

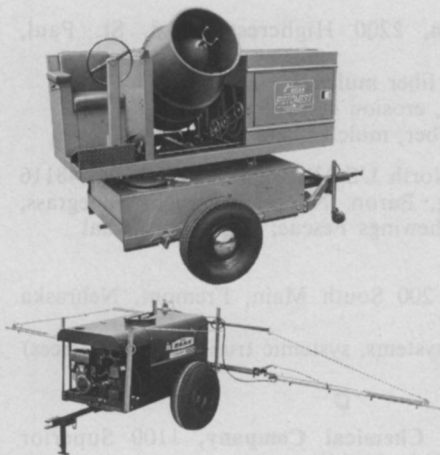
## The grass is always greener...and with good reason

Well-groomed grass and turf demands the best in continuing maintenance programs. Especially vital in the proper application of pesticides and fertilizers, is good spray equipment. BEAN® sprayers have proven their capabilities over 84 years of dependable service. The BEAN Rotomist®, for example, is a family of mist-type sprayers with virtually limitless application. Shade tree spraying, mosquito and other pest control and leaf wind-rowing, are only a few of the uses. Controlled air delivery is a trademark of all BEAN air sprayers. And, BEAN boom sprayers are designed specifically for turf

maintenance and are available in many models and tank sizes. When you add it all up — efficiency, versatility, dependability, and total performance — BEAN sprayers are the best insurance you can have to keep your side of the fence greener this year. Call your FMC representative for a demonstration today, or contact:

FMC Corporation  
Agricultural Machinery Division  
Jonesboro, Arkansas 72401

**FMC** Environmental  
Equipment



For More Details Circle (153) on Reply Card

Dylox® 80% WP and LS, insecticide  
 Guthion® WP and SC, insecticide  
 Dexon®, fungicide  
 Baytex®, insecticide  
 Di-Syston®, insecticide  
 Metasystox®-R, insecticide  
 Nemacur®, nematicide

Chevron Chemical Co., 200 Bush St., San Francisco, Calif. 94120

Monitor 4 dimethyl phosphoramidothioate, insecticide  
 Dibrom 8 EC naled, insecticide  
 Diquat diquat dibromide, herbicide, aquatic  
 Paraquat CL paraquat dichloride, herbicide, contact  
 Difolatan 4 flowable (difolatan), fungicide, broad spectrum  
 Isotox, insecticide  
 Orthocide (captan products), fungicide, broad spectrum  
 Volik Supreme (oil), insecticide, miticide

Chipman Div., Rhodia, Inc., 23 Belmont Dr., Somerset, N.J. 08873

Chip-Cal tri-calcium arsenate, herbicide, preemergent  
 Chipco Turf Herbicide MCPP, herbicide, postemergent  
 Chipco Turf Kleen herbicide, postemergent  
 Chipco Turf Herbicide D, herbicide, postemergent  
 Chipco Spot Kleen, dimethyl, thiophanate, fungicide  
 Chipco Microgreen, fertilizer, liquid  
 Sup'R-Flo maneb, fungicide, flowable  
 Chipco Buctril, herbicide, postemergent  
 Chiptox, MCPA, herbicide, postemergent  
 Chipco Spreader-Activator, non-ionic spray adjuvant  
 Chipco Thiram 75, fungicide, wettable powder

Ciba-Geigy Corporation, Agricultural Div., P.O. Box 11422, Greensboro, N.C. 27409

AAtrex® 80W, atrazine, herbicide, turf for sod produc-

tion, noncrop land, pre- and postemergence  
 Atratul® 8P, atrazine, sodium chlorate, sodium metaborate, herbicide, nonselective, bareground, pre- and postemergence  
 Atratul® 80W, atrazine, herbicide, nonselective, bareground, pre- and postemergence  
 Diazinon®, diazinon, insecticide, lawns, ornamentals  
 Pramitol® 5PS, prometone, simazine, sodium chlorate, sodium metaborate, herbicide, bareground, noncrop land, pre- or postemergence  
 Pramitol® 25E, prometone, herbicide, bareground, noncrop land, pre- or postemergence  
 Princep® 4G, simazine, herbicide, nurseries, Christmas tree plantings, shelter belts; nonselective for noncrop land, preemergence  
 Princep® 80W, simazine, herbicide, grasses grown for seed (Pacific N.W.); nurseries, turf grass for sod; nonselective for noncrop land, preemergence  
 Sarolex®, Diazinon, nematicide, insecticide, turf  
 Sequestrene®, chelated micronutrients, ornamentals, turf

W. A. Cleary Corp., P.O. Box 10, 1049 Somerset St., Somerset, N.J. 08873

Cleary's 3336™, fungicide, systemic  
 Bromosan™, fungicide, systemic and contact fungicide  
 PMAS 10%, fungicide and herbicide  
 Caddy, fungicide  
 Spotrete, fungicide  
 Cad-Trete, fungicide  
 MCPP + 2,4-D, herbicide, postemergent  
 Methar 30 and 80 (DMSA), herbicide, contact 30% and 80%  
 Super Methar, herbicide  
 Cleary's AMA + 2,4-D, herbicide, selective, post-emergent  
 Tru-Green, trace element, liquid chelating agent  
 Greenzit, colorant (turf and tree)  
 Allwet, wetting agent, non-ionic  
 Clearspray, anti-transpirant  
 Bromosan Fungicide, (combination of systemic plus contact fungicides)  
 MCPP, herbicide

Colloidal Products Corporation, P.O. Box 621, Petaluma, Calif. 94952

Bio-Film®, spreader, sticker  
 Buffer-X®, spreader, activator, buffer  
 Compex®, compatibility agent for liquid fertilizers  
 Fomex®, foaming spray adjuvant and spreaderactivator for herbicide sprays  
 Multi-Film L, water dispersible spreader-activator  
 Multi-Film X-77, non-ionic spreader-activator  
 Nu-Trex, spreader-nutrient-buffer  
 Regulaid, spreader-activator for growth regulator sprays  
 Solvaid, spreader-stabilizer for oil sprays  
 Tronic, spreader-activator

Conwed Corporation, 2200 Highcrest Road, St. Paul, Minnesota 55113

Conwed Mulch, fiber mulch  
 Conwed Netting, erosion control netting  
 Hydro-Mulch Fiber, mulch fibers

Cowbell Seeds, 380 North US-23, Brighton, Michigan 48116  
 Merion, Fylking, Baron, Nugget Kentucky Bluegrass;  
 Winter Green Chewings Fescue; Norlea Perennial Ryegrass, seeds

Creative Sales, Inc., 200 South Main, Fremont, Nebraska 68025

Medicaps® tree systems, systemic trunk implants (trees)

D

Diamond Shamrock Chemical Company, 1100 Superior Avenue, Cleveland, Ohio 44114

NEW! NEW! NEW! NEW!

## IRON MEDICAPS

The Fast, Easy Way to Treat  
**CHLOROSIS**  
 On Pin Oak and other Trees

Leading university researchers confirm effectiveness of Iron Medicaps in treating Chlorosis. Nothing else works as fast or gives the lasting control that Medicaps provide.

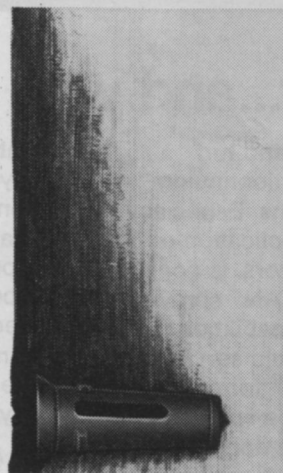
Medicaps are inserted into small injection holes in the tree trunk. Chemicals are released directly into the sap stream from the Medicap. The tapered head of the Medicap seals the hole, promotes healing. It takes only 3 Medicaps and less than 10 minutes to treat a 5-inch diameter tree . . . and most trees show improvement in 3 weeks or less.

GOES RIGHT TO THE PROBLEM

TREE SYSTEMS®

# MEDICAPS

CREATIVE SALES INC.  
 200 South Main, Fremont, Nebraska 68025  
 Telephone (402) 727-4800





Dacamine® herbicide  
 Dacthal® herbicide  
 DSMA herbicide  
 Daconate® herbicide  
 2,4-D herbicide  
 2,4,5-T herbicide  
 Silvex® 2,4-D, herbicide  
 Daconil 2787®, fungicide

J. J. Dill Co., P.O. Box 788, Kalamazoo, Mich. 49005  
 D-Lete, herbicide, bareground, liquid and granular  
 Kleen Turf, herbicide, selective, broad-leaved plants

**The C. B. Dolge Company**, 11 Ferry Lane West, Westport, Connecticut 06880

Tote-Weed Killer, herbicide, bareground  
 Penetrate, soil conditioner  
 Lake Dye, non toxic dye for water  
 Solexto, insecticide, turf  
 EWT Plus, herbicide, selective MCPP plus 2,4-D  
 Boost, solvent detergent cleaner

**Dow Chemical USA**, P.O. Box 1706, Midland, Michigan 48640

Formula 40, herbicide  
 DMA-40, herbicide  
 Dowpon®, herbicide, non-selective  
 Dowfume® MC-2, fumigant  
 Dursban® 2E, insecticide  
 Fumazone® 86, fumigant  
 Zectran® 2E, insecticide  
 Dow General Weed Killer, herbicide  
 Esteron®, herbicide  
 Kuron®, herbicide  
 Premerge®, herbicide

**E. I. Du Pont de Nemours & Co., Inc.**, 1007 Market St., Wilmington, Del. 19898

Hyvar® X bromacil weed killer, Hyvar® X-L, (liquid) bareground

Krovar® I, weed killer, bareground  
 Karmex® diuron weed killer, bareground, preemergence  
 Ammate® X weed and brush killer, contact  
 Tersan® LSR, turf fungicide  
 Tersan® 1991, turf fungicide  
 Tersan® SP, turf fungicide  
 Tersan® 75 Thiram Fungicide  
 Benlate® benomyl fungicide, fungicide, Dutch Elm disease aid  
 Tupersan® siduron, herbicide, preemergent, for crabgrass

## E

**Elanco Products Company**, P.O. Box 1750, Indianapolis, Indiana 46206

Balan® benefin, herbicide, preemergent  
 Treflan® trifluralin, herbicide, preemergent  
 Dymid® diphenamid, herbicide, preemergent, liquid and granular  
 Parnon®, fungicide  
 Pipron®, fungicide, liquid concentrate  
 Arest®, growth regulator

Engelhard Minerals & Chemical Corp., Mineral & Chemicals Div., Menlo Park, Edison, N.J. 08817

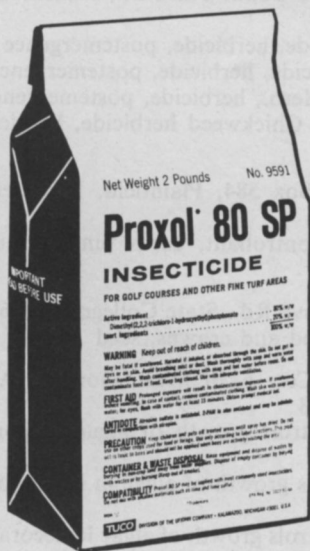
Granular Attapulugus® Clays, Attaclay® sorptive minerals used as conditioners for agricultural dusts and wettable powders

## F

**FMC Corporation**, Agricultural Chemical Division, 100 Niagara St., Middleport, New York 14105

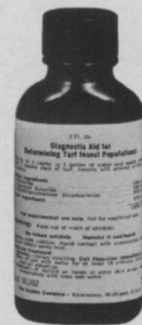
Tandex® karbutilate, herbicide, postemergent, bareground  
 DNBP, insecticide

# Take the guesswork out of turf insect control



## Diagnostic Aid from TUCO

Many turf insect larvae are night feeders, so the first evidence of their activity frequently is damaged turf. Diagnostic Aid, applied to turf as directed, causes insects to emerge to the surface within 10 minutes. They can be identified and counted to determine the level of infestation and whether an insecticide should be applied. It also can be used after insecticide application to measure the control obtained.



## Proxol\* 80 SP Insecticide from TUCO

Proxol is the one insecticide developed especially for use on fine turf and ornamentals. Sod webworms and cutworms are two major groups of turf insects controlled by Proxol. It is estimated that each sod webworm larva can chew up 20 square inches of turf in its average life span of 20 to 40 days; the cutworm larva can devour up to 36 square inches. With 300 to 500 larvae generated from each adult in a period of 10 to 21 days, it becomes apparent why early detection and control are desirable. Using Diagnostic Aid and Proxol together lets you program insect control.

\*Trademark

One bottle of Diagnostic Aid FREE in each case of Proxol 80 SP.



# TUCO

Division of The Upjohn Company, Kalamazoo, Michigan 49001

Lead arsenate, insecticide  
 Dalapon, herbicide  
 Dichlone, fungicide  
 Systox, insecticide  
 Tedion® tetradifon, miticide  
 Arsenical compounds, insecticide  
 DNOC, fungicide  
 Endosulfan, Thiodan®, insecticide  
 Guthion Azinphosmethyl, insecticide  
 Lindane, insecticide  
 Methyl Parathion, insecticide  
 Oils, insecticide, dormant and summer  
 Parathion, insecticide  
 Phorate Thimet, insecticide  
 Pyrethrins, insecticide  
 Pyrenone®, Synergized Pyrethrins, insecticide  
 Sevin carbaryl, insecticide  
 Sinox®, herbicide  
 Copper Sulfate, tri-basic, fungicide  
 Cyprex, fungicide  
 Ferbam, fungicide  
 Maneb, fungicide  
 Polyram®, fungicide  
 Sulfur, fungicide  
 Synthrin® resmethrin, insecticide  
 Tetralate® resmethrin + Neo Pynamin, insecticide  
 Thiram, fungicide  
 Zineb, fungicide  
 Ziram, fungicide

Faesy & Besthoff, Inc., 143 River Road, Edgewater, N. J. 07020

F & B Lawn & Turf Fungicide, granular, combo of Dyrene and maneb  
 F & B Aspon Chlordane, insecticide, broad spectrum granular and sprayable

F & B Eptam 2.3, herbicide, granular, preemergent  
 F & B Sevin carbaryl, insecticide, granular, flowable, dust and wettable powder for mulations

Ferguson Fumigants, Inc., 93 Ford Lane, Hazelwood, Missouri 63042

Zytox Gelled Soil Fumigant, gelled methylbromide

Ferry-Morse Seed Co., P.O. Box 100, 111 Ferry-Morse Way, Mountain View, California 94040

Turf and Lawn Seeds

**Ferti-Feeder, Inc.**, 2419 Easton Blvd., Des Moines, Iowa 50317

Ferti-Feed, tree food (localized food formulations)  
 Ferti-Sulf, soil ph adjustment  
 Ferti-Iron, iron chlorosis treatment

Floridin Company, 3 Penn Center, Pittsburgh, Pa. 15235

Florex attapulgit, granular clay carrier  
 Diluex attapulgit, powdered clay carrier  
 Min-U- Gel 200 attapulgit, suspending clay for fluid fertilizer

Foamspray Chemicals Inc., 10414 Harry Hines Boulevard, P.O. Box 20183 Dallas, Texas 75220

Foamspray®, drift reduction, foaming adjuvant, surfactant  
 OD 4™ Liquid Humus, growth aid  
 Foamspray® Nozzles & Handguns, spraying hardware, drift reduction  
 Microtil™ Soil Conditioner, soil conditioner, growth aid  
 Captan fungicide  
 Imidan 1E, insecticide  
 Heptachlor 10 Granular, insecticide  
 Malathion 57% E.C., insecticide  
 Toxaphene 10 Granulator, insecticide  
 Chlordane 72% E.C., insecticide  
 Sevin liquid, insecticide  
 Zectran 2E, insecticide  
 SS78 Spreader Sticker, spreader sticker, surfactant  
 Mix Aide 168, compatability aid  
 Spray Oil, insecticide

Freers Elm Arrester, P.O. Box 103, Muscatine, Iowa 52761

Freers Elm Arrester, fungicide  
 Freers Elm Arrester is injected into elm trees for the control of Dutch Elm disease. Evidence bears out that this also prevents root graft transmission.

**G**

**PBI-Gordon Corporation**, 300 South Third St., Kansas City, Kansas 66118

Trimec Fairway herbicide, herbicide, postemergence  
 Trimec Bentgrass herbicide, herbicide, postemergence  
 Trimec St. Augustine Herb., herbicide, postemergence  
 Trimec Dandelion and Chickweed herbicide, herbicide, postemergence

**Grass Growers, Inc.**, P.O. Box 584, Plainfield, New Jersey 07061

Terra Tack, erosion controllant, earth binder, mulch binder and straw tack

Grasslyn, Inc., 641 Pine Grove Rd., State College, Pa. 16801  
 Penngift crownvetch seed and crowns, seed

**Great Lakes Biochemical Co.**, 6120 West Douglas Ave., Milwaukee, Wisconsin 53218

Algimycin PLL-C, controls growth of algae in ponds, lakes and lagoons  
 Algimycin PLL, controls growth of algae in small ponds and fountains  
 Algimycin GLB-X, controls growth of algae in decorative fountains and ornamental ponds  
 Monofilm ERE, evaporation retardant for trees and turf and for use in transplanting.  
 Algae Shock, granular algicide, kills and prevents regrowth of algae in swimming pools.



**11  
 NEW  
 FEATURES**  
 make **HI-RANGER®**  
 even better!

Already No. 1, now HI-RANGER moves out far ahead with design features that give owners and operators the safest, most productive personnel towers for any overhead work. Get the facts. Send for your new "5F" Catalog today... you will appreciate what we can do for you.

HI-RANGER Aerial Towers meet the "American National Standard for Vehicle-Mounted Elevating and Rotating Work Platforms ANSI A92.2-1969," as required by the Williams-Steiger Occupational Safety and Health Act of 1970; Part 1910, Occupational Safety and Health Standards; Section 1910.67; Part 1926, Safety and Health Regulations for Construction; Sections 1926.451 (f), 1926.556, 1926.952 (b), and 1926.955 (e), as applicable.

**HI-RANGER**



MOBILE AERIAL TOWERS, INC. • Dept. N • 2314 BOWSER AVE. • FORT WAYNE, IND. 46803



# You don't have to cure something you have already prevented... 3336™ prevents 7 major diseases on tees, fairways and greens.

USE SYSTEMIC 3336 TO PREVENT ALL 7 MAJOR TURF DISEASES. 3336 CONTROLS AND PREVENTS SUCH DISEASES AS FUSARIUM ROSEUM, DOLLAR SPOT, RED THREAD, COPPER SPOT, HELMINTHOSPORIUM (LEAF SPOT), BROWN PATCH AND STRIPE SMUT.

There's no need to wait for the first signs of a disease to appear. That's the costly time to treat. With 3336 you'll need as little as one ounce per 1,000 sq. ft. This means you can cover large areas such as fairways and tees. . .and 3336 gives you up to 4 weeks control. On greens, weekly sprays during the disease incidence season has resulted in disease-free greens all season long.

Keep your turf out of the sick bed with a 3336 PREVENTION PROGRAM. You'll feel better too!

REMEMBER: Cleary's 3336 Turf Fungicide is non-phytotoxic, non-mercurial and systemic too.

Call your distributor today.

**W.A. CLEARY**  
CORPORATION  
1049 Somerset Street  
Somerset, N.J. 08873 (201) 247-8000  
"The Company that's Going Places"



Algimycin tabs, tableted algicide, kills and prevents regrowth of algae in swimming pools  
 Algimycin "aba", liquid algicide, kills and prevents regrowth of algae in swimming pools  
 Filter-Cleanse, filter cleaner for use in and around swimming pools  
 Sequa-Sol, stain protection for use in and around swimming pools  
 TLC, tile, liner and chrome cleaner for use in and around swimming pools  
 Hypo-Clean, prevents clogged feeder lines for use in and around swimming pools  
 Keep-N-Heet, retards evaporation, reduces water heat loss  
 Yardarm — cleaner/conditioner/sealer for metal and fiberglass walls and machinery  
 Algimycin PLL-C Slow Release Tablets, for control of algae in ponds and lakes

Great Lakes Chemical Corporation, P.O. Box 2200, Hwy. 52 N.W., West Lafayette, Indiana 47906

Brom-O-Sol, soil fungicide  
 Brom-O-Gas, soil fumigant  
 Soilbrom 40, nematicide  
 Soilbrom 85, nematicide  
 Soilbrom 90 E.C., nematicide  
 Chlor-O-Pic, insecticide fumigant  
 Terr-O-Cide 15, soil fumigant, multipurpose  
 Terr-O-Cide 15-D, soil fumigant, multipurpose  
 Terr-O-Cide 30, soil fumigant, multipurpose  
 Terr-O-Cide 30-D, soil fumigant, multipurpose  
 Terr-O-Gel 67, soil fumigant, controlled release  
 Terr-O-Gas 67, soil fumigant

Greenlife Products Company, Inc., P.O. Box 72, West Point, Virginia 23181

Pine bark soil conditioner, soil amendment  
 Pine bark mulch, for weed retarding, moisture holding, weather protection and soil improvement  
 Pine bark Deco nuggets, decorative bark  
 Cow manure, fertilizer 2-1-2  
 Top soil, soil improvement  
 Peat humus, soil improvement  
 Cyress Bark  
 Shredded Hardwood Bark  
 Western Decorative Bark

The Gregg Co., 1714 Bannard St., P.O. Box 149, Riverton, New Jersey 08077

Nu-Type Green Lawn Spray, latex emulsion, grass colorant concentrate for dormant grass

Gulf Oil Chemicals Co., 9009 West 67th Street, Merriam, Kansas 66202

Carbyne barban, herbicide (post)

Outfox (cyprazine), herbicide (post)  
 Protect, seed protectant

## H

**Hercules Incorporated**, 910 Market St., Wilmington, Delaware 19899

Nitroform®, fertilizer, slow-release ureaform  
 Powder Blue™, fertilizer, sprayable slow-release ureaform  
 Blue Chip®, fertilizer, slow-release ureaform for dry application

**Hydro-Turf**, P.O. Box 3, Elk Grove, Ill. 60007

Fertilizer  
 Erosion Control Chemicals  
 Hydro-Tack, erosion control agent  
 Liquid Fertilizer, fertilizer

## I

**International Minerals & Chemical Corp.**, IMC Plaza, Libertyville, Illinois 60048

Sul-Po-Mag, fertilizer (natural form of sulphate of potash, magnesium and sulphur)

**International Spike, Inc.**, 462 East High Street, Lexington, Ky. 40508

Jobe's Tree Food Spikes, 16-8-8 fertilizer

## J

**Jacklin Seed Co.**, Division Vaughan-Jacklin Corporation, E. 8803 Sprague Ave., Spokane, Washington 99213

Fylking Kentucky Bluegrass, turfgrass seeds  
 Merion Kentucky Bluegrass, turfgrass seeds  
 15 other Turfgrass Varieties, turfgrass seeds

Johns-Manville Corp., Box 290, 22 E. 40th St., New York, N.Y. 10016

Diatomite, soil conditioner

## K

KDM Co., P.O. Box 6814, San Antonio, Texas 78209

Spra-Mate emulsifier, application adjuvant for invert emulsions

**Kay-Fries Chemicals, Inc.**, Crop Protection Division, Stony Point, New York 10980

Exhalt™ 4-10 (Pinethylene™), anti-transpirant (Use to prevent winter damage on evergreens. Use also for all-season transplant of deciduous and evergreen trees and ornamentals).

Exhalt™ 800, sticker, extender (use as a sticker to assure immediate foliar sticking of pesticides and simultaneously as an activity extender to prevent removal of pesticides by rain, wind and volatilization).

Kennecott Copper Corp., P.O. Box 19232, 1055 Conrad Sauer, Houston, Texas 77024

K-Lox, algicide

Kidwell Turf Farms, Inc., Route 3, Box 16A, Culpeper, Va. 22701

Sod, cool season grasses, fescue mixtures and bluegrass blends

Warm season grasses, Meyer Z-52, Zoysia and hybrid Bermuda

## L

**Lakeshore Equipment & Supply**, 10237 Berea Road, Cleveland, Ohio 44102

Thiram, fungicide  
 Urea-formaldehyde, fertilizer  
 Lakeshore brand fertilizer, fertilizer

Lawn Medic Inc., 1024 Sibley Tower Bldg., Rochester, N.Y. 14604

**SHASTA**  
**NITROFORM\***  
 20-0-0 ORGANIC UREAFORM

**Northern California Fertilizer bags it!**

**NITROFORM\***  
 organic nitrogen

Applications can be programmed because of predictable performance.

Turf and Horticultural Products, Synthetics Dept.  
 Wilmington, Delaware 19899

HERCULES INCORPORATED



# THE TWO YEAR LIFE SUPPORT SYSTEM

## ... THE PILL



You can now provide a safe, simple, economical means to better growth and increased survival of landscape plants. Feed new or existing trees and shrubs with THE PILL, Agriform Planting Tablets 20-10-5. Each blue pill of concentrated, timed release fertilizer provides a two-year supply of nitrogen, phosphorous and potash, plus iron, calcium and sulfur, in a non-burning form.

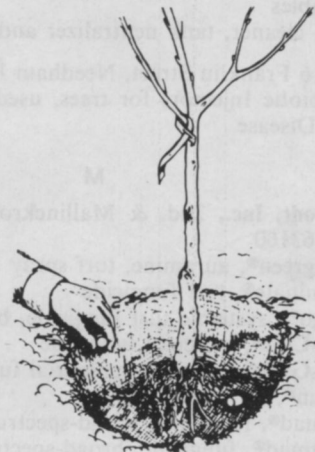
Compare the advantages of THE PILL over conventional fertilizers:

- **GREATER TIME & LABOR SAVING**—One planter can carry 100 PILLS in his apron pockets, and one application in the root zone LASTS TWO FULL YEARS!
- **GREATER ACCURACY**—No measuring or mixing with the backfill is required. The proper amounts of nutrients, properly balanced, are released at the proper times for optimum growth.
- **GREATER VERSATILITY**—The unique composition of these tablets meets the nutrient requirements of all species of landscape plants on virtually all soil types.
- **GREATER EFFICIENCY**—Loss of nutrients to leaching or fixation is minimal, even on sandy or problem soils.
- **GREATER ECONOMY**—In addition to saving time and labor, THE PILL costs you only about a nickel a year per new plant. For example...You can obtain cases of 500 of the 21-gram tablets at these delivered prices in the contiguous United States:

| NUMBER OF CASES | 1 to 7  | 8 to 15 | 16 to 31 | 32 to 79 | 80 to 159 |
|-----------------|---------|---------|----------|----------|-----------|
| *CASE PRICE     | \$29.00 | \$26.00 | \$23.00  | \$21.00  | \$19.50   |

\*Prices subject to change.

For specifications and directions plus prices on greater quantities, write us at our address below. Then join the thousands of landscape architects, contractors, nurserymen and arborists who have been specifying and using THE PILL for more than a decade.



**SIERRA CHEMICAL COMPANY**  
 37650 SYCAMORE ST., NEWARK, CALIFORNIA 94560  
 Manufacturers of long-lasting Osmocote®  
 and Agriform controlled release fertilizers.

For More Details Circle (130) on Reply Card

Dept. WTT 874



Total Organic, fertilizer, 38% urea-formaldehyde  
Soil Nutrient, fertilizer  
2,4-D + Silvex, herbicide, liquid  
Colorant  
Pre-Germ Grass, seed, artificial seed germinating process

Lebanon Chemical Corporation, P.O. Box 180, Lebanon, Penna. 17042

"Greenskeeper," weed control, insect control, pre-emerge products, with and without fertilizer, insecticide, herbicides, fungicides

"Greenskeeper," fertilizer (slow release)

Lethelin Products Co., Inc., 15 MacQuesten Parkway So., Mount Vernon, New York 10550

Borerkil (lindane), insecticide, kills borers in trees, shrubs and flowers

Lofts Pedigreed Seed, Inc., P.O. Box 146, Bound Brook, N.J. 08805

Baron Kentucky Bluegrass, seed  
Merion Kentucky Bluegrass, seed  
Jamestown Red Fescue, seed, a chewings type  
Exeter Colonial Bentgrass, seed  
Kingstown Velvet Bentgrass, seed  
Nugget, Pennstarr, Fylking, Kentucky Bluegrasses and Manhattan and Pennfine ryegrasses

Loveland Ind., Inc., 2307 W. 8th, P.O. Box 483, Loveland, Colo. 80537

Mo-Bait, filmer, adjuvant, attractant  
Flozine, suspending agent for wettable powders and flowables  
Tank cleaner, tank neutralizer and cleaner

Lowden, 16 Franklin Street, Needham Heights, Maine 02194  
Antibiotic Injectors for trees, used in control of Dutch Elm Disease

## M

Mallinckrodt, Inc., 2nd. & Mallinckrodt Streets, St. Louis, Missouri 63160

Auragreen®, auramine, turf spray indicator dye  
Cadminate®, turf fungicide  
Fungo™, systemic turf fungicide, broad-spectrum  
Calo-Chlor®, mercurial fungicide  
Calo-Gran®, granular mercurial fungicide  
Koban®, turf fungicide  
Kromad®, fungicide, broad-spectrum  
Thiramad®, fungicide, broad-spectrum  
Tobaz®, systemic fungicide  
Po-San®, herbicide, post emerg., Poa annua control for fairways  
Pre-San®, weedgrass herbicide, preemerg., Poa annua control and crabgrass

Trex-San™, broadleaf herbicide, broad-spectrum  
Trex-San®, Bent, broadleaf herbicide, broad spectrum, for bentgrass turf  
Vitalon®, Dark, turf colorant  
Spray-Hawk®, mobile turf sprayer

Manhattan Ryegrass Growers Assoc., P.O. Box 145, Hubbard, Oregon 97032

Manhattan Perennial Ryegrass, seed; medium textured turf with good shoot density and uniformity but having tough, fibrous vascular bundles in the leaves.

Masonite Corporation, 29 N. Wacker Drive, Chicago, Illinois 60606

Fibrex Root Insulator/Weeder, ¼ to ¾ pine bark impregnated with a bio-degradable, selective, pre-emergent herbicide.

J. J. Mauget Co., Inc., P.O. Box 3422, Burbank, Calif. 91504

Mauget, tree injection process  
Inject-A-Min, nutrients  
Inject-A-Cide, insecticides  
Mauget Capsules, fungicide, benomyl

Meinhardt Products Div., 2401 Gardner Rd., Broadview, Illinois 60153

Weed Out, herbicide, selective

Melthor Industries, Inc., 1212 W. 5th Street, Kansas City, Missouri 64101

Penncross Creeping Bentgrass, seed; fine textured, dense, uniform, high quality turf capable of being mowed closely.

Merck Chemical Division, 126 E. Lincoln Avenue, Rahway, New Jersey 07065

Mertect® 140-F, thiabendazole, fungicide, flowable  
Mertect® 160, thiabendazole, fungicide, wettable powder  
Mertect® 340-F, thiabendazole, fungicide, flowable  
Mertect® 360, thiabendazole, fungicide, wettable powder  
Mertect 240-F, thiabendazole, fungicide, flowable  
Mertect 260, thiabendazole, fungicide, wettable powder  
Hormodin®, indole-3-butyric acid, root inducing substance  
Gibrel® gibberellic acid, plant growth substance  
Agri-Strep, streptomycin formulation, control of certain plant diseases

Merion Bluegrass Association, 101 Park Ave., New York, N.Y. 10017

Merion Kentucky Bluegrass

Miller Chemical & Fertilizer Corporation, P.O. Box 333, Hanover, Penna. 17331

Nu-Film-17, sticker-extender  
Nu-Film-P, sticker-spreader  
Miller Aide, herbicide activator  
Vapor Gard, anti-transpirant

3M Company, New Business Ventures Division, 3M Center, St. Paul, Minn. 55101

System M (Mariner Brand), algaecide, WP, controls chara and filamentous algae  
System E (Mariner Brand), herbicide, endothall, pelleted, aquatic, (Fla. only)  
System A (Mariner Brand), algaecide, (aqueous solution of copper-triethanelamine complex) controls plankton and filamentous algae  
System C (Mariner Brand), algaecide, controlled release, encapsulated formulation of copper sulfate

Miracle Bark, Inc., P.O. Drawer O, Diboll, Texas 75941

Miracle Bark mulch  
Miracle Bark Soil Conditioner

Monsanto Company, 800 N. Lindbergh Bldg., St. Louis, Missouri 63166

Roundup, herbicide, bareground



**Midwest Toro bags it!**

**NITROFORM\***  
organic nitrogen

The high-quality economical organic nitrogen that's odorless too.

Turf and Horticultural Products, Synthetics Dept.  
Wilmington, Delaware 19899

\* Registered trademark of Hercules Incorporated. STH74-15

**HERCULES**  
INCORPORATED





Vibratory plow module on R65 vehicle.



VP12 self-contained vibratory plow.

## Make underground installations ***WITHOUT*** destroying your turf.

Digging ditches across expensively-landscaped lawns or golf courses can be bad business. Who wants to tear up the turf to make underground installations?

Ditch Witch has the answer. In many cases you don't have to trench — you can go underground without it with a Ditch Witch vibratory plow. Turf damage is kept to an absolute minimum; most of the time-consuming and costly restoration is eliminated. You can bury telephone and electric cable, gas and water lines quickly and easily without trenching. You can install a complete underground sprinkler system on a golf course without having to close the course!

Ditch Witch makes vibratory plow modules for all its Modular-matic vehicles. Or, there's the versatile 25-HP VP12, a self-contained vibra-

tory plow package.

If your job calls for main distribution lines, the same Modular-matic vehicle can handle that job, too — just replace the vibratory plow module with a digging module and you're ready to go.

Or, switch from trenching to plowing and back again instantly with a Ditch Witch Combo module, a vibratory plow and offset trenching assembly.

And you can outfit your basic vehicle for other jobs, too. Ditch Witch offers a versatile utility backhoe, a hydraulic boring unit and other money-saving attachments.

When your job calls for underground installation, and it's important to keep turf damage to a minimum, look to Ditch Witch — the leader in the underground equipment field.



A Division of

**CHARLES MACHINE WORKS, INC.** P.O. Box 66 Perry, Oklahoma 73077

A full line of equipment from 7-HP to 195-HP

For More Details Circle (128) on Reply Card



**N**

Nalco Chemical Co., 180 N. Michigan Avenue, Chicago, Illinois 60601

Nalkil Bromacil, herbicide, bareground, granular and liquid formulator  
 Nalkil weed killer, diuron, herbicide, granular formulator  
 Nalco-Trol, herbicide anti-drift agent, manufacturer

**Nugget (Pickseed West)**, Box 888, Tangent, Oregon 97389  
 Nugget, Kentucky Bluegrass

**Nursery Specialty Products Co.**, Div. J. A. Hartman Corp., 410 Greenwich Ave., Greenwich, Conn. 06830

Wilt Pruf NCF, antidesiccant (horticultural and agricultural)  
 Wilt-Pruf NCF, anti-desiccant, combats transplant shock, winterkill, pollution damage

**O**

Occidental Chemical Company, 4671 Southwest Freeway, Houston, Texas 77027

ZIPP Turf Food, fertilizer (slow release)  
 ZIPP Lawn Food, fertilizer (slow release)  
 OXY Lawn Food, fertilizer (slow release)  
 OXY 99, fertilizer (ammonium sulfate)  
 Best Lawn Food, fertilizer  
 Glytac (Ethylene Glycol Bis), herbicide (Non-selective)  
 Oxcyl (Sodium Chlorate, Sodium Metaborate tetrahydrate bromacil), herbicide (Non-selective)  
 Oxy MBC (Sodium Chlorate, Sodium metaborate tetrahydrate), herbicide (Non-selective)  
 Oxy BBC (1,2-Dibromo-3-chloropropane), nematicide

Oil-Dri Corporation of America, 520 North Michigan Ave., Chicago, Illinois 60611

Terra-Green, soil conditioner

**Olin Corporation**, P.O. Box 991, Little Rock, Arkansas 72203

Terraclor, fungicide (controls Rhizoctonia)  
 Terrazole, fungicide (controls Pythium)  
 Turfcide, fungicide (controls Brown Patch)

**Oregon Chewings & Creeping Red Fescue Commission**, 1349 Capitol St., N.E., Salem, Oregon 97303

Chewings and Creeping Red Fescue, seed

Oseco Limited, P.O. Box 219, Brampton, Ontario, Canada L6V2L2

Baron, Kentucky Bluegrass  
 Sydsport, Kentucky Bluegrass  
 Emerald, Creeping Bentgrass  
 Highlight, Chewing Fescue  
 Reptans, Creeping Red Fescue

**P**

Parco Products Co., Pottstown Ave. and Dotts St., Pottsburg, Pa. 18073

Super Drench, wetting agent

**Rudy Patrick Seed**, 52 Leslie Street, Buffalo, New York 14240  
 Seed Grower and processor, seed

S. B. Penick & Co., 100 Church St., New York, N.Y. 10007

Pyrethrins, insecticide  
 Rotenone, insecticide  
 Ryania, insecticide  
 Pyrethrum-Ryania, insecticide  
 Resmethrin (SBP-1382), insecticide  
 Pyrethrum-Ryania-Rotenone (Tri-Excel-DS), insecticide

**Pennfine/Pennstar**, Box 923, Minneapolis, Minnesota 55440

Seed, Kentucky Bluegrass  
 Seed, Fescue  
 Seed, Ryegrass

**Pennwalt Corporation**, Agchem-Decco Div., 1713 South California Ave., Monrovia, California 91016

Aquathol® endothall, herbicide, aquatic  
 Aquathol Plus® endothall and Silvex, herbicide, aquatic  
 Hydrothol® 47 endothall, herbicide, aquatic  
 Hydrothol® 191 endothall, herbicide, aquatic  
 Endothal Turf Herbicide, endothall, herbicide, turf  
 Pennamine D, herbicide, postemergent  
 Weed Blitz, herbicide, bareground

Phelps-Dodge Refining Corp., 300 Park Ave., New York, N.Y. 10022

Basic copper sulfate, fungicide  
 Copper Sulfate, fungicide and algicide

**Plants For You, R.R. 3, Urbana, Illinois 61801**

Crownvetch, pot-grown plants, Penngift or Emerald varieties

**Plant Marvel Laboratories**, 624 West 119th St., Chicago, Illinois 60628

Water-soluble fertilizers, fertilizers, quick foliar/root absorption  
 Liquid fertilizers, fertilizers, quick foliar/root absorption  
 Bent Special, Garden Marvel, Potash Special, Triple Twenty, Lawn Marvel

Premier Peat Moss Corp., 25 W. 45th St., New York, N.Y. 10036

Hi-Orgnite, peat humus, topsoil, potting soil  
 Spagmos, The 3-Way Mulch, bark mulch  
 Pep Pots, Pep Trays, Pep Strips  
 Pro-Mix, for house plants, african violet soil, house plant mulch, vermiculite, perlite, Bar-B-Q base  
 Pool Pillow, bark nuggets, mini nuggets, decorative bark, oil & grease absorbent  
 Better'n Manure, Pretty Kitty, lawn & garden loam, floral moss, cactus soil, terrarium soil, hanging basket soil, Premier organic compost, top dressing, Premier Organic 100, 100% organic plant foods, roses, bulbs, vegetables, tomatoes, flowers, trees, shrubs & evergreens, azaleas, rhododendrons & camelias

Prentiss Drug & Chemical Co., Inc., 363 7th Ave., New York, N.Y. 10001

Chlordane, insecticide  
 Pyrethrum, insecticide  
 Malathion, insecticide  
 Diazinon®, insecticide  
 Aerosol concentrates, insecticide  
 Warfarin, rodenticide  
 Rotenone, insecticide  
 Lindane, insecticide  
 Baygon®, insecticide  
 Dursban®, insecticide  
 DDVP, insecticide



**Rockland bags it!**

**NITROFORM\***  
 organic nitrogen

The nondusting, odorless, pathogen-free organic nitrogen that is ideal for home lawns, too.

Turf and Horticultural Products, Synthetics Dept.  
 Wilmington, Delaware 19899

\*Registered trademark of Hercules Incorporated. STH74-21

**HERCULES**  
 INCORPORATED