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Bird control devices - sources of supply

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**Author**

Merrill, Howard A.

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## BIRD CONTROL DEVICES - SOURCES OF SUPPLY\*

Since man began the tilling of crops, he has defended his fields against depredating birds and mammals, and to a great extent has been forced to depend upon his own ingenuity for the development of procedures or devices that will effectively do the job. Many devices and techniques have been developed and used successfully. Their value depends largely upon selection of the proper devices and the manner in which they are used.

The following devices and materials are sold for preventing bird damage to crops and/or discouraging unwanted roosts. This list is for the information of correspondents and is not necessarily complete. Listing implies no endorsement of either a product or the technique it represents. Names of reputable manufacturers will be added upon notification to the Bureau of Sport Fisheries and Wildlife that they are prepared to deliver the items concerned.

These manufacturers or importers have obtained registration with the United States Department of Agriculture for interstate sales and shipment. Registration is not required for mechanical devices, such as exploders, traps etc.

For other products pertaining to bird control or rodenticides, consult similar Wildlife Leaflets entitled "Manufacturers of Chemical Animal Repellents" and "Manufacturers or Importers of Rodenticides and Accessories".

### Regulations

Feral domestic pigeons, English sparrows and European starlings are not protected by Federal law. Blackbirds, cowbirds and grackles are protected under the Migratory Bird Treaty Act. However, Section 10.62, Title 50 CFR, provides that "A permit shall not be required to kill yellow-headed, red-winged, bi-colored red-winged, tri-colored red-winged and Brewer's blackbirds, cowbirds and all grackles when found committing or about to commit serious depredations upon ornamental or shade trees or agricultural crops." When State and local permits are required to kill birds, they should be acquired before exercising the privilege conferred by Section 10.62.

### Automatic Exploders

Machines that ignite acetylene or propane gas to produce loud explosions at regular intervals. Acetylene is produced by dripping water on calcium carbide (marked "C") or is obtained from a tank of compressed acetylene gas (marked "A"). One machine will also operate on propane gas (marked "LP"). Machines are not injurious to birds, but the loud reports may be objectionable in residential areas.

Alexander-Tagg Industries, Inc., 395 Jacksonville Rd., Warminster, Pa. 18974 (A)  
Bird-X Inc., 325 W. Huron St., Chicago, Ill. 60610 (A,C)  
B. M. Lawrence & Co., 24 California St., San Francisco, Calif. 94111 (A,C,LP)  
Reed-Joseph Co., Highway #1 North, Greenville, Miss. 38702 (A,C)  
Salt Lake Stamp Co., 380 W. 2nd South, Salt Lake City, Utah 84101 (A,C)  
Shure Shot Mfg. Co., 2504 Vernon Dr., Muncie Ind. 47304 (A)  
Smith-Roles, Ltd., Box 907, Saskatoon, Saskatchewan, Canada (A)  
(Has warehouse in Minneapolis, Minn.)

### Chemical Coatings to Prevent Roosting

These are "sticky" materials (available in various forms) to keep birds from roosting on ledges, sills, trees and other places.

A - Aerosol; C - Cartridge for caulking gun;  
G - Paste; S - Spray (for trees etc.); T - Tube.

Aegis Bird Stop Laboratories, Inc., 6817 S. Stony Is. Ave., Chicago, Ill. 60649 (C,G,S,T)  
Animal Repellents, Inc., P. O. Box 168, Griffin, Ga. 30223 (A)  
Baum's Castorine Co., Inc., 200 Matthew St., Rome, N. Y. 13441 (G)

\* Information taken from Wildlife Leaflet 409, Revised, Dec. 1964. Slightly Revised, Feb. 1967 (for this publication only.)

A. Z. Bogert Co., 1000 E. Mermaid La., Philadelphia, Pa. 19118 (C)  
Chem-O-Craft Specialties, P. O. Box 208, Argo, Ill. 60502 (C)  
National Bird Control Laboratories, 5315 W. Touhy Ave., Skokie, Ill. 60078 (A,C,S)  
Tanglefoot Co., 314 Straight Ave., S. W., Grand Rapids, Mich. 49502 (A,C)

### Electric Devices

Wires are permanently installed on ledges to disrupt bird roosting by means of electrical impulses. The birds are not killed. Consult local building contractors especially those in the scaffolding, roofing or insulating fields or pest control operators. Some of them may be experienced in bird control installations. These devices would not be a specific product although wire, insulators and transformers are used.

Electropel, Inc., 491-495 Bergen Street, Brooklyn, New York, 11217

### Exploding Shotgun Shells

This is a 12-gauge shotgun shell, except as noted, containing, instead of pellets, a king-sized firecracker, which is projected a distance of 150 yards or more before exploding

W. V. Clow Seed Co., 1401 Abbott St., Salinas, Cal. 93903 (Bomb used in special pistol)  
Penguin Associates, Inc., Pennsylvania Ave., Malvern, Pa. 19355  
Stoneco, Inc., 5403 Federal Blvd., Denver, Col. 80221  
Western Fireworks Co., Route 1, Box 308, Canby, Ore 97013  
Colt's Inc., Firearms Division, Pyrodynamics Operation, RD 1, Atglen, Pa., 19310

### Metal Projectors or Wires

These are sharp wire devices that are installed along building ledges, window sills etc. to discourage birds from roosting.

Nixalite Company of America, 2509 Fifth Ave., Rock Island, Ill. 61202  
Stan-Gard Pigeon & Bird Repellent Co., Inc., 523 W. 184th St., New York, N.Y. 10033

### Live Traps

The following companies or individuals manufacture live traps or parts designed for the capture of small birds:

Animal Trap Company, P. O. Box 327, Lititz, Pa. 17453 (hawks, owls)  
Bob-N-Jack Trap, 110 8th St., Farmington, Minn. 55024 (pigeons)  
Concourse Feed Co., 1146 N. 2nd St., Philadelphia, Pa. 19123 (bobs & bobs in frame)  
Russell S. Davis, Clayton, Ill. 62324 (small land birds and sparrows)  
Havahart, P. O. Box 551, Ossining, N. Y. 10563 (pigeons)  
Johnson's, Box 33, Waverly, Ky. 42462 (sparrows)  
Richwood Box Mill, R.F.D. #2, Box 307, Detroit Lakes, Minn. 56501 (sparrows)  
Sagen & Brown Associates, 13 Genesee St., Skaneateles, N.Y. 13152 (rents and sell various pigeon traps)  
Charles Siegel & Son, 5535 Lynch Ave., Chicago, Ill. 60630 (bobs, bobs in frame and completed traps for pigeons)  
Twin City Pigeon Eliminating Co., 5108 Grand Ave., Downers Grove, Ill. 60515 (leases and services pigeon traps--none for sale--branches locally)  
Roy Vail Company, 103 Wentworth Rd., Antwerp, Ohio 45813 (sparrows)

### Moving and Whirling Novelties

Comfort Specialty Co., 1611 Locust Street, St. Louis, Mo., 63103 (Airplane Spinners)

Whirling, bright-colored or shiny objects act as scare devices; move or change them frequently.

Bird Repellent Co., 433 E. Mound Street, Decatur, Ill., (2-faced owls)  
The Bower Co., 8440 Warner Dr., Culver City, Cal. 94601 (20-foot reinforced streamers, sold by the dozen)  
Germain's Inc., P. O. Box 3233, Los Angeles, Cal. 90054 (10 flying disks in a package)  
Gomar Mfg. Co., Inc., 1501 W. Blancke, Linden, N. J. (plastic discs)

### Poisoned Perches

This is a metal rod device containing a wick immersed in a lethal solution. When birds land upon the perch, their feet will pick up the toxic chemical.

Rid-A-Bird, Inc., P.O. Box 22, Muscatine, Iowa 52761

### Protective Netting

Light, non-metallic netting is manufactured for use in protecting trees, plants and small shrubs from bird attack. In some cases, a supporting framework will be necessary.

Bemis Bros. Bag Co., Visinet Mill, 2400 S. 2nd St., St. Louis, Mo. 63104 (plastic paper, 1/2" openings, widths 40 and 80 feet)

Chicopee Manufacturing Co., Lumite Division, Cornelia, Ga. 30531 (Lumite saran shade cloth is one type)

Moodus Net & Twine, Inc., Moodus, Conn. 06469 (Nylon type, 1" openings, widths of 9 and 18 feet)

Nichols Net and Twine, R.R. 3, Bend Rd., East St. Louis, Ill. 62201 (Various types of cotton or nylon netting, cannon nets, custom nets)

Union Carbide Corp., Plastics Div., 270 Park Ave., New York, N. Y. 10017 (One type is polyethylene netting, 1" openings, 84 ft. wide, 300 ft. long)

E. I. du Pont & Co., River Rd., Buffalo, N. Y., 14207 (Vexar Plastic Netting)

### Pyrotechnics: Fireworks

Firecrackers, salutes, skyrockets, Roman candles and other devices have been used to drive birds from crops and discourage roosting. These are standard items and may be purchased from regular firecracker manufacturers. Many States and most cities have laws or ordinances prohibiting the use of fireworks. Investigate local city ordinances and State laws regulating the possession or use of fireworks or explosives. Firecrackers, inserted at intervals in slow-burning fuse ropes, have been useful in keeping birds away from agricultural crops. The first two dealers make and distribute completed ropes of firecrackers designed to explode at approximately 20-minute intervals. The J. E. Fricke Co. specializes in cotton rope known as Caw-Caw fuse rope.

Alpha Enterprises, Inc., P. O. Box 12242, Houston, Texas 77017

Red Devil Fireworks Co., Division of Clipper Fireworks Co., P. O. Box 63, Lynwood, Cal. 90262

The J. E. Fricke Co., 40 N. Front St., Philadelphia, Pa. 19106

### Revolving Lights

The lights revolve automatically, flashing alternate color beams. They may repel birds from both inside and outside of buildings.

Bird-X, Inc., 325 West Huron St., Chicago, Ill. 60610

R. E. Dietz Co., 225 Wilkinson St., Syracuse, N. Y. 13201

The Huge Co., Inc., 884-6 Hodiament Ave., St. Louis, Mo. 63112

Trippe Manufacturing Co., 133 N. Jefferson St., Chicago, Ill. 60606

### Sound Devices

These devices produce sounds which repel or attract birds.

Bio-Sonics Control Co., 15259 Highway 128, Calistoga, Calif., 94515 (Unit has tape that reproduces the starling distress call. Company gives custom service on other species by using alarm or distress calls.)

Electronic Game Calls, Inc., 210 W. Grand Ave., Wisconsin Rapids, Wis. 54494 (A portable unit with records to call in crows, can use other records)

B. M. Lawrence & Co., 24 California St., San Francisco, Cal. 94111 (A portable unit of Klaxon horns with batteries)

### MANUFACTURERS OF ANIMAL TRAPS\*

\*Information taken from Wildlife Leaflet 263, Revised, June 1964.

This list of manufacturers of animal traps is prepared for the information of correspondents and is not necessarily complete. The inclusion of names implies no endorsement as to quality or prices. Names of reputable manufacturers will be added upon notification to the Bureau of Sport Fisheries and Wildlife that they are prepared to deliver the item concerned.

#### Live Animal Traps

Hancock Trap Co., 901 So. Chicago St., Hot Springs, S. Dak. 57747 (beavers)  
Havahart, P. O. Box 551, Ossining, New York 10563  
Kness Manufacturing Co., Albia, Iowa 52531 (mice)  
Johnson's, Box 33, Waverly, Kentucky 42462  
National Live Trap Corp., P. O. Box 302, Tomahawk, Wisconsin 54487  
E. E. Nupp & Sons, Starford (Indiana County), Pa. 15777 (rabbits)  
Shawnee, 3934-A Buena Vista, Dallas, Texas 75204 (primarily a fish trap but will catch mink, muskrats, etc.)  
H. B. Sherman, P. O. Box 683, De Land, Florida 32721 (Primarily for gophers, mice & rats but will custom make other traps)  
H. J. Spencer and Sons, P. O. Box 131, Gainesville, Florida 32601 (Primarily for rats and mice but will custom make other traps)  
Sullivan's Sure Catch Traps, P. O. Box 1241, Valdosta, Georgia 31602  
Worcester Wire Novelty Co., Inc., Timonium Road, Timonium, Md. 21093 (rats)

#### Mole Traps

Animal Trap Company, P. O. Box 327, Lititz, Pa. 17453 (prong & scissors-jaw)  
Nash Mole Traps, R. F. D. #1, Scotts, Michigan 49088 (choker-loop)  
Tyler Products, 4525 5th St., N. E., Puyallup, Wash. 98372 (diamond-jaw)  
Washburn Company, 1802 Preston St., Rockford, Ill. 61101 (prong or harpoon)  
and 28 Union St., Worcester, Mass. 01608

#### Pocket Gopher (Salamander) Traps

Animal Trap Company, P. O. Box 327, Lititz, Pa. 17453  
Z.A. Macabee Gopher Trap Co., 110 Loma Alta Ave., Los Gatos, Calif. 95030  
Tyler Products, 4525 5th St., N. E., Puyallup, Washington 98372

#### Rat and Mouse Traps (Deadfalls)

Animal Trap Company, P. O. Box 327, Lititz, Pa. 17453  
McGill Metal Products Company, 110 Prairie St., Marengo, Illinois 60152  
J. R. Schuyler and Company, 152 West 4th St., Bloomsburg, Pa. 17815

#### Snares

Aldrich Spring Activated Animal Snare-Trap, Box 253, Castle Rock, Wash. 98611  
Animal Trap Company, P. O. Box 327, Lititz, Pa. 17453

#### Steel Traps

Animal Trap Company, P. O. Box 327, Lititz, Pa. 17453  
Bigelow Trap Company, 305 W. 3rd St., Marysville, Ohio 43040  
The Hawkins Company, South Britain, Connecticut 06487  
Oberto Trap Company, P. O. Box 88, Iron Belt, Wisconsin 54536

The following companies or individuals manufacture live traps or parts designed for the capture of small birds:

Animal Trap Company, P. O. Box 327, Lititz, Pa. 17453 (hawks, owls)  
Bob-N-Jack Trap, 110 8th St., Farmington, Minnesota 55024 (pigeons)  
Concourse Feed Co., 1146 N. 2nd St., Philadelphia, Pa. 19123 (bobs & bobs in frame)  
Russell S. Davis, Clayton, Illinois 6234 (small land birds and sparrows)  
Johnson's, Box 33, Waverly, Kentucky 42462 (sparrows)  
Richwood Box Mill, R.F.D. #2, Box 307, Detroit Lakes, Minn. 56501 (sparrows)  
Sagen & Brown Associates, 13 Genesee St., Skaneateles, New York 13152 (rents and sells various pigeon traps)

Charles Siegel & Son, 5535 Lynch Ave., Chicago, Illinois 60630 (bobs, bobs in frame, and completed traps for pigeons)  
Twin City Pigeon Eliminating Co., 5108 Grand Ave., Downers Grove, Ill. 60515 (leases and services pigeon traps--none for sale--branches locally)  
Roy Vail Company, 103 Wentworth Road, Antwerp, Ohio 45813 (sparrows)

MANUFACTURERS OR IMPORTERS OF RODENTICIDES AND ACCESSORIES\*

This list is for the information of correspondents and is not necessarily complete. Listing implies no endorsement of either a product or the technique it represents. Names of reputable manufacturers or importers will be added upon notification to the Bureau of Sport Fisheries and Wildlife that they are prepared to furnish the items concerned.

All the firms given below have registration for their products (when required) with the U. S. Department of Agriculture. Such registration is given only for the control of specific animals.

Write the manufacturer or importer as to distributors, packaging, prices, or possible trade-name products either as a basic chemical or containing the active ingredient. Manufacturers of commonly available chemicals are not listed.

Gases

Calcium cyanide Made as a fine dust ("A") or granules ("G") American Cyanamid Co., P. O. Box 400, Princeton, N. J. 08540

Carbon bisulphide

Quinton Co., Division of Merck & Co., Inc., Rahway, N.J. 07065  
Stauffer Chemical Co., 636 California St., San Francisco, Calif. 94119

Cartridges

W. F. Barthel Chemical Co., 22 - 52nd St., Gulfport, Mississippi  
Destruol Corp., Lt., 1450 W. 228th St., Torrance Calif. 90501  
Nip-Co Manufacturing Co., 200 Main St., New Rochelle, N.Y. 10802

Chloropicrin

Morton Chemical Co., 110 N. Wacker Drive, Chicago, Ill. 60606

Combination of gases (A fumigant for striped gophers and ground squirrels)

Stauffer Chemical Co., P. O. Box 222, Omaha, Nebr. 68107  
(Carbon tetrachloride, carbon bisulphide, petroleum ether)

Methyl bromide (Firms marked "\*" will supply it with chloropicrin added)

American Potash & Chem. Corp., 3000 W. 6th St., Los Angeles, Calif. 90054  
\*Dow Chemical Co., 825 E. Main St., Midland, Mich. 48640  
Great Lakes Chemical Corp., 500 Fifth Ave., New York, N.Y. 10036  
\*Michigan Chemical Corp., 500 N. Bankson St., St. Louis, Mich. 48880

Rodenticides

Antu (Alphanaphthathioarea)

S. B. Penick & Co., 100 Church St., New York, N.Y. 10008

Diphacinone (An anticoagulant, soluble and insoluble types)

Neochem Products Co., Inc., 6028 N. Kent, Milwaukee, Wis. 53217

Fluoroacetamide (Restricted sale) Firm has distributors in the U. S.

Rentokil Laboratories, Ltd., Felcourt, E. Grinstead, Sussex, England

Fumarin (An anticoagulant, soluble and insoluble types)

Amchem Products, Inc., Ambler, Pa. 19002

\* Information taken from Wildlife leaflet 465, December 1964

Norbormide (A specific chemical to kill rats, much less toxic to other animals)  
Tavolek Laboratories, Camp Hill Road, Fort Washington, Pa. 19034

Pival (An anticoagulant, soluble and insoluble types)  
Motomco, Inc., 89 Terminal Ave., Clark, N.J. 07066

P.H.P. (An anticoagulant, mixture of two indandiones, soluble and insoluble)  
American Fluoride Corp., 855 Avenue of the Americas, New York, N.Y. 10001

Red squill

American Exterminator, Inc., 9th & Race Sts., Cincinnati, Ohio 45202  
Biocerta Corp., 303 Fifth Ave., New York, N.Y. 10016  
Chemical Insecticide Corp., 30 Whitman St., Metuchen, N. J. 08840  
Gallard-Schlesinger Chemicides, Inc., 580 Mineola Ave., Carle Place, N. Y. 11514  
Louisiana Fortifying & Mixing Plant, Box 688, Abbeville, La. 70510  
S. B. Penick & Co., 100 Church St., New York, N.Y. 10008  
Ratin Laboratory of New England, 23 Concord St., Haverhill, Mass. 01830

Sodium fluoroacetate (1080) Restricted sale

Pyrrrole Chemical Corp., 817 Spring Lane, Portsmouth, Ohio 45662  
Tull Chemical Co., P. O. Box 246, Oxford, Ala. 36203

Strychnine Powdered alkaloid and sulfate (All importers)

American Fluoride Corp., 855 Avenue of the Americas, New York, N. Y. 10001  
Gallard-Schlesinger Chemicides, Inc., 580 Mineola Ave., Carle Place, N.Y. 11514  
S. B. Penick & Co., 100 Church St., New York, N.Y. 10008  
Prentiss Drug & Chemical Co., Inc., 101 W. 31st St., New York, N. Y. 10001  
Walker Chemicals, Inc., 22 W. 1st St., Mount Vernon, N. Y. 10550

Thallium sulfate

American Fluoride Corp., 855 Avenue of the Americas, New York, N. Y. 10001  
American Smelting and Refining Co., 120 Broadway, New York, N. Y. 10005  
Gallard-Schlesinger Chemicides, Inc., 580 Mineola Ave., Carle Place, N. Y. 11514

Warfarin (An anticoagulant, soluble and insoluble types; can also be obtained with sulfa-  
quinoxaline added called Prolin)

Motomco, Inc., 89 Terminal Ave., Clark, N.J. 07066  
S. B. Penick & Co., 100 Church St., New York, N. Y. 10008  
Prentiss Drug & Chemical Co., Inc., 101 W. 31st St., New York, N.Y. 10001

Zinc phosphide

American Fluoride Corp., 855 Avenue of the Americas, New York, N. Y. 10001  
Gallard-Schlesinger Chemicides, Inc., 580 Mineola Ave., Carle Place. N. Y. 11514  
Hooker Chemical Corp., P.O. Box 344, Niagara Falls, N. Y. 14302  
Pfaltz & Bauer, Inc., 153 Waverly Place, New York, N.Y. 10014

Specialty Products

Mole and gopher baits (These firms formulate a bait containing thallium sulfate)

Arnott Chem. & Ext. Co., Inc., 353 Mass. Ave., Indianapolis, Ind. 46204  
Bonide Chemical Co., Inc., 382 N. Genesee St., Utica, N. Y. 13502  
Carajon Chemical Co., Inc., 505 S. Division St., Fremont, Mich. 49412  
O. E. Linck Co., Inc., 1234 State Highway 46, Clifton, N. J. 07015  
Private Brands, 300 S. Third St., Kansas City, Mo. 64106

Rodent cakes (These firms formulate a bait of paraffin with an anticoagulant)

American Chemical Co., Box 22, Muscatine, Iowa 52761  
J. T. Eaton & Co., Inc., 3110 W. 65th St., Cleveland, Ohio 44102

Accessories

Black light (Equipment for detecting rodent urine)

Black Light Eastern Corp., 24 Kinkel St., Westbury, N. Y. 11591  
Ultra-Violet Products, Inc., 5115 Walnut Grove Ave., San Gabriel, Calif. 91778

Dispensers (These firms make separate units to dispense rat and mouse baits)

- Amchem Products, Inc., Ambler, Pa. 19002 (A styrene plastic container holding one quart of liquid)
- B & G Company, Plumsteadville, Pa. 18949 (Small paper jiggers for liquids)
- J. J. Dill Co., P.O. Box 788, Kalamazoo, Mich. 49003 (A small plastic tray to feed 3 oz. dry bait and 1/2 oz. liquid)
- E. C. Helland & Co., 7138 Oakland Ave., Minneapolis, Minn. 55423 (A polyethylene jar for liquids)
- Hub States Chem. & Equip. Co., 1255 N. Windsor St., Indianapolis Ind. 46201 (A round plastic container with built-in cheese aroma)
- Pest Control Equipment Co., 24 N. Bond St., Mount Vernon, N.Y. 10550 (A waxed fibre board box - collapsible - to hold 3 lbs. dry bait)
- J. E. Ronicker Co. Laboratories, West Milton, Ohio 45383 (A rat and mouse control station 8 x 19" for dry and liquid baits)
- Solvit Chemical Co., 3734 Speedway Rd., Madison, Wis 53705 (A galvanized steel container for dry and liquid baits)
- Tull Chemical Co., P.O.Box 246, Oxford, Ala 36203 (A liquid bait dispenser with plastic reservoir and bowl)

Pumps for gases (Especially designed for each product)

Calcium cyanide

Acme Brass & Machine Works, 609 E. 17th St., Kansas City, Mo. 64108

Carbon bisulphide

Stauffer Chemical Co., 636 California St., San Francisco, Calif. 94119

Methyl bromide

Tyler Products, 4525 - 5th St., Puyallup, Wash. 98372

Rat proofing device (A protected device for drains, only for rats)

Marlex Manufacturing Co., P. O. Box 148, Caro, Mich. 48723

Burrow Builders (These machines are used to produce artificial burrows in the ground in which poisoned bait is placed automatically)

Pocket gophers

Blackwelder Manufacturing Co., P. O. Box 808, Rio Vista, Calif. 94571

Nan Conifer Company, Zimmerman, Minnesota 55398

Rue R. Elston Co., Inc., 815 E. 79th St., Minneapolis, Minn. 55420

Schneidmiller Industries, P.O. Box 521, Fort Collins, Colo. 80522

Trail builder (This machine is used to make trails or burrows in the ground in which poisoned bait is placed.)

Mice

Rue R. Elston Co., Inc., 815 E. 79th St., Minneapolis, Minn. 55420

Hawbuck Orchards, O. C. Doe & Sons, Harvard, Mass. 01451

MANUFACTURERS OF CHEMICAL ANIMAL REPELLENTS\*

This list of manufacturers of chemical animal repellents (mammals and birds) is for the information of correspondents and is not necessarily complete. The inclusion of names implies no endorsement of the product. Names of reputable manufacturers will be added upon notification to the Bureau of Sport Fisheries and Wildlife that they are prepared to deliver the items concerned.

These manufacturers have registration with the U. S. Department of Agriculture when required. Separate listings for each manufacturer of the more common repellents, such as naphthalene flakes, will not be given. For information on repellents to control cats, dogs and other domestic animals, write the Bureau of Animal Industry, U. S. Department of Agriculture, Washington, D. C. 20250

Many of these products may be purchased locally, especially when the trade name is known. These manufacturers may be contacted for details on local distributors, packaging and prices.

Ready-to-Use Products

\*Information taken from Wildlife leaflet 464, December 1964



## Birds

Chemical Bait: Grain treated with a chemical designed to frighten sparrows, pigeons, starlings and certain blackbirds. It can have a lethal effect if it is eaten. There are other formulations for restricted sale.

Phillips Petroleum Company, Bartlesville, Okla. 74004 (Trade name: Avitrol 100)

Chemical Coatings: These are "sticky" materials to keep birds from roosting on ledges, sills, trees and other places. Code: A - aerosol; C - cartridge for caulking gun; G - paste; S - spray (for trees etc.); T - tube.

Aegis Lab., Inc., 6817 S. Stony Island Ave., Chicago, Ill. 60649 (C,G,S,T)

Grosley's No Roost

Animal Repellents, Inc., P. O. Box 168, Griffin, Ga. 30223 (A)

Bird-Stop

Baum's Castorine Co., Inc., 200 Matthew St., Rome, N. Y. 13441 (G)

Repel-O-Film Bird Repellent

A. Z. Bogert Co., 1000 E. Mermaid Lane, Philadelphia, Pa. 19118 (G)

4-The Birds

Chem-O-Craft Specialities, Box 208, Argo, Ill. 60502 (C,P)

Bird-Ban Bird Repellent Compound

National Bird Control Lab., 5315 W. Touhy Ave., Skokie, Ill. 60078 (A,C,S)

Roost No More

Tanglefoot Co., 314 Straight Ave., S.W., Grand Rapids, Mich. 49502 (A,C)

Bird Tanglefoot

Seed Protectants: These are formulations applied to seeds primarily designed to repel birds from eating or disturbing them.

Bonide Chemical Co., Inc., 382 N. Genesee St., Utica, N. Y. 13502

Crotox Powder & Crotox Liquid Seed Protector

Borderland Products, Inc., 733 - 739 Perry St., P. O. Box 366, Buffalo, N. Y. 14210

Stanley's Crow Repellent

California Chemical Co., Lucas & Ortho Way, Richmond, Cal. 94804

Isotex Seed Treater and Ortho LM Seed Protectant

Coahoma Chemical Co., Inc., P.O. Box 231, Beacon, N. Y. 12508

Red Panther Seedgard Crow Repellent-Insecticide

Hayes-Sammons Chemical Co., 116 E. 10th St., Mission, Texas 78572

Mission Brand No-Crow Bird Repellent-Insecticide

The Kilgore Seed Co., 214 S. Collins St., Plant City, Fla. 33566

Watermelon Seed Protectant (a kit of three packages)

Parson's Chemical Works, P. O. Box 146, Grand Ledge, Mich. 48837

Parson's Seed Saver Crow Repellent

Pearson & Co., P. O. Box 431, Mobile, Ala. 36603

Pearson's Seed Saver

Stauffer Chemical Co., 636 California St., San Francisco, Cal. 94119

Endrin 50-W Seed Protectant

\*Deer and Rabbits: These are formulations, prepared by adding water, which act as repellents when applied with certain restrictions to animal food plants, such as flowers, shrubs and trees. Most of the products include a sticker. None are poisons.

Cornell Chemical & Equipment Co., 115 N. Rolling Rd., Baltimore, Md. 21228

Cornell Rabbit & Deer Repellent

E. I. duPont de Nemours & Co., Industrial & Biochemical Dept., Wilmington, Del. 19898

Arasan 42-S Thiram Fungicide & Repellent

J. O. Ehrlich Chemical Co., 30 N. 8th St., Reading, Pa. 19601

Magic Circle Deer Repellent and Magic Circle Rabbit Repellent

Goulard and Olena, Inc., Skillman, N.J. 08558

G & O Rabbit Repellent

H & H Enterprises, Inc., P.O. Box 333, Duvall, Wash. 98019

Double H Brand Deer Repellent

Hydroponic Chemical Co., Inc., P.O. Box 97-C, Copley, Ohio 44321

Nobonex No-Nib'l Rabbit Repellent & Nibonex Liquid Rabbit Repellent

\*Some of the above rabbit and deer repellents may have some repellency against meadow mice.

### Deer and Rabbits (cont'd)

- O. E. Linck Co., 1234 State Highway 46, Clifton, N.J. 07015  
Tat-Go Repels Deer/Rabbits  
Morton Chemical Co., 110 N. Wacker Drive, Chicago, Ill. 60606  
Z. I. P. Deer and Rabbits  
Nott Mfg. Co., 200 S. Water St., Poughkeepsie, N. Y. 12602  
Nibble-Not Repellent Rabbits and Deer  
Pennsalt Chemicals Corp., 309 Graham Bldg., Aurora, Ill. 60504  
Penco Thiram Animal Repellent Deer and rabbits  
Selco Supply Co., Collins Ave. & RR, Eaton, Colo. 80615  
Selco TMTD-Rhoplex Rabbit and Deer Repellent  
Sudbury Laboratory, Dutton Rd., Sudbury, Mass. 01776  
Deer and Rabbit Repellent

### Moles and Field Mice:

- Nott Mfg. Co., 200 S. Water St., Poughkeepsie, N. Y. 12602  
Notts Bulb Saver

Other Rodents: There are many chemicals with varying degrees of effectiveness in repelling various rodents, such as mice, rats and squirrels. There are many manufacturers of wood preservatives with various ingredients which act as repellents, such as creosote, pentachlorophenol, copper or zinc naphthenate. There are two manufacturers who have registration of their product for this specific use.

- Coopers Creek Chemical Corp., West Conshohocken, Pa. 19428  
Tree Wound & Pruning Dressing (applied at base of tree to prevent gnawing)  
Premier Creosote Co., Cedar Falls, Iowa 50613  
Tree-Wood Oil Refined Creosotate & Penta Preservative (applied to wood)

### Manufacturers of Basic Ingredients

The following products are used in making deer and rabbit repellent formulations. Home-mixing will usually be less costly when 20 or more gallons of the final solution are required.

Hexadecanol A defoaming agent. Cetyl alcohol 70%

- E. I. duPont de Nemours Co., Polychemical Div., Wilmington, Del. 19898  
Rohm & Haas Co., 222 N. Washington Sq., Philadelphia, Pa. 19105

Latex 512-R A sticking agent. Styrene-butadiene emulsion.

- Dow Chemical Co., 825 E. Main St., Midland, Mich. 48640  
(Orders taken from any of their 18 field offices for 5 gallons or more)

Methocel Antiflaking agent. Powder, technical, 1500 c.p.s. viscosity.

- Dow Chemical Co., 825 E. Main St., Midland, Mich. 48640

Rhoplex AC-33 A sticking agent. Acrylic ester polymer emulsion.

- Rohm & Haas Co., 222 N. Washington Sq., Philadelphia, Pa. 19105  
(Manufacturer will accept orders for 5 gallons or more)

Thiram A basic repellent. Tetramethylthiuramdisulphide or "TMTD".

- E. I. duPont de Nemours Co., Biochemicals Dept., Wilmington, Del. 19898  
Arasan 75 (powder) and Arasan 42-S (emulsion)  
Pennsalt Chemicals Corp., 309 Graham Bldg., Aurora, Ill. 60504  
Penco Thiram Tech. 99% and Penco Thiram S-42