA CHEMICAL DIVISION Niagara Malathion 5 Miscible	56.00	58.40	P
STAUFFER CHEMICAL COMPANY Stauffer Malathion 5-E	56.00	56.50	P
Do	56.50	55.90	P
Do	56.00	57.00	P
Do	56.00	56.50	P
Do	56.00	55.40	P
TOBACCO STATES CHEMICAL COMPANY Tobacco States 50% Malathion EC	50.00	54.90	P
Do	50.00	53.30	P
Do	50.00	55.00	P
Do	50.00	52.60	P
UNITED CO-OPERATIVE, INC. Unico Malathion 5l Spray	51.30	52.40	P
Do	51.30	52.10	P
Unico Malathion 5-EC	54.80	57.20	P
Do	57.00	58.50	P
Do	57.00	57.60	P
Do	57.00	57.70	P

ANALYSES OF PRODUCTS CONTAINING MANEB

Registrant Product	Maneb		Remarks
	Guarantee %	Found %	
AG. SUPPLY COMPANY			
"Ag" Maneb Fungicide	80.00	82.20	P
Do	80.00	81.20	P
E. I. DUPONT DE NEMOURS & COMPANY, INC.			
DuPont Manzate	70.00	77.00	P
Do	80.00	80.20	P
Do	80.00	78.30	P
Do	80.00	60.30	D
Do	80.00	83.10	P
DuPont Manzate D	80.00	79.90	P
Do	80.00	83.80	P
Do	80.00	83.40	P

ANALYSES OF PRODUCTS CONTAINING METHOXYCHLOR

Registrant Product	Methoxychlor		Remarks
	Guarantee %	Found %	
E. I. DUPONT DE NEMOURS & COMPANY, INC.			
DuPont Dairy Cattle Insecticide	50.00	49.90	P
Do	50.00	48.50	P
DuPont Marlata 2-MR	24.00	23.80	P
DuPont Marlata 50	50.00	48.60	P
GEIGY AGRICULTURAL CHEMICALS			
Geigy Methoxychlor 25-E	25.00	24.90	P
W. R. GRACE & COMPANY			
Naco Methoxychlor 25-EC	25.00	24.50	X
STAUFFER CHEMICAL COMPANY			
Stauffer Methoxychlor 2-EH	24.00	23.20	P
Do	24.00	23.30	P
TOBACCO STATES CHEMICAL COMPANY			
Tobacco States 24% Methoxychlor EC	24.00	25.50	P
Do	24.00	25.50	P
Do	24.00	25.00	P
Do	24.00	24.10	P
Do	24.00	19.50	D
UNITED CO-OPERATIVES, INC.			
Unico Methoxychlor EC	23.80	22.70	P
Do	23.80	23.80	P
Do	23.80	24.10	P
Do	23.80	23.50	P

ANALYSES OF PRODUCTS CONTAINING MH-30

Registrant Product	MH-30		Remarks
	Guarantee %	Found %	
UNIROYAL CHEMICAL DIVISION			
MH-30	30.00	30.92	P
Do	30.00	30.49	P
Do	30.00	30.42	P
Do	30.00	30.39	P
Do	30.00	30.41	P
Do	30.00	30.23	P
Do	30.00	30.30	P
Do	30.00	30.36	P
Do	30.00	30.39	P
Do	30.00	30.45	P
Do	30.00	30.39	P
Do	30.00	30.45	P
Do	30.00	29.55	P
Do	30.00	30.42	P
Do	30.00	30.48	P
Do	30.00	30.42	P
Do	30.00	30.53	P
Do	30.00	30.59	P
Do	30.00	30.58	P
Do	30.00	30.39	P
Do	30.00	30.88	P
Do	30.00	30.67	P
Do	30.00	30.69	P
Do	30.00	30.59	P
Do	30.00	30.39	P
Do	30.00	30.31	P
Do	30.00	31.07	P
Do	30.00	30.34	P

ANALYSES OF PRODUCTS CONTAINING SODIUM HYPOCHLORITE

Registrant Product	Sodium Hypochlorite		Remarks
	Guarantee %	Found %	
BABSON BROTHERS COMPANY			
Surge Zinicin	12.50	11.20	P
Do	12.50	4.73	D
Do	12.50	1.90	D
THE CALVERT CHEMICAL COMPANY			
Sun Fresh Bleach	5.25	4.30	DX
Do	5.25	5.86	X
Do	5.25	4.76	X
Do	5.25	5.90	X

ANALYSES OF PRODUCTS CONTAINING SODIUM HYPOCHLORITE (Cont'd.)

Registrant Product	Sodium Hypochlorite		Remarks
	Guarantee %	Found %	
THE CLOROX COMPANY			
Clorox Bleach	5.25	5.50	P
Do	5.25	5.30	P
Do	5.25	5.50	P
Do	5.25	5.40	P
Do	5.25	5.49	P
Do	5.25	5.22	P
Do	5.25	4.94	P
Do	5.25	5.30	P
Do	5.25	5.22	P
Do	5.25	5.79	P
Do	5.25	5.28	P
Do	5.25	5.36	P
Do	5.25	5.86	P
Do	5.25	5.44	P
Do	5.25	5.42	P
COLONIAL STORES, INC.			
3D Bleach	5.25	6.00	P
CUMBERLAND MANUFACTURING COMPANY			
Bri-Tex Bleach	5.25	<u>3.88</u>	<u>D</u>
Do	5.25	<u>4.60</u>	<u>D</u>
Do	5.25	<u>3.80</u>	<u>D</u>
THE DELAVAL SEPARATOR COMPANY			
DeLaval Chlorine Sanitizer	6.00	<u>4.23</u>	<u>D</u>
Do	6.00	<u>4.42</u>	<u>D</u>
DIAMOND ALKALI COMPANY			
Dynaklor	5.30	<u>4.30</u>	<u>DX</u>
EATON'S DAIRY SUPPLY			
Sodium Hypochlorite Solution	15.00	<u>9.66</u>	<u>DX</u>
FRONTIER CHEMICALS, INC.			
Clor-San	10.02	10.10	X
Do	10.02	<u>4.31</u>	<u>DX</u>
THE GREAT ATLANTIC & PACIFIC TEA CO.			
Bright Sail Bleach	5.25	5.35	P
Do	5.25	5.11	P
Do	5.25	5.33	P
Do	5.25	5.12	P
Do	5.25	5.50	P
Do	5.25	5.50	P
HOUCHENS			
Our Special Bleach	5.25	<u>4.64</u>	<u>D</u>

ANALYSES OF PRODUCTS CONTAINING SODIUM HYPOCHLORITE (Cont'd.)

Registrant Product	Sodium Hypochlorite		Remarks
	Guarantee %	Found %	
INDEPENDENT GROCERS ALLIANCE DISTRIBUTING CO.			
I.G.A. Bleach	5.25	5.25	P
Do	5.25	5.13	P
Do	5.25	5.07	P
CARL KASTER COMPANY			
Hy-Clor Bactericide	5.00	2.66	D
Hy-Clor Disinfectant	10.00	1.22	D
Do	10.00	6.92	D
KLENZADE PRODUCTS DIVISION			
Klenzade X4 Bactericide	6.40	5.89	P
Do	6.40	6.46	P
Do	6.40	5.30	D
Klenzade XY-12 Disinfectant	10.20	6.73	D
Do	10.20	7.29	D
Do	10.20	8.56	D
Do	10.20	10.57	P
Do	10.20	8.25	D
THE KROGER COMPANY			
Kandu Bleach	5.25	5.53	P
MEYER-BLANKE COMPANY			
"Em-Bee CL-8"	8.40	5.16	DX
NOVEL WASH COMPANY			
Novel Wash Super Bleach	6.00	4.91	D
Do	6.00	4.90	D
Do	6.00	4.60	D
PENNSALT CHEMICAL CORPORATION			
B.K Liquid Bactericide	5.25	5.24	P
Do	5.25	5.23	P
Do	5.25	4.37	D
Do	5.25	5.45	P
Do	5.25	5.70	P
PUREX CORPORATION, LTD.			
Purex Super Bleach	6.00	5.73	P
Do	6.00	6.30	P
Do	6.00	6.30	P
Do	6.00	6.30	P
Do	6.00	6.70	P
Do	6.00	4.70	D
Do	6.00	5.75	P
Do	6.00	5.75	P
Do	6.00	6.08	P
Do	6.00	5.73	P
Do	6.00	5.88	P
Do	6.00	5.16	D

ANALYSES OF PRODUCTS CONTAINING SODIUM HYPOCHLORITE (Cont'd.)

Registrant Product	Sodium Hypochlorite		Remarks
	Guarantee %	Found %	
PUREX CORPORATION, LTD. (Cont'd.)			
Purex Super Bleach	6.00	6.17	P
Do	6.00	6.34	P
Do	6.00	6.07	P
Do	6.00	6.19	P
Do	6.00	5.74	P
C. B. RAGLAND & COMPANY			
Lucky Lady Bleach	5.25	4.75	P
Do	5.25	5.29	P
ROMAN CLEANSER COMPANY			
Roman Cleanser Bleach	5.25	5.53	P
SAPO ELIXIR CHEMICAL COMPANY			
Sapo Brand Bleach	5.25	5.0	P
SEP-KO CHEMICALS, INC.			
Monoklor	8.85	<u>7.95</u>	<u>D</u>
Do	8.85	<u>4.47</u>	<u>D</u>
Do	8.85	<u>5.81</u>	<u>D</u>
THE SINCLAIR MANUFACTURING COMPANY			
White Monday Bleach	5.25	5.48	P
Do	5.25	5.43	P
Do	5.25	5.47	P
UNIVERSAL MILKING MACHINE DIVISION			
Universal Chlor-O-San	6.40	6.06	P
Do	6.40	<u>0.00</u>	<u>D</u>
Do	6.40	<u>5.07</u>	<u>D</u>
Do	6.40	<u>7.27</u>	<u>P</u>
Do	6.40	<u>5.38</u>	<u>D</u>
Do	6.40	<u>6.16</u>	<u>P</u>
Do	6.40	6.83	P
Do	6.40	<u>3.97</u>	<u>D</u>
Do	6.40	<u>5.78</u>	<u>P</u>
Do	6.40	6.04	P
Do	6.40	6.84	P
Do	6.40	6.10	P
Do	6.40	6.01	P
Do	6.40	0.26	D
Do	6.40	<u>1.93</u>	<u>D</u>
Do	6.40	<u>5.61</u>	<u>D</u>
Do	6.40	<u>5.34</u>	<u>D</u>
Do	6.40	<u>2.24</u>	<u>D</u>
Do	6.40	<u>5.41</u>	<u>D</u>
Do	6.40	<u>5.69</u>	<u>D</u>
Do	6.40	<u>4.50</u>	<u>D</u>
Do	6.40	<u>0.00</u>	<u>D</u>

ANALYSES OF PRODUCTS CONTAINING SODIUM HYPOCHLORITE (Cont'd.)

Registrant Product	Sodium Hypochlorite		Remarks
	Guarantee %	Found %	
UNIVERSAL MILKING MACHINE DIVISION (Cont'd.)			
Universal Chlor-O-San	6.40	<u>4.71</u>	<u>D</u>
Do	6.40	<u>5.37</u>	<u>D</u>
Do	6.40	<u>5.51</u>	<u>D</u>
Do	6.40	<u>5.37</u>	<u>D</u>
Do	6.40	<u>5.31</u>	<u>D</u>
Do	6.40	<u>5.92</u>	<u>P</u>
Do	6.40	<u>5.76</u>	<u>D</u>
Do	6.40	<u>6.02</u>	<u>P</u>
Do	6.40	<u>5.94</u>	<u>P</u>
Do	6.40	<u>4.49</u>	<u>D</u>
Do	6.40	<u>5.35</u>	<u>D</u>
Do	6.40	<u>4.23</u>	<u>D</u>
Do	6.40	<u>3.79</u>	<u>D</u>
Do	6.40	<u>5.38</u>	<u>D</u>
Do	6.40	<u>5.59</u>	<u>D</u>
Do	6.40	<u>5.44</u>	<u>D</u>
Do	6.40	<u>4.71</u>	<u>D</u>
Do	6.40	<u>6.20</u>	<u>P</u>
Do	6.40	<u>6.40</u>	<u>P</u>
Do	6.40	<u>6.50</u>	<u>P</u>
Do	6.40	<u>5.20</u>	<u>D</u>
Do	6.40	<u>5.20</u>	<u>D</u>
Do	6.40	<u>2.90</u>	<u>D</u>
Do	6.40	<u>3.40</u>	<u>D</u>
Do	6.40	<u>3.90</u>	<u>D</u>
Do	6.40	<u>4.00</u>	<u>D</u>
Do	6.40	<u>3.90</u>	<u>D</u>
Do	6.40	<u>3.05</u>	<u>D</u>
Do	6.40	<u>5.09</u>	<u>D</u>
Do	6.40	<u>5.20</u>	<u>D</u>
Do	6.40	<u>5.90</u>	<u>P</u>
Do	6.40	<u>3.40</u>	<u>D</u>
Do	6.40	<u>5.70</u>	<u>D</u>

ANALYSES OF PRODUCTS CONTAINING ZINEB

Registrant Product	Zineb		Remarks
	Guarantee %	Found %	
CHEVRON CHEMICAL COMPANY			
Ortho Zineb Wettable	75.00	75.20	P
Do	75.00	75.00	P
E. I. DUPONT DE NEMOURS & COMPANY			
DuPont Parzate	65.00	63.10	P
DuPont Parzate C	75.00	76.20	P

ANALYSES OF PRODUCTS CONTAINING ZINEB (Cont'd.)

Registrant Product	Zineb		Remarks
	Guarantee %	Found %	
NIAGARA CHEMICAL DIVISION			
Niagara Zineb 75-WP	75.00	75.10	P
Do	75.00	74.70	P
SOUTHERN STATES COOPERATIVE, INC.			
S. S. Z Dust	5.20	5.90	P
Do	5.20	5.60	P
Do	5.20	5.90	P
STAUFFER CHEMICAL COMPANY			
Stauffer Zineb 75-W	75.00	82.00	P
Do	75.00	73.30	P
TOBACCO STATES CHEMICAL COMPANY			
Tobacco States 75% Zineb WP	75.00	74.00	P
Do	75.00	69.10	D

ANALYSES OF PRODUCTS CONTAINING MIXTURES OF PESTICIDES

Registrant Product	Guaranteed %	Found %	Remarks
AG. SUPPLY COMPANY			
"Ag" Cucumber Dust	7.0	6.3	P
Maneb	1.0	*	
Lindane			
"Ag" Plant Bed Dust	5.0	5.0	P
Zineb	10.0	*	
DDT			
Do	5.0	4.5	P
Do	10.0	*	
Do			
Do	5.0	4.6	P
Do	10.0	*	
Do			
Do	5.0	5.1	P
Do	10.0	*	
Do			
"Ag" Triple Action Vegetable Dust	5.0	4.8	P
Zineb	2.0	*	
Carbaryl	1.0	*	
Rotenone			
ALLIED MILLS, INC.			
Wayne Rat & Mouse Killer	0.025	0.03	P
Sulfaquinoxaline	0.025	*	
Warfarin			
BACON PRODUCTS, INC.			
Eagle's-7	0.025	0.025	P
Sulfaquinoxaline	0.025	*	
Warfarin			
W. M. COOPER & NEPHEWS, INC.			
Cooper Rat & Mouse Killer	0.025	0.028	P
Sulfaquinoxaline	0.025	*	
Warfarin			
E. I. DUPONT DE NEMOURS & CO., INC.			
DuPont Fruit Tree Spray	15.2	15.0	P
Ferbam	12.5	*	
Methoxychlor	24.2	*	
Sulfur			
E-Z-FLO CHEMICAL COMPANY			
E-Z-Flo Special Pickle Dust	6.4	6.3	P
Maneb	1.0	*	
Lindane			
GEIGY AGRICULTURAL CHEMICALS			
Geigy Alfa-Tox	20.0	21.1	P
Methoxychlor	10.0	*	
Diazinon			

ANALYSES OF PRODUCTS CONTAINING MIXTURES OF PESTICIDES (Cont'd.)

Registrant Product	Guaranteed %	Found %	Remarks
GEIGY AGRICULTURAL CHEMICALS (Cont'd.)			
Geigy Alfa-Tox			
Methoxychlor	20.0	20.3	P
Diazinon	10.0	*	
Do			
Do	20.0	20.9	P
Do	10.0	*	
Do			
Do	20.0	20.8	P
Do	10.0	*	
Do			
Do	20.0	20.0	P
Do	10.0	*	
Do			
Do	20.0	21.8	P
Do	10.0	*	
Do			
Do	20.0	21.4	P
Do	10.0	*	
Do			
Do	20.0	20.8	P
Do	10.0	*	
Do			
Do	20.0	20.1	P
Do	10.0	*	
Do			
Do	20.0	21.2	P
Do	10.0	*	
Do			
Do	20.0	20.7	P
Do	10.0	*	
Do			
Do	20.0	21.7	P
Do	10.0	*	
Do			
Do	20.0	20.6	P
Do	10.0	*	
HESS & CLARK			
Warfarat			
Sulfaquinoxaline	0.025	0.021	P
Warfarin	0.025	*	
HOT SHOT QUALITY PRODUCTS, INC.			
Hot Shot Fly Bait			
DDVP	0.5	<u>0.24</u>	<u>D</u>
Malathion	1.0	*	
DR. LEGEAR, INC.			
Dr. LeGear Mouse Bait			
Sulfaquinoxaline	0.025	0.025	P
Warfarin	0.025	*	

ANALYSES OF PRODUCTS CONTAINING MIXTURES OF PESTICIDES (Cont'd.)

Registrant Product	Guaranteed %	Found %	Remarks
DR. LEGEAR, INC. (Cont'd.)			
Dr. LeGear Mouse Bait	0.025	0.027	P
Sulfaquinoxaline	0.025	*	
Warfarin			
PROCTER & GAMBLE			
Comet	0.4	0.5	P
Sodium Hypochlorite	12.9	*	
Trisodium Phosphate	1.9	*	
Dodecyl Benzene Sulfonate			
Do	0.4	0.5	P
Do	12.9	*	
Do	1.9	*	
Do			
Do	0.4	0.5	P
Do	12.9	*	
Do	1.9	*	
Do			
Do	0.4	0.5	P
Do	12.9	*	
Do	1.9	*	
Do			
Do	0.4	0.5	P
Do	12.9	*	
Do	1.9	*	
Do			
Do	0.4	0.5	P
Do	12.9	*	
Do	1.9	*	
Do			
RALSTON PURINA COMPANY			
Purina Fly Bait	0.23	0.26	P
DDVP	0.25	*	
Dipterex			
Do	0.23	0.22	P
Do	0.25	*	
Do			
Do	0.23	0.31	P
Do	0.25	*	
Do			
Do	0.23	0.29	P
Do	0.25	*	
Do			
Do	0.23	0.29	P
Do	0.25	*	
Do			
Do	0.23	0.27	P
Do	0.25	*	
Do			

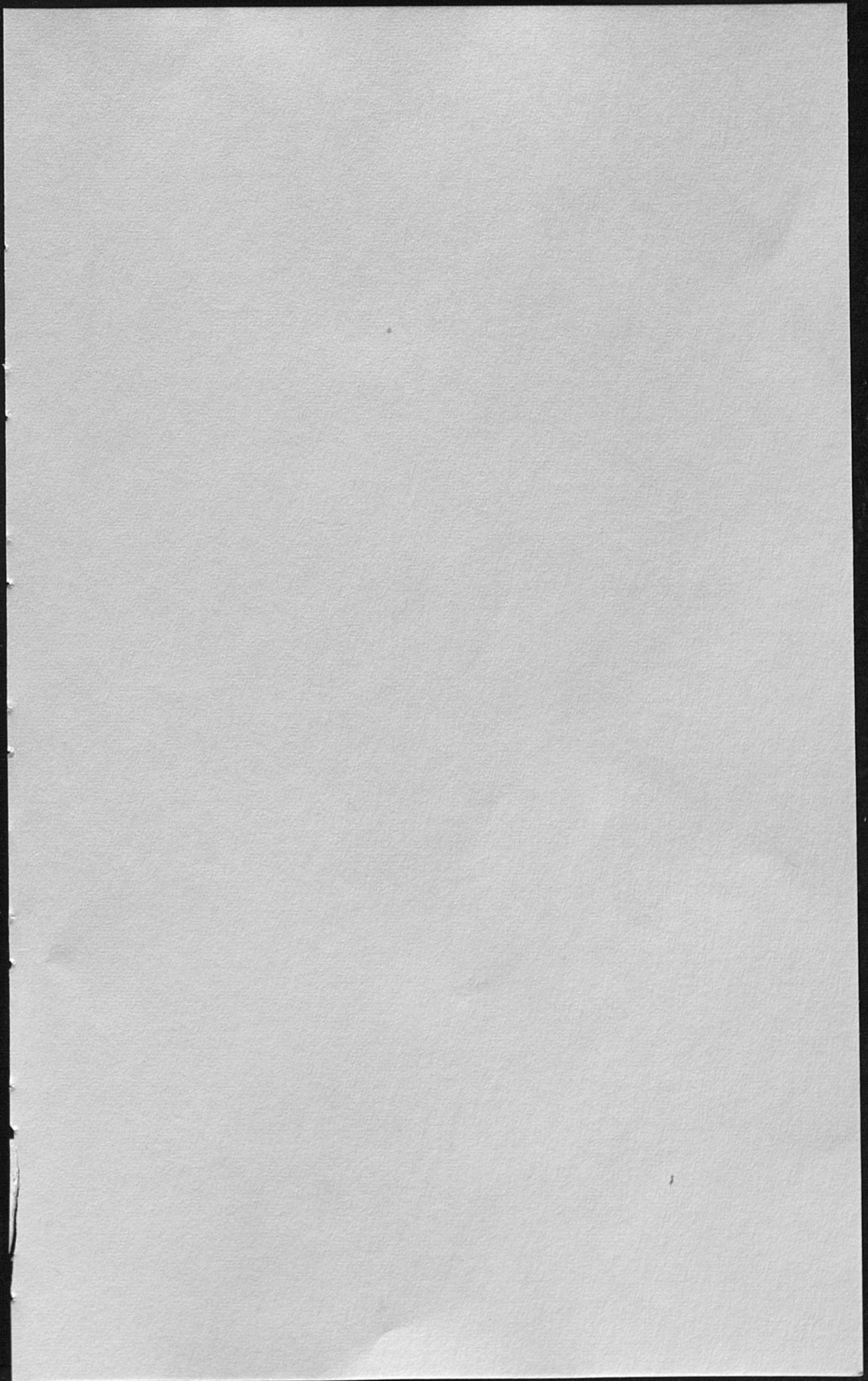
ANALYSES OF PRODUCTS CONTAINING MIXTURES OF PESTICIDES (Cont'd.)

Registrant Product	Guaranteed %	Found %	Remarks
RALSTON PURINA COMPANY (Cont'd.)			
Purina Fly Checker			
DDVP	0.23	0.21	P
Dipterex	0.25	*	
Do			
Do	0.23	<u>0.05</u>	<u>D</u>
Do	0.25	*	
Do			
Do	0.23	0.22	P
Do	0.25	*	
Do			
Do	0.23	0.21	P
Do	0.25	*	
RIGO MANUFACTURING COMPANY			
Kill-Ko 3 In 1 Garden Dust			
Carbaryl	1.75	1.80	P
Captan	4.00	*	
Methoxychlor	5.00	*	
Do			
Do	1.75	1.5	P
Do	4.00	*	
Do	5.00	*	
DR. ROBERTS LABORATORIES, INC.			
Dr. Roberts Fly-Die Spray			
DDVP	0.5	0.59	X
Piperonyl Butoxide	0.25	*	
Pyrethrins	0.025	*	
SHELL CHEMICAL COMPANY			
Shell Ciovap Insecticide			
DDVP	0.23	0.22	P
Ciodrin	1.00	*	
Do			
Do	0.23	0.23	P
Do	1.00	*	
SOUTHERN STATES COOPERATIVE, INC.			
Statesman Sevin Zineb Dust			
Carbaryl	3.0	3.0	P
Zineb	5.2	*	
Do			
Do	3.0	*	
Do	5.2	5.6	P
Do			
Do	3.0	*	
Do	5.2	5.0	P
Do			
Do	3.0	*	
Do	5.2	5.4	P

ANALYSES OF PRODUCTS CONTAINING MIXTURES OF PESTICIDES (Cont'd.)

Registrant Product	Guaranteed %	Found %	Remarks
SOUTHERN STATES COOPERATIVE, INC. (Cont'd.)			
Statesman MZ Dust			
Zineb	5.2	5.4	P
Methoxychlor	5.0	*	
TOBACCO STATES CHEMICAL COMPANY, INC.			
Tobacco States 8-1 Cuke Dust			
Maneb	6.4	<u>4.1</u>	<u>D</u>
Lindane	1.0	*	
Do			
Do	6.4	5.8	P
Do	1.0	*	
Tobacco States Potato Spray			
Zineb	13.0	<u>11.5</u>	<u>D</u>
DDT	10.0	*	
UNITED CO-OPERATIVES, INC.			
Unico Py-Vona Stock Fly Spray			
DDVP	0.18	0.23	P
Piperonyl Butoxide	0.25	*	
Pyrethrins	0.03	*	
Do			
Do	0.18	0.23	P
Do	0.25	*	
Do	0.03	*	
Do			
Do	0.18	0.16	P
Do	0.25	*	
Do	0.03	*	
Unico Rat & Mouse Killer			
Sulfaquinoxaline	0.025	0.023	P
Warfarin	0.025	*	
Do			
Do	0.025	0.025	P
Do	0.025	*	
Do			
Do	0.025	0.026	P
Do	0.025		
Do			
Do	0.025	0.026	P
Do	0.025	*	

* Product not analyzed for this ingredient.



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