

WEEDS TREES and TURF®



1971 SUPPLIERS GUIDE AND EQUIPMENT DIRECTORY

GOLF COURSE ARCHITECT DIRECTORY

1970 ARTICLE INDEX

Weeds Trees and Turf presents in this section its annual guide to suppliers of vegetation control chemicals and equipment in urban/industrial areas. There is a mixture of common and registered trade names, unavoidable since usage and recommendations of researchers refer to a particular chemical by one or the other, depending upon the newness of the compound, whether its common name is easier to use, or industry acceptance. There also will be some differences of opinion over the inclusion or omission of certain chemicals under particular use categories. Here again confusion exists among reference sources. We have made our choices on the basis of most frequent mention in our surveys which preceded this compilation. Readers' comments and suggestions are invited to help up improve future editions. Keep this year's guide handy for frequent use.

An index to editorial content for 1970 follows the Suppliers' Guide. Subjects and titles, cross-references, are listed for all major features, news stories, conference reports, editorial opinion, columns and letters. Contributing editors are listed at the end of the index.

HERBICIDES

SOIL STERILANTS**AMIZINE**

Amchem Products, Inc.
W. R. Grace & Co.
Nalco Chemical Co.

AMMONIUM SULFATE

Aceto Chemical Co., Inc.
The J. J. Dill Co.
W. R. Grace & Co.
Phillips Petroleum Co.
Summers Fertilizers, Inc.

ASSAULT

West Chemical Products Co.

ATRATOL

Geigy Agricultural Chemicals

ATRAZINE

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Geigy Agricultural Chemicals
W. R. Grace & Co.
Great Lakes Chemical Div.
Hub States Chemical & Equip. Corp.
Nalco Chemical Co.
O. M. Scott & Sons Co.
Southern Mill Creek Products Co., Inc.
U.S.S. Agri-Chemicals Div.

BARON

Dow Chemical Co.

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Chipman Div., Rhodia Inc.
The J. J. Dill Co.
Green Lawn Laboratories, Inc.
Nalco Chemical Co.
Southern Mill Creek Products Co., Inc.
U.S. Borax & Chemical Corp.

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

BO-RID

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Hub States Chemical & Equip. Corp.

BOROCIL IV

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Hub States Chemical & Equip. Corp.
Nalco Chemical Co.
Southern Mill Creek Products Co., Inc.
Stull Chemical Co.

CALCIUM CHLORIDE

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Fence Painter Corp.
Pittsburgh Plate Glass Co.

CHLOREA

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The J. J. Dill Co.
Green Lawn Laboratories, Inc.

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W. R. Grace & Co.
Nalco Chemical Co.
Southern Mill Creek Products

Co., Inc.

DIURON

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E. I. duPont de Nemours & Co., Inc.
Nalco Chemical Co.
Southern Mill Creek Products Co., Inc.

D-LETE

The J. J. Dill Co.

ERBON

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Nalco Chemical Co.

FENAC

Amchem Products, Inc.
Nalco Chemical Co.

FENATROL

Amchem Products, Inc.

HCA

Allied Chemical Corp.
Southern Mill Creek Products Co., Inc.

HIBOR

U.S. Borax & Chemical Corp.

MBC

Hooker Chemical Corp.

MONOBOR-CHLORATE

Green Lawn Laboratories, Inc.
Southern Mill Creek Products Co., Inc.
U.S. Borax & Chemical Corp.

MONURON

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C. B. Dolge Co.
E. I. duPont de Nemours & Co., Inc.
Green Lawn Laboratories, Inc.
Nalco Chemical Co.
Southern Mill Creek Products Co., Inc.

PBA

Nalco Chemical Co.

PRAMITOL

The J. J. Dill Co.
Geigy Agricultural Chemicals
Great Lakes Chemical Div.
Hub States Chemical & Equip. Corp.
Nalco Chemical Co.
B. G. Pratt Co.
Southern Mill Creek Products Co., Inc.

PHYTAR 560

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SIMAZINE

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Geigy Agricultural Chemicals
W. R. Grace & Co.
Great Lakes Chemical Div.
Hub States Chemical & Equip. Corp.
Nalco Chemical Co.
Southern Mill Creek Products Co., Inc.

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Allied Chemical Corp.
R. H. Bogle Co.
Chevron Chemical Co., Ortho Div.
Chipman Div., Rhodia, Inc.
The J. J. Dill Co.
Green Lawn Laboratories, Inc.
Miller Chemical & Fertilizer Corp.
Niagara Chemical Div., FMC Corp.
Pennwalt Chemicals Corp.
B. G. Pratt Co.

SODIUM CHLORATE

Chipman Div., Rhodia, Inc.
The J. J. Dill Co.

W. R. Grace & Co.
Green Lawn Laboratories, Inc.
Hooker Chemical Co.
Nalco Chemical Co.
Pennwalt Chemicals Corp.

TBA

E. I. du Pont de Nemours & Co., Inc.
Nalco Chemical Co.

TCA

Allied Chemical Corp.
Amchem Products, Inc.
The J. J. Dill Co.
The Dow Chemical Co.
Fence Painter Corp.
Nalco Chemical Co.
Robeco Chemicals, Inc.

TRITAC

Great Lakes Chemical Div.

TRITAC-D

Great Lakes Chemical Div.

URAB

Allied Chemical Corp.

UREABOR

Green Lawn Laboratories, Inc.
Southern Mill Creek Products Co., Inc.
U.S. Borax & Chemical Corp.

UROX

Allied Chemical Corp.
Green Lawn Laboratories, Inc.
Southern Mill Creek Products Co., Inc.
West Chemical Products, Inc.

VACATE

Diamond Shamrock Chemical Co.

VAPAM

Stauffer Chemical Co.

WEED FREE 1.6, BC, BT

Chapman Chemical Co.

WEED OUT

Fence Painter Corp.

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Thompson-Hayward Chemical Co.
Uniroyal Chemical, Div. of Uniroyal, Inc.

ALANAP PLUS

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AZAK

Hercules Incorporated
Summers Fertilizers, Inc.

BALAN

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Green Lawn Laboratories, Inc.
Lawnhouse Products, Inc.
O. M. Scott & Sons Co.
Velsicol Chemical Corp.

BANEFIN

Elanco Products Co.
U.S.S. Agri-Chemicals Div.

BETASAN

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W. R. Grace & Co.

O. M. Scott & Sons Co.
Stauffer Chemical Co.
U.S.S. Agri-Chemicals Div.

CALCIUM PROPYL ARSENATE

Boyle-Midway Div.
Green Lawn Laboratories, Inc.
Vineland Chemical Co.

CASORON

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Great Lakes Chemical Div.
Thompson-Hayward Chemical Co.

CHLORDANE

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Boyle-Midway Div.
Chipman Div., Rhodia, Inc.
Ross Daniels, Inc.
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C. B. Dolge Co.
Faesey & Besthoff, Inc.
W. R. Grace & Co.
Great Lakes Chemical Div.
Green Lawn Laboratories, Inc.
Hub States Chemical & Equip. Corp.
Michlin Chemical Corp.
Niagara Chem. Div., FMC Corp.
S. B. Penick & Co.
B. G. Pratt Co.
Southern Mill Creek Products Co., Inc.
Stauffer Chemical Co.
Thompson-Hayward Chemical Co.
U.S.S. Agri-Chemicals Div.
Velsicol Chemical Corp.

CIPC

Pittsburgh Plate Glass Co.
Thompson-Hayward Chemical Co.

DACTHAL

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Armour Agricultural Chemical Co.
Diamond Shamrock Chemical Co.
The J. J. Dill Co.
Fence Painter Corp.
W. R. Grace & Co.
Great Lakes Chemical Div.
Lawnhouse Products, Inc.
Southern Mill Creek Products Co., Inc.
Thompson-Hayward Chemical Co.
U.S.S. Agri-Chemicals Div.

DIPHENAMID

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W. R. Grace & Co.
TUCO Products Co.

DNBP

Aceto Chemical Co. Inc.
The Dow Chemical Co.
W. R. Grace & Co.
Niagara Chemical Div., FMC corp.

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Uniroyal Chemical, Div. of Uniroyal, Inc.

DYMID

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W. R. Grace & Co.
Pennwalt Chemicals Corp.

EPTAM

Boyle-Midway Div.
The J. J. Dill Co.
Faesey & Besthoff, Inc.
W. R. Grace & Co.
Southern Mill Creek Products Co., Inc.
Stauffer Chemical Co.
Thompson-Hayward Chemical Co.
U.S.S. Agri-Chemicals Div.

HERBAN

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Hercules Incorporated

Summers Fertilizers, Inc.
Thompson-Hayward Chemical Co.

HERBISAN

Roberts Chemicals, Inc.

IPC

Aceto Chemical Co. Inc.
Pittsburgh Plate Glass Co.

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Allied Chemical Corp.
Chevron Chemical Co., Ortho Div.
Chipman Div., Rhodia, Inc.
The J. J. Dill Co.
Green Lawn Laboratories, Inc.
Niagara Chemical Div., FMC Corp.
Southern Mill Creek Products Co., Inc.
Summers Fertilizers, Inc.

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Dow Chemical Co.

PLANAVIN

Shell Chemical Co.

PRE-SAN

Mallinckrodt Chemical Works

PYRAMIN 80-W

Amchem Products, Inc.

SESONE

Amchem Products, Inc.

SIMAZINE

(See Soil Sterilants)

SOLAN

Niagara Chemical Div., FMC Corp.

TILLAM

W. R. Grace & Co.
Stauffer Chemical Co.

TRICALCIUM ARSENATE

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The J. J. Dill Co.
Niagara Chemical Div., FMC Corp.
Pennwalt Chemicals Corp.
The Sherwin-Williams Co.

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W. R. Grace & Co.
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Weyerhaeuser Co.

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The J. J. Dill Co.
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Summers Fertilizers, Inc.
U.S.S. Agri-Chemicals Div.

POSTEMERGENCE

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The J. J. Dill Co.
W. R. Grace & Co.
Great Lakes Chemical Div.
Nalco Chemical Co.
Southern Mill Creek Products Co., Inc.

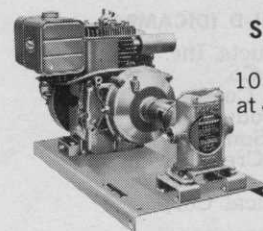
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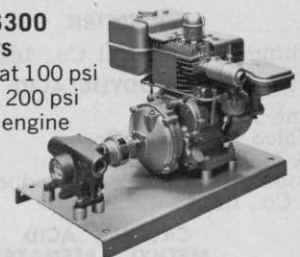
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Nalco Chemical Co.
Southern Mill Creek Products
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ANSAR 529

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Chipman Div., Rhodia, Inc.
Niagara Chemical Div., FMC Corp.
Pennwalt Chemical Corp.
The Sherwin-Williams Co.

ATRAZINE

(See Soil Sterilants)

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Amchem Products, Inc.
The J. J. Dill Co.
Dow Chemical Co.
Lawnhouse Products, Inc.
O. M. Scott & Sons Co.
Southern Mill Creek Products
Co., Inc.
Velsicol Chemical Corp.

BETASAN

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W. R. Grace & Co.
Southern Mill Creek Products
Co., Inc.
Stauffer Chemical Co.

BORATE COMPOUNDS

(See Soil Sterilants)

BROMACIL

(See Soil Sterilants)

BRONATE

Chipman Chemical Co., Inc.

BUCTRIL

Chipman Chemical Co., Inc.

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Nalco Chemical Co.
O. M. Scott & Sons Co.
Southern Mill Creek Products
Co., Inc.

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Nalco Chemical Co.
Vineland Chemical Co.

CALCIUM PROPYL ARSENATE

(See Preemergence Herbicides)

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The J. J. Dill Co.

DACAMINE

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The J. J. Dill Co.
W. R. Grace & Co.
Great Lakes Chemical Div.

Diamond Shamrock Chemical Co.

DACONATE

The Diamond Shamrock Co.

DALAPON

(See Soil Sterilants)

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W. R. Grace & Co.
Niagara Chemical Div., FMC Corp.

DIURON

(See Soil Sterilants)

DMA (DSMA)

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Chevron Chemical Co., Ortho Div.
W. A. Cleary Corp.
The Diamond Shamrock Chemical
Co.
The J. J. Dill Co.
Lawnhouse Products, Inc.
Nalco Chemical Co.
U.S.S. Agri-Chemicals Div.
Vineland Chemical Co.

DOWPON

The Dow Chemical Co.

ENDOTHAL

(See Preemergence Herbicides)

EPTAM

(See Preemergence Herbicides)

FENAC

(See Soil Sterilants)

FENURON

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

HCA

(See Soil Sterilants)

HYVAR X BROMACIL

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Hub States Chemical & Equip. Corp.
Southern Mill Creek Products
Co., Inc.

LINURON

(See Preemergence Herbicides)

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Amchem Products, Inc.
Chipman Div., Rhodia Inc.
The Dow Chemical Co.
W. R. Grace & Co.
Great Lakes Chemical Div.
Nalco Chemical Co.

MCPP

Aceto Chemical Co., Inc.
Amchem Products Inc.
Chipman Div., Rhodia Inc.
W. A. Cleary Corp.
The J. J. Dill Co.
Great Lakes Chemical Div.
Green Lawn Laboratories, Inc.
Nor-Am Agric. Products Co.
Shepard Chemical Industries, Inc.
U.S.S. Agri-Chemicals Div.
Vineland Chemical Co.

MILOGARD (PROPAZINE)

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Geigy Agricultural Chemicals

MONURON

(See Soil Sterilants)

MSMA

Allied Chemical Corp.
The Ansul Co.
W. A. Cleary Corp.

Diamond Shamrock Chemical Co.
Great Lakes Chemical Div.
Nalco Chemical Co.
Southern Mill Creek Products
Co., Inc.
Vineland Chemical Co.

PARAQUAT

Chevron Chemical Co., Ortho Div.

PENTACHLOROPHENOL

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The Dow Chemical Co.
W. R. Grace & Co.
Hub States Chemical & Equip. Corp.
Nalco Chemical Co.
Reichhold Chemicals, Inc.
Southern Mill Creek Products
Co., Inc.
Thompson-Hayward Chemical Co.
Vulcan Materials Co.

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The J. J. Dill Co.
Green Lawn Laboratories, Inc.
Mallinckrodt Chemical Works
Southern Mill Creek Products
Co., Inc.
U.S.S. Agri-Chemicals Div.
Vineland Chemical Co.

PRAMITOL

(See Soil Sterilants)

PROPAZINE

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W. R. Grace & Co.

PYRAMIN 80-W

(See Preemergence Herbicides)

SILVEX

Amchem Products Inc.
Boyle-Midway Div.
Chipman Div., Rhodia, Inc.
Diamond Shamrock Chemicals Co.
The J. J. Dill Co.
The Dow Chemical Co.
Green Lawn Laboratories, Inc.
Hercules Incorporated
Nalco Chemical Co.
B. G. Pratt Co.
Southern Mill Creek Products
Co., Inc.

SODIUM ARSENITE

(See Soil Sterilants)

SODIUM CACODYLATE

The Ansul Co.
Nalco Chemical Co.

TCA

(See Soil Sterilants)

THISTROL

Amchem Products, Inc.

TILLAM

(See Preemergence Herbicides)

TORDON

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W. R. Grace & Co.

TRYSBEN (TBA)

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Nalco Chemical Co.

2,4-D

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Chevron Chemical Co., Ortho Div.
Chipman Div., Rhodia, Inc.
Diamond Shamrock Chemical Co.
The J. J. Dill Co.

C. B. Dolge Co.
 The Dow Chemical Co.
 Fence Painter Corp.
 W. R. Grace & Co.
 Great Lakes Chemical Div.
 Green Lawn Laboratories, Inc.
 Hercules Incorporated
 Hub States Chemical & Equip. Co.
 Lawnhouse Products, Inc.
 Monsanto Co.
 Nalco Chemical Co.
 Pennwalt Chemical Corp.
 B. G. Pratt Co.
 O. M. Scott & Sons Co.
 Southern Mill Creek Products
 Co., Inc.
 Stauffer Chemical Co.
 Stull Chemical Co.
 Summers Fertilizers, Inc.
 Thompson-Hayward Chemical Co.
 U.S.S. Agri-Chemicals Div.
 West Chemical Products Inc.

2,4,5-T

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 Central Solvents & Chemicals Co.
 Chevron Chemical Co., Ortho Div.
 Chipman Div., Rhodia Inc.
 Diamond Shamrock Chemical Co.
 The J. J. Dill Co.
 The Dow Chemical Co.
 W. R. Grace & Co.
 Great Lakes Chemical Div.
 Green Lawn Laboratories, Inc.
 Hercules Incorporated
 Hub States Chemical & Equip. Co.
 Monsanto Co.
 Nalco Chemical Co.
 B. G. Pratt Co.
 Southern Mill Creek Products
 Co., Inc.

Stauffer Chemical Co.
 Stull Chemical Co.
 Thompson-Hayward Chemical Co.
 U.S.S. Agri-Chemicals Div.

UROX

(See Soil Sterilants)

WEED FREE SW, 235

Chapman Chemical Co.

ALGAECIDES

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SWIMTRINE

Applied Biochemists, Inc.

AQUATIC HERBICIDES

AMITROLE

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 American Cyanamid Co.
 The J. J. Dill Co.
 Great Lakes Chemical Div.
 Southern Mill Creek Products
 Co., Inc.

AMITROLE-T

(See Preemergence Herbicides)

AMMONIUM SULFAMATE

(See Preemergence Herbicides)

AQUALIN

Shell Chemical Co.

AQUATHOL

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 W. R. Grace & Co.
 Hub States Chemical & Equip. Corp.
 Pennwalt Chemicals Corp.
 Southern Mill Creek Products
 Co., Inc.
 U.S.S. Agri-Chemicals Div.

AQUATHOL PLUS

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 W. R. Grace & Co.
 Pennwalt Chemicals Corp.
 U.S.S. Agri. Chemicals Div.

CALCIUM HYPOCHLORITE

Pennwalt Chemicals Corp.
 Pittsburgh Plate Glass Co.
 Robeco Chemicals, Inc.

CASORON

(See Preemergence Herbicides)

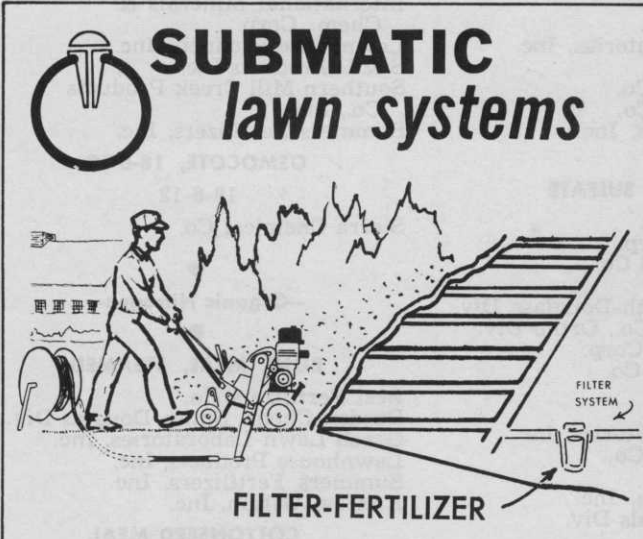
COPPER SULFATE

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 Niagara Chemical Div., FMC Corp.
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 Robeco Chemicals, Inc.
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Great Lakes Chemical Div.
Southern Mill Creek Products Co., Inc.

DALAPON

(See Soil Sterilants)

DICHLONE

Aceto Chemical Co. Inc.
Allied Chemical Corp.
The J. J. Dill Co.
Naugatuck Chemical Div.
Niagara Chemical Div., FMC Corp.

DIQUAT

Chevron Chemical Co., Ortho Div.
The J. J. Dill Co.
W. R. Grace & Co.
Great Lakes Chemical Div.
Green Lawn Laboratories, Inc.
Hub States Chemical & Equip. Corp.
Southern Mill Creek Products Co., Inc.

DIURON

The J. J. Dill Co.
Southern Mill Creek Products Co., Inc.

ERBON

The Dow Chemical Co.

FENAC

Amchem Products, Inc.

HYDROTHOL

The J. J. Dill Co.
Pennwalt Chemicals Corp.

MCPA

(See Postemergence Herbicides)

ORTHODICHLOROBENZENE

Pittsburgh Plate Glass Co.
Robeco Chemicals, Inc.

POTASSIUM ENDOTHAL

The J. J. Dill Co.
Pennwalt Chemicals Corp.

PHYGON XL

The J. J. Dill Co.

SILVEX

(See Postemergence Herbicides)

SODIUM ARSENITE

(See Soil Sterilants)

2,4-D

(See Postemergence Herbicides)

2,4,5-T

(See Postemergence Herbicides)

2-(2,4-DB)

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W. R. Grace & Co.
Hercules Incorporated
Monsanto Co.
Phillips Petroleum Co.
Pittsburgh Plate Glass Co.
Sohio Chemical Co.
Tennessee Corp.
U.S.S. Agri-Chemicals Div.
Vistron Corp.
Vulcan Materials Co.

AMMONIUM NITRATE

Agrico Chemical Co.
Allied Chemical Corp.
American Cyanamid Co.
Borden Chem., Smith-Douglass Div.
Chevron Chemical Co., Ortho Div.
Columbia Nitrogen Corp.
W. R. Grace & Co.
Green Lawn Laboratories, Inc.
Hercules Incorporated
International Minerals & Chem. Corp.
Phillips Petroleum Co.
Sohio Chemical Co.
Southern Mill Creek Products Co., Inc.
Summers Fertilizers, Inc.
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Vistron Corp.

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Best Fertilizers Co.
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Chevron Chemical Co., Ortho Div.
Fertilla Co.
W. R. Grace & Co.
Green Lawn Laboratories, Inc.
Monsanto Co.
Phillips Petroleum Co.
Stauffer Chemical Co.
Summers Fertilizers, Inc.
Tennessee Corp.

AMMONIUM SULFATE

Agrico Chemical Co.
Allied Chemical Corp.
American Cyanamid Co.
Best Fertilizers Co.
Borden Chem., Smith-Douglass Div.
Chevron Chemical Co., Ortho Div.
Columbia Nitrogen Corp.
The Dow Chemical Co.
Fertilla Co.
W. R. Grace & Co.
Green Lawn Laboratories, Inc.
Phillips Petroleum Co.
Rohm and Haas Co.
Summers Fertilizers, Inc.
U.S.S. Agri-Chemicals Div.
Vistron Corp.

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Best Fertilizers Co.
Chevron Chemical Co., Ortho Div.
Columbia Nitrogen Corp.
The Dow Chemical Co.
W. R. Grace & Co.
Green Lawn Laboratories, Inc.
Hercules Incorporated
Pennwalt Chemicals Corp.
Sohio Chemical Co.
Vistron Corp.

CALCIUM NITRATE

Best Fertilizers Co.
Columbia Nitrogen Corp.

Green Lawn Laboratories, Inc.
Southern Mill Creek Products Co., Inc.
U.S.S. Agri-Chemicals Div.

SODIUM NITRATE

Southern Mill Creek Products Co., Inc.
Summers Fertilizers, Inc.
U.S.S. Agri-Chemicals Div.

UREA

Agrico Chemical Co.
Allied Chemical Corp.
American Cyanamid Co.
Best Fertilizers Co.
Borden Chem., Smith-Douglass Div.
Chevron Chemical Co., Ortho Div.
Columbia Nitrogen Corp.
E. I. duPont de Nemours & Co., Inc.
Fertilla Co.
W. R. Grace & Co.
Green Lawn Laboratories, Inc.
Hercules Incorporated
International Minerals & Chem. Corp.
Phillips Petroleum Co.
Sohio Chemical Co.
Southern Mill Creek Products Co., Inc.
Summers Fertilizers, Inc.
U.S.S. Agri-Chemicals Div.
Vistron Corp.

●
—Slow Release—
●

UREA-FORMALDEHYDE

Agrico Chemical Co.
Best Fertilizers Co.
Borden Chem., Smith-Douglass Div.
E. I. duPont de Nemours & Co., Inc.
Green Lawn Laboratories, Inc.
Hercules Incorporated
International Minerals & Chem. Corp.
Lawnhouse Products, Inc.
S & D Products Inc.
Southern Mill Creek Products Co., Inc.
Summers Fertilizers, Inc.

OSMOCOTE, 18-6-12

18-6-12

Sierra Chemical Co.

●
—Organic Nitrogen—
●

BONE MEAL, STEAMED

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

COTTONSEED MEAL

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

MANURE, CATTLE

Fertilla Co.

MILORGANITE

Sewerage Commission of Milwaukee

NITRO-GANO

Wilbur-Ellis Co.

PROCESSED SLUDGE

Agrico Chemical Co.
Lawnhouse Products, Inc.
Southern Mill Creek Products Co., Inc.

Summers Fertilizers, Inc.
U.S.S. Agri-Chemicals Div.

POTASH SOURCES

POTASSIUM CARBONATE

Hooker Chemical Corp.

POTASSIUM CHLORIDE

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

POTASSIUM NITRATE

Agrico Chemical Co.
Borden Chem., Smith-Douglass Div.
Green Lawn Laboratories, Inc.
Southern Mill Creek Products Co., Inc.
Southwest Potash Div.
Summers Fertilizers, Inc.

POTASSIUM SULFATE

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

MIXED N-P-K TYPES

MAG AMP

W. R. Grace & Co.

SOLID

Agrico Chemical Co.
Agriform International Chemicals Inc.
Best Fertilizers Co.
Borden Chem., Smith-Douglass Div.
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.
Southern Mill Creek Products Co., Inc.
Summers Fertilizers, Inc.
Wilbur-Ellis Co.

LIQUID

Agrico Chemical Co.
Best Fertilizers Co.
Chevron Chemical Co. Ortho Div.
Cloro-Spray Corp.
Columbia Nitrogen Corp.
Green Lawn Laboratories, Inc.
Growers Chemical Corp.
Hydroponic Chemical Co., Inc.
Kem Mfg. Co.
Phillips Petroleum Co.
Southern Mill Creek Products Co., Inc.
Wilbur-Ellis Co.

PLASTIC COATED

Borden Chem., Smith-Douglass Div.

PHOSPHATE SOURCES

CONCENTRATED

Agrico Chemical Co.
American Cyanamid Co.
Best Fertilizer Co.
Borden Chem., Smith-Douglass Div.
Chevron Chemical Co., Ortho Div.
Green Lawn Laboratories, Inc.
International Minerals & Chem. Corp.
Phillips Petroleum Co.
Southern Mill Creek Products Co., Inc.
Stauffer Chemical Co.
Tennessee Corp.

ROCK PHOSPHATES

Agrico Chemical Co.
American Cyanamid Co.
Borden Chem., Smith-Douglass Div.
Chevron Chemical Co., Ortho Div.
W. R. Grace & Co.
International Minerals & Chem. Corp.
Stauffer Chemical Co.
Tennessee Corp.

-Ammonium Phosphates-

AMMONIUM PHOSPHATE-NITRATE

Borden Chem., Smith-Douglass Div.
Chevron Chemical Co., Ortho Div.
Columbia Nitrogen Corp.
Green Lawn Laboratories, Inc.
Southern Mill Creek Products Co., Inc.

AMMONIUM PHOSPHATE-SULFATE

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

AMMONIUM PHOSPHATE-UREA

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

DIAMMONIUM PHOSPHATE

Agrico Chemical Co.
Allied Chemical Corp.
American Cyanamid Co.
Best Fertilizers Co.
Borden Chem., Smith-Douglass Div.
Chevron Chemical Co., Ortho Div.
Columbia Nitrogen Corp.
W. R. Grace & Co.
Green Lawn Laboratories, Inc.
Hooker Chemical Co.
International Minerals & Chem. Co.
Monsanto Co.
Phillips Petroleum Co.
Southern Mill Creek Products Co., Inc.
Stauffer Chemical Co.
Summers Fertilizers, Inc.
Tennessee Corp.

MONOAMMONIUM PHOSPHATE

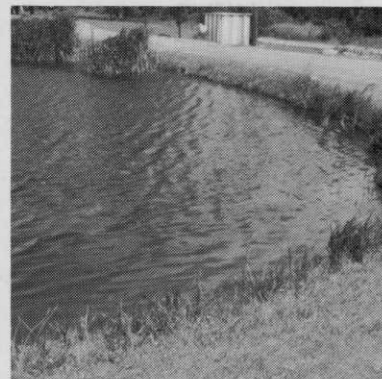
Borden Chem., Smith-Douglass Div.
Chevron Chemical Co., Ortho Div.
W. R. Grace & Co.
Green Lawn Laboratories, Inc.
Stauffer Chemical Co.
Summers Fertilizers, Inc.
Tennessee Corp.

PHOSPHORIC ACID

Agrico Chemical Co.
Allied Chemical Corp.



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To Treat Water**



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State Zip

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Telephone WTT-12-70

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

pH CONTROLLERS

ALUMINUM SULFATE

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

AMMONIUM POLYSULFIDE

Allied Chemical Corp.

AMTHIO

Allied Chemical Corp.

CALCITE, BURNED

Engelhard Minerals & Chemicals Co.

CALCITE, HYDRATED

Engelhard Minerals & Chemicals Co.

CALCIUM CARBONATE

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

DOLOMITE

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

GYPSUM (CALCIUM SULFATE)

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

LIME, CONCENTRATE

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

LIMESTONE

Engelhard Minerals & Chemicals Co.
Summers Fertilizers, Inc.
U.S.S. Agri-Chemicals Div.

LIQUID FISH

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

SULFUR

Best Fertilizers Co.
Borden Chem., Smith-Douglass Div.
Chevron Chemical Co., Ortho Div.
Southern Mill Creek Products
Co., Inc.
Wilbur-Ellis Co.

SOIL CONDITIONERS

BARK

Best Fertilizers Co.
Weyerhaeuser Co.

CALCINED CLAY

Eagle-Picher Industries, Inc.
Engelhard Minerals & Chemicals Co.
Floridin Co.
Oil-Dri Corp. of America
Southern Mill Creek Products
Co., Inc.
Waverly Petroleum Products Co.

Wyandotte Chemicals Corp.

CANE

Fertilla Co.

CELATOM

Eagle-Picher Industries, Inc.

CORN COBS

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

DIATOMITE

Eagle-Picher Industries, Inc.
JohnsManville Corp.

LOAMITE

Loamite Corp.

PEAT-HUMUS

Premier Peat Moss Corp.
Western Peat Co.

PEAT MOSS

Best Fertilizers Co.
Premier Peat Moss Corp.

PERLITE

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

VERMICULITE

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

WOOD CHIPS

J. T. Dimmick Forest Co.
Fitchburg Engineering Corp.

MULCHES

CALCINED ABSORBENT CLAY

(See Soil Conditioners)

EROSION CONTROL MULCHES

American Excelsior Corp.
Conwed Corporation
J. T. Dimmick Forest Co.
Engelhard Minerals & Chemicals Co.
The Larutan Corp.
Reinco, Inc.
Weyerhaeuser Co.

LANDSCAPE MULCHES

American Excelsior Corp.
Best Fertilizers Co.
Conwed Corporation
J. T. Dimmick Forest Co.
Fitchburg Engineering Corp.
Premier Peat Moss Corp.
Weyerhaeuser Co.

SEEDING MULCHES

American Excelsior Corp.
Conwed Corporation
International Paper Co.
Troy Blanket Mills

PERLITE

(See Soil Conditioners)

VERMICULITE

(See Soil Conditioners)

MISCELLANEOUS COMPOUNDS

ANTICAKING CONDITIONERS

Armour Industrial Chemicals Co.
Eagle-Picher Industries, Inc.
Engelhard Minerals & Chemicals Co.
The Larutan Corp.
Pittsburgh Plate Glass Co.
Waverly Petroleum Products Co.

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

ANTIDESICCANT SPRAYS

Aquatrols Corp. of America
W. A. Cleary Corp.
The J. J. Dill Co.
Nursery Specialty Products, Inc.
Andrew Wilson, Inc.

CHEMICAL TRIMMER

Chapman Chemical Co.

CHRISTMAS TREE PAINT DEFOLIANT (Non-Injurious)

C & R Products Development, Inc.
Niagara Chemical Div., FMC Corp.

REPELLENTS

Sudbury Laboratory, Inc.

SEED, GRASS, COVERS & PLANT MATERIALS

Asgrow Seed Co.
Chanderlin Seed Co.
Cole Nursery Co.
Elanco Co.
Ferry Morse Seed Co.
Green Lawn Laboratories, Inc.
Jacklin Seed Co.
Maple Leaf Mills, Ltd.
McGovern Sod Farms
Merion Bluegrass Assoc.
Mock Seed Co.
Nunes Turfgrass Nurseries
Northrup, King & Co.
Oregon Chewings Fescue &
Creeping Red Fescue Comm.
Oregon Highland Bentgrass Comm.
Oregon Fine Leaf Fescue
Commission
Oregon Orchardgrass Seed
Producers Comm.
O. M. Scott & Sons Co.
South Dakota Kentucky
Bluegrass Assn.
Stanford Seed Co.
Vaughan's Seed Co.
Whitney Seed Co.

STUMP REMOVAL COMPOUNDS

Bartlett Manufacturing Co.

TREE WOUND PAINT

Asplundh Tree Expert Co.
John Bacon Corp.
Bartlett Manufacturing Co.
Borden Chem., Smith-Douglass Div.
Boyle-Midway Div.
Hydroponic Chemical Co., Inc.
Samuel Cabot, Inc.
B. G. Pratt Co.
Seymour Smith & Son, Inc.
Andrew Wilson, Inc.

TREE KILLERS

The Ansul Co. (Silvisar 510, 550)
Chipman Div., Rhodia Inc.
The J. J. Dill Co.
The Dow Chemical Co.
Fence Painter Corp.
Green Lawn Laboratories, Inc.

TURF COLORING COMPOUNDS

W. A. Cleary Corp.
The J. J. Dill Co.
Green Lawn Laboratories, Inc.
The Gregg Co.
O. F. Linck Div., Walco-Linck Corp.
Mallinckrodt Chemical Works
Verde Lawn, Inc.

WETTING AGENTS

W. A. Cleary Corp.

CARRIERS

CELATOM

Eagle-Picher Industries, Inc.

DUSTS, NATURAL

Eagle-Picher Industries, Inc.
Engelhard Minerals & Chemicals Co.
Floridin Co.
Green Lawn Laboratories, Inc.
Pittsburgh Plate Glass Co.

GRANULES, NATURAL

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

LIQUID (SOLVENTS)

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

VERMICULITE

(See Soil Conditioners)

DILUENTS

CALCIUM CARBONATE

Engelhard Minerals & Chemicals Co.

DIATOMACEOUS EARTH

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

FULLERS EARTH

Engelhard Minerals & Chemicals Co.

Floridin Co.
Waverly Petroleum Products Co.

GRANULES, GENERAL

Engelhard Minerals & Chemicals Co.
Floridin Co.
Green Lawn Laboratories, Inc.

KAOLINS (CLAY)

Engelhard Minerals & Chemicals Co.

TALC

Amercian Talc Co.
Bonide Chemical Co., Inc.
Engelhard Minerals & Chemicals Co.

VERMICULITE

(See Soil Conditioners)

TRACE ELEMENTS

BORAX

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

BORO-SPRAY

American Potash & Chemical Corp.

COPPER CHELATE

Borden Chem., Smith-Douglass Div.
The J. J. Dill Co.
Geigy Agricultural Chemicals
Green Lawn Laboratories, Inc.
Lawnhouse Products, Inc.
Niagara Chemical Div., FMC Corp.

COPPER SULFATE

Borden Chem., Smith-Douglass Div.

IRON CHELATE

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

IRON, MICRONIZED

The J. J. Dill Co.
Green Lawn Laboratories, Inc.

IRON SULFATE

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

MAGNESIUM CARBONATE

Borden Chem., Smith-Douglass Div.
Lawnhouse Products, Inc.

MAGNESIUM-SULFATE

The J. J. Dill Co.
Lawnhouse Products, Inc.

MANGANESE CHELATE

Borden Chem., Smith-Douglass Div.
The J. J. Dill Co.

anti des icc ant

number one

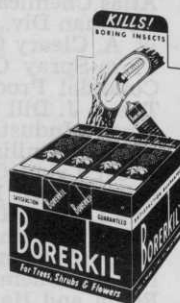
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Mt. Vernon, New York 10550

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Geigy Agricultural Chemicals
The J. J. Dill Co.
Green Lawn Laboratories, Inc.
Phelps Dodge Refining Corp.

Robeco Chemicals, Inc.
Tennessee Corp.
Vineland Laboratories, Inc.

**GRANULAR ORGANIC
IRON COMPLEX**

Eagle-Picher Industries, Inc.
Great Lakes Chemical Div.
Green Lawn Laboratories, Inc.

MANGANESE SULFATE

The J. J. Dill Co.
Eagle-Picher Industries, Inc.
Eastman Chemical Products, Inc.
Green Lawn Laboratories, Inc.
Lawnhouse Products, Inc.
Tennessee Corp.

MANGANOUS OXIDE

Green Lawn Laboratories, Inc.
Tennessee Corp.

MOLYBDENUM

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

MULTI-KEMIN

Niagara Chemical Div., FMC Corp.

SOLUBOR

U.S. Borax & Chemical Corp.

ZINC CHELATE

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

ZINC SULFATE

Allied Chemical Corp.
The J. J. Dill Co.
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

AD-KIL

R. H. Bogle Co.

DETERGENTS, GENERAL

Armour Industrial Chemical Co.
Atlas Chemical Industries, Inc.
Cloro-Spray Corp.
C. B. Dolge Co.
Emery Industries, Inc.
General Aniline & Film Corp.
Retzloff Chemical Co.
Rohm and Haas Co.
Stepan Chemical Co.
Thompson-Hayward Chemical Co.

EMULSIFIERS

Armour Industrial Chemical Co.
Atlas Chemical Industries, Inc.
Cloro-Spray Corp.
The J. J. Dill Co.
Emery Industries, Inc.
General Aniline & Film Corp.
Great Lakes Chemical Div.
Retzloff Chemical Co.

Rohm and Haas Co.
Stepan Chemical Co.
Stull Chemical Co.
Thompson-Hayward Chemical Co.

**INVERT EMULSION
ADJUVANTS**

K-D Manufacturing Co.
Stull Chemical Co.

PLYAC

Allied Chemical Corp.

SPREADER-STICKERS

Allied Chemical Corp.
Aquatrols Corp. of America
Atlas Chemical Industries, Inc.
Chipman Div., Rhodia Inc.
W. A. Cleary Corp.
Colloidal Products Corp.
The J. J. Dill Co.
E. I. duPont de Nemours & Co., Inc.
Emery Industries, Inc.
General Aniline & Film Corp.
Great Lakes Chemical Div.
Green Lawn Laboratories, Inc.
Niagara Chemical Div., FMC Corp.
B. G. Pratt Co.
Retzloff Chemical Co.
Rohm and Haas Co.
Southern Mill Creek Products
Co., Inc.
Stepan Chemical Co.
Stull Chemical Co.
Thompson-Hayward Chemical Co.
Tauron Industries, Inc.
Wilbur-Ellis Co.
Andrew Wilson, Inc.

STABILIZERS

Armour Industrial Chemical Co.
Atlas Chemical Industries, Inc.
Colloidal Products Corp.
Emery Industries, Inc.
General Aniline & Film Corp.
Rohm and Haas Co.

WETTING AGENTS

American Cyanamid Co.
Aquatrols Corp. of America
Armour Industrial Chemical Co.
Atlas Chemical Industries, Inc.
Chipman Div., Rhodia Inc.
W. A. Cleary Corp.
Cloro-Spray Corp.
Colloidal Products Corp.
The J. J. Dill Co.
Emery Industries, Inc.
General Aniline & Film Corp.
Great Lakes Chemical Div.
Green Lawn Laboratories, Inc.
The Larutan Corp.
Niagara Chemical Div., FMC Corp.
Retzloff Chemical Co.
Roberts Chemicals, Inc.
Rohm and Haas Co.
Southern Mill Creek Products
Co., Inc.
Stepan Chemical Co.
Thompson-Hayward Chemical Co.
Thuron Industries, Inc.
Vineland Chemical Co.
"Water In," Inc.
Weyerhaeuser Co.

**SPRAY THICKENING
AGENTS**

ATTAGELS

Englehard Minerals & Chemicals Co.

DACAGIN

Diamond Shamrock Chemical Co.
Great Lakes Chemical Div.

**INVERT EMULSION
ADJUVANTS**

(See Emulsifiers)

NORBAK

The Dow Chemical Co.

VISTIK

Hercules Incorporated

GROWTH REGULATORS

TRE-HOLD

Amchem Products, Inc.

GROWTH RETARDANTS

B-NINE

Uniroyal Chemical, Div. of Uniroyal,
Inc.

CYCOCEL

American Cyanamid Co.

GIBREL

Metasol Products, Merck & Co.

MALEIC HYDRAZIDE

Aceto Chemical Co. Inc.
The Ansul Co.
W. R. Grace & Co.
Naugatuck Chemical Div.
Uniroyal Chemical, Div. of Uniroyal,
Inc.

PHOSFON

Mobil Chemical Co.

RETARD

The Ansul Co.

STREPTOMYCIN

Metasol Products, Merck & Co.

**SOIL FUMIGANTS
& NEMATICIDES**

BEDRENCH

Niagara Chemical Div., FMC Corp.

BROMIDE

Great Lakes Chemical Div.
Dow Chemical Co.

BROMODINE

C & R Products Development, Inc.

BROM-O-GAS

Great Lakes Chemical Div.

BROZONE

Dow Chemical Co.

CHLOROPICRIN

The J. J. Dill Co.
The Dow Chemical Co.
Great Lakes Chemical Div.
Michigan Chemical Co.
Southern Mill Creek Products
Co., Inc.

DASANIT

Chemagro Corp.
Southern Mill Creek Products
Co., Inc.

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.

DOWFUME

The J. J. Dill Co.
The Dow Chemical Co.
Southern Mill Creek Products
Co., Inc.
U.S.S. Agri-Chemicals Div.

ETHYLENE DIBROMIDE

The J. J. Dill Co.
The Dow Chemical Co.
Ferguson Fumigants, Inc.
Great Lakes Chemical Div.
Hub States Chemical & Equip. Corp.
Michigan Chemical Co.
Niagara Chemical Div., FMC Corp.
Southern Mill Creek Products
Co., Inc.
Velsicol Chem. Corp.

FUMAZONE (NEMAGON)

The J. J. Dill Co.
The Dow Chemical Co.
Southern Mill Creek Products
Co., Inc.

METHYL BROMIDE

The J. J. Dill Co.
The Dow Chemical Co.
Ferguson Fumigants, Inc.
W. R. Grace & Co.
Great Lakes Chemical Div.
Hub States Chemical & Equip. Corp.
Michigan Chemical Co.
Niagara Chemical Div., FMC Corp.
Southern Mill Creek Products
Co., Inc.
U.S.S. Agri-Chemicals Div.
Velsicol Chemical Corp.
Vulcan Materials Co.

MYLONE

Union Carbide Corp.

NEMAGON

Shell Chemical Co., Ag Chem. Div.
U.S.S. Agri-Chemicals Div.

SOILBROM-85

Great Lakes Chemical Div.

SAROLEX

Armour Agricultural Chemical Co.
Geigy Agricultural Chemicals
Southern Mill Creek Products
Co., Inc.
U.S.S. Agri-Chemicals Div.

TELONE

The Dow Chemical Co.

TERR-O-GAS

Great Lakes Chemical Div.

VAPAM (VPM)

The J. J. Dill Co.
E. I. duPont de Nemours & Co., Inc.
W. R. Grace & Co.
Stauffer Chemical Co.
U.S.S. Agri-Chemicals Div.

VIDDEN D

Dow Chemical Co.

VORLEX

W. R. Grace & Co.
Great Lakes Chemical Div.
Nor-Am Agric. Products, Inc.

VPM

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

MITICIDES**ACARABEN**

Geigy Agricultural Chemicals

ARAMITE

Aceto Chemical Co., Inc.
The J. J. Dill Co.
Naugatuck Chemical Div.
Niagara Chemical Div., FMC Corp.

BIDRIN

W. R. Grace & Co.
B. G. Pratt Co.
Shell Chemical Co.,
Ag. Chem. Div.

BINAPACRYL

Niagara Chemical Div., FMC Corp.

CHLOROBENZILATE

Aceto Chemical Co., Inc.
The J. J. Dill Co.
Hub States Chemical & Equip. Corp.

CYGON

Aceto Chemical Co., Inc.
The J. J. Dill Co.
W. R. Grace & Co.
Hub States Chemical & Equip. Corp.
B. G. Pratt Co.
Southern Mill Creek Products
Co., Inc.
Thompson-Hayward Chemical Co.

DELNAV

Great Lakes Chemical Div.
Hercules Incorporated
Thompson-Hayward Chemical Co.

DIBROM

Chevron Chemical Co., Ortho Div.
Chipman Chemical Co.
The J. J. Dill Co.
W. R. Grace & Co.
Great Lakes Chemical Div.
Hub States Chemical & Equip. Corp.
Southern Mill Creek Products
Co., Inc.
Stauffer Chemical Co.

DIMITE

The Sherwin-Williams Co.

ETHION

The J. J. Dill Co.
Niagara Chemical Div., FMC Corp.
B. G. Pratt Co.
U.S.S. Agri-Chemicals Div.

GENITE

Allied Chemical Corp.
W. R. Grace & Co.

KARATHANE

(See Fungicides)

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MORESTAN

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...**HERBAN**® pre-emergence herbicide and keep the soil free of competing weeds and grasses. Herban may be applied to nursery stock and landscaped areas any time of the year before weed seeds start to germinate. Two applications annually will keep out susceptible weeds; yet Herban does not carry over from year to year.

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Michlin Chemical Corp.

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ASPON

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(See Miticides)

CHLORDANE

(See Preemergence Herbicides)

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DDT

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(See Miticides)

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(See Miticides)

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DNOC

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DRINOX

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DURSBAN

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KORLAN

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LEAD ARSENATE*(See Preemergence Herbicides)***LETHANE**

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(See Miticides)

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TRITHION

(See Miticides)

V-C 13

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CALO-GRAN

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(See Aquatic Herbicides)

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Tennessee Corp.

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Miller Chemical & Fertilizer Corp.

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(See Aquatic Herbicides)

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KROMAD

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B. G. Pratt Co.
Rohm and Haas Co.
Southern Mill Creek Products Co., Inc.

MEMMI

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Southern Mill Creek Products Co., Inc.
Velsicol Chemical Corp.

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Velsicol Chemical Co.

MOROCIDE

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Nor-Am Agri. Products, Inc.

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Great Lakes Chemical Div.
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PENTACHLORONITROBENZENE

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Olin Mathieson Chemical Corp.
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Velsicol Chemical Corp.

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PHENYLMERCURIC ACETATE

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Mallinckrodt Chemical Works
Metasol Products, Merck & Co.
O. M. Scott & Sons Co.
Velsicol Chemical Corp.
Vineland Chemical Co.

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Elanco Products Co.

PIPRON

Elanco Products Co.

POLYRAM

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The Sherwin-Williams Co.
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Stauffer Chemical Co.

TERSAN OM

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THIMER

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THIRAM

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Metasol Products, Merck & Co.
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THIRAMAD-PLUS

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ULTRA-CLOR

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ZINEB

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2-AMINOBTUTANE

Elanco Products Co.

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International Harvester Co.
Jacobsen Mfg. Co.
F. D. Kees Mfg. Co.
Lakes Supply Co., Inc.
Lindig Mfg. Corp.
Parker Sweeper Co.
Rogers Mfg. Co., Inc.
Royer Foundry & Machine Co.
Ryan Equipment Co.
Silver Creek Precision Corp.
Simplicity Mfg. Co., Inc.
Sweepster, Inc.
Viking Mfg. Co.
West Point Products Corp.
Wheel-Horse Products, Inc.

AERIAL BUCKET LIFTS

Arlo Industries, Inc.
Asplundh Chipper Co.
Baker Equipment Engineering Co.
Deere & Co.
Halline Utility Equipment Co.
Hughes-Keenan Skyworker Div.
Transairco
Hunt-Pierce Corp.
Lockwood Corp.
McCabe-Powers Body Co.
Mobile Aerial Towers, Inc.
Pitman Mfg. Co.
Skyworker Div., Transair Co., Inc.
VersaLift Sales Co.

AERIAL BUCKET SAFETY BELTS

Bartlett Mfg. Co.
W. M. Bashlin Co.
Mine Safety Appliances Co.
Safety Test & Equipment Co., Inc.

AERIAL APPLICATORS

Simplex Mfg. Co.

AIR BLAST APPLICATOR

Allied Biological Control Corp.
Aquanautics, Inc.
John Bean Div., FMC Corp.
Buffalo Turbine Ag. Equip. Co.
Friend Manufacturing Corp.
F. E. Myers & Bro. Co.
Rear's Mfg. Co.
Root-Lowell Corp.
Silver Creek Precision Corp.
Solo Industries

AIRCRAFT, FIXED WING

Aero Commander Div.,
North American Rockwell
Cessna Aircraft Co.
Grumman Aircraft Corp.
Imco, Inc.
Piper Aircraft Corp.
Snow Aeronautical Corp.

AIRCRAFT, HELICOPTER

Bell Helicopter Co.
Gyrodyne Co. of America
Hiller Aircraft Corp.
Republic Aviation Corp.
Sikorsky Aviation Div.

ALGAEICIDE APPLICATORS

Applied Biochemists, Inc.

ALTERNATORS

New World Products Co., Inc.

AQUATIC WEED HARVESTER

Aquamarine Corp.
Aquanautics, Inc.
Aquatic Controls Corp.
Clark Equipment Co.
Jari Corp.
MudCat

AQUATIC SPRAY BOATS

Allied Biological Control Corp.
Aquanautics, Inc.

AUGERS, EARTH

Allis-Chalmers Mfg. Co.
Baker Equipment Engineering Co.
Bartlett Mfg. Co.
Contree Sales, Inc.
Fairmont Hydraulics
Halline Utility Equipment Co.
Heckendorn Mfg. Co., Inc.
Hoffco, Inc.
International Harvester Co.
Johnson's Industrial Supply Co.
McCabe-Powers Body Co.
McCulloch Corp.
Melroe Mfg. Co.
New World Products Co., Inc.
Olmsteel Products, Inc.
Pitman Mfg. Co.
Rear's Mfg. Co.
Servis Equip. Co.
Special Products Co.
Stihl American, Inc.
Thor Power Tool Co.

BARRELS, PLASTIC-LINED

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Farmrite Sprayer, Inc.
Hanson Equipment Co.
Larson Machine, Inc.

BARRELS, STEEL

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Larson Machine, Inc.

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Lely Corp.
Royer Foundry & Machine Co.

BLADES, DOZER SCRAPER

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BMB Company, Inc.
Boleus Div., FMC Corp.
Brillion Iron Works, Inc.
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Deere & Co.
Engineering Products Co.
Gravelly Corp.
International Harvester Co.
Jacobsen Mfg. Co.
Kromer Co.
Massey-Ferguson, Inc.
Melroe Mfg. Co.
MinnTurf Equipment Designs Corp.
Olmsteel Products, Inc.
Servis Equip. Co.
Side-Winder Plant, FMC Corp.
Simplicity Mfg. Co., Inc.
Slope Tractor, Inc.
Special Products Co.
Walden, Inc.
Wheel-Horse Products, Inc.

BOATS, AIR

Allied Biological Control Center
Aquanautics, Inc.

BRUSHCUTTER, POWER

Asplundh Tree Expert Co.
John Bacon Corp.
BMB Co., Inc.
Brillion Iron Works, Inc.
E. L. Caldwell & Sons, Inc.
Deere & Co.
International Harvester Co.
Hoffco, Inc.
Homelite Div., Textron, Inc.
Kromer Co.

Locke Manufacturing Cos., Inc.
McCulloch Corp.
Pitman Mfg. Co.
Rowco Mfg. Co., Inc.
Side-Winder Plant, FMC Corp.
Stihl American, Inc.
The Vandermolen Co.

BRUSH HOOKS

Asplundh Tree Expert Co.
Bartlett Mfg. Co.
Harder Arborist Supply Co.
Pitman Mfg. Co.

CABLE SUPPLIES

Bartlett Mfg. Co.
H. K. Porter, Inc.
Practical Products Corp.

CHEMICAL APPLICATOR, DRIP

Lakes Supply Co., Inc.

CHEMICAL APPLICATORS, GRANULAR

Asplundh Tree Expert Co.
John Bean Div., FMC Corp.
John Blue Co.
Borden Chem., Smith-Douglass Div.
Buffalo Turbine Ag. Equip. Co.
Contree Sales, Inc.
Dempster Industries, Inc.
The J. J. Dill Co.
Gandy Co.
Hub States Chemical & Equip. Corp.
Thor Power Tool Co.
International Harvester Co.
Jacobsen Mfg. Co.
Kromer Co.
Larson Machine, Inc.
Lakes Supply Co., Inc.
Lely Corp.
Solo Motors, Inc.
Southern Mill Creek Products Co., Inc.
Tarrant Mfg. Co.
Tryco Mfg. Co., Inc.
Walsh Manufacturing Co.
Waymark

CHEMICAL APPLICATORS, LIQUID

Ag-King (Div. of TAGS)
Amchem Products, Inc.
Asplundh Tree Expert Co.
Avco Ezee Flow Div.
John Bacon Corp.
John Bean Div., FMC Corp.
John Blue Co.
Bowie Machine Works, Inc.
The Broyhill Co.
Buffalo Turbine Ag. Equip. Co.
Century Engineering Corp.
Clark Mfg. Co.
Contree Sales, Inc.
Deere & Co.
DEFECO
The J. J. Dill Co.
Dempster Industries, Inc.
Red Ewald, Inc.
Farmrite Sprayer, Inc.
Great Lakes Chemical Div.
Green Lawn Laboratories, Inc.
Hanson Equipment Co.
Hub States Chemical & Equip. Corp.
H. D. Hudson Mfg. Co.
International Harvester Co.
Jacobsen Mfg. Co.
Lakes Supply Co., Inc.
Larson Machine, Inc.
Melnor Industries, Inc.
F. E. Myers & Bro. Co.
Rear's Mfg. Co.
Root-Lowell Corp.
Silver Creek Precision Corp.
Solo Motors, Inc.
Southern Mill Creek Products Co., Inc.
Superior Chemical Products, Inc.

Tarrant Mfg. Co.
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Walsh Manufacturing Co.
Waymark

CHESTS, TOOL

HEMCO Corporation
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National Crane Corp.
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Weldex

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Ford Motor Co., Tractor Div.
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International Harvester Co.
Massey-Ferguson, Inc.
Wheel-Horse Products, Inc.

DRILLS (Field)

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Deere & Co.
Gandy Co.
International Harvester Co.
Massey-Ferguson, Inc.

DRILLS (Hand & Power Tool)

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Black & Decker Mfg. Co.
Fairmont Hydraulics
Halline Utility Equip. Co.
Hoffco, Inc.
Skil Corp.
Stihl American, Inc.

DUSTERS

John Bean Div., FMC Corp.
John Blue Co., Inc.
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Champion Sprayer Co.
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DeVilbiss Co.
The J. J. Dill Co.
Great Lakes Chemical Div.
Hub States Chemical & Equip. Corp.
H. D. Hudson Mfg. Co.
The Ben Meadows Co.
Root-Lowell Corp.
Solo Motors, Inc.
Southern Mill Creek Products Co., Inc.
Superior Chemical Products, Inc.
Universal Metal Products Div.
The Vandermolen Co.

FIRST-AID KITS

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Pulmosan Safety Equipment Corp.
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Welsh Mfg. Co.

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Cranco Co.
Gotcher Engineering & Mfg. Co.
H. D. Hudson Mfg. Co.
Solo Motors, Inc.
Superior Chemical Products, Inc.
Tree-Ject Co.
Universal Metal Products Div.
The Vandermolen Co.

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London Fog Co.
The Vandermolen Co.

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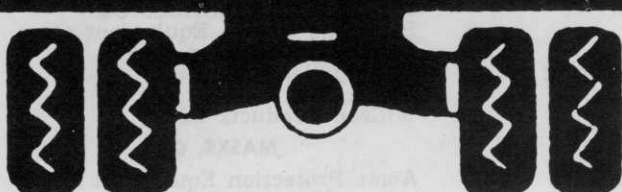
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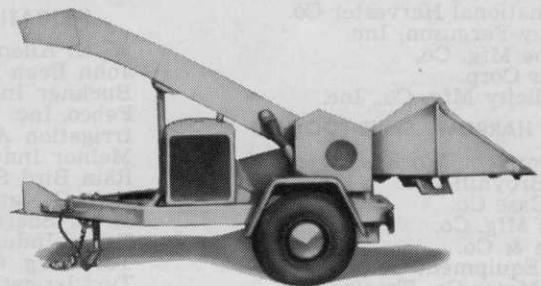
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Red Ewald, Inc.
Great Lakes Chemical Div.
Silver Creek Precision Corp.
Southern Mill Creek Products Co., Inc.
West Chemical Products Inc.

FUMIGANT COVERS (Plastic Sheets)

Great Lakes Chemical Div.

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International Harvester Co.
New World Products Co., Inc.

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Viking Mfg. Co.
Wheel-Horse Products, Inc.

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J. I. Case Co.
Clark Mfg. Co.
Deere & Co.
Engineering Products Co.
Ford Motor Co., Tractor Div.
Gravely Corp.
International Harvester Co.
Massey-Ferguson, Inc.
Melroe Mfg. Co.
Oliver Corp.
Simplicity Mfg. Co., Inc.

HARROW, SPIKE-TOOTHED

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The Broyhill Co.
J. I. Case Co.
Clark Mfg. Co.
Deere & Co.
Finn Equipment Co.
Ford Motor Co., Tractor Div.
John H. Graham & Co., Inc.
Gravely Corp.
International Harvester Co.
Oliver Corp.
Wheel-Horse Products, Inc.

HELMETS

American Optical Co.
Asplundh Tree Expert Co.
Glendale Optical Co., Inc.
Great Lakes Chemical Div.
Mine Safety Appliances Co.
Pulmosan Safety Equipment Corp.
Welsh Mfg. Co.
Willson Products Div.

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Asplundh Tree Expert Co.
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The Broyhill Co.
Century Engineering Corp.
Contree Sales, Inc.
DeVilbiss Co.

The J. J. Dill Co.
Friend Manufacturing Corp.
Great Lakes Chemical Div.
Larson Machine, Inc.
Samuel Moore & Co.
F. E. Myers & Bro. Co.
Practical Products Corp.
Sprayco Mfgs., Inc.
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Pitman Mfg. Co.
Trailevator Div., Magline, Inc.

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Ridge Plastics Co.
Practical Products Corp.
R. M. Wade & Co.
Telsco Industries

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Febco, Inc.
Irrigation Accessories, Inc.
Melnor Industries, Inc.
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Rain-O-Mat Sprinklers
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Telsco Industries
Toro Mfg. Corp.
Turf Irrigation Corp.
R. M. Wade & Co.
Williamstown Irrigation, Inc.

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ENRESKO, Inc.
Febco, Inc.
International Plastics, Inc.
Irrigation Accessories Co.
Lockwood Corp.
Oliver Corp.
Plains Supply Co.
Rain Jet Corp.
Rain-O-Mat Sprinklers
Submatic, Inc.
Telsco Industries
The Thompson Manufacturing Co.
Toro Manufacturing Corp.
Turf Irrigation Corp.
Vermeer Manufacturing Co.
R. M. Wade & Co.
Williamstown Irrigation, Inc.

KNIVES, INJECTOR

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LAWN CARTS

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Billy Goat Industries, Inc.
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The J. J. Dill Co.
Finn Equipment Co.
Gravely Corp.
Jacobsen Mfg. Co.
F. E. Myers & Bro. Co.
Papec Machine Co.
Parker Sweeper Co.
Rogers Mfg. Co., Inc.
Solo Motors, Inc.
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Sweepster, Inc.
The Vandermolen Co.

LEVELERS

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Slope Tractor, Inc.
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Viking Mfg. Co.
York Modern Corp.

LITTER RECEPTACLES

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Victor Stanley, Inc.

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Century Engineering Corp.
Deere & Co.
Dico Side-O-Matic
Howard Rotavator Co., Inc.
Pitman Mfg. Co.
Waldon, Inc.

LOADER, SELF PROPELLED

Erickson Corp.

LOADERS, TRACTOR MOUNTED

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J. I. Case Co.
Danuser Machine Works
Deere & Co.
Engineering Products Co.
Ford Motor Co., Tractor Div.
Gravely Corp.
International Harvester Co.
Koyker Mfg. Co.
Massey-Ferguson, Inc.
Melroe Mfg. Co.
Oliver Corp.
Rear's Mfg. Co.
The Sun-Mastr Corp.
Vermeer Manufacturing Co.

LOG SPLITTERS

Piqua Engineering, Inc.
Waco Lickity Log Splitter Div.

MASKS, DUST

Acme Protection Equipment Corp.
American Optical Co.
The J. J. Dill Co.
Great Lakes Chemical Div.
Hub States Chemical & Equip. Corp.
Martindale Electric Co.
Mine Safety Appliances Co.
Pulmosan Safety Equipment Corp.
Scott Aviation Corp.
The Vandermolen Co.
Welsh Mfg. Co.
Willson Products Div.

MASKS, GAS

Acme Protection Equipment Corp.

The J. J. Dill Co.
Great Lakes Chemical Div.
Hub States Chemical & Equip. Corp.
Mine Safety Appliances Co.
Pulmosan Safety Equipment Corp.
Scott Aviation Corp.
Willson Products Div.

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Ferguson Fumigants, Inc.
Gandy Co.
Great Lakes Chemical Div.
B. G. Reilly Co.
Rolatape, Inc.

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Mercury Clutch Div.

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Ryerson Steel

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Tecumseh Products Co.
Turf Racks

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Burton Supply Co., Inc.
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Great Lakes Chemical Div.
Hanson Equipment Co.
Hub States Chemical & Equip. Corp.
H. D. Hudson Mfg. Co.
Silver Creek Precision Corp.
Solo Motors, Inc.
Southern Mill Creek Products Co., Inc.
Superior Chemical Products, Inc.
Tradewinds, Inc.
The Vandermolen Co.

MISTBLOWERS, ELECTRIC

Root-Lowell Corp.

MISTBLOWERS, SELF-PROPELLED

Solo Motors, Inc.

MISTBLOWERS, TRUCK-MOUNTED

Ag King (Div. of TAGS)
Ampulco (Hardie)
Aquanautics, Inc.
John Bean Div., FMC Corp.
Besler, A Div. of C-C Industries
The Broyhill Co.
Buffalo Turbine Ag. Equip. Co.
The J. J. Dill Co.
Finn Equipment Co.
F. E. Myers & Bro. Co.
Silver Creek Precision Corp.
Solo Motors, Inc.
Southern Mill Creek Products Co., Inc.
Superior Chemical Products, Inc.
The Vandermolen Co.

MISTBLOWERS, NOZZLE PARTS

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Century Engineering Corp.
Delevan Mfg. Co.
The J. J. Dill Co.
Great Lakes Chemical Div.
H. D. Hudson Mfg. Co.
F. E. Myers & Bro. Co.
Solo Motors, Inc.
Southern Mill Creek Products Co., Inc.

MOTORS

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International Harvester Co.
Onan Div., Studebaker Corp.
Practical Products Corp.
Sprayco Mfgs., Inc.
Superior Chemical Products, Inc.
Tecumseh Products Co.
The Vandemolen Co.
Waukesha Motor Co.

MOWERS, BLADES & CUTTING PARTS

The Whitaker Manufacturing Co.

MOWERS, FLAIL

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Roxy-Bonner, Inc.
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MOWERS, REEL

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J. I. Case Co.
Devere-Locke Div., Locke Mfg. Co.
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Ford Motor Co., Tractor Div.
Gravely Corp.
International Harvester Co.
Jacobsen Mfg. Co.
Jari Corp.
Kin-Co
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National Mower Co.
Roseman Mower Corp.
Roxy-Bonner, Inc.
Simplicity Mfg. Co., Inc.
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The Sun-Mastr Corp.
Toro Mfg. Corp.
Wheel-Horse Products, Inc.

MOWERS, ROTARY

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The Black & Decker Mfg. Co.
John Blue Co.
BMB Co.
Bolens Div., FMC Corp.
Brillion Iron Works, Inc.
Bunton Co.
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J. I. Case Co.
Deere & Co.
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Gale Products
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Gravely Corp.
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Jari Corp.
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Oliver Corp.
J. R. Pendleton & Son Inc.
Pennington Mfg. Co.
Quick Manufacturing, Inc.
Rear's Mfg. Co.
Servis Equip. Co.
Side-Winder Plant, FMC Corp.
Simplicity Mfg. Co., Inc.
Slope Tractor, Inc.
Speedex Tractor Co.
Solo Motors, Inc.
Southern Mill Creek Products Co., Inc.
The Sun-Mastr Corp.
Thor Power Tool Co.
Toro Manufacturing Corp.
Triumph Machinery Co.

Wheel-Horse Products, Inc.
Yazoo Mfg. Co., Inc.

MOWERS, SICKLE BAR

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Gravely Tractors
International Harvester Co.
Jacobsen Mfg. Co.
Jari Corp.
Massey-Ferguson, Inc.
Simplicity Mfg. Co., Inc.

MOWERS, VERTICAL (De-Thatchers)

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BMB Co., Inc.
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Engler Mfg. Co.
Henderson Mfg. Co.
International Harvester Co.
Jacobsen Mfg. Co.
Rental Equipment Mfg. Co.
Rogers Mfg. Co., Inc.
Ryan Equipment Co.
Southern Mill Creek Products Co., Inc.
Sweepster, Inc.
Triumph Machinery Co.
West Point Products Corp.

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John Bacon Corp.
Bartlett Mfg. Co.
W. M. Bashlin Co.
Fairmont Hydraulics
Fanno Saw Works
Friend Mfg. Co.
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Halline Utility Equipment Co.
Harder Arborist Supply Co.
Homelite Div., Textron, Inc.
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Limb-Lopper Co., Inc.
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Melnor Industries, Inc.
New World Products Co., Inc.
Pitman Mfg. Co.
H. K. Porter, Inc.
Rowco Mfg. Co., Inc.
Seymour Smith & Son, Inc.
Stihl American, Inc.

PUMPS

Ace Pump Corp.
Ampulco (Hardie)
Aurora Pump Div.
John Bacon Corp.
John Bean Div., FMC Corp.
John Blue Co.
Bowie Industries, Inc.
The Broyhill Co.
Century Engineering Corp.
Contree Sales, Inc.
DEFECO
Delavan Manufacturing Co.
DeVilbiss Co.
Dempster Industries, Inc.
The J. J. Dill Co.
Farmrite Sprayer, Inc.
Farris Chemical Co.
Friend Manufacturing Corp.
Gotcher Engineering & Mfg. Co.

Hanson Equipment Co.
Homelite Div., Textron, Inc.
H. D. Hudson Mfg. Co.
Hydraulic Products Co., Inc.
Hypro, Inc.
Larson Machine, Inc.
Lely Corp.
Marlow Pumps Div.
Midland Prod. Co.
Minnesota Wanner Co.
F. E. Myers & Bro. Co.
Oberdorfer Pump Div.
Practical Products Corp.
Simplex Mfg. Co.
Solo Motors, Inc.
Sprayco Mfgs. Co.
Thor Power Tool Co.
Tryco Mfg. Co., Inc.
Universal Motor Co.
Viking Pump Co.
Williamstown Irrigation Inc.

RAKES

Arps Corp.
Asplundh Tree Expert Co.
Bartlett Mfg. Co.
Brillion Iron Works, Inc.
Deere & Co.
Henderson Mfg. Co.
Ford Motor Co., Tractor Div.
International Harvester Co.
Jari Corp.
F. D. Kees Mfg. Co.
Lely Corp.
Rental Equipment Mfg. Co.
Roseman Mower Corp.
Servis Equip. Co.
Triumph Machinery Co.
York Modern Corp.

REELS, HOSE

Clifford B. Hannay & Son, Inc.
Melnor Industries, Inc.

RESPIRATORS

Acme Protection Equipment Corp.
American Optical Co.
John Bacon Corp.
The J. J. Dill Co.
Friend Mfg. Co.
Glendale Optical Co., Inc.
Great Lakes Chemical Div.
Hub States Chemical & Equip. Corp.
Martindale Electric Co.
Mine Safety Appliances Co.
Pulmosan Safety Equipment Corp.
Scott Aviation Corp.
Superior Chemical Products, Inc.
The Vandermolen Co.
Welsh Mfg. Co.
West Chemical Products, Inc.
Willson Products Div.

ROLLER-SPRAYERS

Red Ewald, Inc.
Friend Mfg. Co.
Lakes Supply Co., Inc.
Rear's Mfg. Co.
Sprayco Mfgs. Co.

ROLLERS, TURF

Big J Products, Inc.
Brillion Iron Works, Inc.
Daymon Mfg. Corp.
Ford Motor Co., Tractor Div.
John H. Graham & Co., Inc.
Gravely Corp.
International Harvester Co.
Princeton Turf Farms
Rogers Mfg. Co., Inc.
Rosco Manufacturing Co.
Ryan Equipment Co.
Simplicity Mfg. Co., Inc.
Sun Industry, Inc.
Wheel-Horse Products, Inc.

ROOT-FEEDING RODS

John Bean Div., FMC Corp.
Ross Daniels, Inc.
The J. J. Dill Co.

Dobbins Div., Chamberlain Mfg. Corp.
 Hub States Chemical & Equip. Corp.
 Hydroponic Chemical Co., Inc.
 Minnesota Wanner Co.
 Universal Metal Products Div.

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 TREE CLIMBERS**

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 Bartlett Mfg. Co.
 W. M. Bashlin Co.
 Mine Safety Appliances Co.
 Safety Test & Equipment Co., Inc.

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 Bartlett Mfg. Co.
 W. M. Bashlin Co.
 John Bean Div., FMC Corp.
 Charleston Rubber Co.
 Glendale Optical Co.
 Great Lakes Chemical Div.
 Harder Arborist Supply Co.
 Mine Safety Appliances Co.
 Pulmosan Safety Equipment Corp.
 Safety Test & Equipment Co., Inc.
 Scott Aviation Corp.
 Southern Mill Creek Products Co., Inc.
 The Vandermolen Co.
 Welsh Mfg. Co.
 Willson Products Div.

SAWS, CHAIN

Homelite Div., Textron Inc.
 New World Products Co., Inc.
 Limb-Lopper Co., Inc.
 Pioneer Saws Div., Gale Products

SAWS, MANUAL

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 The Fanno Saw Works
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 Harder Arborist Supply Co.
 Safety Test & Equipment Co., Inc.
 Seymour Smith & Son, Inc.
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 The Black & Decker Mfg. Co.
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 Remington Arms Co., Inc.
 Rowco Mfg. Co., Inc.
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 Stihl American, Inc.
 The Sun-Mastr Corp.

Thor Power Tool Co.
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SAWS, CHAIN, PARTS

Foley Mfg. Co.
 Omark Industries, Inc.
 Pioneer Saws Div., Gale Products
 Sabre Saw Chain, Inc.

SCRAPERS

BMB Company
 Deere & Co.
 Gravely Corp.
 International Harvester Co.

SCREENERS, SOIL

Lindig Manufacturing, Inc.

SCYTHES

Hoffco, Inc.

SEEDERS, BELT TYPE

John Bean Div., FMC Corp.

SEEDERS, DISK TYPE

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 International Harvester Co.
 Rogers Mfg. Co., Inc.
 Vandermolen Export Co.

SEEDERS, HOPPER TYPE

Avco Ezee Flow Div.
 Brettrager Manufacturing
 Brillion Iron Works, Inc.
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SEEDERS, SOD

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SHARPENER, CHAIN SAW

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Custom Spray Equipment Corp.
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Red Ewald, Inc.
Farmrite Sprayer, Inc.
Friend Manufacturing Corp.
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Green Lawn Laboratories, Inc.
Hanson Equipment Co.
H. D. Hudson Mfg. Co.
Kromer Co.
Larson Machine, Inc.
Mallinckrodt Chemical Works
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F. E. Myers & Bro. Co.
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Papec Machine Co.
Practical Products Corp.
Rear's Mfg. Co.
Root-Lowell Corp.
Simplex Mfg. Co.
Sprayco Mfgs., Inc.
Southern Mill Creek Products Co., Inc.
Thuron Sprayer Mfg. Co.
Tote Systems Div.
Tryco Mfg. Co., Inc.
Walsh Manufacturing Co.

SPRAY GUNS

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Century Engineering Corp.
Clark Mfg. Co.
Contree Sales, Inc.
Delavan Manufacturing Co.
DeVilbiss Co.
The J. J. Dill Co.
Farmrite Sprayer, Inc.
Friend Manufacturing Corp.
Gotcher Engineering & Mfg. Co.
Great Lakes Chemical Div.
Green Lawn Laboratories, Inc.
Hanson Equipment Co.
Hub States Chemical & Equip. Corp.
H. D. Hudson Mfg. Co.
Hydroponic Chemical Co., Inc.
Kromer Co.
Larson Machine, Inc.
Master Sprayers, Inc.
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Oakes Mfg. Co., FMC Corp.
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Southern Mill Creek Products Co., Inc.

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SPRAY NOZZLES, COMPLETE

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John Bean Div., FMC Corp.
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Century Engineering Corp.
Clark Mfg. Co.
Contree Sales, Inc.
Delavan Manufacturing Co.
DeVilbiss Co.
The J. J. Dill Co.
Farmrite Sprayer, Inc.
Friend Manufacturing Corp.
Gotcher Engineering & Mfg. Co.
Gravelly Corp.
Great Lakes Chemical Div.
Green Lawn Laboratories, Inc.
Growers Chemical Corp.
Hanson Equipment Co.
H. D. Hudson Mfg. Co.
Kromer Co.
Larson Machine, Inc.
Master Sprayers, Inc.
Melnor Industries
Monarch Mfg. Works, Inc.
F. E. Myers & Bro. Co.
Oakes Mfg. Co., FMC Corp.
Papec Machine Co.
Practical Products Corp.
Rear's Mfg. Co.
Root-Lowell Corp.
H. B. Sherman Mfg. Co.
Simplex Mfg. Co.
Sprayco Mfgs., Inc.
Spraying Systems Co.
Solo Motors, Inc.
Southern Mill Creek Products Co., Inc.
Superior Chemical Products, Inc.
Wm. Steinen Mfg. Co.
The Thompson Manufacturing Co.
Thuron Sprayer Mfg. Co.
Tryco Mfg. Co., Inc.
Walsh Manufacturing Co.

SPRAY NOZZLES, DISKS

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John Bacon Corp.
John Bean Div., FMC Corp.
The Broyhill Co.
Century Engineering Corp.
Clark Mfg. Co.
Delavan Manufacturing Co.
The J. J. Dill Co.
Farmrite Sprayer, Inc.
Friend Manufacturing Corp.
Gotcher Engineering & Mfg. Co.
Gravelly Corp.
Green Lawn Laboratories, Inc.
Hanson Equipment Co.
Larson Machine, Inc.
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Oakes Mfg. Co., FMC Corp.
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Thuron Sprayer Mfg. Co.
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Walsh Manufacturing Co.

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Century Engineering Corp.

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 Delavan Mfg. Co.
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 Friend Manufacturing Corp.
 Gravely Corp.
 Great Lakes Chemical Div.
 Green Lawn Laboratories, Inc.
 Larson Machine, Inc.
 Master Sprayers, Inc.
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 Oakes Mfg. Co., FMC Corp.
 Practical Products Corp.
 Spraying Systems Co.
 Southern Mill Creek Products Co., Inc.
 Wm. Steinen Mfg. Co.
 Superior Chemical Products, Inc.
 Walsh Manufacturing Co.

SPRAY PUMPS

Hypco, Inc.
 Master Sprayers, Inc.

SPRAY RIG LINE MARKERS

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 Contree Sales, Inc.
 Dempster Industries, Inc.
 Great Lakes Chemical Div.
 Green Lawn Laboratories, Inc.
 H. D. Hudson Mfg. Co.
 Larson Machine, Inc.
 Rear's Mfg. Co.

SPRAYER, BIFLUID

John Bean Div., FMC Corp.
 The Broyhill Co.
 Buffalo Turbine Equipment Co.
 Clark Mfg. Co.
 Dobbins Div., Chamberlain Mfg. Corp.
 Red Ewald, Inc.
 Farmrite Sprayer, Inc.
 Finn Equipment Co.
 Great Lakes Chemical Div.
 Minnesota Wanner Co.
 Simplex Mfg. Co.
 Sprayco Mfgs., Inc.
 Stull Chemical Co.

SPRAYERS, BOOM

Ag-King (Div. of TAGS)
 Ampulco (Hardie)
 Amchem Products, Inc.
 John Bacon Corp.
 John Bean Div., FMC Corp.
 John Blue Co., Inc.
 The Broyhill Co.
 Century Engineering Corp.
 Clark Mfg. Co.
 Contree Sales
 Cushman Motors
 Deere & Co.
 DEFECO
 Dempster Industries, Inc.
 The J. J. Dill Co.
 Dobbins Div., Chamberlain Mfg. Corp.
 Red Ewald, Inc.
 Farmrite Sprayer, Inc.
 Friend Manufacturing Corp.
 Gotcher Engineering & Mfg. Co.
 Gravely Corp.
 Great Lakes Chemical Div.
 Green Lawn Laboratories, Inc.
 Growers Chemical Corp.
 Hanson Equipment Co.
 Heckendorn Mfg. Co., Inc.
 Hub States Chemical & Equip. Corp.
 H. D. Hudson Mfg. Co.
 International Harvester Co.
 Kromer Co.
 Larson Machine, Inc.
 Master Sprayers, Inc.
 Mayrath Co.
 F. E. Myers & Bro. Co.
 Papec Machine Co.
 Rear's Mfg. Co.
 Rogers Mfg. Co., Inc.

Root-Lowell Corp.
 Simplex Mfg. Co.
 Southern Mill Creek Products Co., Inc.
 Sprayco Mfgs., Inc.
 Sun Industry, Inc.
 Thuron Sprayer Mfg. Co.
 Tryco Mfg. Co., Inc.
 Walsh Manufacturing Co.
 Waymark

SPRAYERS, CART OR WHEELBARROW TYPE

Ampulco (Hardie)
 John Bean Div., FMC Corp.
 The Broyhill Co.
 Buffalo Turbine Ind. Equipment Co.
 Champion Sprayer Co.
 R. E. Chapin Mfg. Works, Inc.
 Clark Mfg. Co.
 Deere & Co.
 The J. J. Dill Co.
 Dobbins Div.
 Red Ewald, Inc.
 Farmrite Sprayer, Inc.
 Friend Mfg. Co.
 Great Lakes Chemical Div.
 Hanson Equipment Co.
 Hub States Chemical & Equip. Corp.
 H. D. Hudson Mfg. Co.
 Larson Machine, Inc.
 F. E. Myers & Bro. Co.
 Rear's Mfg. Co.
 Root-Lowell Corp.
 D. B. Smith & Co.
 Southern Mill Creek Products Co., Inc.
 Sun Industry, Inc.
 Tarrant Mfg. Co.
 Thuron Sprayer Mfg. Co.
 Universal Metal Products Div.

SPRAYERS, COMPLETE POWER UNIT

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 John Bean Div., FMC Corp.
 Besler, Div. of C-C Industries
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 Bowie Industries, Inc.
 The Broyhill Co.
 Buffalo Turbine Ag. Equip. Co.
 Century Engineering Corp.
 Champion Sprayer Co.
 R. E. Chapin Mfg. Works, Inc.
 Clark Mfg. Co.
 Cushman Motors
 DEFECO
 Deere & Co.
 The J. J. Dill Co.
 Dobbins Div.
 Red Ewald, Inc.
 Farmrite Sprayer, Inc.
 Friend Manufacturing Corp.
 Gravely Corp.
 Great Lakes Chemical Div.
 Green Lawn Laboratories, Inc.
 Hanson Equipment Co.
 Hub States Chemical & Equip. Corp.
 H. D. Hudson Mfg. Co.
 Kromer Co.
 Larson Machine, Inc.
 Lockwood Corp.
 Marlow Pumps Div.
 Master Sprayers, Inc.
 Minnesota Wanner Co.
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Universal Metal Products Div.
The Vandermolen Co.
Walsh Mfg. Co.
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West Chemical Products, Inc.

SPRAYERS, COMPRESSED AIR

John Bean Div., FMC Corp.
Blackwell Burner Co.
R. E. Chapin Mfg. Works, Inc.
DeVilbiss Co.
The J. J. Dill Co.
The C. B. Dolge Co.
Red Ewald, Inc.
Great Lakes Chemical Div.
H. D. Hudson Mfg. Co.
Larson Machine, Inc.
Oakes Mfg. Co., FMC Corp.
Root-Lowell Corp.
D. B. Smith & Co.
Southern Mill Creek Products Co., Inc.
Superior Chemical Products, Inc.
Tryco Mfg. Co., Inc.
Universal Metal Products Div.
West Chemical Products, Inc.

SPRAYERS, HAND

Ag King (Div. of TAGS)
Ampulco (Hardie)
Bartlett Mfg. Co.
John Bean Div., FMC Corp.
Blackwell Burner Co.
Borden Chem., Smith-Douglass Div.
Broyhill Co.
Buffalo Turbine Ag. Equip. Co.
Century Engineering
Champion Sprayer Co.
R. E. Chapin Mfg. Works, Inc.
Contree Sales, Inc.
The J. J. Dill Co.
Deere & Co.
The C. B. Dolge Co.
Friend Mfg. Co.
Great Lakes Chemical Div.
Green Lawn Laboratories, Inc.
Hub States Chemical & Equip. Corp.
H. D. Hudson Mfg. Co.
Hydroponic Chemical Co., Inc.
Larson Machine, Inc.
Melnor Industries, Inc.
Oakes Mfg. Co., FMC Corp.
Root-Lowell Corp.
Silver Creek Precision Corp.
D. B. Smith & Co.
Solo Motors, Inc.
Southern Mill Creek Products Co., Inc.
Superior Chemical Products, Inc.
The Thompson Manufacturing Co.
Tradewinds, Inc.
Tryco Mfg. Co., Inc.
Universal Metal Products Div.
The Vandermolen Co.
Walsh Manufacturing Co.
West Chemical Products, Inc.

SPRAYERS, HOSE END

W. D. Allen Mfg. Co.
Ampulco (Hardie)
John Bacon Corp.
Barco Mfg. Co., Inc.
John Bean Div., FMC Corp.
Borden Chem., Smith-Douglass Div.
Broyhill Co.
Century Engineering Corp.
R. E. Chapin Mfg. Works, Inc.
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Hydroponic Chemical Co., Inc.
Larson Machine, Inc.
Master Sprayers, Inc.
Melnor Industries, Inc.
H. B. Sherman Mfg. Co.
Southern Mill Creek Products Co., Inc.
Superior Chemical Products, Inc.
Thuron Sprayer Mfg. Co.
Tryco Mfg. Co., Inc.
Universal Metal Products Div.
Walsh Mfg. Co.

SPRAYERS, KNAPSACK

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Buffalo Turbine Ag. Equip. Co.
Champion Sprayer Co.
R. E. Chapin Mfg. Works, Inc.
The J. J. Dill Co.
C. B. Dolge Co.
Friend Mfg. Co.
Great Lakes Chemical Div.
Green Lawn Laboratories, Inc.
Hanson Equipment Co.
Hub States Chemical & Equip. Corp.
H. D. Hudson Mfg. Co.
Ben Meadows Co.
Oakes Mfg. Co., FMC Corp.
Parco Products Co.
Root-Lowell Corp.
D. B. Smith & Co.
Solo Motors, Inc.
Southern Mill Creek Products Co., Inc.
Superior Chemical Products, Inc.
Tradewinds, Inc.
Universal Metal Products Div.
The Vandermolen Co.

SPRAYERS, MOBILE TURF

Mallinckrodt Chemical Works

SPREADERS, DISC-TYPE

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Great Lakes Chemical Div.
Larson Machine, Inc.
Northrup, King & Co.
Southern Mill Creek Products Co., Inc.
Tarrant Mfg. Co.
Tyler Corp.
The Vandermolen Co.
Waymark

SPREADERS, HOPPER-TYPE

Avco Ezee Flow Div.
Borden Chem., Smith-Douglass Div.
Brettrager Manufacturing
Champion Sprayer Co.
The Cyclone Seeder Co., Inc.
Deere & Co.
Dempster Industries, Inc.
The J. J. Dill Co.
Fence Painter Corp.
Gandy Co.
Garber Seeders, Inc.
Gotcher Engineering & Mfg. Co.
Gravelly Corp.
Great Lakes Chemical Div.
Highway Equipment Co.
International Harvester Co.
F. D. Kees Mfg. Co.
Larson Machine, Inc.
Lely Corp.
Schneider Metal Mfg. Co.
O. M. Scott & Sons
Simplex Mfg. Co.
Southern Mill Creek Products Co., Inc.
Sunnyhill Research & Mfg. Co.
Tarrant Mfg. Co.
Tryco Mfg. Co., Inc.

Tyler Corp.
The Vandermolen Co.

SPRIGGERS

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James-Way Equipment Co.
Thompson Equipment Co.
Wichita Equipment Co.

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Toro Mfg. Corp.

STONE PICKER

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McCabe-Powers Body Co.
Bridgeport Implement Works, Inc.
Lockwood Corp.
Rogers Mfg. Co., Inc.

STUMP CUTTERS

Arps Corp.
Brooks Products Div.
H & G Tool Co.
International Harvester Co.
Valmont Industries, Inc.
Vermeer Manufacturing Co.
Wayne Mfg. Co.

SWEEPERS

Beck Mfg. Co.
Billy Goat Industries, Inc.
J. I. Case Co.
Deere & Co.
Gravelly Corp.
International Harvester Co.
Jacobsen Mfg. Co.
Kromer Co.
M-B Company
Melroe Mfg. Co.
Parker Sweeper Co.
Rogers Mfg. Co., Inc.
Turf Vac Corp.
Wayne Manufacturing Co.

TANKS, SPRAY

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John Bean Div., FMC Corp.
Blackwell Burner Co.
The Broyhill Co.
Century Engineering Corp.
Clark Mfg. Co.
Contree Sales
The J. J. Dill Co.
Red Ewald, Inc.
Farmrite Sprayer, Inc.
Friend Manufacturing Corp.
Gotcher Engineering & Mfg. Co.
Green Lawn Laboratories, Inc.
Hanson Equipment Co.
H. D. Hudson Mfg. Co.
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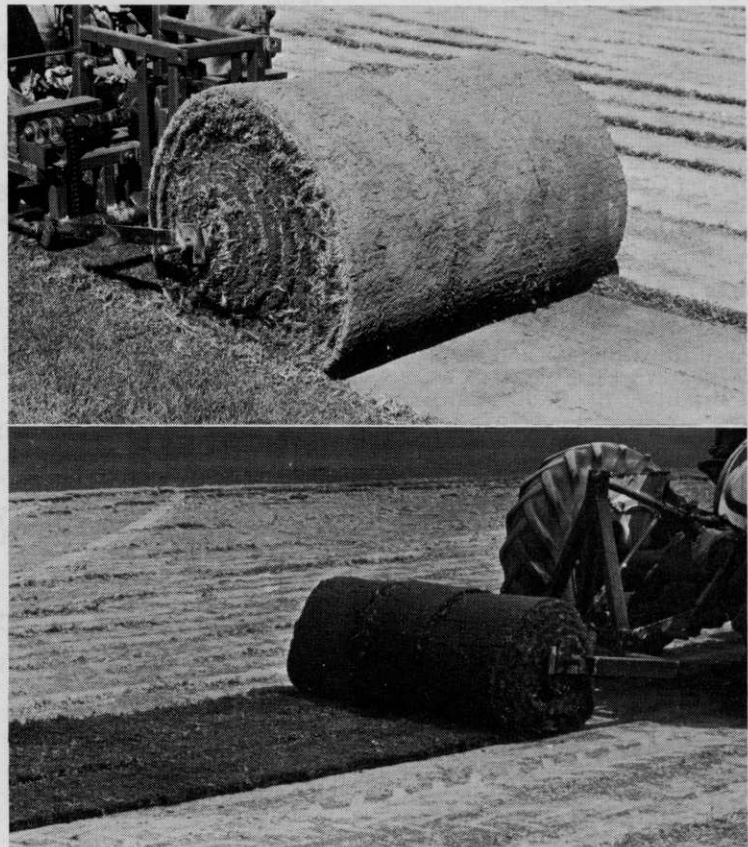
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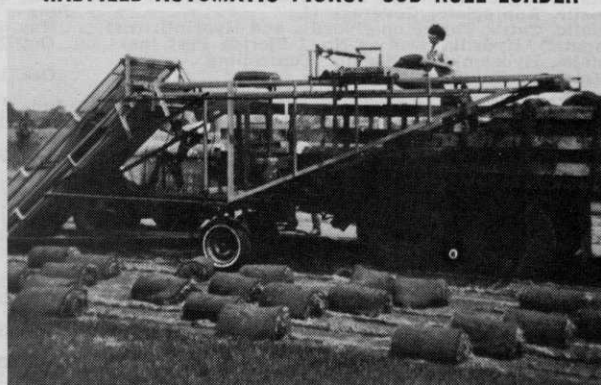
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A

	Issue Pg.
AAN Publishes Nationwide Nursery Stock Locator Guide (ns)	Nov. 24
Accidents and Fires, How Much Profit Are You Losing? (fa) by J. L. Shopen	Sept. 12
(Advertising), Arab's Lawn Wins Customers and Awards (ns)	Aug. 36
Advertising, Retail Awards, AAN Presentation (cr)	Sept. 33
Advice, Follow Your Own (L)	May 10
Aerial Applicators See Increased Safety Indispensable in 70s (cr)	Jan. 30
(Air Pollution), Where There's Smoke There's Fire of Protest by Thorne B. Gray (fa)	Mar. 32
Aldrin, Dieldrin Called Essential for Nurseries (ns)	Nov. 26
Aldrin, Dieldrin, USDA Bans Uses For Aquatic Environments	Apr. 41
Algae, An Easy Way to Keep Pond Free of (fa)	Aug. 28
Algae, Total Lake Management (fa) by Norman J. Schein	June 18
Allied Biological Control, How Approaches Problems, Urban, Industrial Weed Control (fa)	Sept. 16
Alligatorweed, Arkansas Survey Sizes Up (ns)	Oct. 35
Allis-Chalmers Announces Expansion of Henry Corp. (ns)	Mar. 49
American Association of Nurserymen, Best in Landscaping During 1970 (fa)	Dec. 13
American Association of Nurserymen Exceeds 1800 (ns)	June 38
American Association of Nurserymen, Membership Rule Change (cr)	July 24
American Society of Consulting Arborists New Officers (ns)	June 33
American Sod Producers, 4th Annual Conf. (cr)	Sept. 24
Anti-Desiccants Works on Stored Azaleas (ns)	Dec. 69
(Aphid), Cooley Spruce Gall; How to Control the (fa) by J. L. Saunders	Jan. 27
Applicator Bob Wright Tells How He Tries To Make a Profit (fa) by Robert G. Wright	Feb. 16
Applicators School Successful (L)	Feb. 41
Aquatic, Alligatorweed, Arkansas Survey Sizes Up (ns)	Oct. 35
Aquatic & Bank Weeds, Research Techniques and Challenges Are Unique (fa) by F. L. Timmons	June 24
Aquatic, Algae Treatment for Private Ponds (fa)	Aug. 28
Aquatic, Appreciates Coverage (L)	June 8
Aquatic, Cattle Thrive on Hydrilla and Hyacinth (ns)	May 50
(Aquatic), Hydrilla Seen as No. 1 Florida Pest (ns)	Oct. 37
Aquatic, Hydronic Method for Controlling Weeds in Running Water (fa)	Oct. 14
Aquatic, Total Lake Management by Norman Schein (fa)	June 18
Aquatic Weed, Beetle Eats (fa) by Robert N. Hambric	Sept. 14
Aquatic Weed Control Research, A Siberian Fish, a Latin Beetle (ns)	Feb. 33
Aquatic Weed Control, The Role of Herbicides (fa) by Jason Cortell	June 12
Aquatic Weed Service, 3M Company (ns)	June 16
Aquatic Weeds, Laser Attack (fa)	Nov. 10
Aquatic, Weldon, Lyle Drowns (ns)	Mar. 40
Aquatic, Weldon, Lyle In Memoriam	June 10
Arab's Lawn Advertising Wins Customers and Awards (ns)	Aug. 36
Arborist Officers for 1970 (cr)	Apr. 38
Arborist, Real Estate Appraiser Working Closer (ns)	June 33
Arborist, Municipal: Street Lights and Trees Can Mix After All (cr)	Nov. 22
Arborists, Municipal, Survey (fa)	Dec. 16
Arborists Soak Up Ideas and Sunshine At February Annual Meeting	Apr. 38
Arizona Public Service, There's More Than Power In (fa)	May 12
Arkansas Survey Sizes Up Alligatorweed (ns)	Oct. 35
Article Index (fa)	Dec. 54
Asplundh Tree Expert Company (fa) by Gene Ingalsbe	Aug. 8
Athletic Fields, Help Offered on Turf For (ns)	Sept. 29
August Editorial Liked (L)	Oct. 20
August Issue, Thanks (L)	Oct. 20
(Awards), Best in Landscaping During 1970 (fa)	Dec. 18

B

Bank & Aquatic Weeds, Research Techniques and Challenges Are Unique (fa) by F. L. Timmons	June 24
Beck Invents Sod System For Harvesting and Laying (ns)	June 32
Beetle, A Latin, Weed Control Research (ns)	Feb. 33
Beetle Eats Aquatic Weed by Robert N. Hambric (fa)	Sept. 14
Bentgrasses, Black Mountain Tests Fertilizers and (fa) by Ross Taylor	Apr. 24
Bentgrass, Enzyme Stops Growth On Hot Day (ns)	Oct. 19
Black Mountain Test Fertilizers and Bentgrasses (fa) by Ross Taylor	Apr. 24
Bluegrass Billbug, Sevin With One Blow Kills Lawn-Devastating Trio (ns)	June 34
Botanist, California, Defends 2, 4, 5-T (L)	July 6
Britain, The Tree Scene (fa) by W. E. Matthews	Aug. 20
Brush Control, Seven Important Steps To Prescription (fa) by Hyland Johns	May 22
Bucket Operator Rescue (fa)	Aug. 14
Bucket Rescue, Error In (L)	Oct. 20

Burning, Field, Grass Seed Industry	May 40
Teeters On Issue of (fa)	May 40
(Business), Herbicides for Beginners (fa)	Feb. 6
(Business), 2nd National Sod Survey (fa)	Nov. 17

C

California Botanist Defends 2, 4, 5-T (L)	July 6
California, Certified Nurseryman Program Under Way In (ns)	May 39
California Weed Conference, 22nd Annual (cr)	Apr. 42
Cal-Turf, How They Move Sod (fa)	Aug. 30
Cattle Thrive On Hyacinth and Hydrilla In Florida Test (ns)	May 50
Campe Tree Service Acquired by Davey Tree (ns)	Sept. 23
Central Chemical Forms Turf Products Div. (ns)	Feb. 28
Chadwick, Dr. L. C. Tree Industry Outlook (fa)	Dec. 14
Chemical Increases Pesticide Residual Power (ns)	Jan. 42
Chemical Maintenance, Inc., Weeds Are Losing (Chemical Pesticides), Will It Be a Year of Throwing Out the Baby With the Wash? (fa) by Jim Mills	Dec. 10
the Ditchbanks In Louisiana War (fa)	Apr. 20
Chemicals, TurboTrim, Right-of-Way Maintenance With (fa) by Gene Ingalsbe	July 6
Chemists Find Additives That Break Down DDT (ns)	Aug. 37
Chewings Fescue Variety Licensed for Canada Use (ns)	Apr. 43
Chippers, Big Tree, Problem-Solving Moneymakers (fa)	Oct. 8
Chlordane, Heptachlor, Pen a Note For (ns)	Oct. 35
CIBA, Geigy Directors Announce Merger Proposal (ns)	Aug. 38
CIBA-Geigy, Ltd., It's Now (nc)	Dec. 69
Cities, Municipalities, and Parks, Weed Control Costs In Long-Season Areas (fa) by Turney J. Hernandez	Feb. 14
Colburn's, Bill, Weed Machine (fa) by Bill Gentry	May 38
Colloidal Products Corp. Celebrate 50th Year (ns)	Nov. 33
Computer? Irrigation by (fa) by Ted Woehrle	Mar. 18
Conservationist, Leading, Back Pesticide Use (ns)	Oct. 25
Conspiracy of Ignorance (ed)	Feb. 4
Consulting Arborists Name Davis Executive Director (ns)	Oct. 36
Container, Pesticide Disposal . . . A Look At Burning (fa)	Apr. 10
Cooley Spruce Gall Aphid: How To Control the (fa) by J. S. Saunders	Jan. 27
(Costs), Here's An Estimate of Weed Control In Long-Season Areas (fa) by Turney J. Hernandez	Feb. 10
Costs, How Does Your Production Measure Up? (fa) by Donald D. Juchartz	Oct. 22
Costs, Quality, Seed Supplies, Industry Growth, American Sod Producers Conference (cr)	Sept. 24
Crane Fly, USDA Imposes Restrictions To Stop Spread (ns)	Aug. 38
Creeping Speedwell, Chemical Control (fa) by A. J. Turgeon and W. F. Meggitt	July 22
Crownvetch, For Erosion Control, 'No Maintenance,' and Beauty: (fa)	Sept. 6
Cutrine, An Easy Way To Keep Pond Free of Algae (fa)	Aug. 28

D

Davey Tree Acquires Campe Tree Service (ns)	Sept. 37
Davey Tree Announces Fault Detection Service (ns)	Oct. 34
Davey Tree Cares For Lincoln Oak (ns)	Feb. 34
Davey Tree Enters Equipment Field (ns)	Nov. 26
Davey Tree Has Record Sales (ns)	May 51
DDT, Chemists Find Additives That Break Down (ns)	Aug. 37
DDT, Hens and (L)	July 38
DDT, Cornell Scientists Trace Decay of (nc)	Dec. 68
DDT, Six Manufacturers Contest USDA's Ban (ns)	Feb. 39
(DDT), Spraymen Sue the Federal Government (cr)	Nov. 9
DDT, USDA Bans in Four Categories (ns)	Jan. 21
Dicamba, Try These Tips On Using Mecoprop and (fa)	Feb. 27
Dieldrin, Aldrin Banned by USDA For Aquatic Environment (ns)	Apr. 41
Dieldrin, Aldrin Called Essential For Nurseries (ns)	Nov. 26
Disease, Diagnosis of Plant (ns)	Feb. 42
Dow Cites 2,4,5-T Impurity As Cause Of Birth Defects (ns)	May 53
Dow Dicamba Available (ns)	Apr. 44
DuIN, DuBois Chemicals Announces, For Non-Crop Area (ns)	July 38
Dutch Elm Disease, Elms Found Resistant to (ns)	Dec. 68
Dutch Elm Disease Losses Drop 50% In Milwaukee County, Wis. (ns)	July 25
Dutch Elm Disease, Ohio State Gets \$51,000 For Research (ns)	July 34

E

Ecologists, To Maintain A Balance With, In Nature (ed)	Oct. 6
(Equipment), Annual Spray-O-Rama (cr)	Nov. 9
(Equipment), Big Tree Chippers (fa)	Oct. 8
(Equipment), Bill Colburn's Weed Machine (fa) by Bill Gentry	May 38
Equipment Directory and Suppliers Guide (fa)	Dec. 21
(Equipment), Factors Affecting Weed Control (cr)	Dec. 60
(Equipment), How Cal-Turf Moves Sod (fa)	Aug. 30
Equipment, Indian Joe Mechanizes Carving (ns)	Apr. 44
(Equipment), Landscaping With a Mercedes-Benz (fa)	Nov. 12
(Equipment), Nurseryman Digs Trench With Power Saw (ns)	Mar. 48
(Equipment), Rotary Tiller Disperses New Gelled Soil Fumigant (ns)	Jan. 40
(Equipment), 2nd National Sod Survey (fa)	Nov. 17
(Equipment), Vacuum Leaf Collector (ns)	Dec. 64
(Employee), Accidents and Fires, How Much Profit Are You Losing? (fa) by J. L. Shopen	Sept. 12
Employees, Herbicides For Beginners Orient Your New (fa)	Feb. 6
Endrin, Forest Service Announces Reduced Use Of (ns)	Feb. 41
Environmental Industries, Inc., Buys Green Valley Landscaping (ns)	Nov. 34
(Environment), To Much Country Out of the People (ed)	Nov. 6
Enzyme Stops Growth of Bent On Hot Day (ns)	Oct. 19
Erosion Control, Crownvetch, 'No Maintenance' and Beauty: (fa)	Sept. 6
European Chafer Grubs, Sevin With One Blow Kills Lawn-Devastating Trio (ns)	June 34
Europeans Visited Others (L)	Feb. 41

F

	Issue Pg.
Farrens Tree Surgeon, Bucket Operator Rescue (fa)	Aug. 14
Fertilization: What's Going On Underground (fa)	Oct. 18
(Fertilizer), Perlite Is Carrier in New Bulk-Blend Process (ns)	Jan. 20
Fertilizers, Black Mountain Test Bentgrasses and (fa) by Ross Taylor	Apr. 24
(Finance), Prepare for More Inflation (fa) by David L. Markstein	July 12
Fires and Accidents, How Much Profit Are You Losing (fa) by J. L. Shopen	Sept. 12
Fish, A Siberian, Weed Control Research (ns)	Feb. 33
Five Behind, Five Ahead — Take a Look (ed)	Apr. 8
Florida, Hydrilla Seen As No. 1 Pest (ns)	Oct. 37
Florida Nurserymen Tipped On Tree-Growth Retardants (cr)	Dec. 65
Football Field, How Thistle Down Turned into a (fa)	May 26
Frost and Higgins Wins Landscape Merit Awards (ns)	Dec. 70
Fumigant, New Gelled Soil Fumigant Dispersed by Rotary Tiller (ns)	Jan. 40
Fungicide, New Turf, Ends Need for Mercury (ns)	Dec. 64
Furniture Firm Turns Sawdust Into Sawbucks (ns)	Oct. 34

G

Geigy, CIBA Directors Announce Merger Proposal (ns)	Aug. 38
Geigy Uses 'Maxi-Plot' to Introduce Herbicides (ns) by Ed Sorgatz	Feb. 17
Georgia Institute of Technology, Perlite Is Carrier in New Bulk-Blend Fertilizer Process (ns)	Jan. 20
Globe, Arizona, 2,4,5-T Caper (ns)	Nov. 25
(Golf), Black Mountain Tests Fertilizers and Bentgrasses (fa) by Ross Taylor	Apr. 24
Golf Course Architects Directory (fa)	Dec. 33
Golf Course Builders Form National Trade Association (ns)	Sept. 23
(Golf Course), Florida, Michigan Leading in Construction (ns)	Feb. 29
(Golf Course), Grass Seed Sprayed on Kentucky Golf Estates (fa)	Sept. 22
Golf Course Irrigation: 8 Good Ideas (fa)	Mar. 20
(Golf Course), Sand/Bark Greens and Tees (fa)	Feb. 24
Golf Course Superintendents Association of America Annual Conference (cr)	Apr. 49
Golf Course Superintendents Association of America, 1970 Officers (cr)	Apr. 52
Golf Course Superintendent, Help From Above by Tuco Div., Upjohn Co. (fa)	May 32
Golf Course Survey, WTT Surveys Cost of Golf Course Upkeep	Jan. 22
Golf Course, Turf Management by Ear (fa) (Golf Course), Whitmarsh Gives Poa Heave-Hoa (fa) by Phil Lance	Jan. 16
Goodall, George W., Tree Industry Outlook (fa)	Aug. 26
Graeagle Meadows, Sand/Bark Greens and Tees (fa)	Dec. 14
Grass Seed Industry Teeters on Issue of Field Burning (fa)	May 40
Grass Seed Sprayed on Kentucky Golf Estates (fa)	Sept. 22
Grasses, Michigan Names Best Mixes for roadside (ns)	Dec. 64
Grounds Beautification, Ohio Turfgrass grass Conference (cr)	Jan. 15
Grau, Dr. Fred V., Crownvetch (fa)	Sept. 6
Greenbelt Communities, How to Avoid Maintenance Headaches (fa) by Lou Speer	June 31
Gypsy Moth, Accelerated Research Asked To Control (ns)	Feb. 34
Gypsy Moth Defoliates 800,000 Acres In Northeast (ns)	Nov. 15

H

Helicopter Association of America Claims Immunity to New Airport User Tax (ns)	Dec. 62
(Helicopter), Help From Above For the Golf Course Superintendent (fa) by Tuco Div., Upjohn Company	May 32
Helicopter Right; Wrong Name (L)	Oct. 20
Heptachlor, Chlordane, Pen a Note For (ns)	Oct. 35
Herbicide, Broadcast Good Side of Story (cr)	Feb. 30
Herbicide, Double-Action, Getting USDA Evaluation (ns)	Nov. 27
Herbicides, Geigy Uses Maxi-Plot To Introduce (ns) by Ed Sorgatz	Feb. 17
Herbicide, Rohm and Haas Announces New Kerb 75W (ns)	Feb. 42
Herbicides for Beginners (fa)	Feb. 6
Herbicides, The Role Of (fa)	Nov. 27
(Herbicides), What's Best in Northwest Reported at Weed Meeting (cr)	Dec. 65
by Jason M. Cortell	June 12
Herbicide, 2,4,5-T Issue Phoney, Say Weed Experts (cr) Thorne Gray	Apr. 42
Herbicide, 2,4,5-T Test Is Invalid (ns)	Mar. 52
(Herbicide), 2,4,5-T, Tonto National Forest (ns)	Nov. 25
(Herbicide) USDA Registers U.S. Borax, Maintain CF 125 (ns)	Mar. 53
(Highway Beautification), Take a Ride on Interstate 00 (fa)	Dec. 6
Highway Weed Control: Cost In Long Season Areas (fa) by Turney J. Hernandez	Feb. 12
Holmes, Inc., Norman V., Firm Specializes in Tree Care Only (fa) by Phil Lance	May 18
(Homeowner's), Underground Sprinklers High On Want List (fa)	May 17
Hyacinth, Cattle Thrive on Hydrilla and (ns)	May 50
Hyacinth Control Society, Record Meeting (cr)	Sept. 30
Hyde, Robert W., Patents Hydrionic Method for Controlling Weeds (fa)	Oct. 14
Hydrilla, Cattle Thrive on Hyacinth and (ns)	May 50
Hydrilla Seen as Florida's New No. 1 Pest (ns)	Oct. 37
Hydrionic Method, for Controlling Weeds In Running Water (fa)	Oct. 14
Hypro Sales Seminar (cr)	Dec. 64

I

Ickes, R. W. Elected President of Aerial Application Corp. (ns)	Mar. 15
Industrial, Urban, Weed Control, How Allied Biological Control Approaches Problems (fa)	Sept. 16

Industry Growth, Costs, Quality, Seed Supplies at ASPA (cr)	Sept. 24
Inflation, Prepare For More (fa) by David L. Markstein	July 12
International Harvester Eye New Machines in Broadened Industrial Line (ns)	June 36
International Harvester Sees More Lawn Tractors in 1970 (ns)	Jan. 42
International Shade Tree Conference Agenda Announced (cr)	July 26
International Shade Tree Conference, 46th Annual (cr)	Oct. 26
International Shade Tree Conference, Western Chapter, 37th Annual (cr)	July 36
Iowa Aerial Applicators Elect Theobald President (cr)	Mar. 53
Iowa State University Formulation Allows Zero-Degree Spraying (ns)	Apr. 32
Iowa State Univ. Receives Check For Research From GCSA (ns)	Feb. 29
Irrigation, Beauty, Upkeep, Status Push Turf (fa) by A. Brown	Mar. 26
Irrigation by Computer? (fa) by Ted Woehrle	Mar. 18
Irrigation Cover Impressive (L)	June 8
Irrigation Ditch Weed Control (fa)	Oct. 16
(Irrigation), Golf Course: 8 Good Ideas (fa)	Mar. 20
Irrigation, Large-Area, Turbo-Rain Gives 24-Hour Unattended (fa) by Edward G. Dickson	Mar. 22
(Irrigation Systems), Minimum Installation Specifications for Turf Sprinkler (fa)	Mar. 11
Irrigation, What's Going On Underground (fa)	Oct. 18

J

Jacobsen and Nunes Merger (ns)	Nov. 32
--------------------------------	---------

K

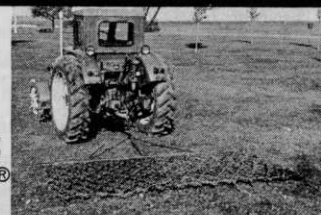
KDM, Dave Petersen Form Company (ns)	Sept. 31
Kentucky Bluegrass; Turfgrass Par Excellence (fa) by Dr. Robert W. Schery	Jan. 6
Knaack Mfg. Co. Buys Weatherguard Chest (ns)	Oct. 37

L

Labor, Texans Hear Principles of Management (cr)	Feb. 40
Lake, Total Management (fa) by Norman J. Schein	June 18
Land of the Tree Giants (fa) by Grover Brinkman	Jan. 28
Landscape, A Suggested Maintenance Contract (fa)	Feb. 38
Landscape, Best in, During 1970 (ns)	Dec. 18
Landscape Contractors of America, New Officers (ns)	Mar. 50
Landscape Council Folds (ns)	Feb. 39

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Landscape Maintenance Group Formed in Minnesota	Nov. 24
Landscapers, Inc. Merge With Pied Pipers, Inc. (ns)	Mar. 51
Landscaping, NLA Reveals Award Program for Residential (ns)	May 36
Landscape Nurserymen Association, New Offers (ns)	Mar. 52
Landscaping, Stepchild of, Maintenance (fa) by Ray Gustin, Jr.	Aug. 16
(Landscaping), Take a Ride on Interstate 00 (fa)	Dec. 6
Landscaping With a Mercedes-Benz (fa)	Nov. 12
Laser Attack on Aquatic Weeds (ns)	Nov. 10
(Lawn), A Perfect Lawn the Easy Way (br)	Dec. 70
Lawn and Turf Conference, 11th (cr)	Jan. 18
by Paul N. Voykin	Jan. 18
(Lawngrasses), Washington Seed Quality Law Likely Sod Industry Standard (fa)	Sept. 28
Lederer, Robert F., Receives Award (ns)	Jan. 39
(Legislation), Will It Be a Year of Throwing Out the Baby With the Wash? (fa) by Jim Mills	Dec. 10

M

Maintenance, A Suggested Landscape Contract (fa)	Feb. 38
(Maintenance), Beauty, Upkeep, Status Push Turf Irrigation (fa) by A. Brown	Mar. 26
(Maintenance), Greenbelt Communities, How to Avoid Headaches (fa) by Lou Speer	June 30
Maintenance: Stepchild of Landscaping (fa) Ray Gustin, Jr.	Aug. 16
(Maintenance), Take a Ride on Interstate 00 (fa)	Dec. 6
Maintenance, TurboTrim, Right-of-Way With Chemicals (fa) by Gene Ingalsbe	July 6
March, He Liked (L)	May 10
Markstein's More Like (L)	Oct. 20
M-B Company Now Owns the Fitchburg Chipper (ns)	Aug. 40
Mecoprop, Try These Tips On Using Dicamba and (fa)	Feb. 27
Melnor Industries, Turf Irrigation Merger (ns)	Sept. 23
Mercedes-Benz, Landscaping With a (fa)	Nov. 12
Michigan 40th Turf Conference (cr)	Mar. 36
Michigan State Univ., Study Evaluates Protective Turf Covers (ns)	Jan. 39
Missouri Valley Turfgrass Association Presents Check to UMC for Turfgrass Research (ns)	Feb. 40
Missouri Valley Turfgrass Assn. Award (cr)	Dec. 70
3M Company Announces Aquatic Weed Service (ns)	June 16
Morbark-Big Tree Chippers (fa)	Oct. 8
Mountain, Oregonian 'Seeding' Each State's Tallest (ns)	May 46
Municipal Arborists Annual Meeting (cr)	Nov. 22
Musician Hauls Sod by Train (ns)	Oct. 24
Myers, 100th Anniversary (fa)	July 28

N

NASA Plans High Recon of Minnesota Forests (ns)	Feb. 35
National Landscape Association Reveals Award Program for Residential Landscaping (ns)	May 36
National Lawn and Garden Week: March, April, May (ns)	Mar. 50
NCR Country Club, Turf Management by Ear (fa)	Jan. 16
Needed Accessory for Lawnmakers — Backup Lights (ed)	Aug. 4
New England ISTC List December Conference Topics (ns)	Nov. 32
Niagra Chemical Forms Industrial Sales Dept. (ns)	Mar. 51
Nickel, Harold R., Tree Industry Outlook (fa)	eDec. 14
Nitrate Reductase, Stops Growth of Bentgrass on Hot Day (ns)	Oct. 19
Northeastern Weed Control Conference, Broadcast Good Side of Herbicide Story (cr)	Feb. 30
Northeastern Weed Control Conference, New Officers (cr)	Feb. 32
Northwest Pesticide Group Testing Federal DDT Noose: Spraymen Sue (cr)	Nov. 9
N-Triple-A Fly-In, Third Annual (cr)	Jan. 30
Nunes and Jacobsen Merge Turfgrass Nurseries (ns)	Nov. 32
Nurseryman Digs Trench With Power Saw (ns)	Mar. 48
Nurserymen Hear Progress of Government Research (cr)	Sept. 32

O

Oak, Davey Tree Cares For Lincoln (ns)	Feb. 34
October Issue Exemplary (L)	Feb. 41
Ohio Turfgrass Conference — A Big Turf Show and What Goes On (cr)	Jan. 8
Ohio Turfgrass Foundation Awards OSU Grant For Turfgrass Research (ns)	Dec. 63
Ohio Turfgrass Foundation, Officers (cr)	Jan. 14
Optimism and Concern, Tree Industry Outlook (fa)	Dec. 14
Oregon Specialists Form Turf-Seed, Inc. (ns)	Oct. 24

P

Pacific Northwest Pesticide Applicators Association Annual Spray-O-Rama (cr)	Nov. 9
People Who Really Get the Job Done, The (ed)	July 4
Perlite Is Carrier In New Bulk-Blend Fertilizer Process (fa)	Jan. 20
Pest Handbook Offer (L)	Feb. 41
Petroleum Industry, Weed Control Costs In Long-Season Areas (fa) by Turney J. Hernandez	Feb. 12
Pesticide Articles Commended (L)	June 8
Pesticide Container Disposal . . . A Look At Burning (fa)	Apr. 14
(Pesticide), Dow Cites 2,4,5-T Impurity As Cause of Birth Defects (ns)	May 53
(Pesticide), Florida Group Backs Up On Sodium Arsenite Ban (ns)	Sept. 22
(Pesticide), Inaccuracies in 2,4,5-T Article (L)	June 8
Pesticide Laws (fa)	Apr. 10
(Pesticide), New Chemical Increases Residual Power (ns)	Jan. 42
Pesticide Outlook, Will It Be a Year of Throwing Out the Baby With the Wash? (fa) by Jim Mills	Dec. 10
Pesticide Research, \$600,000 Grant Awarded By Rockefeller Foundation (ns)	Mar. 51
(Pesticide), That Frightful Imaginary Danger (ed)	Jan. 4
(Pesticide), World Symposium Set At MSU For Feb. 25-27 (ns)	Feb. 28

(Pesticides), Conspiracy of Ignorance (ed)	Feb. 4
Pesticides, Leading Conservationist Back Use (ns)	Oct. 24
Pesticides or Suicide? Perhaps, the Way We Talk (ed)	Mar. 8
Pesticides, Six DDT Manufacturers Contest USDA's Ban (Pesticides), USDA Bans DDT In Four Categories (ns)	Jan. 21
Petersen, Dave, Forms KDM Company (ns)	Sept. 31
Picture, Can See Big (L)	May 10
Pied Pipers, Inc., Merge With Landscapers, Inc. (ns)	Mar. 51
Pine, Fast-Growing, Salt-Tolerant Shows Promise at MSU (ns)	Mar. 34
Pine, Ponderosa Damage in California (L)	Feb. 41
Plant Site, Weed Control Cost in Long-Season Areas (fa) by Turney J. Hernandez	Feb. 14
Poa Anua, Whitmarsh Gives Heave-Ho (fa) by Phil Lance	Aug. 26
(Pollution), That Frightful Imaginary Danger (ed)	Jan. 70
Pollution, Tree Odor May Help Solve Air (ns)	Mar. 24
(Pollution), Where There's Smoke There's Fire of Protest (fa) by Thorne B. Gray	Mar. 32
(Population), Green Survival and the Population Problem (ed)	Dec. 4
Pond, An Easy Way to Keep Free of Algae (fa)	Aug. 28
Precision Spraying, Applicator Tells How To Make a Profit (fa) by Robert G. Wright	Feb. 16
Production, How Do Your Costs Measure Up? (fa) by Donald D. Juchartz	Oct. 22
(Profit), Applicator Tells How (fa) by Robert G. Wright	Feb. 16
Public Service, There's More Than Power In Arizona (fa)	May 12
Purr-Wick, Turf Successes With, Midwest Region Turf Conference Report (cr)	Apr. 34

Q

Quality, Costs, Seed Supplies, Industry Growth, ASPA Conference (cr)	Sept. 24
----------------------------------------------------------------------	----------

R

Rae, William A., Tree Industry Outlook (fa)	Dec. 14
Railroads, Weed Control Costs in Long-Season Areas (fa) by Turney J. Hernandez	Feb. 11
Real Estate Appraiser, Arborist Working Closer (ns)	June 33
Researchers, Better Data Evaluation Needed: Weed Science of America 10th Annual Meeting (cr)	Mar. 44
Research, Nurserymen Hear Progress of Government (cr)	Sept. 32
Research Support, Appreciates (L)	Feb. 41
Rights-of-Way, Crownvetch (fa)	Sept. 6

S

(Safety), Accidents and Fires, How Much Profit Are You Losing? (fa) by J. L. Shopen	Sept. 12
(Safety), Aerial Applicators See Increased Safety Indispensable in 70s (cr)	Jan. 30
(Safety), Bucket Operator Rescue (fa)	Aug. 14
Safety Test & Equipment Co., Buys Wood/Chuck (ns)	Aug. 40
(Safety), That Frightful Imaginary Danger (ed)	Jan. 4
Sand/Bark Greens and Tees (fa)	Feb. 24
Sawdust into Sawbucks by Furniture Firm (ns)	Oct. 34
'Seeding,' Oregonian, Each State's Tallest Mountain (ns)	May 46
Seed Specifications, Midwest Sod Growers Set Soil and (ns)	Mar. 48
Seed Supplies, Industry, Growth, Quality, Costs at ASPA Conference (cr)	Sept. 24
Seven Important Steps to Prescription Brush Control (fa) by Hyland R. Johns	May 22
Sevin With One Blow Kills Lawn-Devastating Trio (ns)	June 34
Shady Grove Plantation and Nursery (fa) by Bill Gentry	July 16
Smithco, Inc., Buys Thuron Line of Spray Equipment (ns)	Nov. 26
Sodding, Soil Preparation and — Guideline Specifications (fa)	Apr. 30
Sod Growers, Midwest Set Soil and Seed Specifications (ns)	Mar. 48
Sod Heating Damage Cut by Close Mowing (ns)	Oct. 25
(Sod), How Cal-Turf Moves (fa)	Aug. 30
(Sod), How Do Your Production Costs Measure Up? (fa) by Donald D. Juchartz	Oct. 22
(Sod), I'll Tell You How We Started a Zoysia Nursery (fa) by William M. Latta	Jan. 34
Sod Industry, 2nd National Sod Survey (fa)	Nov. 17
Sod Producers' Meeting of the Year is July 28-30 (cr)	July 20
(Sod), Tell 'em How to Grow Your Sod (fa) by Gene Ingalsbe	Feb. 26
(Sod Webworm), Sevin With One Blow Kills Lawn-Devastating Trio (ns)	June 34
Sod, Your Reputation as Grower Goes With Handler of (fa)	Mar. 39
Sodium Arsenite, Florida Pesticide Group Backs Up On (ns)	Sept. 22
Soil Preparation and Sodding, Guideline Specifications (fa)	Apr. 30
Soil Specifications, Midwest Sod Growers Set Seed and (ns)	Mar. 48
Soil Temperature Effects on Plants, Ohio Turfgrass Conference (cr)	Jan. 11
Southern Weed Science Society Report: Look at Weeds as Pest Haven (cr)	Mar. 40
(Spraying), ISU Formulation Allows Zero-Degree (ns)	Apr. 32
Spraymen Sue, Northwest Pesticide Group Testing Federal DDT Noose (cr)	Nov. 9
Sprinklers, Underground, High On Homeowners Want List (fa)	May 17
Spruce, Hybrid, Developed At MSU (ns)	Apr. 41
Striped Smut Control Grants Go to Pennsylvania (ns)	Oct. 24
Stauffer Chemical To Move From NYC to Conn. (ns)	Feb. 41
St. Augustine Decline, Texas A&M Reports Research Progress (ns)	Jan. 41
Suppliers Guide and Equipment Directory (fa)	Dec. 21
Survey, Vocational Horticulture Training Published (ns)	Feb. 42
Systemics Not Cure-Alls, Says New Mexico's Durkin (ns)	July 34

T

	Issue Pg.
Texas A&M Reports Research Progress On "SAD"	Jan. 41
Texas Turf Irrigation Association Awards ns)	Dec. 69
Texas Weed Conference, Factors Affecting Weed Control (cr)	Dec. 60
Texans Hear Principles of Labor Management (cr)	Feb. 40
Thatch, Successful Program (L)	May 10
Thatch, What a Maryland Agronomist Recommends (fa)	May 48
Thistle Down Turned into a Football Field (fa)	May 26
Thuron Sprayer Mfg. Co. Sold to Smithco, Inc. (ns)	Nov. 26
Toro Enters Hydro-Mulching; Posts 6th Straight Top Year	Nov. 33
Toro Expanding Again (ns)	May 49
(Tractors), IH See More Lawn Tractors in 1970 (ns)	Jan. 42
Tree, Big Chippers, Problem-Solving Money Makers (fa)	Oct. 8
Tree Care Faces Increasing Obstacles: ISTC 46th Annual (cr)	Oct. 26
(Tree Care), Firm Specializes in Tree Care Only, Norman V. Holmes, Inc. (fa) by Phil Lance	May 18
Tree Care, More Funds For, Municipal Arborists Survey Reveals fa)	Dec. 16
Tree Damage Increasing From Salt Use On Highways (ns)	Feb. 35
Tree Industry Outlook, Optimism and Concern (fa)	Dec. 14
(Tree), It's Still Alive (fa) by Lou Speer	Nov. 14
(Tree), Land of the Giants (fa) By Grover Brinkman	Jan. 28
Tree-Planting, Container May Increase Quality (ns)	May 25
Tree Usage, Cities Cited for Poor (cr)	July 36
(Trees), Plant Hormone Boosts Seedling Growth (ns)	July 27
(Trees), The Tree Scene in Britain (fa) by W. E. Matthews	Aug. 20
(Trees), Valley Crest Tree Co. Transplant (ns)	Nov. 34
Trees, Your Interest in Building Public Interest in, (ed) Trimmings: San Francisco Turf Transplant; Artificial Turf-William Latta; Boy Scouts of Kenilworth, Ill.; Dutch Elm Disease at Defiance, Mo. (c)	Jan. 42
Trimmings: A Dead Tree; Here's a Postscript; At Least Two Side Benefits (c)	Feb. 42
Trimmings: The Popular Way; Suppose We Apply; Another Question (c)	Mar. 54
Trimmings: Florida Nurserymen; Sod Farming; The Sad Story; Missouri Cities; New Zealand (c)	Apr. 53
Trimmings: One by One; Jim Bunning; Arbor Day; Modesto High School; The St. Louis Arch (c)	May 54
Trimmings: Speaking of Trouble on Campus; Also on the College Scene; Forest Service Chief (c)	June 42
Trimmings: Orange Bowl Officials; Three Manufacturers; Emory C. Pope; Wisconsin Landscape Institute (c)	July 36
Trimmings: Manufacturers; A Tropical Beast; In France; Joe McDermott; Lester Asplundh (c)	Aug. 42
Trimmings—Michigan Tree Industry; Toronto; New Jersey; Oxygen; Another Way; Is Our Total Supply; What's the Difference; A Massive Aerial Re-Seeding (c)	Dec. 70
Trimmings: On a 90-Degree Day; More Legislation; Denver, Colo.; Tordon Is a Safe Herbicide (c)	Sept. 38
Trimmings: Steve Coffin Poem; Fred K. Buscher; The 10,000th Golf Course; One Acre of Grass (c)	Oct. 38
Trimmings: An Elm Tree; U.S. Forest Service; Helicopters; The Denver Post; Certain Species of Fish (c)	Nov. 34
Tuco Div., Upjohn Co., Help From Above for the Golf Course Superintendent (fa)	May 32
Tulsa Nurseries Organize ns)	Dec. 69
Turbo-Rain Gives 24-Hour Unattended Large-Area Irrigation (fa) by Edward G. Dickson	Mar. 22
TurboTrim, Right-of-Way Maintenance With Chemicals (fa) by Gene Ingalsbe	July 6
(Turfgrass Disease), Ohio Turfgrass Conf. (cr)	Jan. 11
(Turfgrass), Ill Tell You How We Started a Zoysia (fa)	Jan. 34
(Turfgrass), Kentucky Bluegrass; Turfgrass Par Excellence (fa) by Dr. Robert W. Schery	Jan. 6
(Turfgrass), Michigan 40th Turf Conference—Disease, Thatch, Pelletized Clippings, Sod Covers, Cicada Wasp, Sod Strength, European Turf (cr)	Mar. 36
Turfgrass Science, By the American Society of Agronomy (br)	Apr. 22
(Turfgrass), Texas A&M Reports Research Progress on "SAD" (ns)	Jan. 41
Turf, Irrigation, Melnor Industries Merger (ns)	Sept. 23
Turf Management by Ear (fa)	Jan. 16
(Turf), MSU Study Evaluates Protective Covers (ns)	Jan. 39
(Turf), Midwest Regional Conference (cr)	Apr. 34
(Turf), Minimum Installation Specifications For Turf Sprinkler Irrigation Systems (fa)	Mar. 11
Turf-Seed, Inc., Formed by Oregon Specialists (ns)	Oct. 24
Turf Successes With Turf-Wick, Midwest Regional Turf Conf. (cr)	Apr. 34
Turf, Help Offered for Athletic Fields (ns)	Sept. 29
Turf Varieties and Mixtures, Ohio Turfgrass Conference (cr)	Jan. 8
2,4,5-T, California Botanist Defends (L)	July 6
2,4,5-T, Dow Cites Impurity as Cause of Birth Defects (ns)	May 53
2,4,5-T, Globe, Ariz., Capar (ns)	Nov. 70
2,4,5-T, Inaccuracies in Article (L)	June 8
2,4,5-T, Incriminating Test Is Invalid (ns)	Mar. 52
2,4,5-T, Issue Phony, Say Weed Experts (ns)	Apr. 42
2,4,5-T, Some Contaminated, Most Test Okay, Says USDA (ns)	Nov. 32
2,4,5-T, Upon Checking Your Pulse and Ours (ed)	May 8

U

(Underground Sprinkler Systems), Beauty, Upkeep, Status Push Turf Irrigation (fa) by A. Brown	Mar. 26
Underground: What's Going On, Turf Irrigation and Fertilization (fa)	Oct. 18
USDA Bans DDT in Four Categories (ns)	Jan. 21
Upon Checking Your Pulse and Ours (ed)	May 8

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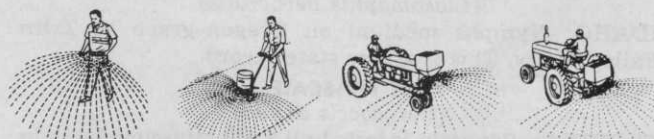
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Urban, Industrial Weed Control, How Allied Biological Control Approaches Problems (fa)	Sept. 16
Utilities' Rights-of-Way, Asplundh Grew Along Electric and Telephone (fa)	Aug. 8
Utility, Weed Control Cost in Long-Season Areas (fa) by Turney J Hernandez (fa)	Feb. 12

V

Vermeer-Big Tree Chippers (fa)	Oct. 8
Village Blacksmith Expands (ns)	Oct. 36
Virginia Turfgrass Council Re-Organizes (cr)	Apr. 33

W

Washington Seed Quality Law Likely Sod Industry Standard (fa)	Sept. 28
Water Pollution and Student Protest (ed)	June 4
Weather Guard Chest Bought By Knaack Mfg. Co. (ns)	Oct. 37
Weed Control, Factors Affecting (cr)	Dec. 20
(Weed Control), Here's An Estimate of Weed Control Cost In Long-Season Areas (fa) by Turney J. Hernandez	Feb. 10
Weed Control, Irrigation Ditch (fa)	Oct. 16
Weed Control, Hydrionic Method (fa)	Oct. 14
Weed Control Research: A Siberian Fish, A Latin Beetle (ns)	Feb. 33
Weed Control, Urban, Industrial, How Allied Weed Control, What's Best in Northwest Reported at Weed Meeting (cr)	Dec. 65
Biological Control Approaches Problem (fa) by Bill Gentry	Sept. 16
Weed Machine, Bill Colburn's (fa)	May 38
(Weeds, Broadleaf), Try These Tips On Using Dicamba and Mecoprop (fa)	Feb. 27
Weed Science Society of America 10th Annual Meeting (cr)	Mar. 44
Weeds, Aquatic & Bank, Research Techniques and Challenges Are Unique (fa) by F. L. Timmons	June 24
Weeds Are Losing the Ditchbanks In Louisiana War (fa)	Apr. 20
Weeds, Look at as Pest Haven, 23rd Annual Report of Southern Weed Science Society (cr)	Mar. 40
WEEDS TREES AND TURF, 2nd National Sod Survey (fa)	Nov. 17
WEEDS TREES AND TURF Surveys Costs of Golf Course Upkeep (fa)	Jan. 22
WTT Popularity Gaining (L)	Dec. 69
WTT, Used Some of Your Ideas (L)	Dec. 69
Weldon, Dr. Lyle (L)	July 38
Weldon, Dr. Lyle, Aquatic Weed Researcher Drowns (o)	Mar. 40
Weldon, Dr. Lyle W., In Memoriam (fa)	June 10
Whitmarsh Gives Poa Heave-Hoa (fa) by Phil Lance	Aug. 26
Wood Chips, Big Tree Chippers (fa)	Oct. 8

Z

(Zoysia), I'll Tell You How We Started A Nursery (fa) by William M. Latta	Jan. 34
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Brinkman, Grover "Land of the Tree Giants"	Jan. 28
Brown, A., "Beauty, Upkeep, Status, Push Turf Irrigation"	Mar. 26
Cortell, Jason M., "The Role of Herbicides"	June 12
Dickson, Edward G., "Large-Area Irrigation"	Mar. 22
Gentry, Bill, "Bill Colburn's Weed Machine"	May 38
Gentry, Bill, "Have Shady Grove — Will Travel"	July 16
Gray, Thorne, "2,4,5-T Issue Phoney, Say Weed Experts"	Apr. 42
Gray, Thorne B., "Where There's Smoke, There's Fire of Protest"	Mar. 32
Gustin, Jr., Ray, "Maintenance: Stepchild of Landscaping"	Aug. 16
Hambric, Robert N., "Beetle Eats Aquatic Weed"	Sept. 14
Hernandez, Turney J., "Here's An Estimate of Weed Control Costs In Long-Season Areas"	Feb. 10
Ingalsbe, Gene, Asplundh Tree Expert Co.	Aug. 8
Ingalsbe, Gene, "Tell 'Em How To Grow YOUR Sod"	Feb. 26
Ingalsbe, Gene, "TurboTrim, Right-of-Way Maintenance With Chemicals"	July 6
Johns, Hyland R., "Seven Important Steps To Prescription Brush Control"	May 22
Juchartz, Donald D., "How Do Your Production Costs Measure Up?"	Oct. 22
Lance, Phil, "Firm Specializes In Tree Care Only, Norman V. Holmes, Inc."	May 18
Lance, Phil, "Whitmarsh Give Poa Heave-Hoa"	Aug. 26
Latta, William M., I'll Tell You How We Started a Zoysia Nursery"	Jan. 34
Lederer, Robert F.	
Markstein, David L., "Prepare for More Inflation"	July 12
Matthews, W. E., "The Tree Scene In Britain"	Aug. 20
Meggitt, W. F., "Chemical Control For Creeping Speedwell" with A. J. Turgeon	July 22
Mills, Jim, "Pesticide Outlook, Will It Be a Year of Throwing Out the Baby With the Wash?"	Dec. 10
Saunders, J. L., "Cooley Spruce Gall Aphid; How to Control"	Jan. 27
Schein, Norman J., "Total Lake Management"	June 18
Schery, Dr. Robert W., "Kentucky Bluegrass: Turfgrass Par Excellence"	Jan. 6
Shopen, J. L., "Accidents and Fires, How Much Profit Are You Losing?"	June 30
Speer, Lou, "Greenbelt Communities"	Nov. 14
Speer, Lou, "It's Still Alive"	Nov. 14
Sorgatz, Ed, "Geigy Uses 'Maxi-Plot' To Introduce Herbicides"	Feb. 17
Taylor, Ross, "Black Mountain Tests Fertilizers and Bentgrasses"	Apr. 24
Timmons, F. L., "Aquatic & Bank Weeds, Research Techniques and Challenges Are Unique"	June 24
Turgeon, A. J., "Chemical Control For Creeping Speedwell" with W. F. Meggitt	July 22
Wright, Robert G., "How He Tries to Make a Profit"	Feb. 16
Woehrl, Ted, "Irrigation by Computer?"	Mar. 18

insect report



TURF INSECTS

FALL ARMYWORM

(*Spodoptera frugiperda*)

ALABAMA: Larval infestations reoccurring in scattered lawns and sports fields in Chilton and Henry counties.

A MARCH FLY

(*Dilophus orbatus*)

CALIFORNIA: Counts of 250 per square yard on dichondra lawns at Rialto, San Bernardino County; at Berkeley, Alameda County; and at Richmond; Contra Costa County. Many homeowners concerned about mass populations of flies entering premises. Unusually abundant this fall.

INSECTS OF ORNAMENTALS

A PYRALID MOTH

(*Hyblaea pueria*)

FLORIDA: Larvae infested all 300 plants of black calabash (*Crescentia* spp.) in nursery at Lauderdale Lakes, Broward County. This is a new host record.

AN APHID

(*Liosomaphis berberidis*)

IDAHO: Nymphs medium on Oregon-grape at Twin Falls County. This is a new state record.

A PIT SCALE

(*Cerococcis dekleyi*)

FLORIDA: Severely infested all 3,090 hibiscus plants in nursery at Miami, Dade County.

TREE INSECTS

DOUGLAS-FIR TUSSOCK MOTH

(*Hemerocampa pseudotsugata*)

CALIFORNIA: Extensive survey in El Dorado National Forest Oct. 5-9. Infestation light in about 30,000 acres of fir on Baltic Ridge, Plummer Ridge, Alder Ridge, and Iron Mountain, between U.S. Highway 50 and State Highway 88; mostly on Forest Service Lands. Heavy in spots on white fir on Plummer and Baltic Ridges, and Iron Mountain. No virus disease in pupae.

SMALLER EUROPEAN ELM BARK BEETLE

(*Scolytus multistriatus*)

MISSISSIPPI: Moderate on Chinese, American, and winged elms in Hinds County.

LYONETIID MOTHS

(*Bucculatrix* spp.)

MISSISSIPPI: Moderate to heavy on Nuttall oak in Sharkey County. MASSACHUSETTS: *B. ainsliella* (oak skeletonizer) larvae and pupae still causing many complaints statewide.

BLACK TURPENTINE BEETLE

(*Dendroctonus terebrans*)

MISSISSIPPI: Much damage in areas affected by Hurricane Camille, especially in coastal suburbs where heavy equipment removed debris. LOUISIANA: Heavy in large pole-sized loblolly pine in Catahoula District. SOUTH CAROLINA: Heavy infestation on 96,000-acre Sandhills State Forest.

VARIABLE OAK LEAF CATERPILLAR

(*Heterocampa Manteo*)

ARKANSAS: Larvae, mainly this species, secondarily *H. guttivitta* (saddled prominent), and other species, defoliated 2.5 million acres of hardwood. About 1.5 million acres had moderate to heavy defoliation. Oaks most heavily defoliated.