

**SIMAZINE**

Geigy Agricultural Chemicals  
Great Lakes Chemical Div.  
Nalco Chemical Co.

**SODIUM ARSENITE**

Allied Chemical Corp.  
Chevron Chemical Co., Ortho Div.  
Chipman Chemical Co.  
Green Lawn Laboratories, Inc.  
Miller Chemical & Fertilizer Corp.  
Niagara Chemical Div., FMC Corp.  
Pennsalt Chemicals Corp.  
B. G. Pratt Co.  
Thompson-Hayward Chemical Co.

**SODIUM CHLORATE**

Chipman Chemical Co.  
Green Lawn Laboratories, Inc.  
Hooker Chemical Co.  
Nalco Chemical Co.  
Pennsalt Chemicals Corp.

**TBA**

E. I. duPont de Nemours & Co., Inc.  
Nalco Chemical Co.

**TCA**

The Dow Chemical Co.  
Nalco Chemical Co.  
Robeco Chemicals, Inc.

**TRITAC\***

Great Lakes Chemical Div.  
Hooker Chemical Co.

**TRITAC-D\***

Great Lakes Chemical Div.  
Hooker Chemical Co.

**URAB\***

Allied Chemical Corp.

**UREABOR\***

Green Lawn Laboratories, Inc.  
U.S. Borax & Chemical Corp.

**UROX\***

Allied Chemical Corp.  
Green Lawn Laboratories, Inc.

**VACATE\***

Diamond Alkali Co.

**PREEMERGENCE****AZAK\***

Hercules, Inc.

**BANDANE\***

Green Lawn Laboratories, Inc.  
Velsicol Chemical Corp.

**BENEFIN**

Elanco Products Co.

**BETASAN\***

Stauffer Chemical Co.

**CALCIUM PROPYL ARSENATE**

Green Lawn Laboratories, Inc.  
Vineland Chemical Co.

**CASORON\***

Great Lakes Chemical Div.  
Thompson-Hayward Chemical Co.

**CHLORDANE**

Great Lakes Chemical Div.  
Green Lawn Laboratories, Inc.  
S. B. Penick & Co.  
Velsicol Chemical Corp.

**DACTHAL\***

Diamond Alkali Co.  
Great Lakes Chemical Div.

**DIPHENAMID**

Elanco Products Co.  
TUCO Products Co.

**DNBP**

The Dow Chemical Co.  
Niagara Chemical Div., FMC Corp.

**ENDOTHAL**

Pennsalt Chemicals Corp.

**EPTAM\***

Stauffer Chemical Co.

**HERBAN\***

Hercules, Inc.

**HERBISAN\***

Roberts Chemicals, Inc.

**IPC**

Chipman Chemical Co.  
Pittsburgh Plate Glass Co.

**LEAD ARSENATE**

Chevron Chemical Co., Ortho Div.  
Chipman Chemical Co.  
Green Lawn Laboratories, Inc.  
Niagara Chemical Div., FMC Corp.

**LINURON**

E. I. duPont de Nemours & Co., Inc.

**NEBURON**

E. I. duPont de Nemours & Co., Inc.

**PRE-SAN\***

Mallinckrodt Chemical Works



**Coddle  
'em...**

**KILL  
'em!**



## How Nalco Research Gives You Better, Lower-Cost WEED AND BRUSH CONTROL

Nalco Weed Control Laboratories, indoors and out, take good care of tough weeds, grasses and woody plants—up to a point. Then, a fast, thorough kill of healthy growth shows which Nalco® chemicals give you the best control at most economical dosages.

**Climate-, Terrain-Tailored.** You get carefully-tested herbicides adapted for your climate, soil and season conditions. Pre-emergence and residual herbicide formulations fit your control needs . . . and the Nalco extras in weed control chemicals build profits .

**Endrift® Mist Control, for Example.** Nalco liquid herbicides with Endrift virtually eliminate mist—even from high-pressure sprays. You keep control chemicals *where you want them*. Precision application is practical, faster; and less chemical does the job better.

Dust-free Nalco granular herbicides are sized for easiest application and maximum control power . . . using less chemical takes less time when high-activity Nalkil® materials are on your jobs.

**Step Ahead on Bids.** Call your Nalco Representative for details and action on Nalco herbicides to give you that important profit edge this year. You'll find him an expert ally in building bids that win. If you prefer, we'll send you data direct . . . write Nalco, Chicago.

*Nalco*®

**NALCO CHEMICAL COMPANY**

180 North Michigan Avenue • Chicago, Illinois 60601

**SESONE**  
Amchem Products, Inc.

**SIMAZINE**  
(See Soil Sterilants)

**TILLAM\***  
Stauffer Chemical Co.

**TRICALCIUM ARSENATE**  
Chipman Chemical Co.  
Niagara Chemical Div., FMC Corp.  
Pennsalt Chemicals Corp.  
The Sherwin-Williams Co.

**TRIFLURALIN (TREFLAN\*)**  
Elanco Products Co.

**TUPERSAN\* (SIDURON)**  
E. I. duPont de Nemours & Co., Inc.

**ZYTRON\***  
The Dow Chemical Co.  
Green Lawn Laboratories, Inc.

•  
**POSTEMERGENCE**  
•

**AMITROLE-T**  
Amchem Products, Inc.  
American Cyanamid Co.  
Great Lakes Chemical Div.  
Nalco Chemical Co.

**AMMONIUM METHYL ARSENATE**  
The Ansul Co.  
Green Lawn Laboratories, Inc.  
Nalco Chemical Co.

**AMMONIUM SULFAMATE**  
E. I. duPont de Nemours & Co., Inc.  
Nalco Chemical Co.

**ARSENIC ACID**  
Allied Chemical Corp.  
Chevron Chemical Co., Ortho Div.  
Chipman Chemical Co.  
Niagara Chemical Div., FMC Corp.  
Pennsalt Chemicals Corp.  
The Sherwin-Williams Co.

**ATRAZINE**  
(See Soil Sterilants)

**BANVEL-D\* (DICAMBA)**  
Velsicol Chemical Corp.

**BORATE COMPOUNDS**  
(See Soil Sterilants)

**BROMACIL**  
(See Soil Sterilants)

**CACODYLIC ACID**  
The Ansul Co.  
Nalco Chemical Co.

**CALCIUM ACID METHYL ARSENATE**  
Nalco Chemical Co.  
Vineland Chemical Co.

**CALCIUM PROPYL ARSENATE**  
(See Preemergence Herbicides)

**DACAMINE\***  
Diamond Alkali Co.  
Great Lakes Chemical Div.

**DALAPON**  
(See Soil Sterilants)

**DINITRO COMPOUNDS**  
Allied Chemical Corp.  
Chevron Chemical Co., Ortho Div.  
The Dow Chemical Co.  
Niagara Chemical Div., FMC Corp.

**DIURON**  
(See Soil Sterilants)

**DMA (DSMA)**  
Allied Chemical Corp.  
The Ansul Co.  
Chevron Chemical Co., Ortho Div.  
Nalco Chemical Co.  
Thompson-Hayward Chemical Co.  
Vineland Chemical Co.

**ENDOTHAL**  
(See Preemergence Herbicides)

**EPTAM\***  
(See Preemergence Herbicides)

**FENAC**  
(See Soil Sterilants)

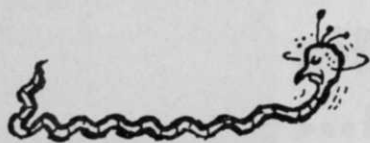
**FENURON**  
E. I. duPont de Nemours & Co., Inc.  
Nalco Chemical Co.

**HCA\***  
(See Soil Sterilants)

**LINURON**  
(See Preemergence Herbicides)

**MCPA**  
Allied Chemical Corp.  
Chipman Chemical Co.  
Diamond Alkali Co.  
The Dow Chemical Co.  
Great Lakes Chemical Div.  
Nalco Chemical Co.

want to



wipe out a wireworm?



nullify a nematode?



gas a grub?

*do it faster—more effectively with*

**METHYL BROMIDE**  
(WITH OR WITHOUT CHLOROPICRIN)

**ETHYLENE DIBROMIDE**

**SOILBROM®-85**

**AGRICULTURAL CHEMICALS**



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CHEMICAL CORP.**

**WEST LAFAYETTE, IND. 47906**

250 Park Ave., New York, N.Y.  
614 Glenwood Ave., Raleigh, N. C.  
19523 S. Susana Rd., Compton, Calif.

**GREAT LAKES CHEMICAL CORP.** Dept. WT-1  
West Lafayette, Ind. 47906

Please send current information on Methyl Bromide,  
Ethylene Dibromide and Soilbrom-85 for agricultural use.

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TITLE \_\_\_\_\_

COMPANY \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_

### MICPP

Chipman Chemical Co.  
Great Lakes Chemical Div.  
Green Lawn Laboratories, Inc.  
Shepard Chemical Industries, Inc.  
Vineland Chemical Co.

### MONURON

(See Soil Sterilants)

### MSMA

The Ansul Co.  
Great Lakes Chemical Div.  
Nalco Chemical Co.  
Thompson-Hayward Chemical Co.  
Vineland Chemical Co.

### NEBURON

(See Preemergence Herbicides)

### PARAQUAT\*

Chevron Chemical Co., Ortho Div.

### PENTACHLOROPHENOL

The Dow Chemical Co.  
Nalco Chemical Co.  
Reichhold Chemicals, Inc.

### PHENYLMERCURIC ACETATE (PMA)

Chemley Products Co.  
Green Lawn Laboratories, Inc.  
Vineland Chemical Co.

### PRAMITOL\*

(See Soil Sterilants)

### SILVEX

Chipman Chemical Co.  
The Dow Chemical Co.  
Green Lawn Laboratories, Inc.  
Hercules, Inc.  
Nalco Chemical Co.  
Northrup, King & Co.  
Thompson-Hayward Chemical Co.

### SODIUM ARSENITE

(See Soil Sterilants)

### SODIUM CACODYLATE

The Ansul Co.  
Nalco Chemical Co.

### TCA

(See Soil Sterilants)

### TORDON\*

The Dow Chemical Co.  
Nalco Chemical Co.

### TRYSDEN\* (TBA)

E. I. duPont de Nemours & Co., Inc.  
Nalco Chemical Co.

### 2,4-D

Allied Chemical Corp.  
Amchem Products, Inc.  
Chevron Chemical Co., Ortho Div.  
Chipman Chemical Co.  
Diamond Alkali Co.  
The Dow Chemical Co.  
Great Lakes Chemical Div.  
Green Lawn Laboratories, Inc.  
Hercules, Inc.  
Nalco Chemical Co.  
Northrup, King & Co.  
Stauffer Chemical Co.  
Thompson-Hayward Chemical Co.

### 2,4,5-T

Allied Chemical Corp.  
Amchem Products, Inc.  
Central Solvents & Chemicals Co.  
Chevron Chemical Co., Ortho Div.  
Chipman Chemical Co.  
Diamond Alkali Co.  
The Dow Chemical Co.  
Great Lakes Chemical Div.  
Green Lawn Laboratories, Inc.

Hercules, Inc.  
Nalco Chemical Co.  
Stauffer Chemical Co.  
Thompson-Hayward Chemical Co.

### UROX\*

(See Soil Sterilants)

### AQUATIC HERBICIDES

#### AMITROLE

Amchem Products, Inc.  
American Cyanamid Co.  
Great Lakes Chemical Div.

#### AMITROLE-T

(See Postemergence Herbicides)

#### AQUATHOL\*

Pennsalt Chemicals Corp.

#### AQUATHOL\* PLUS

Pennsalt Chemicals Corp.

#### CALCIUM HYPOCHLORITE

Pittsburgh Plate Glass Co.  
Robeco Chemicals, Inc.

#### CASORON\*

(See Preemergence Herbicides)

#### COPPER SULFATE

Chevron Chemical Co., Ortho Div.  
Green Lawn Laboratories, Inc.  
Phelps Dodge Refining Corp.  
Robeco Chemicals, Inc.  
Vineland Laboratories, Inc.

#### DACAMINE 4D\*

Diamond Alkali Co.  
Great Lakes Chemical Div.

#### DALAPON

(See Soil Sterilants)

#### DICHLONE

Naugatuck Chemical Div.

#### DIQUAT\*

Chevron Chemical Co., Ortho Div.  
Great Lakes Chemical Div.  
Green Lawn Laboratories, Inc.

#### HYDROTHOL\*

Pennsalt Chemicals Corp.

#### ORTHODICHLOROBENZENE

Pittsburgh Plate Glass Co.  
Robeco Chemicals, Inc.

#### POTASSIUM ENDOTHAL

Pennsalt Chemicals Corp.

#### SILVEX

(See Postemergence Herbicides)

#### SODIUM ARSENITE

(See Soil Sterilants)

#### 2,4-D

(See Postemergence Herbicides)

#### 2,4,5-T

(See Postemergence Herbicides)

## COMMERCIAL FERTILIZERS

### NITROGEN SOURCES

—Fast Release—

### AMMONIA, ANHYDROUS

Allied Chemical Corp.  
Best Fertilizers Co.  
Chevron Chemical Co., Ortho Div.  
Columbia Nitrogen Corp.  
The Dow Chemical Co.  
E. I. duPont de Nemours & Co., Inc.  
Hercules, Inc.  
Phillips Petroleum Co.  
Pittsburgh Plate Glass Co.  
Smith-Douglass Div., Borden Chem.  
Sohio Chemical Co.

### AMMONIUM NITRATE

Allied Chemical Corp.  
Agrico Chemical Co.  
Chevron Chemical Co., Ortho Div.  
Columbia Nitrogen Corp.  
Green Lawn Laboratories, Inc.  
Hercules, Inc.  
International Minerals & Chem. Corp.  
Phillips Petroleum Co.  
Smith-Douglass Div., Borden Chem.  
Sohio Chemical Co.

### AMMONIUM PHOSPHATE

Allied Chemical Corp.  
Best Fertilizers Co.  
Chevron Chemical Co., Ortho Div.  
Green Lawn Laboratories, Inc.  
Phillips Petroleum Co.  
Smith-Douglass Div., Borden Chem.  
Stauffer Chemical Co.

### AMMONIUM SULFATE

Allied Chemical Corp.  
Best Fertilizers Co.  
Chevron Chemical Co., Ortho Div.  
Columbia Nitrogen Corp.  
The Dow Chemical Co.  
Green Lawn Laboratories, Inc.  
Phillips Petroleum Co.  
Rohm & Haas Co.  
Smith-Douglass Div., Borden Chem.

### AQUA AMMONIA

Best Fertilizers Co.  
Chevron Chemical Co., Ortho Div.  
Columbia Nitrogen Corp.  
The Dow Chemical Co.  
Green Lawn Laboratories, Inc.  
Hercules, Inc.  
Sohio Chemical Co.

### CALCIUM NITRATE

Best Fertilizers Co.  
Green Lawn Laboratories, Inc.

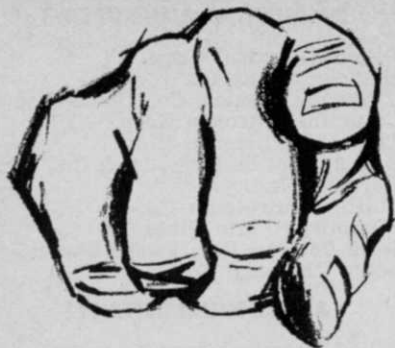
### UREA

Allied Chemical Corp.  
Agrico Chemical Co.  
Best Fertilizers Co.  
Chevron Chemical Co., Ortho Div.  
Columbia Nitrogen Corp.  
Green Lawn Laboratories, Inc.  
Hercules, Inc.  
International Minerals & Chem. Corp.  
Phillips Petroleum Co.  
Smith-Douglass Div., Borden Chem.  
Sohio Chemical Co.

—Slow Release—

### UREA-FORMALDEHYDE

Allied Chemical Corp.  
Best Fertilizers Co.  
E. I. duPont de Nemours & Co., Inc.  
Green Lawn Laboratories, Inc.  
Hercules, Inc.

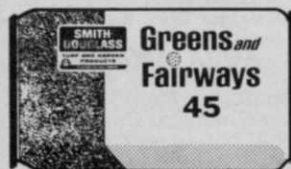


# TEST YOUR TURF FOOD

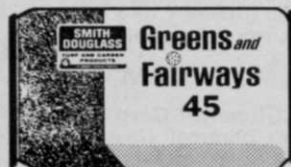
• Is your turf food extra high in nitrogen (30-5-10) to pack green-up energy into tired turf? **GREENS & FAIRWAYS 45 IS!**



• Is your turf food low in phosphorus but with enough potash to thicken turf and promote a healthy root system? **GREENS & FAIRWAYS 45 IS!**



• Is your turf food clean, green, easy-handling and even-spreading? **GREENS & FAIRWAYS 45 IS!**



• Is your turf food especially formulated for professional use . . . not available to the homeowner? **GREENS & FAIRWAYS 45 IS!**

To make **GREENS & FAIRWAYS 45 YOUR TURF FOOD**, write:

**The Borden Chemical Co.  
Smith-Douglass Division**

5100 Va. Beach Blvd., Box 419, Norfolk, Va.

Professionally  
Yours . . .



## UREA-FORMALDEHYDE (Cont.)

International Minerals & Chem. Corp.  
Smith-Douglass Div., Borden Chem.  
Summers Fertilizers, Inc.

## —Organic Nitrogen—

## BONE MEAL, STEAMED

Best Fertilizers Co.  
Green Lawn Laboratories, Inc.  
Smith-Douglass Div., Borden Chem.  
Andrew Wilson, Inc.

## COTTONSEED MILL

Smith-Douglass Div., Borden Chem.  
Andrew Wilson, Inc.

## MILORGANITE\*

Sewerage Commission of Milwaukee

## NITRO-GANO\*

Wilbur-Ellis Co.

## POTASH SOURCES

## POTASSIUM CARBONATE

Diamond Alkali Co.  
Hooker Chemical Corp.

## POTASSIUM CHLORIDE

Allied Chemical Corp.  
American Potash & Chemical Corp.  
Green Lawn Laboratories, Inc.  
Kalium Chemicals, Ltd.  
Phillips Petroleum Co.  
Smith-Douglass Div., Borden Chem.  
U. S. Borax & Chemical Co.

## POTASSIUM NITRATE

Green Lawn Laboratories, Inc.  
Smith-Douglass Div., Borden Chem.  
Southwest Potash Div.

## POTASSIUM SULFATE

American Potash & Chemical Corp.  
Best Fertilizers Co.  
Green Lawn Laboratories, Inc.  
Mallinckrodt Chemical Works  
Smith-Douglass Div., Borden Chem.

## MIXED N-P-K TYPES

## SOLID

Agrico Chemical Co.  
Best Fertilizers Co.  
Chevron Chemical Co., Ortho Div.  
Columbia Nitrogen Corp.  
Davison Chemical Div.,  
Green Lawn Laboratories, Inc.  
International Minerals & Chem. Corp.  
Loamite Corp.  
Northrup, King & Co.  
Robert B. Peters Co., Inc.  
Phillips Petroleum Co.  
Plant Marvel Laboratories  
Ra-Pid-Grow Corp.  
Smith-Douglass Div., Borden Chem.  
Summers Fertilizers, Inc.  
Wilbur-Ellis Co.

## LIQUID

Allied Chemical Corp.  
Best Fertilizers Co.  
Chevron Chemical Co., Ortho Div.  
Cloro-Spray Corp.  
Columbia Nitrogen Corp.

Green Lawn Laboratories, Inc.  
Hydroponic Chemical Co., Inc.  
Phillips Petroleum Co.  
Wilbur-Ellis Co.

## PLASTIC COATED

Smith-Douglass Div., Borden Chem.

## PHOSPHATE SOURCES

## CONCENTRATED

Agrico Chemical Co.  
Best Fertilizers Co.  
Chevron Chemical Co., Ortho Div.  
Green Lawn Laboratories, Inc.  
International Minerals & Chem. Corp.  
Phillips Petroleum Co.  
Smith-Douglass Div., Borden Chem.

## ROCK PHOSPHATES

Agrico Chemical Co.  
Chevron Chemical Co., Ortho Div.  
International Minerals & Chem. Corp.  
Smith-Douglass Div., Borden Chem.

## —Ammonium Phosphates—

## AMMONIUM PHOSPHATE-NITRATE

Chevron Chemical Co., Ortho Div.  
Green Lawn Laboratories, Inc.  
Smith-Douglass Div., Borden Chem.

## AMMONIUM PHOSPHATE-SULFATE

Best Fertilizers Co.  
Chevron Chemical Co., Ortho Div.  
Phillips Petroleum Co.  
Smith-Douglass Div., Borden Chem.  
Stauffer Chemical Co.

## AMMONIUM PHOSPHATE-UREA

Green Lawn Laboratories, Inc.  
Smith-Douglass Div., Borden Chem.

## DIAMMONIUM PHOSPHATE

Allied Chemical Corp.  
Agrico Chemical Co.  
Best Fertilizers Co.  
Chevron Chemical Co., Ortho Div.  
Columbia Nitrogen Corp.  
Green Lawn Laboratories, Inc.  
Hooker Chemical Co.  
International Minerals & Chem. Corp.  
Phillips Petroleum Co.  
Smith-Douglass Div., Borden Chem.  
Stauffer Chemical Co.

## MONOAMMONIUM PHOSPHATE

Chevron Chemical Co., Ortho Div.  
Green Lawn Laboratories, Inc.  
Smith-Douglass Div., Borden Chem.  
Stauffer Chemical Co.

## PHOSPHORIC ACID

Allied Chemical Corp.  
Agrico Chemical Co.  
Best Fertilizers Co.  
Columbia Nitrogen Corp.  
Green Lawn Laboratories, Inc.  
International Minerals & Chem. Corp.  
Phillips Petroleum Co.  
Smith-Douglass Div., Borden Chem.  
Stauffer Chemical Co.  
U. S. Industrial Chemicals Co.

## pH CONTROLLERS

### ALUMINUM SULFATE

International Minerals & Chem. Corp.  
Andrew Wilson, Inc.

### CALCIUM CARBONATE

Diamond Alkali Co.  
Green Lawn Laboratories, Inc.  
Minerals & Chemicals Philipp Corp.  
Pittsburgh Plate Glass Co.

### DOLOMITE

Best Fertilizers Co.  
Smith-Douglass Div., Borden Chem.

### GYPSSUM (CALCIUM SULFATE)

Best Fertilizers Co.  
Smith-Douglass Div., Borden Chem.

### LIME, CONCENTRATE

Best Fertilizers Co.  
Minerals & Chemicals Philipp Corp.  
Smith-Douglass Div., Borden Chem.

### LIMESTONE

Pittsburgh Plate Glass Co.

### LIQUID FISH

Best Fertilizers Co.  
Chevron Chemical Co., Ortho Div.

### SULFUR

Allied Chemical Corp.  
Best Fertilizers Co.  
Chevron Chemical Co., Ortho Div.  
Smith-Douglass Div., Borden Chem.  
Wilbur-Ellis Co.

## SOIL CONDITIONERS

### BARK

Weyerhaeuser Co.  
Best Fertilizers Co.

### CALCINED CLAY

Floridin Co.  
Minerals & Chemicals Philipp Corp.  
Oil-Dri Corp. of America  
Waverly Petroleum Products Co.  
Wyandotte Chemicals Corp.

### CELATOM\*

Eagle-Picher Industries, Inc.

### CORN COBS

Green Lawn Laboratories, Inc.  
Smith-Douglass Div., Borden Chem.

### DIATOMITE\*

Eagle-Picher Industries, Inc.

### LOAMITE\*

Loamite Corp.

### PEAT-HUMUS

Premier Peat Moss Corp.  
Western Peat Co.

### PEAT MOSS

Best Fertilizers Co.  
Premier Peat Moss Corp.

### VERMICULITE

American Vermiculite Corp.  
Smith-Douglass Div., Borden Chem.  
Zonolite Div., W. R. Grace & Co.

### WOOD CHIPS

Fitchburg Engineering Corp.

## MULCHES

### CALCINED ABSORBENT CLAY

(See Soil Conditioners)

### EROSION CONTROL MULCHES

American Excelsior Corp.  
Weyerhaeuser Co.

### LANDSCAPE MULCHES

Best Fertilizers Co.  
Fitchburg Engineering Corp.  
Premier Peat Moss Corp.  
Weyerhaeuser Co.

### SEEDING MULCHES

American Excelsior Corp.  
International Paper Co.  
Troy Blanket Mills  
Weyerhaeuser Co.

## MISCELLANEOUS COMPOUNDS

### ANTICAKING CONDITIONERS

Armour Industrial Chemicals Co.  
Eagle-Picher Industries, Inc.  
Minerals & Chemicals Philipp Corp.  
Waverly Petroleum Products Co.  
Zonolite Div., W. R. Grace & Co.

### ANTIDESICCANT SPRAYS

Aquatrols Corp. of America  
Andrew Wilson, Inc.

# CROWN VETCH

Controls Erosion and  
Greatly Enhances Hillside Beauty

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**ZERO MAINTENANCE!**  
**NO MOWING!**  
**NO WEEDING!**

• • •  
Our seed meets state highway department specifications. Packed in 10-pound sealed, poly bags.

• • •  
Write for Price Information  
and Attractive Brochure

## STANFORD SEED CO.

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or  
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716-825-3300



# PETERS SPECIAL

## SOLUBLE FERTILIZERS

Completely chelated all purpose feeds  
Contain all necessary trace elements in a completely available form. -- Contain very effective color tracers -- Contain effective penetrating agents. --

Ideal for all types of foliar, turf and root feeding.  
Compatible with all commonly used spray materials.  
The finest soluble fertilizers ever made! Try them and see!  
Inquire from your jobber or write direct to us for further information.

**ROBERT B. PETERS CO., INC.**  
2833 PENNSYLVANIA ST. ALLENTOWN, PA.

# DROP DEAD



## NO SOONER SAID THAN DONE...

### with PENICK MALATHION FORMULATIONS

Penick offers a comprehensive variety of formulations for the control of mosquitos, including resistant strains and disease-bearing species, small flying insects, mealybugs, aphids and other turf pests. Combining high killing power with very low mammalian

toxicity, these stable, low-odor pesticides are quick-acting and can be stored for extended periods. They're economical, too. Malathion's unique "reach-out" capability is just one economy factor. We can tell you about a number of others. Just ask us.

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4161 BECK AVENUE, ST. LOUIS, MO. 63116

*Farm Chemicals &  
Insecticides Division*

## SEED; GRASS & COVERS

Asgrow Seed Co.  
Chanderlin Seed Co.  
Green Lawn Laboratories, Inc.  
Mock Seed Co.  
Northrup, King & Co.  
O. M. Scott & Sons Co.  
Stanford Seed Co.  
Vaughan's Seed Co.  
Whitney Seed Co., Inc.

### TREE WOUND PAINT

John Bacon Corp.  
Samuel Cabot, Inc.  
B. G. Pratt Co.  
Seymour Smith & Son, Inc.  
Smith-Douglass Div., Borden Chem.  
Andrew Wilson, Inc.

### TREE KILLERS

The Ansul Co.  
The Dow Chemical Co.  
Green Lawn Laboratories, Inc.

### TURF COLORING COMPOUNDS

Green Lawn Laboratories, Inc.  
The Gregg Co.  
O. E. Linck Div., Walco-Linck Corp.  
Mallinckrodt Chemical Works

## CARRIERS

### DUSTS, NATURAL

Floridin Co.  
Green Lawn Laboratories, Inc.  
Minerals & Chemicals Philipp Corp.

### GRANULES, NATURAL

American Talc Co.  
American Vermiculite Corp.  
Floridin Co.  
Minerals & Chemicals Philipp Corp.  
Waverly Petroleum Products Co.

### GRANULES, SYNTHETIC

Zonolite Div., W. R. Grace & Co.

### LIQUID (SOLVENTS)

American Oil Co.  
Green Lawn Laboratories, Inc.  
Gulf Oil Corp.  
Humble Oil & Refining Co.  
Signal Oil & Gas Co.  
Tenneco Oil Co.

## DILUENTS

### DIATOMACEOUS EARTH

Eagle-Picher Industries, Inc.  
Johns-Manville Corp.

### FULLERS EARTH

Floridin Co.  
Minerals & Chemicals Philipp Corp.  
Waverly Petroleum Products Co.

### GRANULES, GENERAL

Green Lawn Laboratories, Inc.  
Minerals & Chemicals Philipp Corp.

### KAOLINS (CLAY)

Minerals & Chemicals Philipp Corp.

### TALC

American Talc Co.  
Bonide Chemical Co., Inc.

## TRACE ELEMENTS

### BORAX

American Potash & Chemical Corp.  
Green Lawn Laboratories, Inc.  
Smith-Douglass Div., Borden Chem.  
U. S. Borax & Chemical Co.

### BORO-SPRAY

American Potash & Chemical Corp.

### COPPER CHELATE

Geigy Agricultural Chemicals  
Green Lawn Laboratories, Inc.  
Niagara Chemical Div., FMC Corp.  
Smith-Douglass Div., Borden Chem.

### COPPER SULFATE

Allied Chemical Corp.  
Green Lawn Laboratories, Inc.  
Phelps Dodge Refining Corp.  
Robeco Chemicals, Inc.  
Smith-Douglass Div., Borden Chem.  
Vineland Laboratories, Inc.

### IRON CHELATE

Best Fertilizers Co.  
Geigy Agricultural Chemicals  
Great Lakes Chemical Div.  
Green Lawn Laboratories, Inc.  
Niagara Chemical Div., FMC Corp.  
Smith-Douglass Div., Borden Chem.  
Tennessee Corp.  
Vineland Laboratories, Inc.

### IRON, MICRONIZED

Green Lawn Laboratories, Inc.

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**WHITNEY SEED DIVISION**

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### IRON SULFATE

Allied Chemical Corp.  
Best Fertilizers Co.  
Eagle-Picher Industries, Inc.  
Green Lawn Laboratories, Inc.  
Mallinckrodt Chemical Works  
Phillips Petroleum Co.  
Smith-Douglass Div., Borden Chem.  
Tennessee Corp.

### MAGNESIUM CARBONITE

Smith-Douglass Div., Borden Chem.

### MAGNESIUM SULFATE

Allied Chemical Corp.

### MANGANESE CHELATE

Geigy Agricultural Chemicals  
Great Lakes Chemical Div.  
Green Lawn Laboratories, Inc.  
Smith-Douglass Div., Borden Chem.

### MANGANESE SULFATE

Allied Chemical Corp.  
Eagle-Picher Industries, Inc.  
Eastman Chemical Products, Inc.  
Green Lawn Laboratories, Inc.  
Tennessee Corp.

### MANGANOUS OXIDE

Green Lawn Laboratories, Inc.  
Tennessee Corp.

### MOLYBDENUM

Green Lawn Laboratories, Inc.  
Smith-Douglass Div., Borden Chem.

### ZINC CHELATE

Best Fertilizers Co.  
Geigy Agricultural Chemicals  
Great Lakes Chemical Div.  
Green Lawn Laboratories, Inc.  
Niagara Chemical Div., FMC Corp.  
Smith-Douglass Div., Borden Chem.

### ZINC SULFATE

Allied Chemical Corp.  
Eagle-Picher Industries, Inc.  
Green Lawn Laboratories, Inc.  
Phillips Petroleum Co.  
The Sherwin-Williams Co.  
Tennessee Corp.

### COMBINATION OF TRACE ELEMENTS

Green Lawn Laboratories, Inc.  
Niagara Chemical Div., FMC Corp.

## SURFACE ACTIVE AGENTS

### DETERGENTS, GENERAL

Armour Industrial Chemical Co.  
Cloro-Spray Corp.  
The Dow Chemical Co.  
Emery Industries, Inc.  
General Aniline & Film Corp.  
Rohm & Haas Co.  
Stepan Chemical Co.

### EMULSIFIERS

Armour Industrial Chemical Co.  
Atlas Chemical Industries, Inc.  
Cloro-Spray Corp.  
Emery Industries, Inc.  
General Aniline & Film Corp.  
Great Lakes Chemical Div.  
Rohm & Haas Co.  
Stepan Chemical Co.  
Thompson-Hayward Chemical Co.

### SPREADER-STICKERS

Allied Chemical Corp.  
Chipman Chemical Co.  
Colloidal Products Corp.  
E. I. duPont de Nemours & Co., Inc.

Emery Industries, Inc.  
Great Lakes Chemical Div.  
Green Lawn Laboratories, Inc.  
B. G. Pratt Co.  
Rohm & Haas Co.  
Stepan Chemical Co.  
Thompson-Hayward Chemical Co.  
Thuron Industries, Inc.  
Wilbur-Ellis Co.  
Andrew Wilson, Inc.

### STABILIZERS

Armour Industrial Chemical Co.  
Emery Industries, Inc.  
General Aniline & Film Corp.

### WETTING AGENTS

Allied Chemical Corp.  
American Cyanamid Co.  
Aquatrols Corp. of America  
Armour Industrial Chemical Co.  
Cloro-Spray Corp.  
Colloidal Products Corp.  
Emery Industries, Inc.  
General Aniline & Film Corp.  
Great Lakes Chemical Div.  
Green Lawn Laboratories, Inc.  
Roberts Chemicals, Inc.  
Rohm & Haas Co.  
Stepan Chemical Co.  
Thompson-Hayward Chemical Co.  
Thuron Industries, Inc.  
Vineland Chemical Co.  
"Water In," Inc.

## SPRAY THICKENING AGENTS

### DACAGIN\*

Diamond Alkali Co.  
Great Lakes Chemical Div.

### NORBAK\*

The Dow Chemical Co.

### VISTIK\*

Hercules, Inc.

## GROWTH RETARDANTS

### MALEIC HYDRAZIDE

Naugatuck Chemical Div.

### PHOSFON\*

Mobil Chemical Co.

## SOIL FUMIGANTS & NEMATOCIDES

### BEDRENCH

Niagara Chemical Div., FMC Corp.

### BROMIDE

The Dow Chemical Co.  
Great Lakes Chemical Div.

### CHLOROPICRIN

The Dow Chemical Co.  
Great Lakes Chemical Div.  
Morton Chemical Co.

### D-D\* (VIDDEN-D\*)

The Dow Chemical Co.  
Great Lakes Chemical Div.  
Shell Chemical Co.,  
Ag. Chem. Div.  
Stauffer Chemical Co.

## DICHLOROPROPENE COMPOUNDS

The Dow Chemical Co.  
Great Lakes Chemical Div.

### ETHYLENE DIBROMIDE

The Dow Chemical Co.  
Great Lakes Chemical Div.  
Niagara Chemical Div., FMC Corp.

### FUMAZONE\* (NEMAGON\*)

The Dow Chemical Co.  
Great Lakes Chemical Div.  
Shell Chemical Co.,  
Ag. Chem. Div.

### METHYL BROMIDE

The Dow Chemical Co.  
Great Lakes Chemical Div.  
Michigan Chemical Corp.  
Velsicol Chemical Corp.

### MYLONE\*

Union Carbide Corp.

### PROPARGYL

The Dow Chemical Co.

### SAROLEX\*

Geigy Agricultural Chemicals

### TELONE\*

The Dow Chemical Co.

### TRIZONE\*

Great Lakes Chemical Div.

### VAPAM\* (VPM\*)

E. I. duPont de Nemours & Co., Inc.  
Stauffer Chemical Co.

### V-C 13\*

Mobil Chemical Co.

### VORLEX\*

Great Lakes Chemical Div.  
Morton Chemical Co.  
Niagara Chemical

## MITICIDES

### ARAMITE\*

Naugatuck Chemical Div.  
Stauffer Chemical Co.

### BIDRIN\*

Shell Chemical Co.,  
Ag. Chem. Div.

### CHLOROBENZILATE\*

Geigy Agricultural Chemicals

### DELNAV\*

Great Lakes Chemical Div.  
Hercules, Inc.

### DIBROM\*

Chevron Chemical Co., Ortho Div.  
Great Lakes Chemical Div.  
Stauffer Chemical Co.

### DIMITE\*

The Sherwin-Williams Co.

### ETHION

Niagara Chemical Div., FMC Corp.

### GENITE\*

Allied Chemical Corp.

### KARATHANE\*

(See Fungicides)

### KELTHANE\*

Great Lakes Chemical Div.  
Rohm & Haas Co.

### MORESTAN\*

Chemagro Corp.



**MOROCIDE\* (BINAPACRYL)**  
Niagara Chemical Div., FMC Corp.

**PENTAC\***  
Great Lakes Chemical Div.  
Hooker Chemical Corp.

**SYSTOX\***  
Chemagro Corp.

**TEDION\***  
Great Lakes Chemical Div.  
Niagara Chemical  
Stauffer Chemical Co.

**TRITHION\***  
Stauffer Chemical Co.

## INSECTICIDES

**ABATE\***  
American Cyanamid Co.

**ALDRIN**  
Great Lakes Chemical Div.  
Shell Chemical Co.,  
Ag. Chem. Div.

**ARSENICAL COMPOUNDS**  
Chipman Chemical Co.  
Green Lawn Laboratories, Inc.  
Niagara Chemical Div., FMC Corp.  
Pennsalt Chemicals Corp.  
The Sherwin-Williams Co.

**ASPON\***  
Stauffer Chemical Co.

**AZINPHOSMETHYL (GUTHION\*)**  
Chemagro Corp.

**BACILLUS THURINGIENSIS**  
Bioferm Corp.  
Pennsalt Chemicals Corp.  
Stauffer Chemical Co.

**BAYGON\* (BAYER 39007)**  
Chemagro Corp.

**BAYTEX\***  
Chemagro Corp.

**BETANAPHTHOL**  
The Sherwin-Williams Co.

**BHC**  
Hooker Chemical Corp.  
Pennsalt Chemicals Co.

**BIDRIN\***  
(See Miticides)

**CHLORDANE**  
(See Preemergence Herbicides)

**COPPER ARSENATE, BASIC**  
The Sherwin-Williams Co.

**CRYOLITE**  
Pennsalt Chemicals Corp.

**CYGON\* (DIMETHOATE)**  
American Cyanamid Co.  
Great Lakes Chemical Div.

**DDD (TDE)**  
Allied Chemical Corp.  
Rohm & Haas Co.

**DDT**  
Allied Chemical Corp.  
Bonide Chemical Co., Inc.  
Chevron Chemical Co., Ortho Div.  
Chipman Chemical Co., Inc.  
Diamond Alkali Co.  
Faesy & Besthoff, Inc.

Gabriel Chemicals, Ltd.  
Great Lakes Chemical Div.  
Green Lawn Laboratories, Inc.  
Montrose Chemical Co.  
S. B. Penick & Co.  
Pennsalt Chemicals Corp.  
B. G. Pratt Co.  
Stauffer Chemical Co.  
Thompson-Hayward Chemical Co.

**DDVP (VAPONA\*)**

Great Lakes Chemical Div.  
S. B. Penick & Co.  
Shell Chemical Co.,  
Ag. Chem. Div.

**DELNAV\***  
(See Miticides)

**DIAZINON\***  
Geigy Agricultural Chemicals  
Great Lakes Chemical Div.

**DIBROM\***  
(See Miticides)

**DIELDRIN**  
Great Lakes Chemical Div.  
Green Lawn Laboratories, Inc.  
S. B. Penick & Co.  
Shell Chemical Co.,  
Ag. Chem. Div.  
Smith-Douglass Div., Borden Chem.

**DIMETHRIN**  
McLaughlin Gormley King Co.

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Chemagro Corp.  
Smith-Douglass Div., Borden Chem.

**DNOC**

Niagara Chemical Div., FMC Corp.

**DRINOX\***

Morton Chemical Co.

**ENDOSULFAN (THIODAN\*)**

Niagara Chemical Div., FMC Corp.

**ENDRIN**

Great Lakes Chemical Div.  
Shell Chemical Co.,  
Ag. Chem. Div.  
Velsicol Chemical Corp.

**ETHION**

(See Miticides)

**HEPTACHLOR**

Great Lakes Chemical Div.  
Velsicol Chemical Corp.

**KORLAN\***

The Dow Chemical Co.

**LEAD ARSENATE**

(See Preemergence Herbicides)

**LETHANE**

Rohm & Haas Co.

**LIME SULFUR**

Allied Chemical Corp.  
Miller Chemical & Fertilizer Corp.

**LINDANE**

Allied Chemical Corp.  
Chevron Chemical Co., Ortho Div.  
Chipman Chemical Co.  
Great Lakes Chemical Div.  
Green Lawn Laboratories, Inc.  
Hooker Chemical Corp.  
S. B. Penick & Co.  
Pennsalt Chemicals Corp.  
Robeco Chemicals, Inc.  
Stauffer Chemical Co.

**MALATHION**

American Cyanamid Co.  
Great Lakes Chemical Div.  
Green Lawn Laboratories, Inc.  
S. B. Penick & Co.  
Smith-Douglass Div., Borden Chem.

**METALDEHYDE**

Commercial Solvents Corp.  
Great Lakes Chemical Div.

**META-SYSTOX-R\***

Chemagro Corp.  
Smith-Douglass Div., Borden Chem.

**METHOXYCHLOR**

Allied Chemical Corp.  
E. I. duPont de Nemours & Co., Inc.  
Great Lakes Chemical Div.

**METHYL PARATHION**

American Cyanamid Co.  
Great Lakes Chemical Div.  
Pennsalt Chemicals Corp.  
Stauffer Chemical Co.  
Velsicol Chemical Corp.

**OILS, DORMANT**

Allied Chemical Corp.  
Chevron Chemical Co., Ortho Div.  
Great Lakes Chemical Div.  
Green Lawn Laboratories, Inc.  
B. G. Pratt Co.  
Smith-Douglass Div., Borden Chem.

**OILS, SUMMER**

Great Lakes Chemical Div.  
B. G. Pratt Co.

**PARATHION**

Allied Chemical Corp.  
American Cyanamid Co.  
American Potash & Chemical Corp.  
Chevron Chemical Co., Ortho Div.  
Chipman Chemical Co.  
Great Lakes Chemical Div.  
Green Lawn Laboratories, Inc.  
Pennsalt Chemicals Corp.  
Stauffer Chemical Co.

**PARIS GREEN**

Chipman Chemical Co.

**PHENOTHIAZINE**

Prentiss Drug & Chemical Co.

**PHORATE (THIMET\*)**

American Cyanamid Co.

**PHOSDRIN\***

Great Lakes Chemical Div.  
Shell Chemical Co.,  
Ag. Chem. Div.

**PHOSPHAMIDON (DIMECRON\*)**

Chevron Chemical Co., Ortho Div.  
Great Lakes Chemical Div.

**PYRETHRINS**

Great Lakes Chemical Div.  
McLaughlin Gormley King Co.  
Niagara Chemical Div., FMC Corp.  
S. B. Penick & Co.  
Prentiss Drug & Chemical Co.

**ROTENONE**

S. B. Penick & Co.

**RYANIA**

S. B. Penick & Co.

**SEVIN\* (CARBARYL)**

Great Lakes Chemical Div.  
Smith-Douglass Div., Borden Chem.  
Union Carbide Corp.

**SINOX\***

Niagara Chemical Div., FMC Corp.

**STROBANE**

McLaughlin Gormley King Co.

**SYSTOX\***

(See Miticides)

**TEPP**

Great Lakes Chemical Div.  
Stauffer Chemical Co.

**THANITE\***

Hercules, Inc.

**TOXAPHENE**

Great Lakes Chemical Div.  
Hercules, Inc.

**TRICHLORFON  
(DYLOX\*, DIPTEREX\*)**

Chemagro Corp.

**TRITHION\***

(See Miticides)

**ZECTRAN\***

Dow Chemical Co.  
Great Lakes Chemical Div.

**ZINOPHOS**

American Cyanamid Co.

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TUCO Products Co.

**BOTRAN\***

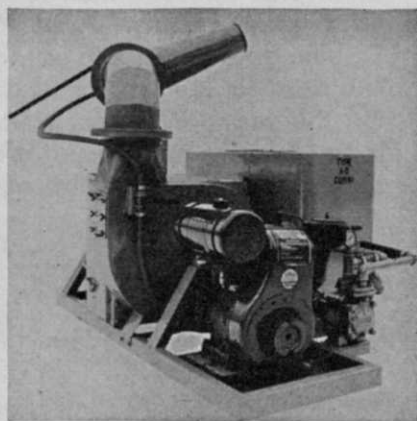
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