

ILLINOIS PESTICIDE PROFILE

E.P.A. REGION V

PESTICIDES BRANCH

August 1973

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Acknowledgement

Appreciation is gratefully extended to the Lead Agencies, State Departments of Agriculture, State EPA, Departments of Natural Resources, and other State and Federal Agencies for providing information in this (first) draft of the Pesticide Profile.

The individuals included in this Profile, and others, also contributed valuable information for which gratitude is sincerely extended.

In some cases the situation analyses in Section III were made by the various State and Federal contributors, in others the evaluations are the Technical Services Coordinator's or staff.

We are circulating a limited number of the Pesticide Profile for your review; we want your comments, corrections, and additions.

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AUGUST 1973

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- (1) Laws Relating to Feeds-Fertilizers Economic Poisons with Regulations
- (2) Pesticide Use (Laws) In Illinois
- (3) Illinois Tree Expert Act
- (4) The Insect, Pest & Plant Disease Act
- (5) Illinois Pesticide Use by Illinois Farmers - 1971
- (6) Pesticides Control Law

ILLINOIS PESTICIDE PROFILE

PART I

August 1973

A. SYNOPSIS OF STATE PESTICIDE AUTHORITIES -(ILLINOIS)

Custom Application of Pesticides

(Ill. Ann. St. (1966), ch. 5, s 87 (d) (1) et seq.)

Unlawful to engage in custom application of pesticides unless licensed by the Director of the Department of Agriculture.

Exemptions

Structural pest control operators, fumigators, governmental bodies, tree experts, farmers, canning establishments, veterinarians in practice, farmer or grower applying pesticides to not more than two neighbors land each year and general pest control operators (nuisance pests or disease vectors). License fee \$25.00. Must pass (written) examination.

If found qualified, applicant shall be issued license valid for one year from date of issue, renewable w/o examination if fee paid and valid bond in effect.

Director may restrict licensee to the use of certain types of material or equipment. Director may revoke license for statutory reasons, but must provide administrative hearings and appeal procedures.

Nonresidents are required to pass the examination annually.

"Reasonable performance bond" (\$3,000) required, or a deposit of cash or collateral (\$6,000) in lieu of bond.

Amendments to Custom Applications of Pesticide Law

A Pesticide Applicators License is issued to a owner or operator of a custom applicator business that applies pesticides (to property of another) outside of structures (PCO not covered). A pesticide operator's license is issued to an employee supervised by an applicator. The fees are \$25 for an Applicator and \$10 for an operator. No bond is required for an operator; Applicators Bond is \$3,000. Cash, or collateral may be substituted for bond. Reciprocity is applicable.

Interagency Committee on Pesticides

(Ill. Ann. St. (1965), ch. 5, s 271 to 276)

(Outlined in Appendix - item No. 4)

Use and Application of 2, 4-D and Related Herbicides

(Ill. Ann. St. (1966), ch. 5, s 87(a) (1) to 87(a) (8))

Provides that county boards, or 10 or more commercial fruit or vegetable producers, may petition the Director of Agriculture, who may, upon the finding of certain facts, restrict or prohibit the use of hormone-type herbicides in the area set out in the petition.

"Economic Poison Law"

(Ill. Ann. St. (1966), ch. 5, s 87 (c) (1) to 87 (c) (13))

Requires the registration and labeling of economic poisons (exempts pesticides properly registered under the USDA-FIFRA).

Amendment to Economic Poison Law

House Bill No. 3785 (Public Act 77-2168, Laws 1972) approved Aug. 2, 1972, amends three sections of the State pesticide registration law.

Under the section on definitions, the terms "household substances", "package", and "special packaging" have been added. "Special packaging" has significance under both the "Economic Poison Law" and the "Illinois Poison Prevention Packaging Act".

The practical effect of this amendment is to make household pesticides subject to safe packaging standards (i.e., "significantly" difficult for children under 5 years of age to open, but not difficult for normal adults).

Authority exists to adopt Federal standards established under the Federal "Poison Prevention Packaging Act" (1970), and to bring the State and Federal laws into relative uniformity.

"Pesticides Control Law"

(Ill. Ann. St. (1969), ch. 5, s 256 to 267)

The act authorizes the Director of the Department of Agriculture or the Director of the Department of Public Health to issue regulations relating to labeling, sale, use or application

of pesticides, and when approved by the Interagency Committee on Pesticides, to restrict or prohibit the use and application of a pesticide.

Tree Experts

(Ill. Ann. St. (1967), ch. 5, a 163 et seq.)

The act requires examination, licensing and regulation of persons who diagnose, recommend treatment, or provide care for ornamental or shade trees.

"Pest Control Compact"

(Ill. Ann. St. (1968), ch. 5, s 281)

An act to provide financial assistance for timely and coordinated effort of neighborhood States in conducting effective pest control activities when the State is threatened by pest outbreaks (from within or without) of more than local concern. Provides for an "insurance fund" with contributions from members of the compact, from which funds can be withdrawn for financial support of pest control or eradication activities. Provides for a governing body and a formula by states for contribution to the insurance fund. Law becomes operative when enacted by 5 or more states.

"The Insect Pest and Plant Disease Act"

(Ill. Ann. St. (1966), ch. 5 s 61 et seq.)

Primarily a nursery inspection and pest quarantine act.

Amendments of 1969 authorize the Department of Agriculture to

prohibit in quarantined areas farm practices favorable to the development of pests, and to require certain crop disposal practices or crop treatments to control or eradicate pests.

"Uniform Hazardous Substances Act of Illinois"

(Ill. Ann. St. (1959), ch. 111 1/2, s 251 to 266 (a))
Relates to "household type" chemicals and exempts economic poisons registered under the USDA Federal Insecticide, Fungicide, and Rodenticide Act. (Historical note - An act to regulate the sale of Paris Green was approved April 22, 1907, and repealed in 1967).

"Environmental Protection Act"

(Ill. Ann. St. (1966), ch. 11 1/2, s 1001 to 1051)

Noxious Weed Law (1972)

The new "Weed" Law repeals the "Canada Thistles and Other Weeds Act" of 1872. Law became effective July 1, 1972 - it allows county authorities, by referendum, to set and levy a tax for control of noxious weeds. Specific noxious weeds are designated by Director of Department of Agriculture, Dean College Agriculture and Director of Agricultural Experiment Station.

(Please refer to Attachment List for more information.)

B. LEGISLATIVE DEFICIENCIES

There are no legislative deficiencies. The provisions of the Illinois Pesticide Control Law are broad enough to give the Department of Agriculture or Department of Public Health, the authority to require any person applying pesticides in the State of Illinois, to meet specific (legal) requirements. The Lead Agency will coordinate and approve drafting of regulations requiring certification of private applicators.

Commercial applicators are currently trained and tested for competency before licenses are issued.

C. TIMETABLE FOR ENABLING LEGISLATION

There is no need to establish a legislative timetable because the Pesticide Control Law is broad enough to give authority for promulgating regulations requiring certification and training of applicators.

Please refer to Legislative Deficiencies, Part I, section B, for more information.

D. INDEX OF STATE AGENCIES WITH PESTICIDE RESPONSIBILITIES

1. Illinois Department of Conservation

Division of Wildlife Resources

400 S. Spring Street

Springfield, Illinois 62706

a. Scope of Responsibilities

The Division of Wildlife completed its first full year under the present title. They are responsible for stewardship of the wildlife resources on Illinois private and public lands.

b. Key Contact

Mr. George C. Arthur

Chief Waterfowl Biologist

217-549-6384

c. Manpower and Funding

(1) Manpower

There are 150 employees in the Division.

However, only about 3 are involved in pesticide programs.

(2) Funding

The budget related to the 800 acres of no-till corn is approximately \$25,000.

d. Operational (pesticide) Programs and Commitments

The Department uses atrazine and paraquat for no-till corn in Southern Illinois on approximately 800 acres, and they cooperate in the Federal Aid Pesticides use program. The Department reports program results to the Federal Working Group on Pest Management. A list of Pesticides is included in the appendix.

2. Illinois Department of Agriculture

Division of Plant Industry (Regulatory)

Emmerson Building

Springfield, Illinois 62706 Telephone 8-217-549-3817

a. Scope of Responsibilities

The Division of Plant Industry maintains five field men (Weed and Pesticide Control Advisors) and one administrative supervisor. The group has three basic responsibilities, (a) for regulating and enforcing laws related to the use and application of pesticides, (b) prevention, control and eradication of noxious weeds and (c) testing and licensing of custom spray applicators.

The Weed and Pesticide Section of the Division of Plant Industry is responsible for administering the Illinois Custom or Public Application of Pesticides Act and the 2, 4-D and Related Herbicide Act. In addition, this section assists and advises County Weed Superintendents under the Illinois Noxious Weed Law.

b. Key Contact

(1) Kenneth Hayes, Superintendent

Division of Plant Industry

- (2) Juett C. Hogancamp
Weed & Pesticide Control Adviser III (Supervisor)

c. Manpower and Funding

- (1) Manpower

- (a) James Hamilton
Weed & Pesticide Control Adviser I
(N.E. Illinois)

- (b) Robert DeNeal
Weed & Pesticide Control Adviser II
(S.E. Illinois)

- (c) Phillip Miatke
Weed & Pesticide Control Adviser I
(N.W. Illinois)

- (d) Roy Basler, Jr.
Weed & Pesticide Control Adviser II
(S.W. Illinois)

- (e) James Killian
Weed & Pesticide Control Adviser II
(Central Illinois)

- (2) Funding

The annual budget is \$678,000 for the Division,

but the regulatory section is allotted \$120,000. The balance of the funds, \$458,000, goes to seed testing and horticultural inspection. In addition to the \$120,000 received by the regulatory section from the state budget, fees for licenses amounted to \$68,000. However, the \$68,000 goes into the general fund.

d. Operational Programs and Commitments

The regulatory section is committed to carrying out the provisions of the following laws:

- (1) Custom Application Law
- (2) Use and Application of 2, 4-D and Related Herbicides
- (3) Pesticide Control Law
- (4) Certification of Applicators
 - (a) Training

A series of twenty-one training sessions were conducted for persons engaged in the application of pesticides by the University of Illinois Extension Specialists and the Department of Agriculture, Division of Plant Industry personnel; approximately

5,000 persons were trained.

(b) Certification

Written examinations, for persons desiring a license, were given at the conclusion of each meeting. Four thousand two hundred licenses had been issued as of 30 June 1972. This total includes new applicants, as well as those renewing from the previous year.

3. Department of Agriculture

Division of Feeds, Fertilizers and Standards

Fairgrounds

Springfield, Illinois 62706

a. Scope of Responsibilities

The Illinois Division of Feeds, Fertilizers, and Standards registers, samples and analyzes pesticides in enforcing the State Economic Poison Law. During fiscal year 1972, one hundred fifty-one pesticide samples were taken and 336 analyses were made. Fees collected for registration of 4,772 products amounted to \$23,670. Forty field inspectors are maintained by the Division. Action has been initiated to transfer pesticide registration to the Division of Plant Industry, Weed and Pesticide Section.

All chemicals used to control insects, weeds, rodents, pest animals, or plants must be registered and labeled in accordance with the economic poison law of Illinois. The State Department of Agriculture sets the standards for registration, and every economic poison must be registered in the State before it can be sold.

The Department also has regulations on the sale of these poisons. Each one must be marked in the original

unbroken container and labeled with the name of the manufacturer, brand, weight and content. The word "poison" and a skull and crossbones prominently displayed on a red label must be included if the material is highly dangerous to man. There must also be a notation of an antidote for the particular chemicals involved.

It is unlawful to sell economic poisons that do not produce the results represented when used as directed on the label. Strength or purity must not fall below the professed standard or quality as noted on the label. Any adulteration by adding foreign substances or taking out valuable ingredients is unlawful.

A fine of as much as \$500 may be imposed for the sale of unregistered or misrepresented poisons. The penalty for violating the sales provisions of the economic poison law is the payment of a fine of \$200 for the first offense and \$1,000 for subsequent offenses. Any attempt to defraud the registration authorities about the chemical contents of any poison formula is punishable by a fine of \$1,000 a jail sentence of as much as one year, or both.

b. Key Contact

- (1) Glenn E. Yard
Superintendent
- (2) William Condon
Assistant Superintendent
- (3) P. S. Jones
Chief Chemist

c. Manpower and Funding

(1) Manpower

There is only one employee who is in charge of registration in Illinois. The registration process is a simple "paper" procedure, because only those products registered Federally are allowed to be state registered in Illinois.

(2) Funding

Only one employee is budgeted to do the transfer paper procedure registration in Illinois. The costs for laboratory analyses and the sampling are absorbed in the feeds and fertilizer programs.

d. Operational Programs and Commitments

The Division is committed to spot checking about 200 pesticide samples each year and also issuing state registrations for federally registered pesticides.

4. Illinois Environmental Protection Agency
Division of Land Pollution Control
Springfield, Illinois 62706

a. Scope of Responsibilities

The Illinois EPA licenses landfills and incinerators in the State. If a permit is approved, small quantities of hazardous wastes may be deposited in one of the 140 State sanitary landfills. However, few permits are granted and most of the hazardous wastes are directed to the Nuclear Engineering Company's disposal site at Sheffield.

To date, there have been no permits issued by Illinois Environmental Protection Agency for the disposal of pesticides in Illinois. The Division of Land Pollution Control has been approached by a company wishing to dispose of 500 tons of pesticide. To date, a permit has not been issued. The Division of Air Pollution Control has not issued any permits for pesticide incineration.

PROCEDURE FOR OBTAINING A PERMIT

Upon request by the applicant and the submittal of a legal description of a proposed site, the Agency will request the Illinois State Geological Survey to

give preliminary opinion based on well logs and a personal visit to the proposed site. A response is received from the Illinois State Geological Survey within a month.

Application forms for hazardous waste disposal, more stringent engineering, site investigation, and delineation of the effects of the hazardous waste on the environment will be required than for a landfill handling domestic waste. Therefore, the application form will generally be tailored for the waste and the disposal site. It is strongly recommended that the applicant contact the Permit Section and arrange a conference with Agency personnel. In this conference, many problems can be readily and quickly solved with a minimum cost to the applicant. The burden of proof is on the applicant to demonstrate that the disposal of the waste in the proposed landfill will not result in the pollution of the environment. The disposal of the waste in a landfill should result in either the break down of the waste to harmless end products or the permanent immobilization of the waste by ion fixation or by other means. A permit can be obtained for:

- a new site, or
- an existing site (in which case a supplemental permit can be issued).

Upon receipt of the application, notification (as to completeness) is issued within 19 days with a review of the application being completed within 90 days of receipt of the application by the Agency. Currently, reviews are being completed within about 30 days.

b. Key Contacts

- (1) Mr. Douglas Andrews, Manager
Division of Land Pollution Control
- (2) Mr. Thomas E. Cavanagh, Jr., Manager
Variance Section

c. Manpower and Funding

(1) Manpower

There are 35 people employed in the Division
as follows:

- (a) Surveillance = 25
 - (b) Permits = 4
 - (c) Enforcement = 2
 - (d) Operator
Certification 1
 - (e) Tax & Grants = 1
 - (f) Variances = (various)
 - (g) Standards = 2
- TOTAL 35

(2) Funding

The Division budget is \$700,000 annually but

1973 grants total \$2,000,000 for planning and construction of all types of solid waste facilities.

d. Operational Programs and Commitments

The Division is committed to carrying out the "Environmental Protection Act" as it relates to land pollution control.

5. State Natural History Survey Division

Economic Entomology Section

Natural Resources Building

Urbana, Illinois 61801

a. Scope of Responsibilities

The Natural History Survey is a state organization housed at the University of Illinois. The main objective is to study the biology and control of economically important insects and also to develop biological and pesticide insect control programs; development of pest management programs using integrated controls is another responsibility.

b. Key Contact

(1) Dr. H. B. Petty

Pesticide Coordinator

(2) Dr. W. H. Luckman, Head

Section of Economic Entomology

(3) Dr. George Sprugel, Jr., Chief

Natural History Survey

(4) Dr. Steve Moore

Spray School Chairman

c. Manpower and Funding

(1) Manpower

There are 23 professional employees, engaged in research and extension and four more hold joint appointments. There are 21 technicians and assistants.

(2) Funding

Evaluation of Insecticides for toxicity to insects	\$ 51,700
Fate and Effect of Pesticides in the Environment (e.g., biodegradability, biomagnification, etc.)	<u>\$101,596</u>
Sub-total	\$153,296
(Plus 5% adm. cost)	<u>\$ 7,664</u>
TOTAL	\$160,000

The state supplies 64% of the total budget (exclusive of administrative costs) and the balance of the funds are supplied by special grants received from industry and others.

d. Operational Programs and Commitments

- (1) Corn Pest-Management Program
- (2) Pesticide Residue Research
- (3) Soil Insects Affecting Corn
- (4) Alfalfa Insects - (Team Approach)
- (5) Soybean Insects - (Team Approach)
- (6) Fruit Insects - (Team Approach)
- (7) Ornamental & Tree Insects
- (8) Insect Pathology (Disease)
- (9) Host Plant Relationships (Resistance)
- (10) Extension Programs in above subjects.
- (11) A custom spray operators school was initiated, in 1949, by the University of Illinois Extension Service and the Natural History Survey. The first year 358 operators and industry representatives attended; in 1973 attendance increased to 1,325. (See Page 26)
- (12) Two pre-proposals for EPA pilot training contracts were recently submitted by Natural History Survey - Extension Service personnel.

Custom Spray School Attendance in Recent Years

	1967	1968	1969	1970	1971	1972	1973
Industry representatives	504	525	553	476	493	507	465
Farmers	151	134	129	109	135	133	79
Custom ground operators	225	291	313	349	301	347	377
Seed company representatives	90	120	103	79	89	87	110
Farm managers	25	35	32	29	21	29	18
Aerial applicators	28	28	40	30	47	61	46
Canning company representatives	13	21	18	22	10	13	13
State and federal employees	57	48	46	41	64	63	55
County Extension advisers	53	48	40	41	52	63	62
Faculty and speakers	37	48	38	37	54	46	67
Press	10	12	6	8	14	7	9
Students	22	5	41	14	27	22	24
Others	0	3	0	29	2	0	0
TOTAL	1,215	1,304	1,359	1,264	1,309	1,378	1,325

6. Illinois Department of Public Health
Bureau of Environmental Health
Division of General Sanitation
Springfield, Illinois 62761

a. Scope of Responsibilities

There are some 20 laws which the division administers which are not related to pesticides.

Vector Control Consultation is done with Mosquito Abatement Districts or any local mosquito programs are administered with the Department of Agriculture under the authority of the Pesticide Control Law. The Department also assists in training pesticide applicators which require permits for 1080.

b. Key Contacts

- (1) Verdun Randolph
Bureau Chief & State Sanitary Engineer
- (2) Chris Wiant
Adm. of Product Safety Program
- (3) Harvey Dominick
Entomologist

c. Manpower and Funding

- (1) Manpower

There are 37 in the Division and 2 involved in

pesticide programs.

(2) Funding

Approximately \$30,000 - specifically for pesticide programs is budgeted annually.

d. Operational Programs and Commitments

Identification of Vectors

Control and Preventive Recommendations

Poison Control Centers

Product Safety Program

Regional PCO Training

INDEX OF OTHER FEDERAL AGENCIES

Mr. Wesley A. Bridwell
Bureau Motor Carrier Safety Office
18209 Dixie Highway
Homewood, Illinois 60430
312-799-6300

Mr. Marshall E. La Neer, Regional
Program Director
National Institute for Occupational
Safety & Health
300 South Wacker Drive
Chicago, Illinois 60606
312-353-1710

Mr. Burhl McClung
U.S.D.A.
Animal & Plant Health
Inspection Service
223 Post Office Building
Urbana, Illinois 61801

Mr. Edward Estkowski, Regional
Administrator
U.S. D.O.L., O.S.H.A.
300 South Wacker Drive
Chicago, Illinois 60606
312-353-4717

Mr. Gary Larson
Bureau of Sport Fisheries &
Wildlife
Springfield, Illinois
217-549-4300

Mr. George J. Green
National Transportation
Safety Board
3166 Des Plaines Ave.
Des Plaines, Illinois 60018

Mr. Gordon Lindquist
Regional Administrator
National Highway Traffic Safety
Administration
1010 Dixie Highway
Chicago Heights, Illinois 60411

Donald V. Vaughn
U.S. Forest Service
317 East Poplar
Harrisburg, Illinois 62946

ILLINOIS PESTICIDE PROFILE

PART II

August 1973

ILLINOIS PESTICIDE PROFILE

Part II

A. INDEX INTRASTATE REGISTERED PRODUCTS & EXPERIMENTAL PERMITS

1. The Feeds and Fertilizer Division of the Illinois

Department of Agriculture has prepared a printout of all intrastate registered products. Federal (EPA) registration is required in Illinois prior to state registration.

a. Registered Products

The company and product printout is filed in the Regional Office (Pesticides Branch) and is available for use. 1/

b. Experimental Permits

EPA Washington (Experimental Permits) is sending a list of Illinois experimental permits including the list of companies, the product and location of the field or laboratory experiment. Companies in Illinois that secure Federal EPA experimental permits are not obligated to inform state regulatory officials, therefore no state listing of experimental permits is available.

1/ Refer to Appendix for sample copies.

c. I-R-4 Representatives

(1) Dr. H. B. Petty
Pesticide Coordinator
Natural History Survey
Urbana, Illinois

(2) Dr. S. F. Slife
Agronomy Department
University of Illinois
Urbana, Illinois

B. INDEX PRODUCERS, MANUFACTURERS, FORMULATORS THAT REGISTER
(FEDERAL) IN ILLINOIS 1/

Company Id.
Number

8450	A. E. STALEY MFG. COMPANY P. O. BOX 151 DECATUR, ILLINOIS 62525
275	ABBOTT LABS, AGRI. & VET. PROD. DIV. NORTH CHICAGO, IL 60064
6001	ADE MFG & CHEMICAL CO INC TISKILWA ILLINOIS 61368
7682	AEGIS LABORATORIES INC 1647 E. 55TH STREET CHICAGO, IL 60615
9205	AGRO-CHEM INC. P. O. BOX 45225 CHICAGO, ILLINOIS 60645
11343	AID CORPORATION P. O. BOX 253 FLOSSMOOR, IL 60422
7151	ALEXANDER CHEMICALS DIVISION OF NORTH AMERI 77 SOUTH WACKER DRIVE CHICAGO IL 60606
9114	ALLIED MILLS INC. P. O. BOX 459 LIBERTYVILLE, IL 60048
7098	AMER MIN SPIRITS CO DIV UNION OIL CO OF CA 3100 SOUTH MEACHAM ROAD PALATINE, IL 60067
2105	AMERICAN DRUG INDUSTRIES INC. 5810 SOUTH PERRY AVE. CHICAGO, ILLINOIS 60621
8361	AMERICAN FERTILIZER COMPANY P.O. BOX 6940-A CHICAGO, IL 60690
10287	AMERICAN HOSPITAL SUPPLY CORPORATION 1740 RIDGE AVENUE EVANSTON ILLINOIS 60204

1/ Xerox copies included because they will updated; an additional SMUD List of manufacturers, users, distributors will also be prepared for use in the Computer System.

1145 AMOCO OIL COMPANY
910 S. MICHIGAN AVENUE
CHICAGO, IL 60605

1999 ANDERSON EXTERMINATING COMPANY
1303-05 W JACKSON BOULEVARD
CHICAGO ILLINOIS 60607

6322 ANTISEPTOL COMPANY DIV. W. F. STRAUB
5524 NORTHWEST HGHWY
CHICAGO IL 60630

6922 ARMOUR INDUSTRIAL CHEM. CO.
BOX 1805
CHICAGO, IL 60690

1636 ARMSTRONG CHEMCON INC
1330 S KILBOURN AVENUE
CHICAGO, IL 60623

634 ARWELL DIV ORKIN EXTERMINATING CO INC
1119 GLEN ROCK AVENUE
WAUKEGAN ILLINOIS 60085

9592 ASSOCIATED CHEMICALS, CORP.
BOX 1133-231 OAK STREET
QUINCY, ILL. 62301

11506 AYR-WAY STORES, INC.
8250 ZIONSVILLE RD.
INDIANAPOLIS, IN 60035

1072 BABSON BROS CO.
2100 S YORK ROAD
OAK BROOK ILLINOIS 60521

467 BARTON CHEMICAL CORP.
5331 W. 66TH STREET
CHICAGO, ILLINOIS 60638

3017 BICKMORE CO
1900 RIDGE AVENUE
EVANSTON ILLINOIS 60201

10910 BIONICS INDUSTRIES
11250 W. ADDISON ST.
FRANKLIN PARK, IL 60131

5887 BLACK LEAF PRODUCTS COMPANY
667 N. STATE STREET
ELGIN, IL 60120

8772 BLUE CROSS CHEMICAL CO.
1301 SO. ORCHARD
MAYWOOD, ILLINOIS 60155

500 BOYER CHEMICAL CO
1611 CHURCH STREET
EVANSTON ILLINOIS 60201

8358 BREAKTHUR INSTRUMENTS
2751 MILWAUKEE
CHICAGO, ILLINOIS 60647

9398 BRUCE FLOOR CARE PRODUCTS ARMOUR-DIAL, INC.
P. O. BOX 4309, 100 SO. WACKER DRIVE
CHICAGO, ILLINOIS 60680

419 BURGESS VIBROCRAFTERS, INC.

GRAYSLAKE, IL 60030

1130 BURNISHINE PRODUCTS CO
8140 N RIDGEWAY AVENUE
SKOKIE ILLINOIS 60076

6200 CAPITAL COLOR & CHEMICAL COMPANY
687 HILL ROAD
WINNETKA IL 60093

9834 CARMAN CONLEY INC
4321 WEST 32ND ST
CHICAGO ILL 60623

11693 CENTRAL GROCERS COOPERATIVE, INC.
3701 NORTH CENTRELLA STREET
FRANKLIN PARK, IL 60131

6141 CHAMPION PRODUCTS INC
4939 SOUTH AUSTIN AVENUE
CHICAGO ILLINOIS 60638

11673 CHARCO INDUSTRIES
P. O. BOX 22
CENTRALIA, IL 62801

7504 CHARLES INDUSTRIES
590 TIMBER LANE
LAKE FOREST, ILL 60045

498 CHASE PRODUCTS COMPANY
19TH STREET AND GARDNER ROAD
BROADVIEW ILLINOIS 60153

7818 CHEM O CRAFT SPECIALTIES
PO BOX 208
ARGO IL 60501

8973 CHEMETRON CORPORATION
840 NORTH MICHIGAN AVENUE
CHICAGO, IL 60611

6049 CHEMICAL INTERNATIONAL
407 W MAIN STREET
ROBINSON IL 62452

704 CHEMICAL SYSTEMS INC
7310 SOUTH CHICAGO AVENUE
CHICAGO ILLINOIS 60619

9793 CHEMICAL-WAYS CORP
7322 NILES CENTER
SKOKIE ILLINOIS 60076

1285 CHEMISEAL COMPANY
353 NORTH WESTERN AVENUE
CHICAGO, ILLINOIS, 60612

4543 CHEMLEY PRODUCTS COMPANY
5744 N. WESTERN AVENUE
CHICAGO, ILLINOIS 60645

9532 CHEMSOURCE INTERNATIONAL
35 SOUTH 19TH AVENUE
MAYWOOD IL 60154

9201 CHICAGO CANDLE CORP
141 WEST 62ND ST
CHICAGO ILLINOIS 60621

1678 CHICAGO HEIGHTS CERASEAL INC
P O BOX 214
CHICAGO HEIGHTS ILLINOIS 60411

3507 CHICAGO SANITARY PRODUCTS COMPANY
3100 SOUTH THROOP STREET
CHICAGO ILLINOIS 60608

1416 CHURCHILL CHEMICAL CO.

GALESBURG, IL 61401

10733 CITY & SUBURBAN CHEMICAL DIST.
2639 NORTH BOSWORTH
CHICAGO, IL 60614

706 CLAIRE MFG. CO.
7620-28 SOUTH HARVARD ST.
CHICAGO, IL 60620

9891 CLEARING CHEMICAL LABORATORIES INC
2806 W CHICAGO AVENUE
CHICAGO ILLINOIS 60622

8426 CLOVERLAND PRODUCTS
ROUTE 2
FREEPORT, IL 61076

10214 COF LABORATORIES INC
3737 W 127TH STREET
CHICAGO ILLINOIS 60658

495 CONTINENTAL CHEMISTE CORP.
2256 W. OGDEN AVE
CHICAGO, IL 60612

8977 CONTINENTAL COSMETIC CO
2655 WEST 19TH STREET
CHICAGO ILLINOIS 60608

5366 CONWAYS PRODUCT CO
8457 SOUTH RACINE AVE
CHICAGO IL 60620

59 COOPER U.S.A. INC
1909 N. CLIFTON AVENUE
CHICAGO, IL 60614

8908 CORAL CHEMICAL COMPANY
135 LEBARON STREET
WAUKEGAN IL 60085

9795 CORNO FEED PRODUCTS, NATIONAL OATS COMPANY
1931 BAUGH AVENUE - BOX 391
EAST ST. LOUIS, ILLINOIS 62205

7273 CROWN CHEMICALS, INC.
4995 NORTH MAIN STREET
ROCKFORD, ILLINOIS 61101

12148 CROWN INDUSTRIAL PRODUCTS CO.
100 STATE LINE ROAD
HEBRON, IL 60034

2938 CULLIGAN INC.
ONE CULLIGAN PARKWAY
NORTHBROOK, IL 60062

9173 CYNAMIC CHEMICAL CORPORATION
12551 HIGGINS RD. BOX 66336
CHICAGO, ILLINOIS 60666

2205 DADANT & SONS INC.
102 BROADWAY
HAMILTON, ILLINOIS 62341

5296 DAUBERT CHEMICAL CO.
709 ENTERPRISE DRIVE
OAK BROOK, IL 60521

8082 DBA PRODUCTS CO INC
22 SKOKIE HGHWY
LAKE BLUFF ILLINOIS 60044

4643 DEARBORN CHEM DIV - CHEMED CORP
320 GENESSEE ST.
LAKE ZURICH, IL 60047

3793 DEKALB - AG RESEARCH INC
SYCAMORE ROAD
DEKALB ILLINOIS 60115

2337 DEMERT & DOUGHERTY INC.
P. O. BOX 112
CHICAGO, ILLINOIS 60650

8788 DESOTO CHEMICAL COATINGS INC
1700 SOUTH MT PROSPECT ROAD
DES PLAINES IL 60018

1103 DIAL SPECIALTIES DIV. ARMOUR-DIAL, INC.
P. O. BOX 4309, 100 S. WACKER DRIVE
CHICAGO, ILLINOIS 60608

875 DIVERSEY CHEM CO DIV OF DIVERSEY CORP
1855 SOUTH MOUNT PROSPECT ROAD
DES PLAINES, IL 60018

8135 DIXIE MILLS COMPANY
P O BOX 351
FAST ST LOUIS ILLINOIS 62202

7240 DOALL COMPANY
254 N LAUREL AVENUE
DES PLAINES, ILLINOIS 60016

10076 DOBER CHEMICAL CORP
14461 WAVERLY AVE
MIDLOTHIAN ILLINOIS 60445

8029 DOREX INC.
121 ONTARIO STREET
FRANKFORT, IL 60423

1550 DURACLEAN COMPANY
839 WAUKEGAN ROAD
DEERFIELD, ILLINOIS 60015

7958 ECONOMY COMPOUNDS
270 W. 154TH PLACE
SOUTH HOLLAND, IL 60473

7285 ED HAUF DISTRIBUTING CO.
P. O. BOX 187
PRINCETON, IL 61356

9092 EKCO CHEMICAL PRODUCTS CO
414 23 RD ST
MOLINE ILLINOIS 61265

9307 ENCAP PRODUCTS COMPANY
P. O. BOX 278
MOUNT PROSPECT, ILLINOIS 60056

2623 EVERPURE INC
2100 CLEARWATER DRIVE
OAKBROOK ILLINOIS 60521

9232 FEDERAL INTERNATIONAL CHEMICALS
2451 S. ASHLAND AVENUE
CHICAGO, IL 60608

6568 FEED RITE PRODUCTS CO.
300 W. WASHINGTON ST.
CHICAGO, IL 60606

5752 FENCE PAINTER CORPORATION
2401 GARDNER ROAD
BROADVIEW, IL 60153

10513 FEND-ALL COMPANY
2222 DIVERSEY PARKWAY
CHICAGO, ILLINOIS 60647

9515 FISCHER CHEMCO, INC.
410 NORTH MICHIGAN AVENUE
CHICAGO, IL 60611

6466 FITZPATRICK BROS INC
1301 WEST 22ND ST SUITE 501
OAK BROOK ILLINOIS 60521

12107 FLEXO CHEMICAL COMPANY
POST OFFICE BOX 82
RIVER FOREST, IL 60305

9190 FORT DEARBORN LITHOGRAPH CO
6035 WEST GROSS POINT ROAD
CHICAGO ILLINOIS 60648

1544 FRANK J. CURRAN COMPANY
8101 SOUTH LEMONT RD.
DOWNERS GROVE, ILLINOIS 60515

8123 FRANK MILLER & SONS
13831 SOUTH EMERALD AVENUE
CHICAGO ILLINOIS 60627

534 FS SERVICES INC.
1701 IOWANDA AVE.
BLOOMINGTON IL 61701

1304 FURST MCNESS COMPANY
120 E CLARK STREET
FREEPORT, ILLINOIS 61032

10233 GERARD PELLHAM
440 EAST OGDEN AVENUE
HINSDALE, IL 60521

5644 GLENN CHEMICAL COMPANY INC
4149 N MILWAUKEE AVENUE
CHICAGO IL 60641

4931 GOOD LIFE CHEMICALS INC.
BOX 687
EFFINGHAM, ILLINOIS 62401

2006 GOOD WAY INSECTICIDE INC
P O BOX 176
WHEELING ILLINOIS 60090

5612 GUTH CHEMICAL COMPANY
332 SOUTH CENTER STREET
HILLSIDE, IL 60162

11275 GUTH CORPORATION
P. O. BOX 302
NAPERVILLE, IL 60540

10004 H & H FARM SERVICE
BOX 435
MILLEDGEVILLE, ILLINOIS 61051

2311 HAAG LABORATORIES INC P O BOX 117
140TH STREET & SEELEY AVENUE
BLUE ISLAND ILLINOIS 60406

9934 HANOVER INDUSTRIAL CHEMICAL CORP
P O BOX K
HANOVER PARK ILLINOIS 60103

9871 HARRY L. BOSWORTH CO.
531 S PLYMOUTH COURT
CHICAGO ILLINOIS 60605

6070 HEALTH MOR INC.
203 N. WABASH AVE.
CHICAGO, ILLINOIS 60601

12480 HEISLER GREEN CHEMICAL COMPANY
1116 WEST FORTY-SEVENTH PLACE
CHICAGO, IL 60609

9109 HILD FLOOR MACHINE CO INC
1217 WEST WASHINGTON BLVD
CHICAGO ILLINOIS 60607

10624 HIZJNE PRODUCTS
1211 WASHINGTON AVE, BOX 57.
WILMETTE, ILLINOIS 60091

10378 HODAG CHEM. CORPORATION
7247 NO. CENTRAL PARK AVE.
SKOKIE, IL 60076

10031 HUB OIL CO
BOX 67
ROCHELLE ILL 61068

8652 HY-TOP PRODS. DIV. OF FEDEPATED FOODS
P. O. BOX 4863
CHICAGO, ILLINOIS 60680

11535 HYDRO CARE PRODUCTS CORPORATION
1745 HARDING ROAD
NORTHEFIELD, IL 60093

929 HYGIENIC LABORATORIES
1618 NORTH CALIFORNIA AVENUE
CHICAGO ILLINOIS 60047

334 HYSAN CORPORATION
919 W 38TH STREET
CHICAGO, IL 60609

9953 IMPAC CHEMICAL PRODUCTS, INC.
915 WEST 88TH STREET
CHICAGO, IL 60620

8833 INDEPENDENT GROCERS ALLIANCE DIST. CO.
300 WEST ADAMS STREET
CHICAGO, IL 60606

10311 INDUSTRIAL CHEMICAL SUPPLY CO.
P. O. BOX 932
SPRINGFIELD, IL 62705

6609 INDUSTRIAL LAUNDRY FORMULATIONS INC
10421 FRANKLIN AVE
FRANKLIN PARK ILLINOIS 60131

4456 INTERNATIONAL MIN & CHEM CORP
IMC PLAZA
LIBERTYVILLE, IL 60048

8819 J. M. LABORATORIES
645 N. MICHIGAN AVE.
CHICAGO, ILLINOIS 60611

10434 J.W. MORTELL COMPANY
550 N. HOBBIE AVE.
KANKAKEE, IL 60901

2700 SOUTH MARSH AVENUE
CHICAGO ILLINOIS 60616

9182 JEWEL CHEMICAL CO.
2701 W. HOWARD ST.
CHICAGO, ILLINOIS 60645

5075 JEWEL CO., INC. R.W. MILLER
5725 E. RIVER RD.
CHICAGO, IL 60631

5242 JORDAN PAINT MFG.CO., INC. FUNG. PR. DIV.
7250 FRANKLIN STREET
FOREST PARK, ILLINOIS 60130

15382 KALO LABORATORIES, INC.
P. O. BOX 1086
QUINCY, IL 62301

801 KALUSOFF LTD
P O BOX 844
SPRINGFIELD ILLINOIS 62700

9347 KANKAKEE INDUSTRIAL SUPPLY CO
1015 NORTH FIFTH STREET
KANKAKEE ILLINOIS 60901

11722 KANKAREE PAINT MFG. CO., INC.
806 E. FAIR STREET-BOX 924
KANKAREE, IL 60901

1576 KENDALL CHICAGO DIVISION
309 WEST JACKSON BLVD.
CHICAGO, IL 60606

11324 KHAN LABORATORIES
639 WEST DIVERSEY PARKWAY
CHICAGO, IL 60614

1645 KNOX CHEMICAL COMPANY
900 NORTH FRANKLIN STREET
CHICAGO, ILLINOIS 60610

8468 KOBOY AMMONIA PRODUCTS INC.
3601 W. JARVIS AVENUE
SKOKIE, IL 60076

7751 KRAFT CHEMICAL CO INC
917 WEST 18TH ST
CHICAGO ILLINOIS 60608

9562 KRISTO CORPORATION
540 FRONTAGE ROAD
NORTHFIELD, IL 60093

1461 LIEN CHEMICAL COMPANY
9229 WEST GRAND AVENUE
FRANKLIN PARK ILLINOIS 60131

1155 LINCO PRODUCTS CORPORATION
3631 SOUTH ASHLAND AVENUE
CHICAGO, ILLINOIS 60609

9450 LIQUID CONTAINER CORP
901 FACTORY ST
WEST CHICAGO ILLINOIS 60183

6222 LORA LABS, INC.
2542 NORTH ELSTON
CHICAGO, ILLINOIS 60647

6962 MADISON CHEM DIV OF CHEMTRUST IND CORP
11250 W. ADDISON STREET
FRANKLIN PARK, IL 60131

6418 MAGEE CHEMICAL COMPANY
415 W TOUHY AVENUE
DES PLAINES ILLINOIS 60018

10324 MASON CHEMICAL COMPANY
5253 WEST BELMONT AVENUE
CHICAGO, ILLINOIS 60641

7985 MASONITE CORPORATION
28 NORTH WACKER DRIVE
CHICAGO, IL 60606

9647 MASURY COLUMBIA COMPANY - DIR. RES. & DEV.
1502 NORTH 25TH AVENUE
MELROSE PARK, IL 60160

758 MAZON PRODUCTS COMPANY

MAZON, ILLINOIS 60444

8857 MEAT INDUSTRY SUPPLIERS INC.
770 FRONTAGE RD.
NORTHFIELD, ILLINOIS 60093

8668 MEDICAL SUPPLY CO
1027 W STATE STREET
ROCKFORD IL 61102

3776 MERCURY CHEMICAL COMPANY INC
2443 N CLYBOURN AVENUE
CHICAGO IL 60614

9792 METALLIC COATINGS CORP DIV. JAS. B DAY & CO.
DAY LANE
CARPENTERSVILLE, ILLINOIS 60110

481 MICHIGAN CHEMICAL CORP.
351 EAST OHIO STREET
CHICAGO, ILLINOIS 60611

7115 MIDLAND CHEMICAL COMPANY
400 WEST 107TH STREET
CHICAGO ILLINOIS 60628

2652 MILLER PURCELL COMPANY
P O BOX 245
NEW LENOX ILLINOIS 60451

10078 MISCO-CARE CO DIV OF MISCO INDUSTRIES INC
1021 S NOEL
WHEELING ILLINOIS 60090

9011 MOEWS SEED COMPANIES

GRANVILLE IL 61326

1946 MONTGOMERY WARD CO., INC.
619 W CHICAGO AVE.
CHICAGO, IL 60610

1157 MOORMAN MANUFACTURING COMPANY
1000 NORTH 30TH STREET
QUINCY, ILLINOIS 62301

8800 MORTON SALT COMPANY
110 N. WACKER DRIVE
CHICAGO, ILLINOIS 60606

178 N. B. PURDY PRODS. CO.
P. O. BOX 304
WAUCONDA, ILLINOIS 60084

2139 N.-AM. AGR. PROD., INC. RES. & DEV. CTR.
11710 LAKE AVE.
WOODSTOCK, ILLINOIS 60098

1706 NALCO CHEMICAL COMPANY
6216 WEST 66TH STREET
CHICAGO, ILLINOIS 60638

7765 NATIONAL BIRD CONTROL LAB
5315 TOUHY AVENUE
SKOKIE IL 60076

9945 NATIONAL BRANDS SALES CORPORATION
P. O. BOX 6561
CHICAGO ILLINOIS 60680

10881 NATIONAL LIQUID FERTILIZER CORP
3724 WEST 38TH ST.
CHICAGO, IL 60632

8001 NOVELTIES UNLIMITED
400 RANDALL ROAD, RR3
ST. CHARLES, IL 60174

8370 NYCO PRODUCTS CO
3021 W 36TH ST
CHICAGO ILLINOIS 60632

6946 O'DONNELL TERMITE & PEST CONTROL CO.
1037 BROADWAY
QUINCY, ILLINOIS 62301

8849 PAV CHEMICAL
621 PLYMOUTH COURT
CHICAGO, ILLINOIS 60605

486 PEROLIN COMPANY, INC.
1112 WEST 37TH STREET
CHICAGO, ILLINOIS 60609

11525 PETERSON/PURITAN, INC.
HEGELER LANE
DANVILLE, IL 61832

10531 PFTLAND PRODUCTS INC.
2133 N. CALIFORNIA AVE.
CHICAGO, ILLINOIS 60647

8923 PETRX COMPANY
REED & KIRK RDS
GENEVA, IL 60134

3379 PINE WEED AND INSECT CONTROL SERVICE
LEE IL 60530

5617 PLANT MARVEL LABORATORIES
624 W 119TH STREET
CHICAGO IL 60628

493 PLEE-ZING INC.
2544 GREEN BAY ROAD
EVANSTON, ILLINOIS 60201

781 PLUNKETT CHEMICAL COMPANY
3500 SOUTH MORGAN STREET
CHICAGO, ILLINOIS 60609

10174 POPULAR PRODUCTS MFG COMPANY
1910 N ELSTON AVENUE
CHICAGO ILLINOIS 60622

8722 PORTION-PAC CHEMICAL CORP
360 EAST GRAND AVE
CHICAGO ILLINOIS 60611

P. O. BOX 441
NORTHBROOK, ILLINOIS 60062

6693 PROFESSIONAL PACKAGING CORP.
2059 N. CLARK STREET
CHICAGO, IL 60614

10239 PROPERTY CHEM PROD DIV/CHEMTRUST IND CORP
11250 W. ADDISON STREET
FRANKLIN PARK, IL 60131

8247 QUICK ACTION EXTERMINATING CONTRACTORS
14929 SOUTH SEELY AVENUE
HARVEY, ILLINOIS 60425

10626 QUIK-KILL PEST CONTROL
302 WISCONSIN AVENUE
STREATOR, ILLINOIS 61364

7425 R R STREET & COMPANY INC
625 ENTERPRISE DRIVE
OAK BROOK IL 60521

9553 R. G. INDUSTRIES, INC.
2330 WEST DIVISION ST
CHICAGO, IL 60622

970 RED & WHITE INTERN. DIV. FEDERATED FOODS, INC.
P. O. BOX 4863
CHICAGO, ILLINOIS 60680

6545 RESLABS, INC. DIV. OF LINDO PRODS. CORP.
3631 S. ASHLAND
CHICAGO, ILLINOIS 60609

228 RIVERDALE CHEMICAL COMPANY
220 EAST 17TH STREET
CHICAGO HEIGHTS ILLINOIS 60411

6339 RO - DI COMPANY
4531 N. BROADWAY
CHICAGO, IL 60640

523 ROBERTS LABS. DIV.--HOPKINS AGR. CHEM.
4995 NO. MAIN STREET
ROCKFORD, ILL 61101

7033 RUST OLEUM CORPORATION
P. O. BOX 32
EVANSTON, ILLINOIS 60204

4001 SCHOLL MANUFACTURING COMPANY
213 WEST SCHILLER STREET
CHICAGO, ILLINOIS 60610

10129 SCHOOL HEALTH SUPPLY COMPANY
341 FACTORY ROAD
ADDISON ILLINOIS 60101

2125 SCIENCE PRODUCTS CO INC
2640 N GREENVIEW AVE
CHICAGO ILLINOIS 60614

8827 SCOTT LAD FOODS, INC.
1500 E. 97TH STREET
CHICAGO, ILLINOIS 60628

539 SEARS ROEBUCK & CO.
925 S. HOMAN AVE. DEPT. 671
CHICAGO IL 60607

11357 SENTINEL INSECT CONTROL LABORATORY
211 N. KLEIN STREET
SPRINGFIELD, IL 62702

11519 SENTRY POOL & CHEMICAL SUPPLY INCORPORATED
115 5TH AVENUE
ROCK ISLAND, IL 61201

5950 SEPTI SAY INCORPORATED
312 SOUTH MAIN
FARMER CITY IL 61842

6109 SERVICEMASTER EQUIP & MATERIALS CO
2300 WARRENVILLE ROAD
DOWNERS GROVE, IL 60515

11265 SEYMOUR CHEMICAL ASSOCIATES
1609 ARBOR AVENUE
HIGHLAND PARK, IL 60035

7356 SHURFINE CENTRAL CORP
2100 NORTH MANNHEIM RD
NORTHLAKE IL 60164

7018 SILACO CHEMICAL CORPORATION
3821 MONTROSE AVENUE
CHICAGO IL 60618

1170 SMITHEREEN EXTERMINATING CO.
18 SOUTH MICHIGAN AVE
CHICAGO ILL. 60603

8856 SPRAYWAY INC
7644 VICENNES AVE
CHICAGO ILLINOIS 60620

10497 STAR CHEMICAL COMPANY, INC.
9830 DERBY LANE AT BRISTOL
WESTCHESTER, IL 60153

7135 SUNNYSIDE PRODUCTS INC
5530 NORTH WOLCOTT AVENUE
CHICAGO ILLINOIS 60640

557 SWIFT CHEMICAL COMPANY
111 WEST JACKSON BOULEVARD
CHICAGO, IL 60604

8063 SWIFT DAIRY & POULTRY COMPANY
115 W. JACKSON BLVD.
CHICAGO, ILLINOIS 60604

10101 SWIFT R & D CENTER
1919 SWIFT DRIVE
DAK BROOK, ILLINOIS 60521

8708 THE BIRD X INCORPORATED
325 W HURON STREET
CHICAGO IL 60610

7925 THE BRITE HOUSE CO.
1050 WEST KINZIE ST.
CHICAGO, IL 60622

10694 THE FLOW EZE COMPANY
3209 AUBURN STREET
ROCKFORD, IL 61103

9247 THE MURINE CO DIV OF ABBOTT LAB
1400 SHERIDAN RD
NORTH CHICAGO, IL 60064

9648 THE SHOCK PROOF CORP.
777 N. MICHIGAN AVE. SUITE 1807
CHICAGO, ILLINOIS 60611

5703 THE STANLEY OLIVER MFG COMPANY
1001 S CALIFORNIA AVENUE
CHICAGO IL 60622

8177 THE VALSPAR CORP.
200 SAYRE STREET
ROCKFORD, IL 61101

5991 TIME CHEMICAL INC
3950 SOUTH KARLOV AVE
CHICAGO ILLINOIS 60632

6165 TOPCO ASSOCIATES, INC.
7711 GROSS POINT ROAD
SKOKIE, ILLINOIS 60076

10286 TOWER OIL COMPANY
300 WEST WASHINGTON
CHICAGO ILLINOIS 60606

7026 TOWN LABS INC
4975 NORTH MAIN ST
ROCKFORD ILL 61101

10876 TWINDAK PRODUCTS, INC.
917 WEST WILSON
BATAVIA, IL 60510

4855 U S MOVIDYN CORP.
863 NO ARLEON ST.
CHICAGO, ILLINOIS 60610

9250 UNITED LABORATORIES, INC.
155 S. ROUTE 53
ADDISON, IL 60101

9042 UNITED TEXTILE CHEMICALS, INC.
4800 CHICAGO BEACH DRIVE
CHICAGO, ILLINOIS 60615

8685 V. S. MCCOY COMPANY
P. O. BOX 62
CENTRALIA, ILLINOIS 62801

189 VAL-A COMPANY
700-710 W. ROOT STREET
CHICAGO, ILL. 60609

4522 VALLEY APIARIES
RT. 2 BOX 23
PROPHETSTOWN, ILLINOIS 61277

9091 VAN STRAATEN CHEMICAL CO
630 W WASHINGTON STREET
CHICAGO ILLINOIS 60606

5801 VANE CHEMICAL COMPANY
P.O. BOX 61
ALTON, IL 62004

9426 VAPOR CONTROL, INC.
1414 REED ROAD
GENEVA, IL 60134

2829 VENTRON CORP-CHEMICALS DIVISION
1645 S. KILBOURN AVENUE
CHICAGO, IL 60623

8555 VILLAGE PRODUCTS
232 S EVERGREEN ST
BENSENVILLE IL 60106

108 W T RAWLEIGH COMPANY
223 225 E MAIN STREET
FREEPORT ILLINOIS 61032

336 WALGREEN LABORATORIES INC.
4260 PETERSON AVENUE
CHICAGO ILLINOIS 60646

1549 WALLERSTEIN CO DIV OF TRAVENOL LABS INC
200 WILMOT ROAD
DEERFIELD, IL 60015

7101 WALTON-MARCH, INC.
1620 OLD DEERFIELD RD-P.O. BOX 340
HIGHLAND PARK, IL 60035

7562 WATER SOLUBLE PRODUCTS
7321 NORTH RIDGEWAY
SKOKIE, IL 60076

10383 WECO CHEMICAL COMPANY, INC.
BOX 123
GLEN ELLYN, ILLINOIS 60137

9197 WHITE CROWN CHLORINE PRODUCTS
724 WEST 2ND AVENUE
MILAN ILLINOIS 61264

2633 WILLIAM GETZ DENTAL PRODUCTS
7512 S. GREENWOOD AVE.
CHICAGO, ILLINOIS 60619

8927 WM. H. WEXELBERG & CO.
BOX 233
LOMBARD, ILLINOIS 60148

5427 WRIGHT CHEMICAL CORPORATION
1319 WEST WABANSIA AVENUE
CHICAGO ILLINOIS 60622

69 WY-TO CHEMICALS INC
6227 N BROADWAY
CHICAGO ILLINOIS 60626

5464 XTTRUIM LABS INC
415 PERSHING RD
CHICAGO IL 60609

SMUD NUMBER

The SMUD number is a shipper, manufacturer user or distributor identification number assigned in order to identify and retrieve sample and activity information. The SMUD number is used anytime the shipper, user, manufacturer, or distributor cannot be identified (in the region) in the alphabetical name and location listing. PRD assigns a SMUD number so that the (shipper, manufacturer, user or distributor) in question can be entered into the Computer system.

C. USE DATA ON PESTICIDES, APPLICATORS (CROPLAND)

1. General Pesticide Use (Cropland)

a. Herbicides

b. Insecticides

2. General Pesticide Use (Non-cropland)

DATA NOT AVAILABLE - TO BE INCLUDED IN SUBSEQUENT REVISIONS

1. General Pesticide Use

Herbicides were used on 9.0 million acres or 86 percent of the corn acreage in 1971--compared to 80 percent in 1970. Corn acreage treated for the control of weeds, insects, or both in 1971 totaled 9.2 million acres, compared with 8.7 million acres in the previous year. Total acres of corn treated for weeds and insects when each treatment was counted individually for 1971 and 1970 was 17.3 and 15.7 million acres, respectively.

Herbicide treatment of soybeans in 1971 totaled 5.6 million acres or 79 percent of the harvested acres. In 1970, 71 percent of the soybean acreage was treated with herbicides. Only 129,000 acres of the 1971 soybean acreage received chemical treatment for the control of insects, unchanged from 1970. The 1971 survey indicated that about 93,000 acres of small grains and 7,000 acres of hay received chemicals for weed control. Small grain and hay acres treated chemically for the control of insects in 1971 were 49,000 and 51,000 acres, respectively. Small grain acres treated for disease control totaled about 18,000 acres in 1971.

Estimated acres of crops treated with pesticides, by type of control, Illinois, 1970 and 1971 1/

Crop	Weeds		Insects		Diseases		Other		Total	
	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971
- Thousand acres -										
Corn	9,646	11,593	6,052	5,711	178	157	5	3	15,881	17,464
Soybeans	4,853	5,648	129	129	13	7	1	--	4,995	5,784
Small grains 2/	45	93	10	49	35	18	--	2	91	162
All hay	12	7	45	51	--	--	--	--	57	58
Total	14,556	17,341	6,236	5,940	226	182	6	5	21,024	23,468

1/ Acres treated more than once are counted for each treatment. For net acres treated, see following table. 2/ Includes oats, wheat, barley, and rye.

Estimated acres of crops harvested and treated with herbicides and insecticides, Illinois 1970 and 1971

Crop	Harvested		Treated with					
			Herbicides 1/		Insecticides 1/		Herbicides and insecticides 2/	
	1970	1971	1970	1971	1970	1971	1970	1971
- Thousand acres -								
Corn	10,250	10,450	8,220	8,987	5,631	5,434	8,673	9,196
Soybeans	6,800	7,150	4,853	5,648	129	129	4,867	5,656
Small grains 3/	1,645	1,628	45	93	10	49	55	142
All hay	1,260	1,220	12	7	45	51	57	55

1/ Acres treated more than one time are counted once. 2/ Acres treated with both herbicides and insecticides counted only once. 3/ Includes oats, wheat, barley, and rye.

a. HERBICIDES

Chemical herbicides were used by 79 percent of the farm operators on either part or all of their corn acreage in 1971, compared with 78 percent a year earlier. In 1971, all areas of the State had a larger proportion of operators using herbicides than in 1970 except for the extreme southern portion of Illinois which showed a slight decline.

The 1971 survey indicated 9.0 million acres or 86 percent of the corn acreage harvested for all purposes received some form of chemical herbicide treatment for weed control. Of the herbicides applied to corn, 8.2 million acres or 78 percent received pre-emergence chemical treatment, up from 67 percent in 1970. Post-emergence treatment was applied to 3.4 million acres or 33 percent of the corn harvested acres in 1971--compared to 27 percent in the previous year.

Propachlor and atrazine continued as the two most commonly used herbicides applied on corn as a pre-emergence treatment--2.6 and 1.9 million acres, respectively. Atrazine was also used in combination with a number of other herbicides. The use of alachlor as a pre-emergence herbicide for corn increased sharply from 1970, going from 285,000 to 981,000 acres in 1971. The principal herbicides used in corn post-emergence treatment were 2,4-D ester and 2,4-D amine, applied to 1.3 and 1.1 million acres, respectively.

CORN: Percent and harvested acreage treated with specified herbicides, by time of application, Illinois, 1968-71

Chemical used	Pre-emergence					Post-emergence				
	1968	1969 1/	1970 1/	1971 1/	1971	1968	1969 1/	1970 1/	1971 1/	1971
	Pct.	Pct.	Pct.	Pct.	000 acres	Pct.	Pct.	Pct.	Pct.	000 acres
alachlor	--	0.5	2.5	9.5	981	--	--	--	--	--
atrazine	17.5	19.0	21.5	18.5	1,946	2.5	2.0	3.0	3.0	328
atrazine with oil	--	--	--	--	--	5.5	4.0	4.0	3.5	359
atrazine & alachlor	--	--	--	3.0	311	--	--	--	--	--
atrazine & butylate	--	3.0	2.0	8.5	891	--	--	--	--	--
atrazine & propachlor	2.5	5.0	6.0	4.5	466	--	--	--	--	--
atrazine & linuron	1.0	1.0	1.0	0.5	74	--	2/	--	--	--
butylate	--	1.0	2.0	2.5	286	--	--	--	--	--
DAA	5.5	2.5	3.5	1.5	147	--	--	--	--	--
DAA-T	1.0	0.5	1.0	0.5	49	--	--	--	--	--
dicamba	2/	2/	--	--	--	0.5	1.0	1.0	2.0	201
TC & 2, 4-D	5.0	5.0	3.5	1.0	82	--	--	--	--	--
propachlor	19.0	23.0	20.0	25.0	2,609	--	--	--	--	--
4-D ester 3/	3.5	2.5	1.5	2.0	221	27.5	17.5	10.5	12.5	1,277
4-D amine	--	--	--	--	--	17.0	12.0	6.5	10.5	1,093
Other	1.0	0.5	2.0	1.0	115	1.0	0.5	2.0	1.5	157
All chemicals	55.0	65.0	67.0	78.0	8,178	54.5	37.0	27.0	33.0	3,415

1969, 1970, and 1971 are percent of corn acreage harvested for all purposes. 2/ Less than 0.5 percent reported. 3/ Includes both high and low volatile esters.

CORN: Percent of treated acreage with specified chemicals, by method application, Illinois, 1970 and 1971 (Both Pre & Post-emergence)

Chemical used	Broadcast					
	Surface applied		Incorporated into soil		Band	
	1970	1971	1970	1971	1970	1971
	- Percent -					
atrazine	55.0	60.0	27.0	28.0	18.0	12.0
atrazine & butylate	1.5	5.5	97.5	93.5	1.0	1.5
atrazine & propachlor	42.0	40.5	4.0	6.0	54.0	53.5
propachlor	5.5	6.5	1.0	2.0	93.5	91.5
4-D ester	89.5	90.5	--	--	10.5	9.5
alachlor	31.5	37.5	9.0	12.5	59.5	50.0
4-D amine	88.5	90.0	--	1.5	11.5	8.5
atrazine & oil	90.0	90.5	1.0	4.0	9.0	5.5
All chemicals	46.5	49.5	15.5	16.0	38.0	34.5

Amiben was the soybean herbicide most commonly used in 1971, being applied to 7 million acres or 38.0 percent of the total soybean acreage. Use of trifluralin increased slightly from 1970, being applied to 1.2 million acres.

SOYBEANS: Acreage treated and percent of total soybean acreage treated by selected herbicides, Illinois, 1968-71 crops

Chemical used	Acreage treated		Percent of soybean acreage treated 1/			
	1971	1968	1969	1970	1971	
	- Thous. acres -		- Percent -			
alachlor	830	--	4.0	6.5	11.5	
lanap plus	--	1.5	0.5	0.5	2/	
amiben	2,711	36.5	39.0	37.0	38.0	
ADAA	--	5.5	3.0	2/	2/	
linuron	322	1.0	3.0	5.5	4.5	
trifluralin	--	0.5	0.5	2/	2/	
trifluralin	1,226	12.0	14.5	15.5	17.0	
terbuthylazine	181	3.0	4.5	3.5	2.5	
alachlor & linuron	232	--	--	--	3.5	
Other	146	2/	1.0	2.0	2.0	
All chemicals	5,648	61.0	70.0	71.5	79.0	

1/ 1968 is percent of planted acreage; 1969, 1970 and 1971 are percent of harvested acreage. 2/ Less than 0.5 percent reported.

SOYBEANS: Percent of treated acreage with specified chemicals, by method of application, Illinois, 1970 and 1971

Chemical used	Broadcast					
	Surface applied		Incorporated into soil		Band	
	1970	1971	1970	1971	1970	1971
	- Percent -					
alachlor	29.5	29.5	4.0	11.5	57.5	49.0
amiben	8.5	11.5	1.5	2.0	90.0	86.5
linuron	65.5	76.0	1.5	3.0	33.0	21.0
trifluralin	6.0	8.5	93.0	88.5	1.0	3.0
terbuthylazine	9.0	4.0	15.0	28.0	76.0	68.0
alachlor & linuron	--	87.0	--	6.5	--	6.5
All chemicals	18.0	22.0	25.0	25.5	57.0	52.5

D. INSECTICIDES

INSECTICIDES: Estimated acres of corn, soybeans, small grains, hay, and total acres treated with insecticides, by districts, Illinois, 1970 and 1971 1/

District	Corn		Soybeans		Small grains 2/		Hay		Total	
	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971
- Thousand acres -										
Northwest	1,179	1,272	10	5	1	1	1	3/	1,191	1,278
Northeast	614	571	11	14	3	1	3/	3/	628	586
West	715	695	30	18	1	3/	1	1	747	714
Central	800	883	7	25	3/	3/	3/	1	807	909
East	575	556	25	13	1	1	3/	2	601	572
West Southwest	799	531	8	5	1	12	9	9	817	557
East Southeast	536	509	28	41	1	16	3	3	568	569
Southwest	193	184	9	5	2	11	29	33	233	233
Southeast	220	233	1	3	3/	7	2	2	223	245
ILLINOIS	5,631	5,434	129	129	10	49	45	51	5,815	5,663

1/ Acres treated more than one time are counted only once. 2/ Includes oats, wheat, barley, and rye. 3/ Less than 1000 acres.

Of the 10.4 million acres of corn harvested for all purposes in 1971, 5.4 million acres received insecticide treatment, compared with 5.6 million acres in 1970 which were treated for insect control. Insecticides applied to corn in 1971 and 1970 included 5.5 and 5.8 million acres treated pre-emergence, respectively. The total acreage treated pre-emergence includes duplication of acreage where more than one insecticide was used on the same acreage, resulting in a larger pre-emergence acreage than actual corn acres treated.

CORN: Estimated acres of corn treated with insecticides by time of application, by districts, Illinois, 1970 and 1971

District	Pre-emergence 1/		Post-emergence 1/		Total 1/		Pre-emergence and/or post-emergence 2/	
	1970	1971	1970	1971	1970	1971	1970	1971
- Thousand acres -								
Northwest	1,222	1,287	48	59	1,270	1,346	1,179	1,272
Northeast	608	561	48	30	656	591	614	571
West	738	717	30	15	768	732	715	695
Central	811	885	45	55	856	940	800	883
East	581	568	38	15	619	583	575	556
West Southwest	829	527	34	28	863	555	799	531
East Southeast	551	520	26	13	577	533	536	509
Southwest	200	182	7	6	207	188	193	184
Southeast	230	241	6	2	236	243	220	233
ILLINOIS	5,770	5,488	282	223	6,052	5,711	5,631	5,434

1/ Acres treated more than once are counted for each treatment. 2/ Acres treated more than once are counted only once.

For insecticide treatment, aldrin was most commonly used for pre-emergence treatment in 1971 and 1970. Aldrin was applied to 2.3 million acres of corn in 1971, compared with 2.6 million acres in 1970. Phorate edged out aldrin for the most commonly used insecticide for corn post-emergence treatment. A relatively small acreage of soybeans, small grains, and hay received treatment. Approximately 5 percent of the acreage treated with insecticides was applied by the farm operator.

Rate of application and estimated acres treated with major insecticides, Illinois, 1970 and 1971

Crop and insecticide	Average rate of application per acre 1/						Estimated acres treated 2/	
	Wettable powder		Granular product		Liquid concentrate		1970	1971
	1970	1971	1970	1971	1970	1971		
	Pounds		Pounds		Quarts	Thousands		
- Insecticides -								
<u>Corn Pre-Emergence</u>								
All insecticides	3.5	4.0	6.4	6.3	1.1	1.2	5,770	5,488
aldrin	--	--	5.7	5.5	1.1	1.3	2,568	2,261
buxten	--	--	8.3	7.4	--	--	831	554
carbofuran	--	--	8.4	8.1	--	--	369	713
chlordane	--	--	--	5.5	--	--	--	88
dasanit	--	--	6.6	6.5	--	--	179	60
diazinon	--	--	5.3	6.1	--	--	144	230
dyfonate	--	--	6.3	5.0	--	--	87	115
heptachlor	--	--	5.6	5.8	--	--	646	428
phorate	--	--	6.5	6.6	--	--	842	928
<u>Corn Post-Emergence</u>								
All insecticides	1.9	--	6.1	6.1	1.0	--	282	223
aldrin	--	--	5.5	5.1	--	--	116	86
diazinon	--	--	6.7	--	--	--	55	6
phorate	--	--	6.6	6.5	--	--	38	90
<u>Soybeans</u>								
All insecticides	2.0	1.0	6.3	9.6	1.2	0.6	129	129
<u>Small Grains</u>								
All insecticides	--	--	--	--	--	--	10	49
<u>Hay</u>								
All insecticides	1.8	--	--	--	1.5	1.6	45	51
diazinon and methoxychlor	--	--	--	--	1.8	2.1	10	30
malathion	--	--	--	--	1.0	1.1	11	4
toxaphene	--	--	--	--	1.7	1.0	7	16

1/ Before diluting. 2/ Acres treated more than once are counted for each treatment.

Data not available for non-cropland. Refer to appendix for 1972 data.

D. REGISTRATION AND CLASSIFICATION

1. Registration

Information regarding registration is included in Part I-3,a and Part II A.

2. Classification (by Illinois personnel)

The following suggestions do not attempt to make pesticide use restrictions less stringent than those issued by the United States Environmental Protection Agency. Auxiliary factors such as tolerances on food products, persistence in the environment, effect on non-target species, and other side effects are considered before a product is registered. However, suggestions in this report are based almost entirely on toxicity and hazard to the user and his application ability. Based on these criteria, groupings depend, first, upon the user's ability to handle products with a minimum of hazard. Homeowners, with only occasional use experiences, should use the least toxic pesticides. By limiting pesticide sales, highly toxic and hazardous pesticides can be kept out of the hands of the amateur, small user, and/or homeowner. The large-scale or commercial user of pesticides should be prepared to handle more hazardous materials. He is expected to contend with occupational

hazards which their use creates.

Classification should be made if more use information is developed about older pesticides and as new pesticides enter market channels.

PESTICIDE CLASSIFICATION IN ILLINOIS - A SUMMARY

A final Report to the Illinois Interagency Committee on the Use of Pesticides, 6/28/72

Several proposals to categorize pesticides in Illinois have been investigated by the subcommittee appointed to study this subject. Two proposals are being submitted.

PROPOSAL 1

This plan lists three categories.

1. General Use Pesticides. For all users, dealers, etc.
2. Restricted Use Pesticides. For those not listed in General Use Pesticides or Special Permit Pesticides.
3. Special Permit Pesticides. Those which are creating extensive problems either to individuals or to the environment.

This proposal recommends that dealers selling Restricted Use Pesticides be required to register with the Department of Agriculture or Public Health and Permit to sell be sent to them. Jobbers, distributors, and formulators must record dealer's permit number.

PROPOSAL 2

This plan essentially divides pesticides used in Illinois into three groups with two subdivisions in two of these groups. These are grouped on the basis of the LD50 of the technical product.

1. General Use Pesticides

Subgroup 1. Those for all users in all-size containers including homeowners.

Subgroup 2. Those for use by semi-commercial users. Not for homeowner use.

2. Restricted Use Pesticides.

Subgroup 1. For commercial users only.

Subgroup 2. For licensed applicators only or if sold to non-licensed individuals, the dealer must report the sale to the Illinois Department of Agriculture. Non-licensed pest control operators will be included in this group until 1 January 1974.

3. Special Permit Pesticides. Those which are creating extensive special problems such as to individuals, to food production, etc.

Listing of Pesticides by Categories--for example only

eral Use Pesticides. Subgroup 1. For sale in all-size containers to anybody.^{1/}

cides and related materials:

n	Morestan
cin	Natriphene
yl (Benlate, Tersan 1991)	Niacide A and M
n (DCNA)	Omazene
n	oxytetracycline (Terramycin)
anil (Spergon)	paraformaldehyde
oneb (Demosan, Tersan SP)	Parnon (EL 241)
othalonil (Daconil 2787,	pentachloronitrobenzene (Terraclor)
vo 75, Exotherm, Termil)	pentachlorophenol (5% or less)
rs, all (fixed, liquid, Bordeaux)	peroxyacetic acid (peracetic acid)
r 8-quinolinolate	Pipron
heximide (Acti-dione)	Plantvax (DCMOD)
broacetic acid (DHA)	Polyram
one (Phygon)	Polysulfide
atan	Quinolinol (Fulex A-D-O, Gerox, Wilson's
	Anti-Damp, Metasol)
enyl (phenyl benzene)	SMDC (Vapam Soil Fumigant, VPM)
anon (Thynon)	sodam
(dimethyl sulfoxide)	sodium benzoate
ne (Cyprex)	sorbic acid
side 1-7, 31-23, A, B, F, G	streptomycin, agricultural formulations
er	(Agrimycin, Agri-Strep, Phytomycin,
ne	Ortho Spray Powder)
am	sulfurs, all
et (Phaltan)	Terrazole
aldehyde	Thiabendazole (TBZ, Mertect)
ric acid	Thiram
din	Tobaz
chlorophene (Nabac, Isobac)	Triarimol (EL-273)
ehold bleach	Truban (ethazol)
ine 2389	Tutane (Frucote)
thane	2,4-Xylenol
n	Vancide 51
ad	Vitavax (DMOC)
and turf fungicides (containing	zinc naphthenate
mercury or cadmium)	zinc petroleum sulfonate
-sulfur	zinc sulfate
b	zineb
b + zinc ion	ziram
er 658 Fungicide	

icides and related materials:

chlor	amiben	benefin
rap	amitrole	bensulide
ryne	atrazine	Bladex

Compounds marketed for commercial users only might be starred.

bromacil	diuron	nitralin
butylate	DMA	nitrofen
cacodylic acid	DSMA	norea
CDAAs	EPTC	pebulate
CDEC	EPTC + 2,4-D	prometryne
chloramben	erbon	propachlor
chlorbromuron	fenuron	pryazon
chloroprotham	fluorodifen	siduron
chloroxuron	linuron	silvex
cycloate	linuron + propachlor	simazine
cyprozine	MAMA	terbacil
dalapon	MCPA	terbutol
DCPA	MCPP	trifluralin
dicamba	metabromuron	2,4-D amine
dichlobenil	monuron	2,4-DB
dichlorprop	MSMA	2,4-D low volatile ester
diphenamid	naptalam	vernolate
diquat	naptalam + CIPC	

Insecticides and related materials:

allethrin	Kepone (bait)
Aramite (non-food only)	Lethane 60
Bacillus popilliae	Lethane 384
Bacillus thuringiensis	lindane (less than 5.0% Liq. or 25% dry)
benzyl benzoate	malathion
biothon (Abate)	methoxychlor
carbaryl (Sevin)	*MGK R11
chlorbenside	*MGK R326
chlordane, 45% E.C., dusts, W.P., G.	Morestan
chlorobenzilate	*naled (Dibrom)
chloropropylate	Omite
chlorpyrifos (Dursban) less than 5%	PDB
crufomate (Ruelene)	Pentac (persistent for indoor use only--as greenhouse)
diazinon (5.0% Sp., 25.0% G. or powders)	piperonyl butoxide
dibutyl phthalate	plictran
dichlorvos (Vapona) 1.0% Sp.; 20% resin strips	propoxpur (Baygon)
dicofol (Kelthane)	pyrethrum
dieldrin 0.5% Sp.	ronnel
dimethoate	tetradifon
dimethyl phthalate	Thanite
*Gardona	trichlorfon (Dylox)

Rodenticides and related materials:
(Ready-to-use pre-packaged)

anticoagulants	1/2% strychnine on seed prepackaged
red squill	

General Use Pesticides. Subgroup 2. Commercial-size packages.

Fungicides and related materials:

acetic acid	dinitro materials (Elgetol)
binapacryl (Morocide)	hexachlorobenzene (HCB)
copper naphthenate	pentachlorophenol (more than 5%)
Dexon	propionic acid

Herbicides and related materials:

bandane	lead arsenate	sodium chlorate
bromoxynil	paraquat	2,3,6-trichlorobenzoic acid
calcium arsenate	PCP	2,4-D high volatile ester
dinoseb	picloram	2,4,5-T
endothall	polychlorobenzoic acid	

Insecticides and related materials:

aldrin, G.	ethion dusts
Akton	famphur (Famphos, Warbex)
*BUX	fenthion--indoors (Baytex)
binapacryl (Morocide)	Galecron--Fundal
chlordane 72%	*heptachlor, G.
chlorpyrifos (Dursban)	*Imidan
*coumaphos (Co-Ral)	lead arsenate
*crotoxyphos (Ciodrin)	lindane--over 5% Liq. or 25% dry
diazinon, over 5% Liq. or 25% dry, E.C., G.	*naled (concentrate (Dibrom))
*dichlorvos (concentrates)	perthane, E.C.
dieldrin seed treater	prophos, 20% G.

Restricted Use Pesticides. Subgroup 1. All commercial users.

Fungicides and related materials:

allyl alcohol (Bedrench)	DMTT (Mylone)
Bromosan	Dorlone
cadmium products (Cadminate, Caddy, Cad-Trete)	EDB (ethylene dibromide)
carbon disulfide	methyl bromide (with 2% chloropicrin)
chloropicrin	methylene chloride
chloropicrin-methyl bromide mixes (Dowfume MC-33, Terr-O-Gas 67)	MIT (Vorlex, Vorlex 201)
DBCP (Nemagon, Fumazone)	Telone
DD (D-D, Vidden-D, Nema fume)	Terro-O-Cide
	Trizone

Herbicides and related materials:

acrolein	allyl alcohol	methyl bromide
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Insecticides and related materials:

aldicarb (Temik) G.	azinphosmethyl	carbophenothion
aldrin E.C.	carbofuran (Furadan) G.	(Trithion) W.P.

nit G.	ethion E.C.	phorate (Thimet) G.
irin E.C.	fenthion (Baytex) E.C.	propoxur (Baygon) E.C.
ate G.	heptachlor E.C.	toxaphene
sulfan W.P., dusts	nicotine	Zectran G.
iodan)	oxydemetonmethyl (Meta-Systox R)	

Fumigants

inum phosphide	chloropicrin	ethylene dichloride
on disulfide	ethylene dibromide	methyl bromide
on tetrachloride		

Insecticides and related materials:

Restricted Use Pesticides. Subgroup 2. Licensed applicators, structural pest control operators without license until January 1, 1974, or commercial applicators if dealer reports sales to State Department of Agriculture.

Insecticides and related materials:

in	Dasanit E.C.	prophos (Mocap)
ofuran (conc.)	disulfoton (Di-Syston)	Sarolex
m	Penephene	

Insecticides and related materials:

Insecticides and related materials:

rin E.C.	dioxathion (Delnav)	methomyl (Lannate)
in	disulfoton (Di-Syston)	methyl parathion
ofuran	Dyfonate 4E	mevinphos (Phosdrin)
nit E.C.	endrin	parathion
ton (Systox)	EPN	phosphamidon

Insecticides and related materials:

coagulant concentrates	phosphorous paste
minicals	red squill concentrates
side baits	strychnine (anything over 1/2% seed-coated in ready-to-use packages)
acide (Bay 33819)	zinc phosphide without emetic

Special Permit Pesticides. Subgroup 3.

Insecticides and related materials:

cury, all types and formulations	sodium arsenite
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Insecticides and related materials:

nic acid	arsenic trioxide	sodium arsenite
nic pentoxide	PMA	

Insecticides and related materials:

DDT
DDD

Rodenticides and related materials:

1080
1081

DDT
Thallium sulphate

ILLINOIS PESTICIDE PROFILE

PART III

August 1973

ILLINOIS PESTICIDE PROFILE

Part III

A. REGIONAL/STATE PROBLEMS ON POLICIES, PROGRAM OPERATIONS

1. EPA Compendium

Region V needs more complimentary copies of the EPA Compendium and notices of cancellation and registration from Headquarters for each State. A copy of the appropriate volume of the compendium and notice of registration and cancellation is needed in the office of the herbicide specialist, entomologist, and plant pathologist.

We have had numerous requests for EPA compendia and notices of registration and cancellation from State specialists. Mr. Dozier's office has stated that they are attempting to maintain their present mailing list without expansion, and this is a problem.

Also, we have ordered EPA compendia from Government Printing Office but delivery has not been effected.

Only two State agencies are being sent notices of pesticide registrations and cancellations, namely, the pesticide coordinator and the State regulatory agency. Frequently, the pesticide coordinator is

out of the office and, consequently, other State specialists, e.g. herbicide, plant pathologists and others cannot contact the coordinator for information.

2. PASS

Objections to the Pesticide Accident Surveillance System have been forwarded to Headquarters. Most states indicated that they:

- a. Do not want to report unverified pesticide accidents.
- b. Prefer a short form giving pertinent information rather than the present legal size PERF.
- c. Want to maintain confidentiality of the accident reports.

Illinois professional personnel have not specifically criticized PASS; fairly good acceptance of PASS.

B. SPECIAL LOCAL NEEDS - PESTICIDE USES

1. State Registered Pesticides

The Illinois Department of Agriculture Division of Feeds, Fertilizers and Standards registers only those products that have an EPA registration. This policy also applies to tank mixes and/or custom mix fertilizer-pesticides blends.

No special "state" registrations are, therefore, anticipated. In addition, the Extension Service personnel are very comfortable with an EPA label, and they do not want to register pesticides statewide or for a local special use or need.

Extension personnel were informed by the University of Illinois that if sued in a damage case involving recommendation of a pesticide (that is not used according to the Federal EPA label) each specialist would be assisted with legal council only.

Please refer to Part II A,b for additional information.

2. Special Permit Pesticides

a. DDT

In accordance with regulations effective 1 January

1970, the sale, use or application of DDT is prohibited in the State of Illinois except where such sale, use, or application receives a permit from either the Director of the Department of Agriculture or the Director of the Department of Public Health acting in his jurisdictional area.

The Director of the Department of Public Health reports that for the period of 1 November 1971 to 31 October 1972, the following permits were issued for DDT for application inside structures where no other substitute pesticides are available, and where the use could not contaminate the environment:

1971

49	Mouse control by structural pest control operators
8	Mouse control by hybrid seed corn warehouses
7	Bat control by structural pest control operators
<u>8</u>	Miscellaneous permits
92	TOTAL

During the same period, the Department of Agriculture issued 6 permits for research purposes.

Prentiss Drug Company (Chicago) was authorized to sell DDT to permit holders.

b. Sodium fluoroacetate 1080 and fluoroacetamide

On March 24, 1972, at a public hearing, the Interagency Committee approved rules and regulations to the Pesticide Control Law promulgated by both the Department of Agriculture and the Department of Public Health. These rules and regulations prohibit the sale, use or application of sodium fluoroacetate (1080) and fluoroacetamide (1081) effective July 1, 1972, except by prior permit from the department having jurisdictional control. Compounds 1080 and 1081 are two closely related rodenticides that are extremely poisonous and dangerous if not used by qualified people.

C. REGIONAL/STATE PROBLEMS ON POLICIES, PROGRAM STRATEGIES

1. Federal/State Working Relationships

Most states have indicated that more EPA Policy making communication, consultation, and planning in cooperation with staff of regulatory, extension and other groups would hasten implementation of FEPCA. Illinois personnel seem to, however, be reasonably content with the present policy.

2. Lead Time for Response to Drafts (for various sections of FEPCA)

Illinois professional personnel have indicated that if given more time the quality of suggestions would be improved.

3. Standards for Classification

Most of the states agree that classification of pesticides should be finished before standards and criteria for training are developed. Illinois personnel also agree.

If pesticide classification could be concluded sooner than the anticipated date, the number of applicators needing certification can be estimated and plans made for training. This would relieve the apprehension

concerning the certification and training job facing
the states.

ILLINOIS PESTICIDE PROFILE SUMMARY

The Illinois laws require registration of pesticides that control insects, weeds, rodents, nematodes, fungi, and also require registration of plant regulators, defoliant, and dessicants.

The Department of Agriculture registered 4,772 pesticides (labels) in 1972; all of the pesticides registered also carried an EPA registration number. The state will continue to register all pesticides; the fee is \$5.00 per brand, if branding is changed, a new fee is charged. The registration fees do not fund the pesticide control program.

Illinois has authority to classify pesticides as restricted and general use; a suggested list is included in the profile. The state also has authority to specify restricted pesticide use and possession to licensed (certified) applicators, persons holding "user permits," and to dealers with a permit or license. Illinois issues 1,514 licenses to commercial pesticide applicators in 1972; a fee of \$25.00 was charged. Employees of commercial operators are also licensed; 1,712 were charged \$10.00 each in 1972. A total of 1,637 public employees were also licensed by the state free of charge. Formulators are not registered or licensed.

The present pesticide budget related to the regulation of applicators is \$118,700, annually. It is estimated by the

Department of Agriculture that the state will need an additional \$1,000,000 to qualify for pesticide applicator certification. Reciprocity is applicable in Illinois.

Commercial applicators and their employees (operators), private applicators, and public operators are tested as a qualification for licensing, but pest control operators are not tested. A bill to regulate pest control operators was submitted to the legislature in March, 1973.

Illinois Department of Agriculture does not issue experimental use permits, but is interested in being authorized by EPA to do so. The state, however, does have authority to suspend registration of a pesticide when continued use would present an "imminent hazard."

The state can prescribe regulations requiring producers (manufacturers) and dealers to maintain records, but does not require records to be kept at this time. The Illinois law provides authority to require private applicators to maintain records of pesticide application, but they do not require it at present.

Illinois Department of Agriculture samples (at the producers and dealers) and analyzes pesticides from manufacturers labeled containers. The state does not sample at the application site. One hundred fifty-one (151) samples were analyzed in 1972.

Illinois has stop sale and civil penalties authority, and they also have authority to regulate transportation, storage, and disposal of pesticides.

The University of Illinois does some monitoring of pesticides in soils, and the Illinois Department of Agriculture also monitors pesticides in various classes of livestock. Research on pesticide use and application, and monitoring are conducted by the Illinois Natural History Survey and the Illinois Department of Agriculture.

The Illinois Department of Agriculture conducts educational and training programs with the State Extension Service, e.g., for commercial applicators and their operators, private applicators, and dealers distributing pesticides. The type of training is outlined in Summaries of Presentations at the Twenty-Fifth Illinois Custom Spray Operators Training School (1973). A list of the various groups attending the school from 1967 - 1973 is included in the profile.

The State of Illinois has authority to promulgate regulations controlling; (1) commercial operators, (2) private operators, (3) testing of pest management consultants and dealers, (4) investigations of pesticide incidents, (5) keeping and using commercial pesticide applicators records, and (6) control of devices; enabling pesticide legislation is not needed.

ILLINOIS PESTICIDE PROFILE

APPENDIX

August 1973

To
Dennis
Best for

78th GENERAL ASSEMBLY
State of Illinois

1973 and 1974

INTRODUCED March 27, 1973 BY Brummet, Alsup, Tipword,
Brinkmeier, Fennessey, Calvo, VonBoeckman, McGrew, J. D. Holloway,
Bradley, Matijevich, Stedelin, Flinn and Harpstrite. Read first
and ordered printed.

SYNOPSIS: Creates Act to license and regulate structural pest control businesses and certify pest control technicians. Establishes minimum standards for selection, formulation and application of pesticides. Establishes the Structural Pest Control Advisory Council.

LRB1895-78-WCF/klm

Fiscal Note Act
may be applicable

1 AN ACT to license and regulate structural pest control
2 businesses and certify pest control technicians and to make
3 certain exemptions for the State and its political
4 subdivisions, to provide penalties for the violation thereof.

5 Be it enacted by the People of the State of Illinois,
6 represented in the General Assembly:

7 Section 1. This Act may be cited as the Structural Pest
8 Control Act.

9 Section 2. It is hereby declared that there exists and
10 may in the future exist within the State of Illinois
11 structural pest control business locations where pesticides
12 are received, stored, formulated or prepared and subsequently
13 used for the control of pests, which may adversely affect the
14 public health and general welfare.

15 Therefore, the purpose of this Act is to protect, promote
16 and preserve the public health and general welfare by
17 providing for the establishment of minimum standards for
18 selection, formulation and application of pesticides and to
19 provide for the licensure of structural pest control
20 businesses, and certification of pest control technicians.

21 Section 3. As used in this Act, unless the context
22 otherwise requires, the terms specified in Sections 3.01
23 through 3.10 have the meanings ascribed to them in those
24 Sections.

25 Section 3.01. "Department" means the Department of
26 Public Health;

27 Section 3.02. "Director" means the Director of Public
28 Health;

29 Section 3.03. "Person" means any individual, group of
30 individuals, association, trust, partnership, corporation,
31 person doing business under an assumed name, county,
32 municipality, the State of Illinois, or any political
33 subdivision or instrument thereof, or any other entity.

1 Section 3.04. "Business Location" means any location
2 where a person is engaged or employed to perform pest control
3 services, store materials, keep records or perform other
4 pertinent activities for the purpose of operating a
5 structural pest control business, but does not include
6 locations which exist primarily for the purpose of accepting
7 telephone calls and messages on behalf of the licensee or
8 private homes of employees of the licensee where small
9 amounts of supplies may be stored for the sole purpose of
10 expediting the performance of pest control services by the
11 employee living in that home;

12 Section 3.05. "Licensee" means a sole proprietorship,
13 firm, or corporation engaged in structural pest control;

14 Section 3.06. "Certified Technician" means an individual
15 who has met the qualifications set forth under Section 5 of
16 this Act;

17 Section 3.07. "Pests" include arthropods (insects,
18 spiders, mites, ticks and related pests), wood infesting
19 organisms, rats, mice, nuisance birds and any other obnoxious
20 or undesirable animals in, on or under structures;

21 Section 3.08. "Structure" means any edifice or building
22 including the contents therein, any patio or terrace
23 connected thereto and the land on which situated, and
24 including any portion of land within the given proprietorship
25 which might constitute a potential harborage for pests which
26 could affect the edifice or building or its contents, any
27 portion of land upon which work has begun for the erection of
28 an edifice, any vehicle used as a common carrier, any dock,
29 wharf, railroad siding or refuse area;

30 Section 3.09. "Structural Pest Control" means and
31 includes the use of any method or device or the application
32 of any substance to prevent, repel, mitigate, curb, control
33 or eradicate any pest in, on or under a structure; the use of
34 any pesticide, fungicide, insecticide, attractant, repellent,
35 rodenticide, fumigant or mechanical device for preventing,

1 controlling, eradicating, identifying, mitigating,
2 diminishing or curbing insects, vermin, rats, mice or other
3 pests in, on or under a structure; vault fumigation and
4 fumigation of box cars, trucks, ships, airplanes, docks,
5 warehouses and common carriers; or soliciting to perform any
6 of the foregoing functions.

7 Section 3.10. "Council" means the Structural Pest
8 Control Advisory Council.

9 Section 4. It shall be unlawful for any person to engage
10 in structural pest control at any business location in this
11 State after January 1, 1974, unless licensed by the
12 Department to operate at such business location. Any person
13 may make application for a license with the Department to
14 operate a structural pest control business. Such application
15 shall be on forms provided by the Department accompanied by
16 the required fee. A person shall have a separate license to
17 engage in structural pest control at each business location.
18 If a licensee changes its business address during the license
19 year, the Department shall be notified in writing of the new
20 address within 15 days after the licensee vacates the
21 previous address. The license shall be surrendered and a
22 replacement license issued for a fee of \$5. Every business
23 location shall be supervised by a certified technician.
24 Every licensee shall display its license at its business
25 location. No licensee may use its license in any form of
26 advertising.

27 All licenses issued under this Act shall expire on
28 December 31 of the year issued. A license may be renewed by
29 making application in a form prescribed by the Department and
30 by paying the fee required by this Act. Renewal applications
31 shall be filed with the Department prior to December 1 of
32 each year.

33 Section 5. No person shall operate as or hold himself
34 out to be a certified technician in this State unless
35 certified by the Department. An individual shall become

1 qualified to receive a structural pest control technician's
2 certificate by filing an application for certification with
3 the Department evidencing the following qualifications:

4 (a) That he is 21 years of age;

5 (b) That he has: (1) one year experience as an employee
6 in structural pest control under the supervision of a
7 certified technician; or

8 (2) a degree from a recognized college or university
9 with a minimum of 12 semester hours, or their equivalent, in
10 entomology or related fields together with 6 months practical
11 experience in structural pest control under the supervision
12 of a certified technician; or

13 (3) successfully passed the Purdue University pest
14 control correspondence course or its equivalent from another
15 recognized college or university together with 6 months
16 practical experience in structural pest control under the
17 supervision of a certified technician;

18 (c) That he has paid the fee required for application;
19 and

20 (d) That he has passed the examination required by this
21 Act.

22 Section 6. A certified technician's certificate shall be
23 valid, unless revoked or suspended for cause, for a period of
24 3 years and must be renewed by January 1 of each third year.
25 A certificate may be renewed by application upon a form
26 prescribed by the Department and by paying the fee required
27 by this Act. Renewal applications shall be filed with the
28 Department prior to December 1 preceding the date of
29 expiration.

30 Certified technician's certificates are not transferable
31 from one person to another person, and no licensee shall use
32 the certificate of a certified technician to secure or hold a
33 license unless the holder of such certificate is actively
34 engaged in the direction of the pest control operations of
35 the licensee.

1 A certified technician who is inactive in structural pest
2 control for a period of not more than 3 consecutive years may
3 secure a renewal during those 3 years upon payment of all
4 past fees.

5 Section 7. Applications for examination shall be in the
6 form prescribed by the Department and shall be accompanied by
7 the required fee. The Department shall conduct written
8 examinations at least 4 times each year and may include a
9 practical demonstration by each applicant. The written
10 examination shall be prepared from suggested study materials.
11 An applicant who fails to pass the examination may make
12 application for the next examination, accompanied by the fee
13 required for an original examination.

14 Section 8. When the designated certified technician dies
15 or is changed, the licensee shall notify the Director
16 forthwith and the licensee shall proceed immediately to
17 secure the supervision of a certified technician; provided
18 that no licensee shall be without a certified technician more
19 than 3 months in any calendar year. Additional time may be
20 allowed to a licensee by the Department to secure the
21 services of a certified technician under hardship
22 circumstances.

23 Section 9. The fees required by this Act are as follows:

- 24 (a) For an original license and each renewal - \$25.
25 (b) For an original certificate and each renewal - \$10.
26 (c) For an application for examination - \$25.

27 All fees shall be paid by check or money order and are
28 not refundable. Every application for a license or renewal
29 shall be accompanied by a certificate of insurance issued by
30 an insurance company authorized to do business in the State
31 of Illinois, which provided public liability coverage of the
32 applicant or licensee for personal injuries for not less than
33 \$250,000 per person, or \$500,000 per occurrence, and not less
34 than \$200,000 for property damage resulting from structural
35 pest control.

1 Section 10. The Department has the following powers and
2 duties:

3 (a) To prescribe and furnish application forms,
4 licenses, certificates and any other forms necessary under
5 this Act;

6 (b) To suspend, revoke or refuse to issue or renew
7 licenses or certificates for cause;

8 (c) To prescribe examinations which reasonably test the
9 knowledge of the practical and scientific aspects of
10 structural pest control of an applicant for certification as
11 a certified technician;

12 (d) To conduct hearings concerning the suspension,
13 revocation or refusal to issue or renew certificates or
14 licenses;

15 (e) To promulgate rules and regulations necessary for
16 the administration of this Act;

17 (f) To prohibit the use of specific materials and
18 methods in the application of pesticides when necessary to
19 protect health and property or prevent injury to desirable
20 plants and animals, including pollination insects, birds and
21 aquatic life. In issuing such regulations, the Director
22 shall give consideration to pertinent research findings and
23 to recommendations of other agencies of the State, of the
24 Federal government and of the Council.

25 Section 11. The Director shall appoint a Structural Pest
26 Control Advisory Council consisting of 5 members to consult
27 and advise with the Department. One member shall be engaged
28 in teaching or research in Entomology, Biology or Zoology
29 related to structural pest control, 1 member shall be
30 employed in a local health department and 3 members who are
31 engaged in structural pest control and who are certified
32 technicians under this Act. All members shall be residents
33 of the State. The term of office for each member of the
34 Council shall be for 3 years, but the first year shall be
35 for each of the members of the Council from the structural

1 pest control industry shall be for 1, 2 and 3 years
2 respectively. No two industry members may be from the same
3 company, nor may any pest control company have any
4 representative on the Council for more than 2 consecutive
5 terms.

6 In order to promote the best representation of the pest
7 control industry throughout the State of Illinois, one
8 certified technician on the Council shall be a member of a
9 licensed pest control firm in Cook County, one certified
10 technician shall be a member of a licensed pest control firm
11 in the State of Illinois located north of latitude 40 outside
12 of Cook County and one certified technician on the Council
13 shall be a member of licensed pest control firm in the State
14 of Illinois located south of latitude 40. In making
15 appointments to the Council, the Director may consider
16 certified technicians nominated by the Illinois Pest Control
17 Association.

18 Each member of the Council shall receive \$50 per diem
19 while actually engaged in the activities of the Council,
20 authorized by the Director, and shall be reimbursed for his
21 actual travel and other expenses incurred in the performance
22 of these duties.

23 The Council shall consult with and advise the Department
24 in:

25 (a) The preparation of reasonable rules as may be
26 necessary to protect the interest, health and safety of the
27 public and to carry out the provisions of this Act;

28 (b) The preparation of written examinations of
29 applicants for certification.

30 The Council may review the results of an unsuccessful
31 examination taken by an applicant for a certified
32 technician's certificate by a written request to the Director
33 signed by 3 or more members of the Council, and shall report
34 thereon to the Department.

35 Section 12. After consideration of the recommendations

1 of the Council and subject to the requirement for public
2 hearings as hereinafter provided, the Department shall
3 promulgate, publish, and adopt, and may from time to time
4 after consideration of recommendations of the Council and
5 public hearing amend such rules and regulations as may be
6 necessary for the proper enforcement of this Act, to protect
7 the health and safety of the public and may, when necessary,
8 utilize the services of any other state agencies to assist in
9 carrying out the purposes of this Act. The Department shall
10 hold a public hearing on all proposed rules and regulations.
11 At least 20 day's notice of such public hearing shall be
12 given by the Department in such manner as the Department
13 considers adequate to bring such hearing to the attention of
14 persons interested in such rules and regulations. Notice of
15 any such public hearing shall be given by the Department to
16 those who file a written request for a notice of any such
17 hearings. Hearings shall be conducted by the Director or a
18 Hearing Officer designated in writing by the Director. Such
19 rules and regulations shall be filed with the Secretary of
20 State as a public record. The Department may, without public
21 hearings, promulgate rules and regulations governing the
22 procedure for hearings as provided in this Act.

23 Section 13. Whenever the Department determines that
24 there are reasonable grounds to believe that there has been
25 violation of any provision of this Act or the rules and
26 regulations issued hereunder, the Department shall give
27 notice of such alleged violation to the person or certified
28 technician to whom the license or certificate was issued, as
29 herein provided. Such notice shall:

- 30 (a) be in writing;
- 31 (b) include a statement of the reasons for the issuance
32 of the notice;
- 33 (c) allow reasonable time as determined by the
34 Department for the performance of any act it requires;
- 35 (d) be served upon the licensee, or certified technician

1 as the case may require; provided that such notice or order
2 shall be deemed to have been properly served upon the
3 licensee or certified technician when a copy thereof has been
4 sent by registered or certified mail to his last known
5 address as furnished to the Department; or, when he has been
6 served with such notice by any other method authorized by the
7 laws of this State;

8 (e) contain an outline of remedial action, which, if
9 taken, will effect compliance with the provisions of this Act
10 and the rules and regulations issued hereunder.

11 Section 14. The Department may suspend, revoke, or
12 refuse to issue or renew any certificate or license upon
13 proof of any of the following:

14 (a) Violation of this Act or any rule promulgated
15 hereunder;

16 (b) Conviction of a certified technician or licensee of
17 a violation of any provision of this Act or of pest control
18 laws in any other state;

19 (c) Knowingly making false or fraudulent claims,
20 misrepresenting the effects of material or methods or failing
21 to use methods or materials suitable for structural pest
22 control;

23 (d) Performing structural pest control in a negligent
24 manner so as to be detrimental to health;

25 (e) Failure to supply within a reasonable time upon
26 request from the Department or its authorized representative,
27 true information regarding methods and materials used, work
28 performed or other information essential to the
29 administration of this Act;

30 (f) Fraudulent advertising or solicitations.

31 The Department shall in any proceeding to suspend, revoke
32 or refuse to issue a license or certificate, first serve or
33 cause to be served upon the applicant, licensee or certified
34 technician a written notice specifying the way or ways in
35 which such applicant, licensee, or certified technician has

1 failed to comply with this Act, or any rules, regulations or
2 standards promulgated by the Department pertaining thereto.
3 In the case of revocation or suspension, this notice shall
4 require the licensee to remove or abate such violation or
5 objectionable condition, specified in such notice, within 5
6 days or within a longer period of time, as may be allowed by
7 the Department; if the licensee fails to comply with the
8 terms and conditions of the notice, within the time specified
9 or such extended period of time, the Department may revoke or
10 suspend such license. If an applicant fails to comply with
11 the Act, rules or regulations or standards promulgated
12 thereunder, the Department may refuse to issue a license.

13 Section 15. The Department shall give written notice by
14 certified or registered mail to any applicant, licensee or
15 certified technician that the application has been denied or
16 that the license or certificate is revoked or suspended.
17 Such person has a right to a hearing before the Department;
18 however, a written notice of a request for such a hearing
19 shall be served on the Department within 10 days of notice of
20 such refusal of a license or suspension or revocation
21 thereof. The hearing shall be conducted by the Director, or
22 a Hearing Officer designated in writing by the Director, to
23 conduct the hearing. A stenographic record shall be made of
24 the hearing and the cost borne by the Department; however, a
25 transcription of the hearing will be made only if a person
26 requests and shall be transcribed at the cost of such person.

27 The hearing shall be conducted at such place as
28 designated by the Department. The Director shall give
29 written notice of the time and place of hearing, by
30 registered mail, to the applicant, licensee or certified
31 technician, as the case may be, at least 20 days before such
32 hearing. The Director or Hearing Officer shall permit the
33 applicant, licensee or certified technician to appear in
34 person or to be represented by counsel at the hearing at
35 which time such party shall be afforded an opportunity to

1 present all relevant matter in support of his application for
2 license or certificate or in resisting the revocation or
3 suspension thereof.

4 Section 16. The Director or Hearing Officer may compel
5 by subpoena or subpoena duces tecum the attendance and
6 testimony of witnesses and the production of books and papers
7 and administer oaths to witnesses. All subpoenas issued by
8 the Director or Hearing Officer may be served as provided for
9 in a civil action. The fees of witnesses for attendance and
10 travel shall be the same as the fees for witnesses before the
11 circuit court and shall be paid by the party to such
12 proceeding at whose request the subpoena is issued. If such
13 subpoena is issued at the request of the Department, the
14 witness fee shall be paid as an administrative expense.

15 In the cases of refusal of a witness to attend or
16 testify, or to produce books or papers, concerning any matter
17 upon which he might be lawfully examined, the circuit court
18 of the county where the hearing is held, or a judge thereof,
19 upon application of any party to the proceeding, may compel
20 obedience by proceeding as for contempt.

21 Section 17. In the event of the inability of any party,
22 or the Department, to procure the attendance of witnesses to
23 give testimony or produce books and papers, such party or the
24 Department may take the deposition of witnesses in accordance
25 with the laws of this State. All testimony taken at a
26 hearing shall be reduced to writing, and all such testimony
27 and other evidence introduced at the hearing shall be a part
28 of the record of the hearing.

29 Section 18. The Director shall make findings of fact in
30 such hearing, and the Director shall render his decision
31 within 30 days after the termination of the hearing, unless
32 additional time is required by him for a proper disposition
33 of the matter. When the hearing has been conducted by a
34 Hearing Officer, the Director shall review the findings of
35 fact and recommendations of the Hearing Officer, and the

1 transcribed record if a party has requested and paid for such
2 record before rendering a decision. It shall be the duty of
3 the Director to forward a copy of his decision, by registered
4 or certified mail, to the applicant, licensee or certified
5 technician, as the case may be within 5 days of rendition of
6 such decision. Technical errors in the proceeding before the
7 Director or Hearing Officer or their failure to observe the
8 technical rules of evidence shall not be grounds for the
9 reversal of any administrative decision unless it appears to
10 the court that such error or failure materially affects the
11 rights of any party and results in substantial injustice to
12 him.

13 Section 19. The Department is not required to certify
14 any record or file any answer or otherwise appear in any
15 proceeding for judicial review unless the party filing the
16 complaint deposits with the clerk of the court the sum of \$1
17 per page representing costs of such certification. Failure
18 on the part of the plaintiff to make such deposit shall be
19 grounds for dismissal of the action.

20 Section 20. The performance of structural pest control
21 or the operation of a business location as defined in Section
22 3 of this Act within this State in violation of this Act or
23 the rules and regulations promulgated hereunder is declared a
24 nuisance and inimical to the public health, welfare and
25 safety. The Director, in the name of the people of the
26 State, through the Attorney General or the State's Attorney
27 of the county in which such violation occurs may, in addition
28 to other remedies herein provided, bring an action for an
29 injunction to restrain such violation or enjoin the future
30 performance of structural pest control or the operating of a
31 business location until compliance with the provisions of
32 this Act has been obtained.

33 Section 21. Any person who violates this Act or any rule
34 or regulation adopted by the Department, or who violates any
35 determination or order of the Department under this Act shall

1 be guilty of a Class A misdemeanor and shall be fined a sum
2 not less than \$100.

3 Each day's violation constitutes a separate offense. The
4 State's Attorney of the county in which the violation
5 occurred or the Attorney General shall bring such actions in
6 the name of the people of the State of Illinois.

7 Section 22. The provisions of this Act apply to any
8 structural pest control operations performed by the State or
9 any political subdivision or agency thereof. However, the
10 State or any political subdivision or agency thereof shall
11 not be required to obtain any license or pay any fees.

12 This Act does not apply to:

13 (a) Structural pest control performed by a person upon
14 his own individual property other than fumigation;

15 (b) Pest control measures used in greenhouses,
16 nurseries, for plants, agricultural crops in the field, trees
17 or orchards;

18 (c) Fumigation or other pest control measures performed
19 on agricultural products in transit or storage or upon the
20 storage or transporting facilities, when such measures are
21 performed by the owners of the given storage or transporting
22 facilities;

23 (d) The use of wood preservatives used only on wood,
24 properly pretreated timber, properly pretreated lumber or to
25 metal shields used in the construction of structures.

26 Section 23. The "Administrative Review Act", approved
27 May 8, 1945, as amended, and the rules adopted under the
28 "Administrative Review Act", apply to and govern all
29 proceedings for judicial review of final administrative
30 decisions of the Department under this Act. The term
31 "Administrative decision" is defined as in Section 1 of the
32 "Administrative Review Act".

33 Section 24. If any part of this Act is adjudged invalid,
34 such adjudication shall not affect the validity of the Act as
35 a whole or of any other part.

1 Section 25. A person actively engaged in structural pest
2 control work at least 6 months prior to the effective date of
3 this Act, as an owner-operator or as an employee who directs
4 or is responsible for the pest control activities shall be
5 exempt from any initial examination and qualifications for
6 examinations as specified in Act, and shall be granted a
7 certified technician's certificate if he produces written
8 affidavits verifying that these conditions have been met, and
9 if he makes application to the Department within 1 year after
10 the effective date of this Act.

REGULATIONS FOR THE
"PESTICIDE CONTROL LAW"

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
BUREAU OF ENVIRONMENTAL HEALTH

1972

REGULATIONS FOR THE
"PESTICIDE CONTROL LAW"

Pursuant to the authority granted the Department of Public Health by "An Act to provide for the labeling of pesticides and to prevent the contamination of water and environment by regulating, rescripting or prohibiting the sale, use or application of pesticides", approved June 25, 1969.

ARTICLE I

Pesticide Restriction

Reg. 1.1.

The sale, use or application of dichloro diphenyl trichloroethane (DDT) is prohibited in the State of Illinois, effective January 1, 1970, except where such sale, use or application has received a prior permit from the Director of the Department of Public Health acting in his jurisdictional area as defined in Section 4 of the "Pesticide Control Law." "It is the duty of the Department of Public Health to enforce the provisions of this Act in the control of pesticides as they relate to the health of the public, including the retail sale of pesticides for household use, vector control, including mosquito and fly control whether by Pest Control Operators or governmental agencies; and control of disease carrying isects and related animals, rodents and birds and other mammals."¹

Reg. 1.2.

The sale, use or application of sodium fluoroacetate, 1080 ($\text{CH}_2 \text{FCOON}_a$) and fluoroacetamide, 1081 ($\text{FCH}_2 \text{COHN}_2$) is prohibited in the State of Illinois, effective July 1, 1972, except where such sale, use or application has received a prior permit from the Director of the Department of Public Health acting in his jurisdictional area as defined in Section 4 of the "Pesticide Control Law." "It is the duty of Department of Public Health to enforce the provisions of this Act in the control of pesticides as they relate to the health of the public, including the retail sale of pesticides for household use, vector control, including mosquito and fly control whether by Pest Control Operators or governmental agencies; and control of disease carrying insects and related animals, rodents and birds and other mammals."¹

ARTICLE II
Permits

Reg. 2.1.

Application to the Department for a permit to purchase, use and apply DDT

¹Quoted from Section 4 of the "Pesticide Control Law" as it pertains to the Department.

shall describe:

- A. The nature of the problem,
- B. Area or facility to be treated,
- C. The date or dates of application,
- D. The application rate and manner of application,
- E. The total quantity of DDT to be used,
- F. Additional information pertinent to the request.

Reg. 2.2.

Such permit shall be granted only when there is an immediate and serious threat by pests to the health and/or welfare of the citizens of Illinois and when no other effective pesticide is available.

Reg. 2.3.

DDT for the control of Dutch Elm Disease is prohibited effective January 1, 1970.

Reg. 2.4.

Application to the Department for a permit to purchase, use and apply sodium fluoroacetate or fluoroacetamide shall describe:

- A. The nature of the problem,
- B. Area or facility to be treated,
- C. The date or dates of application,
- D. The application rate and manner of application,
- E. The total quantity of sodium fluoroacetate or fluoroacetamide to be used,
- F. Additional information pertinent to the request.

Reg. 2.5.

Such permit shall be granted only when a serious rodent problem exists and valid evidence indicates that less toxic rodenticides would not provide effective control.

ARTICLE III
Vendor Responsibility

Reg. 3.1.

It is the responsibility of any vendor of DDT to maintain records of all sales and a copy of the permit authorizing the purchase for a period of one year after sale.

Reg. 3.2.

All vendors of DDT shall annually submit to the Department issuing the permit a report on or before November 1 of each year the amount of DDT sold since last filing date.

Reg. 3.3.

It is the responsibility of any vendor of sodium fluoroacetate or fluoroacetamide to maintain records of all sales to government agencies, pest control operators or any other person who has been issued a permit to purchase, use and apply sodium fluoroacetate or fluoroacetamide in Illinois.

Reg. 3.4.

All vendors of sodium fluoroacetate or fluoroacetamide shall annually submit to the Department issuing the permit a report on or before November 1 of each year the amount of sodium fluoroacetate or fluoroacetamide sold since last filing date.

SENATE BILL 1177

78th GENERAL ASSEMBLY
State of Illinois

1973 and 1974

INTRODUCED May 22, 1973, BY Senators Knuppel, Partee, Donnewald, Rock,
Latherow, Bartulis, Mitchler, Wooten and Merritt.

SYNOPSIS: (Ch. 5, new pars. 277 and 278)

Amends Act on Interagency Committee on Pesticides. Adds Sections authorizing Committee to cooperate with and receive grants from Federal and State agencies to secure uniformity of regulations and to cooperate in enforcement of pesticide laws. Designates Department of Agriculture to accept grants from federal government.

LRB3467-78-MJL/lkd

A BILL FOR

1 AN ACT to add Sections 7 and 8 to "An Act to create an
2 interagency committee on pesticides to study, advise and
3 recommend any needed legislation concerning pesticides, and
4 to approve all proposed rules and regulations pertaining to
5 the labeling, sale, use or application of pesticides",
6 approved August 9, 1965, as amended.

7 Be it enacted by the People of the State of Illinois,
8 represented in the General Assembly:

9 Section 1. Sections 7 and 8 are added to "An Act to
10 create an interagency committee on pesticides to study,
11 advise and recommend any needed legislation concerning
12 pesticides, and to approve all proposed rules and regulations
13 pertaining to the labeling, sale, use or application of
14 pesticides", approved August 9, 1965, as amended, the added
15 Sections to read as follows:

16 Sec. 7. The Committee may cooperate with, receive
17 grants-in-aid from, and enter into cooperative agreements
18 with any agency of the federal government, of this State or
19 its subdivisions, or with any agency of another State, in
20 order:

21 (1) To secure uniformity of regulations;

22 (2) To enter into cooperative agreements with the federal
23 EPA to register pesticides under the authority of the Federal
24 Insecticide, Fungicide, and Rodenticide Act and applicable
25 Acts of the State of Illinois;

26 (3) To cooperate in the enforcement of the Federal
27 Pesticide Control Laws through the use of State and federal
28 personnel and facilities and to implement cooperative
29 enforcement programs including, but not limited to, the
30 registration and inspection of establishments;

31 (4) To enter into contracts with other agencies including
32 federal agencies for the purpose of training pesticide dealer
33 managers and pesticide management consultants.

1 Sec. 8. The Department of Agriculture is designated as
2 the State Agency responsible to accept and receive
3 grants-in-aid from the federal government. Such grants shall
4 be disbursed in accordance with the directives and policies
5 of the interagency committee on pesticides. The Director of
6 the Department of Agriculture as authorized by the
7 interagency committee shall execute agreements and contracts
8 as chairman of the interagency committee on pesticides.

ILLINOIS INTERAGENCY COMMITTEE ON PESTICIDES

An Act to create an interagency committee on pesticides to study and to advise in the use of pesticides, and to recommend any needed legislation concerning pesticides.

272. There is created an interagency committee on pesticides to consist of the :

- 1) Director of Department of Agriculture
- 2) Director of Department of Conservation
- 3) Director of Department of Public Health
- 4) Director of the Department of Public Works & Building
- 5) Chief, State Natural History Survey
- 6) Dean of College of Agriculture, University of Illinois

Each member of the committee may designate some person in his department to serve on the committee in his stead.

The Director of the Department of Agriculture shall be chairman of this committee.

273. Duties of the committee.

The interagency committee shall:

- 1) Review the current status of the sales and use of pesticides within the State of Illinois;
- 2) Review pesticide programs to be sponsored or directed by a governmental agency;

- 3) Consider the problems arising from pesticides use with particular emphasis on the possible adverse effects or hazards to human health, livestock, crops, fish and wildlife, or to business, industry, agriculture, or the general public;
- 4) Recommend legislation to the Governor, if appropriate, which will prohibit the irresponsible use of pesticides;
- 5) Contact various experts and lay groups such as the Illinois Pesticide Control Committee to obtain their views and cooperation;
- 6) Advise on and approve of all programs involving the use of pesticides on state-owned property, state-controlled property, or administered by state agencies, this shall not be construed to include research programs or to the generally accepted and label-approved practices essential to good farm and institutional management on the premises of the various state institutions.

274. Members of this committee shall receive no compensation for their services as members of this committee other than that provided by law for their respective positions with the State of Illinois. All necessary expenses for travel of the committee members shall be paid out of regular appropriations of their respective agencies.

275. The committee shall meet at least once each quarter calendar year, and may hold additional meetings upon the call of the

chairman. Four members shall constitute a quorum.

276. The committee shall make a detailed report of its findings and recommendations to the Governor of Illinois prior to the 75th Session of the General Assembly of Illinois, and prior to each later General Assembly Session.

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State Fairgrounds
Springfield, Illinois 62706
AC 217, 525-2172

Secretary

Kenneth P. Hayes, Superintendent
Division of Plant Industry
Department of Agriculture
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(Not considered a member of the Committee)

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CHEMICAL CONTROLS - APPROVED FOR 1970
for
STATE LEASED - CORPS LAND

<u>PESTICIDE</u>	<u>TARGET</u>	<u>RATE (MAX)</u>	<u>CARRIER</u>
Amiben-Granular	Weeds in soybeans	20 lbs/acre	Granular
Amiben-Solution	Weeds in soybeans	2.5 lbs/acre	Solution
Atrazine	Weeds & Grass in corn	4 lbs/acre	Solution
Atrazine & Lorox	Weeds & Grass in corn	1.5 lbs/acre	Solution
Dalapon	Johnson grass	10 lbs/acre	Solution
Diazinon	Corn rootworm	1.5 lbs/acre	Granular
Ramrod	Grass in corn	4 lbs/acre	Granular
Trifluralin	Weeds in soybeans	1.5 lbs/acre	Solution
Ureabor	Soil Sterilant	20 lbs/acre	Granular
Silvex	Maple	8 lbs/acre	As directed
Lasso	Grass & Weeds in corn & soybeans	2 lbs/acre	Solution
Primaze	Weeds & Grass in corn & soybeans	3 lbs/acre	Solution
4 (2,4-DB) Amine	Cocklebur in soybeans	0.2 lbs/acre	Solution
2,4-D Propylene Glycol Butyl Ether Ester	Weeds and willow	2 lbs/acre	Solution
2,4-D Propylene Glycol Butyl Ether Ester	Willow	2 lbs/acre	Solution
2,4-D Butyl Ester and 2,4-D Dimethylamine	Weeds & generally brushy vegetation	4 lbs/acre	Solution
2,4-D Dimethylamine	Weeds in corn	2 lbs/acre	Solution
2,4-D Butyl Ester	Weeds in corn	2 lbs/acre	Solution

Insecticide Use in Illinois - 1972

estimated 6,768,851 acres of field crops were treated with insecticides in 1972, with a savings from crop loss to farmers of \$23,765,461 over and above treatments (Table 1). The control of soil insects in corn accounted for 90 percent of estimated profits from using insecticides. Illinois farmers during the last years have realized an estimated total net savings of \$278,197,620 from insecticides (Table 2). Regardless of detrimental statements being made, insecticides are clearly necessary to the profitable production of field crops. The percentage of acres treated by aerial and ground applicators and by individual farmers is given in Tables 3 and 4.

INSECTS

soil insects. The major use of insecticides in Illinois in 1972 was for controlling soil insects in corn. Approximately 61 percent of the total corn acreage in Illinois was treated with soil insecticides, saving farmers an estimated \$298,648 above treatment costs. Approximately 3,852,239 acres were treated with organophosphate and carbamate insecticides, primarily continuous corn in the northern half of Illinois. The use of the chlorinated hydrocarbons (aldrin, heptachlor, and chlordane) continues to decline (Table 5).

corn rootworms. For 1973, the areas with the greatest potential for corn rootworm damage will be in western, northwestern, and central sections of Illinois (Figure 1). In general, fields in continuous corn for three years or more in the area north of a line from Pittsfield to Springfield to Joliet may incur moderate to severe damage by corn rootworms. Damage to second-year corn by western corn rootworms may also occur in this area. Farmers in this area who have experienced rootworm damage in past years, and who have continuous corn, should continue a rootworm control program. Noneconomic or light damage is expected in the remaining area south of a line from St. Louis to Danville.

A few reports of corn rootworm damage were received in 1972. This can be attributed largely to the extensive use of rootworm insecticides in the program areas. The rootworm problem seems to be under control. An estimated 3,680,560 acres of corn were treated with soil insecticides specifically for the purpose of controlling corn rootworms in 1972.

Table 1. Acres of Field Crops Treated With Insecticides and Profit From Treatments, Illinois, 1972, Estimated From Reports by County Extension Advisers

Crop and insect	Acres treated	Estimated profit ^{a/}
<i>Corn</i>		
Armyworms	24,695	\$ 37,043
Corn rootworm adults	36,002	144,008
Corn leaf aphids	55,669	389,683
Cutworms	124,430	746,580
European corn borers	69,944	104,916
Grasshoppers	51,882	51,882
Soil insects (corn rootworm 3,680,500)	6,085,328	21,298,648 ^{b/}
Fall armyworms	4,609	11,523
TOTAL	6,452,559	\$22,784,285
<i>Soybeans</i>		
Grasshoppers	25,984	\$ 77,952
Spider mites	3,896	5,844
TOTAL	29,880	\$ 83,796
<i>Wheat</i>		
Armyworms	75,220	\$ 300,880
<i>Sorghum</i>		
Webworm, corn earworm, etc.	5,568	\$ 8,352
<i>Clover and alfalfa</i>		
Alfalfa webworms	891	\$ 5,346
Alfalfa weevils	104,333	417,332
Clover leaf weevils	2,750	4,125
Grasshoppers	82,890	124,335
Meadow spittlebugs	143	286
Potato leafhoppers	7,125	14,250
TOTAL	198,132	\$ 565,674
<i>Sunflower insects</i>	7,492	\$ 22,476
1971 TOTAL	6,809,905	\$23,092,825
1972 TOTAL	6,768,851	\$23,765,461

a/ Over and above treatment costs.

b/ Based on yield increase from use of rootworm insecticides.

Table 2. *Estimated Annual Profits From Using Insecticides to Control Insects in Field Crops, Illinois, 1963-1972*

Year	Profits	Year	Profits
1963	\$23,197,432	1969	\$36,413,387
1964	18,775,550	1970	27,501,930
1965	27,659,463	1971	23,092,825
1966	29,593,337	1972	23,765,461
1967	34,261,152		
1968	33,937,083	TOTAL	\$278,197,620

Table 3. *Percent of Total Field Crops Treated by Commercial and Private Applicators in Illinois, 1958 Through 1972*

Year	Percent of total acreage treated		
	Airplane application	Ground application	
		Commercial	Individual
1958	3.0	19.5	77.5 ^a
1959	2.6	14.5	82.9
1960	5.6	11.9	82.5
1961	7.4	12.0	80.6
1962	9.9	12.3	77.8
1963	9.2	18.8	72.0
1964	10.1	8.4	81.5
1965	4.9	10.4	84.3
1966	5.8	13.8	80.4
1967	5.5	14.7	79.8
1968	7.1	13.4	79.5
1969	5.3	15.2	79.5
1970	4.5	16.0	79.5
1971	5.5	13.9	80.6
1972	3.8	15.3	80.9

^a First year in which soil insecticides were included in these calculations.

Table 4. Number of Acres Treated, by Method, for Certain Insects in Illinois, 1972

Insect	Airplane application	Ground application	
		Commercial	Individual
lover and alfalfa insects	29,852	23,233	51,571
orn soil insects	63,203	803,841	4,824,451
uropean corn borer	20,186	27,354	18,595
asshoppers	17,212	54,215	70,637
orn leaf aphids	21,067	30,448	14,154
orghum insects	3,390	559	1,619
myworms	78,328	6,182	24,716
TOTAL	223,238	945,832	4,995,743

Table 5. Number of Corn Acres Treated With Different Types of Soil Insecticides, 1964 Through 1972

Year	Chlorinated hydrocarbons	Organic phosphates and carbamates
1964	4,009,303	81,822
1965	4,544,432	189,352
1966	5,116,605	326,592
1967	5,601,572	602,721
1968	5,170,726	1,091,143
1969	4,517,931	1,990,138
1970	3,844,740	2,765,547
1971	2,723,119	3,418,920
1972	1,933,089	3,852,239

MOSQUITO ABATEMENT DISTRICTS

Formation of Mosquito Abatement Districts

An act providing for the organization, operation and dissolution of mosquito abatement districts and providing for the levy, collection and disbursement of taxes therein. (approved July 7, 1927)

Provisions:

74. Petition for Referendum to Organize. Any contiguous territory having a population of not less than 300 inhabitants and no part of which is already included in a mosquito abatement district may organize such a district.

Any 5% of the legal voters within the limits of the proposed mosquito abatement district may petition the circuit court for the county in which such territory lies, to cause the question whether such territory shall be organized as a mosquito abatement district under this Act to be submitted to the legal voters of such territory, but every petition shall be signed by at least 25 legal voters residing within said territory, and in case such territory includes more than one city, village or incorporated town or any portions thereof, or includes one or more cities, villages or incorporated towns, or any portion thereof and territory not a part of any city, village or incorporated town, then such petition must be signed by at least 5% of the legal voters residing in each of the said cities, villages or incorporated towns,

or portions thereof, and by as least 5% of the legal voters residing in the territory not a part of any city, village or incorporated town. Such petition addressed to the court shall contain a definite description of the boundaries of the territory proposed to be organized as a mosquito abatement district, and shall set forth the name of the proposed district, which name shall be The _____ Mosquito Abatement District. Amended by act approved Sept. 8, 1967.

75. Notice and hearing -- Boundaries of District.

76. Submission of question of organization.

77. Corporate existence.

78. Trustees -- Appointment -- terms.

Within 10 days after the organization of any mosquito abatement district under the provisions of this Act a board of trustees, consisting of 5 members for the government and control of the affairs and business of such mosquito abatement district shall be appointed in the following:

- 1) If the district lies wholly within a single township, the board of auditors of that township shall appoint the trustees for the district;
- 2) If the district is not contained wholly within a single township, but is located wholly with a single county, the governing body of the county shall appoint the trustees for the district except in the case of home rule counties as defined by Article VII Section 6 of the Constitution

of 1970. In the case of home rule counties, trustees for the district shall be appointed by the chief executive officer of the county with the advice and consent of the county board.

- 3) If the district lies wholly within a municipality, the governing body of the municipality shall appoint trustees for the district.
- 4) If the district does not conform to any of the foregoing classifications, the members of the General Assembly whose legislative districts encompass any portion of said district shall appoint the trustees for the district. Of the trustees thus appointed, 3 shall hold office until the second Monday in December after the next succeeding general election for members of the General Assembly and 2 shall hold office until the second Monday in December, 2 years after the next succeeding general election for members of the General Assembly and until their successors are appointed and qualified. Thereafter the trustees of the district shall be appointed in every year in which the term of any of the trustees expires and shall hold office for 4 years and until their successors are appointed and qualified. Each trustee shall be a legal voter in the district, and such trustee shall serve without compensation.

Whenever a vacancy occurs in said board of trustees, the appropriate appointing authority shall appoint some person to fill the remainder of the unexpired term.

Amended by P.A. 77-689 eff. Aug. 9, 1971.

79. Organization of board of trustees -- Powers.

All meetings of the board whether regular or special shall be open to the public.

Special meetings may be called by the president of the board or by any three trustees, but each member of the board shall be given notice of such special meeting at least three hours prior thereto.

A majority of the board of trustees shall constitute a quorum but a smaller number may adjourn from day to day.

Said board shall keep a regular book of records of all of the proceedings of said board, which book shall be open to the inspection of any person residing in said district at all reasonable and proper times.

80. Powers and duties of board -- Eminent domain.

- 1) Sale of personal property.
- 2) Sale of real estate.
- 3) Ordinance directing sale -- Publication-Bids-Deeds of Conveyance.

81. Board of cooperate with and report to Department of Public Health.

The board of trustees of any mosquito abatement district shall, in its work, advise and cooperate with the Department of Public Health of the State, and the board of trustees of such district shall submit to such Department on or before January 1st of each year, a report of the work done and results obtained by the district during the preceding year.

82. Tax Levy. Any mosquito abatement district organized under the provisions of this Act may levy and collect a general tax on the property situated in such district, but the aggregate amount of taxes levied for any one year shall not exceed the rate of .025%, or the limitation in effect on July 1, 1967, which ever is greater, of value as equalized or assessed by the Department of Local Government Affairs. The board of trustees shall determine and certify the amount to be levied and shall return the same to county clerk. The county clerk in reducing the tax levies under Section 2 of "An Act concerning the levy and extension of taxes," approved May 9, 1901, as amended, shall not include the tax authorized by this Act in the limitation of one percent of the assessed valuation upon which taxes are required to be extended. The foregoing limitations upon tax rates may be increased or decreased under the referendum provisions of the General Revenue

Law of Illinois.

In case the district is located in more than one county, the board of trustees shall determine and certify the amount to be levied upon the taxable property lying in each county and return the same to respective county clerks of the counties in which the amount is to be levied. In order to determine the amount to be levied upon the taxable property of that part of the district lying in each county, the board shall ascertain from the county clerk of the respective counties in which the district lied, the last ascertained equalized value of the taxable property of such district lies in their respective counties, then shall ascertain the rate percent required and shall accordingly apportion the whole amount to be raised between the several parts of the district so lying in the different counties. The tax provided for in this Section shall be levied at the same time and in the same manner as nearly practicable as taxes are now levied for city village purposes under the laws of the State. All such general taxes when collected shall be paid over to the treasurer of the board of trustees, who is authorized to receive and receipt for the same. effective Aug. 17, 1971.

83. Annexation of contiguous territory.
84. Dissolution of district.
85. Partial invalidity of act.

The invalidity of any part or portion of this act shall not affect the validity of the remaining part thereof.

85. 1) Dissolution of district upon action of county board.
- a. Disconnection of land from district-Petition-Hearing-Bonded indebtedness.

The owner or owners of record of any area of land consisting of one or more tracts lying within the corporate limits of any mosquito abatement district may have the area disconnected from the mosquito abatement district in the following manner:

The owner or owners of record of any such tract or tracts of land shall file a petition in the Circuit Court of the county in which the district was organized alleging facts in support of disconnection, including the following:

- (1) That the tract or tracts involved are located upon the border of the district;
- (2) That disconnection will not result in the isolation of any part of the district from the remainder of the district;
- (3) That disconnection will not destroy or impair the effectiveness of the mosquito abatement district in the performance of its lawful functions of controlling and exterminating mosquitoes, flies and other insects within the district;

- (4) That disconnection will not jeopardize the financial position of the district;
- (5) And that disconnection will not adversely affect the public health and welfare.

The mosquito abatement district from which disconnection is sought shall be made a defendant, and it or any taxpayer residing in the district may appear and defend against the petition.

The court shall set the petition for hearing on a date not less than 30 days after the filing of the petition, and copy of the petition shall be mailed to the Department of Public Health of the State of Illinois and to the State Natural History Survey by the court, such copies to be furnished by petitioners. The court shall not proceed to final hearing of the petition without a joint written report from the Department of Public Health and the Illinois State Natural History Survey as to the probable effect upon the public health and welfare and upon the effectiveness of the mosquito abatement district in the performance of its lawful duties if disconnection were granted as prayed. A copy of such reports shall also be mailed to the petitioners or their attorneys of record. The court shall upon

request grant to any party the right to examine witnesses from such state agencies as may have investigated the facts incorporated in such reports.

If the court finds that the allegations of the petition are true and that the area of land is entitled to disconnection from the mosquito abatement district, it shall order the specified land disconnected and thereupon said land shall cease to be part of such district. Said land shall not, however, be relieved from any bonded indebtedness of the district previously created as to its proportionate share thereof.

The decision of the court is appealable as in other civil cases.

The provisions of this section 13 shall not apply to districts incorporated in counties of over 500,000 population. As amended by act approved Sept. 7, 1967, L. 1967, p. 3973.

- b. Disconnection of territory from district upon action of county board. Any territory which lies within a mosquito abatement district and which lies within a county which levies a tax for mosquito abatement pursuant to section 25.05-4 of "An Act in relation to

counties," approved March 31, 1874, as heretofore or hereafter amended, shall be disconnected from such mosquito abatement district upon the action by the county board of such county which levies such tax and shall cease to be a part of such district. Such land shall not, however, be relieved of any bonded indebtedness of the district previously created as to its proportionate share thereof. Act approved Aug. 16, 1963.

POISON CONTROL CENTERS IN ILLINOIS

DOWNSTATE

<u>HOSPITAL AND LOCATION</u>	<u>TELEPHONE</u>	<u>HOSPITAL AND LOCATION</u>	<u>TELEPHONE</u>
Copley Memorial Hospital Lincoln & Weston Avenues Aurora	897-6021 Ext. 725	St. Mary's Hospital 400 N. Pleasant Ave. Centralia	532-6731 Ext. 629
Memorial Hospital 4501 N. Park Drive Belleville	233-7750 Ext. 250, 251	Burnham City Hospital 407 S. 4th Champaign	337-2533
Highland Hospital 1625 S. State St. Belvidere	547-5441	USAF Hospital Chanute Air Force Base	495-3133
MacNeal Memorial Hospital 3249 S. Oak Park Ave. Berwyn	797-3000	(Limited for treatment of military personnel and families, except for indicated civilian emergencies)	
Menonite Hospital 807 N. Maine Bloomington	828-5241 Ext. 312	Memorial Hospital 1900 State St. Chester	826-4581
St. Joseph's Hospital 2200 E. Washington Bloomington	662-3311 Ext. 352	Lake View Memorial Hospital 812 N. Logan Ave. Danville	443-5221
St. Mary's Hospital 2020 Cedar St. Cairo	734-2400	St. Elizabeth Hospital 600 Sager Ave. Danville	442-6300 Ext. 647, 674
Graham Hospital Association 210 W. Walnut St. Canton	647-5240 Ext. 230, 248	Decatur Memorial Hospital 2300 N. Edward St. Decatur	877-8121 Ext. 676
Doctors Memorial Hospital 404 W. Main St. Carbondale	457-4101	St. Mary's Hospital 1800 E. Lake Shore Drive Decatur	429-2966 Ext. 640
Memorial Hospital End of S. Adams St. Carthage	357-3131 Ext. 57	Holy Family Hospital 100 N. River Road Des Plaines	297-1800
		Christian Welfare Hospital 1509 Illinois Ave. East St. Louis	874-7076 Ext. 232, 216

<u>HOSPITAL AND LOCATION</u>	<u>TELEPHONE</u>	<u>HOSPITAL AND LOCATION</u>	<u>TELEPHONE</u>
Mary's Hospital N. 8th St. St. Louis	274-1900 Ext. 204	St. Mary's Hospital 239 S. Cherry St. Galesburg	343-3161 Ext. 210
Anthony Memorial Hospital N. Maple Pineham	342-2121 Ext. 211	St. Elizabeth Hospital 2100 Madison Ave. Granite City	876-2020 Ext. 400
Joseph's Hospital Jefferson Ave. Lin	741-5400 Ext. 65, 69	Ingalls Memorial Hospital 15510 Page Ave. Harvey	333-2300 Ext. 451, 452
Norman Hospital Center St. Lin	742-9800 Ext. 682	St. Joseph Hospital 1515 Main St. Highland	654-2171 Ext. 297
Memorial Hospital of DuPage County Avon Road Lisle	833-1400 Ext. 550, 551	Highland Park Hospital 718 Glenview Ave. Highland Park	432-8000 Ext. 561
Community Hospital O Brown Ave. Morton	869-5400 Ext. 54, 58	Hinsdale San. & Hospital 120 N. Oak St. Hinsdale	323-2100 Ext. 336
Wheaton Hospital O Ridge Ave. Wheaton	492-6460	Hoopeston Comm. Memorial Hospital 701 E. Orange St. Hoopeston	283-5531
Francis Hospital O Ridge Ave. Wheaton	492-2440	Passavant Memorial Area Hospital 1600 W. Walnut St. Jacksonville	245-9541
Little Company of Mary Hospital O W. 95th St. Wheaton	442-6200 or 445-6000 Ext. 221	St. Joseph Hospital 333 N. Madison St. Joliet	725-7133 Ext. 679, 680
Warbury Hospital S. Fifth St. Warbury	692-2346	Silver Cross Hospital 1200 Maple Road Joliet	729-7563
Leopold Memorial Hospital S. Harlem Leopold	233-4131 Ext. 228	Riverside Hospital 350 N. Wall St. Kankakee	933-1671 Ext. 606
Galena Hospital Mit St. Galena	777-1340 Ext. 35	St. Mary Hospital 150 S. Fifth Ave. Kankakee	939-4111 Ext. 735
Wesburg Cottage Hospital N. Seminary St. Wesburg	343-4121 Ext. 356	Kewanee Public Hospital 719 Elliott St. Kewanee	853-3361 Ext. 219

<u>HOSPITAL AND LOCATION</u>	<u>TELEPHONE</u>	<u>HOSPITAL AND LOCATION</u>	<u>TELEPHONE</u>
Lake Forest Hospital 660 N. Westmoreland Lake Forest	234-5600 Ext. 608	Good Samaritan Hospital 605 N. 12th St. Mt. Vernon	242-4600 Ext. 303
St. Mary's Hospital 1015 O'Connor Ave. LaSalle	223-0607 Ext. 14	Edward Hospital S. Washington St. Naperville	355-0450 Ext. 326
Abraham Lincoln Memorial Hospital 315 Eighth St. Lincoln	732-2161 Ext. 346	Brokaw Hospital Virginia at Franklin Avenue Normal	829-7685 Ext. 274
McDonough District Hospital 525 E. Grant St. Macomb	833-4101 Ext. 433	Christ Community Hospital 4440 W. 95th St. Oak Lawn	425-8000 Ext. 659, 660
Memorial Dist. Hosp. of Coles County 2101 Champaign Ave. Mattoon	234-8881 Ext. 29, 43	West Suburban Hospital 518 N. Austin Blvd. Oak Park	383-6200 Ext. 6747, 6748
Loyola University Hospital 2160 S. First Ave. Maywood	531-3000	Richland Memorial Hospital 800 E. Locust St. Olney	395-2131 Ext. 226, 228
McHenry Hospital 3516 W. Waukegan Road McHenry	385-2200 Ext. 614	Ottawa Community Hospital 701 Clinton St. Ottawa	433-3100 Ext. 48
Westlake Community Hospital 1225 Superior St. Melrose Park	681-3000 Ext. 226	Lutheran General Hospital 1775 Dempster St. Park Ridge	696-2210 Ext. 1460
Mendota Community Hospital Route 51 & Memorial Drive Mendota	539-7461	Pekin Memorial Hospital 14th & Court Pekin	347-1151 Ext. 241
Moline Public Hospital 635 Tenth Ave. Moline	762-3651 Ext. 232	Methodist Hospital 221 N.E. Glen Oak Ave. Peoria	685-6511 Ext. 250
Community Memorial Hospital 1000 W. Harlem Ave. Monmouth	731-3141 Ext. 224	Proctor Community Hospital 5409 N. Knoxville Peoria	691-4702 Ext. 791, 792
Wabash General Hospital 1418 College Drive Mt. Carmel	262-4121	St. Francis Hospital 530 N.E. Glen Oak Ave. Peoria	672-2109
		Peoples Hospital 925 West St. Peru	223-3300 Ext. 53, 55

<u>HOSPITAL AND LOCATION</u>	<u>TELEPHONE</u>	<u>HOSPITAL AND LOCATION</u>	<u>TELEPHONE</u>
Lincoln Community Hospital 100 W. Washington Springfield	285-2113 Ext. 238	Memorial Hospital First & Miller Streets Springfield	528-2011 Ext. 333
Grady Memorial Hospital 100 Park Ave. East Springfield	875-2811 Ext. 311	St. John's Hospital 701 E. Mason St. Springfield	544-6451 Ext. 375
Deering Hospital 105 Broadway Springfield	223-5811 Ext. 255	St. Mary's Hospital 111 E. Spring St. Streator	673-2311 Ext. 221
St. Mary Hospital 115 Vermont St. Springfield	223-1200 Ext. 275	Carle Foundation Hospital 611 W. Park Urbana	337-3311 Ext. 3100, 3513
Clark Memorial Hospital 100 N. Rockton Ave. Clark	968-6861 Ext. 441	Mercy Hospital 1400 W. Park Urbana	337-2131
St. Anthony Hospital 106 E. State St. Clark	226-2041	St. Therese Hospital 2615 W. Washington St. Waukegan	688-6470
Edish-American Hospital 106 Charles St. Clark	968-6633 Ext. 602, 603	Victory Memorial Hospital 1324 N. Sheridan Rd. Waukegan	688-4181 688-4182
Clark Island Franciscan Hospital 101 17th St. Clark Island	793-1000 Ext. 2174	Memorial Hospital for McHenry County 527 W. South St. Woodstock	338-2500 Ext. 232, 277
Lincoln Hospital 105 N. Fifth Ave. St. Charles	584-3300 Ext. 229	Zion-Benton Hospital Shiloh Blvd. Zion	872-4561
RAF Medical Center Scott Air Force Base	256-7363		

CHICAGO POISON CONTROL CENTERS

For further information,
treatment and reference on poisoning:

North Presbyterian-St. Luke's Medical Center
53 W. Congress Parkway 942-5969

Chicago Centers for treatment only:

Children's Memorial Hospital 100 Children's Plaza	348-4040 Ext. 338	Mercy Hospital 2510 S. Prairie	842-4700 Ext. 281
Cook County Children's Hospital 100 S. Wood St.	633-6542	Michael Reese Hospital 2929 S. Ellis	791-2050

ILLINOIS PESTICIDE ACCIDENT REPORT: A TEN-YEAR SUMMARY

This report is a summary of ten years' data on pesticide accidents among children in Illinois. During the period of 1961 to 1970, approximately 121,270 children were taken to a doctor or hospital because the child ingested or was contaminated by a hazardous substance. All such cases of pesticide accidents involving children 12 years of age or under are reported to the Illinois Department of Public Health through one of the downstate poison control centers. Dr. Norman Rose, Bureau of Hazardous Substances or Poison Control, State Department of Public Health, and his successor, for the past year, Dr. Richard H. Suhs, supplied the data summarized here.

Where do pesticides as a group rank with other materials as a source of hazard?
Pesticides were involved in an average of 742 cases per year, ranging from 567 to 872 per year over the ten-year period (Table 1). This was 6.1 percent of the total cases. Individual years ranged from a high of 7.3 to a low of 5.2 percent (Table 2). Medicines of all kinds were involved in 60.8 percent of the cases.

Is there a seasonal fluctuation in the ingestion of hazardous substances?
The peak time for ingestion of medicines was in the winter months (Table 3); ingestion of household preparations was somewhat higher in the fall; both pesticides and paint were ingested more commonly from late spring until fall than at any other time.

Are certain pesticides more commonly ingested at one time of the year?
Rodent-bait ingestions were highest in November and December (Table 4). Ingestion of other baits was most common from May through August. Roach-poison ingestions were highest in the fall.

What major pests were the parents attempting to control?
Pesticides for rats, mice, ants, clothes moths, and roaches accounted for about 82 percent of all accidental ingestions (Table 5). Also, over one-half (58.6) of the ingestion cases involved the pesticide used as a bait.

What pesticides were most commonly involved in pesticide accident cases?
Anticoagulant rodent baits led the list with the arsenicals next in order. Naphthalene and PDB were next (Table 6).

What can parents do to reduce the risk of children getting into pesticides?
The answer to this question is the same as it was in 1961. It involves avoiding the use of baits to control rats, mice, ants, and roaches whenever possible. If they are used, keep them where small children cannot get into them. From 1961 to 1970 an average of 267 children in downstate Illinois ate baits containing a pesticide (Table 7).

Store moth balls in sealed or locked containers where children cannot get into them, thinking they are candy. Annually during the past ten years an average of 77 children ate moth balls.

an average of 58 children per year found the pesticides when they were improperly stored. There were 17 cases in which the cause was unknown.

Table 1. A Comparison of Illinois Population and Exposures to Hazardous Substances and Pesticides of Children 12 and Under in Illinois, 1961-1970

	1961	1962	1963	1964	1965
hazardous substances exposure	7,898	9,953	11,901	12,750	14,187
pesticide exposure	567	722	819	852	872
	1966	1967	1968	1969	1970
hazardous substances exposure	13,727	14,585	13,209	12,429	10,631
pesticide exposure	778	801	678	678	653

Table 2. Ingestion of Hazardous Materials by Illinois Children Under 12 Years of Age, as Reported to Illinois Poison-Control Centers, 1961-1970

Material	Percent of total										
	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	Avg.
Medicine	56.4	57.2	56.2	59.3	64.8	66.7	63.7	62.9	62.7	59.0	60.8
Household preparations	16.4	16.6	16.3	15.0	13.0	12.5	11.8	11.4	11.7	12.7	13.5
Pesticides	7.2	7.3	6.9	6.7	6.1	5.7	5.5	5.2	5.4	6.1	6.1
Paints, etc.	5.3	4.9	6.3	5.0	5.2	4.3	4.3	3.9	4.8	5.9	4.8
Cosmetics	2.7	2.7	3.0	3.0	2.7	2.9	3.0	2.9	4.1	3.5	2.9
Miscellaneous	12.0	11.3	11.3	11.0	8.2	7.9	11.7	13.7	11.3	12.8	11.9

Table 3. Ingestion of Hazardous Materials by Children Under 12 Years of Age, As Reported to Illinois Poison-Control Centers, From Average Yearly Cases, 1961-1970

Material	Bimonthly averages							Total
	Jan.- Feb.	March- April	May- June	July- August	Sept.- Oct.	Nov.- Dec.		
Medicine	1,274	1,349	1,112	972	1,309	1,370	7,386	
Household preparations	224	267	287	283	299	272	1,632	
Pesticides	86	87	141	162	145	121	742	
Paints, etc.	58	75	101	122	130	97	583	
Cosmetics	56	64	60	52	62	63	357	
Miscellaneous	1,427	
GRAND TOTAL							12,127	

Table 4. Ingestion of Pesticides Intended for Control of Rodents, Ants, Moths, and Roaches by Children Under 12 Years of Age, as Reported to Downstate Illinois Poison-Control Centers, Average for 1961-1970

Pests	Bimonthly total					
	Jan.- Feb.	March- April	May- June	July- August	Sept.- Oct.	Nov.- Dec.
Rodents	24	21	29	23	28	38
Ants	4	6	25	37	15	4
Moths	11	11	16	14	14	13
Roaches	5	7	8	11	11	8

Table 5. Ingestion of Pesticides by Children Under 12 Years of Age, as Reported by Downstate Poison-Control Centers, Average for 1961-1970, Based on Pests to Be Controlled and Source of Pesticide

Pests	In use	From storage	Unknown	Total	Pct. of total	Pesticide obtained as bait	Pct. of total
Rodents	86	21	56	163	34.8	155	95.0
Ants	54	8	27	89	19.0	80	88.3
Moths	46	9	24	79	16.8	0	0
Roaches	28	10	14	52	11.1	32	61.1
Unspecified	7	8	18	33	7.0	2	6.1
Flies	5	5	6	16	3.4	4	25.0
Mosquitoes	2	4	3	9	1.9	0	0
Other pests	1	3	2	6	1.3	0	0
Bees	3	7	5	15	3.2	0	0
Others	2	3	2	7	1.5	2	28.6
TOTAL	234	78	157	469	100	275	...
PERCENT	49.9	16.6	33.5	...	100	...	58.6

Table 6. Cases of Pesticide Ingestion by Children Under 12 Years of Age, as Reported by Downstate Poison-Control Centers, 1961-1970

Pesticide	Number of cases										10-yr. total
	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	
Anticoagulant rodenticides	82	126	128	184	169	144	162	164	174	174	1,507
Arsenicals	102	65	110	145	117	134	110	108	125	68	1,084
Naphthalene and PDB	45	76	93	90	101	78	85	73	70	64	775
Unspecified	21	38	38	9	38	14	8	41	16	4	227
DDT	10	21	22	10	12	9	4	15	5	2	110
Lindane and BHC	11	10	11	11	13	11	12	8	6	8	106
Dieldrin	2	8	6	15	3	15	19	12	13	4	97
612 and Deet	11	7	9	11	4	6	14	6	13	2	83
2,4-D	7	11	4	7	3	9	12	10	6	11	80
Chlordane	11	12	8	9	7	9	9	0	5	9	79
Boric acid	1	3	0	5	11	7	16	15	10	10	78
Pyrethrins	3	8	0	2	16	12	13	5	9	6	74
Thallium sulfate	4	8	5	10	10	13	2	1	1	1	55
Strychnine	10	9	7	5	5	6	3	4	5	0	54
Sodium fluoride	10	8	7	4	8	3	3	0	6	4	53
Phosphorus paste	2	8	15	3	6	4	5	0	2	3	48
DDVP	4	12	2	2	1	2	3	11	2	6	45
Malathion	4	2	1	4	3	7	2	3	3	5	34
Fungicides	4	0	0	0	3	0	2	3	1	3	16
Diazinon	0	0	0	1	1	4	1	0	1	4	12
Rotenone	1	3	0	4	2	1	0	0	0	0	11
Methoxychlor	0	1	0	2	0	4	1	0	0	2	10

The following pesticides averaged less than one case per year: aldrin, Amiben, atrazine, Bidrin, camphor, carbaryl, cyanate, DDD, Dibrom, Dimite, Di-Syston, fumigants, Kepone, metaldehyde, nicotine, parathion, potassium, randox, ronnel, and toxaphene.

Table 7. Actual and Projected Cases of Pesticide Contamination or Ingestion by Illinois Children Under 12 Years of Age, by Source of or Reason for Exposure, as Reported to Downstate Illinois Poison-Control Centers, 1961-1970

Sources	1961	1962	1963	1964	1965	
Baits	214	246	302	366	322	
Moth balls	46	82	95	90	99	
Storage	68	57	45	65	45	
Disposal	11	16	5	17	9	
Unknown	16	72	61	16	61	
Total	355	473	509	554	536	
Sources	1966	1967	1968	1969	1970	Yearly avg.
Baits	275	271	266	206	204	267
Moth balls	80	85	73	66	54	77
Storage	29	63	57	92	60	58
Disposal	15	29	12	36	16	17
Unknown	96	43	35	47	70	52
Total	495	491	443	447	404	...

Illinois Poison Control Centers listed in appendix.

A. Computer Printout Sheet of Illinois Pesticide Products Listed According to Company
 (Complete list available in Pesticide Branch)

Company Reg. No.	Company Name	Mailing Address	City	State	Zip Code	EPA Reg. No.
0001	ALV-73	AGRICULTURE	12014-00001	IL	62204	
0002	ALV-73	AGRICULTURE	12014-50004	IL	62204	
0003						
0004						
0005						
0006						
0007						
0008						
0009						
0010						

A Computer Printout Sheet of Illinois Pesticide Products Listed According to Company
 (Complete list available in Pesticide Branch)

ECOLOGIC POISON LIST PAGE 3

NAME ADDRESS COMPANY PHONE NO. PA 15612

0001	ADDEX - AERILL		04828-00007
0002	ADDEX INSECTICIDE AERODOL SPRAY		04828-00014
0003	ADDEX INSECTICIDE S - GLAFAC 9001 - 2		04828-00073
0004	ADDEX INSECTICIDE S - GLAFAC 9001 - 2		04828-00077
0005	ADDEX INSECTICIDE S - GLAFAC 9001 - 2		04828-00076
0006	ADDEX INSECTICIDE S - GLAFAC 9001 - 2		04828-00026
0007	ADDEX INSECTICIDE S - GLAFAC 9001 - 2		04828-00064
0008	ADDEX INSECTICIDE S - GLAFAC 9001 - 2		04828-00045
0009	ADDEX INSECTICIDE S - GLAFAC 9001 - 2		04828-00043
0010	ADDEX INSECTICIDE S - GLAFAC 9001 - 2		04828-00076
0011	ADDEX INSECTICIDE S - GLAFAC 9001 - 2		04828-00076

8913

MADE IN U.S.A.

A Computer Printout Sheet of Illinois Pesticide Products Listed According to Company
(Complete list available in Pesticide Branch)

FORMER PESTICIDE LIST

PAGE 4

20050 ACETO CHEMICAL CO 128 02 SOUTHWELL BL FUSHING NY 11358

2601 A ZINC ENRICHED AMER 88 W FUNGICIDE W 2 PCT 71MC 00274-00935
0005 PROPOXIN 11667-00002

