

# Glade excels in shade and sun.



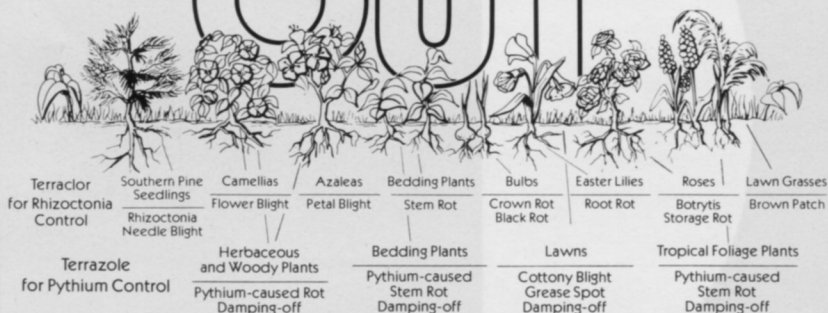
**Glade** KENTUCKY  
**Glade** BLUEGRASS  
U.S. Plant Patent 3151

Another fine, quality-controlled product of Jacklin Seed Company.

Glade leads the pack for excellent all-around performance: consistent color and density in both sun and up to 60% shade, and improved resistance to powdery mildew. Better Fusarium blight resistance makes it a prime ingredient in today's professional turfgrass mixes. Glade blends well with fine-leaved fescues, ryegrasses and other elite bluegrasses.

Glade is your guarantee of physically pure, genetically true seeds. Get the big "G" — Glade Kentucky bluegrass at your local wholesale seed distributor.

# AW, CUT IT OUT



## For more information on how to cut out fungi diseases in turf and ornamentals.

Your turf and ornamentals need moisture to survive. However, wet weather brings out the worst in your soil. Fungi diseases like damping-off, blight and rot. Diseases that can stunt or weaken your plants.

Terraclor® and Terrazole® soil fungicides protect the value and beauty of your turf and ornamentals. Give you healthier, stronger plants, that are more beautiful.

Get Terraclor or Terrazole from your local chemical supplier. For more information cut out and mail the coupon.

Terraclor, Agricultural Department Olin  
P. O. Box 991, Little Rock, Arkansas 72203

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

Please send information on turf and ornamental disease control.

Caution: Read and follow label directions carefully.

**Terraclor®**

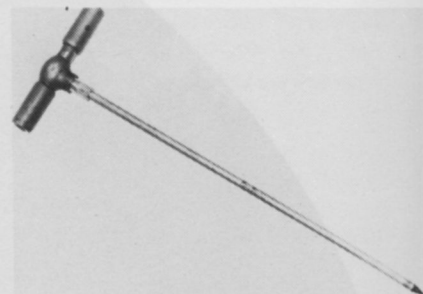
soil fungicide

Write 149 on reader service card



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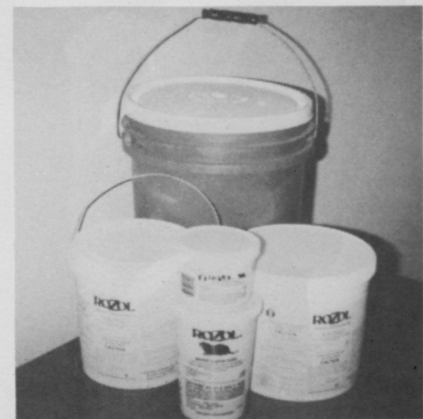
A worm-gear flow control on this invigorator makes for easy, one-hand regulation of liquid fertilizer. The worm-gear control prevents "water hammer" damage to the hose caused by



sudden shut-off. The removable, all-steel feeder rod penetrates to 31 inches. The rod is 7/16 inch inside diameter and is easily cleaned or replaced. The 7 pound, 4 ounce invigorator is heavy enough for fast penetration and light enough to avoid unnecessary fatigue. Bar-Spray, a division of Bar-Way Manufacturing Co., makes it.

Write No. 711 on reader service card

Baits for ground squirrels and pocket gophers are manufactured by Chem-par Chemical Company. RoZol®



(chlorophacinone) ground squirrel bait is a paraffinized pellet formulation for use in nurseries, on picnic grounds, and around homes. It has a California label for special applications. The pocket gopher bait is in coarse grain form and meant for farms, water districts, playgrounds, and backyards where gopher holes can be hazardous. This bait is placed in gopher tunnels with probes.

Write No. 712 on reader service card

Ten outdoor power equipment models introduced as Yard-Man's "Mustang" Series include two 3-hp, 20-inch

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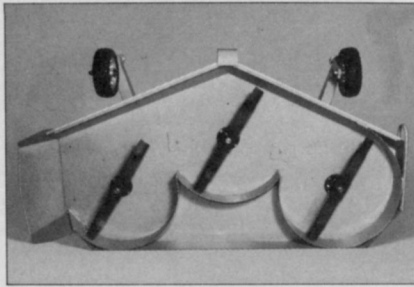
# Now, the Cushman Front Line offers a choice of decks. And a diesel.

We've taken a proven performer and made it work even harder. You already know the Front Line™ as an exceptional rotary turf mower. With the kind of common-sense engineering and durability you expect from Cushman.

Durability that comes from features like an 18 hp, air-cooled OMC gasoline engine. Single, rear-wheel steering and split, front-wheel traction assist pedals. Variable cutting heights. Hydraulic deck lift. Foot and parking brakes. Large-capacity fuel tank. Wheel-type steering, and more.

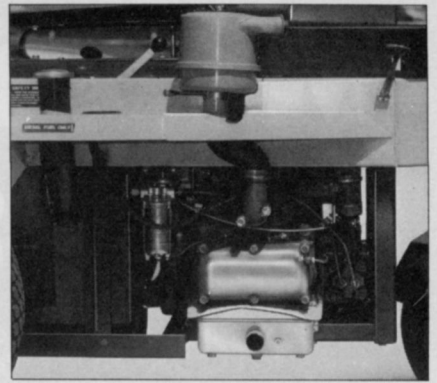
And now, optional decks, diesel power and specialized accessories make it even more productive.

In addition to the 72" mower deck, we now offer a 60" deck for smaller jobs. Both feature 12-gauge carbon steel construction, and are offset for close-up trimming.



For even greater economy and durability, the Front Line is now available with an optional water-cooled 4-cycle, 2-cylinder diesel engine.

And for year-round versatility, we've added hard-working optional accessories for the gas tractor. Like the new 60" chain-driven rotary broom. The roll-over protection structure and weatherproof cab set (also available for diesel). And the



new 48" snow thrower that can move up to 5,000 lbs. of snow per minute.

The Front Line. Tough enough to be a Cushman. Now versatile enough to pay off full time.

Call your Cushman dealer now for a demonstration. 81-CUT-3R

## CUSHMAN®

3032 Cushman, P.O. Box 82409  
Lincoln, NE 68501  
Call: 402/435-7208

# Front Line™



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# Moving forests?

When you've been building tree spades as long as Vermeer, you've moved several forests. Moved 'em. Packaged 'em. Replanted 'em. And, that's the way it should be. After all, Vermeer invented automated tree-moving and packaging nearly 15 years ago.

Today, it's the No. 1 selling tree spade in the world. With your choice of five different models, mounted on trailers, tractors or trucks. Plus, you've got all the

extras you'll ever need. Serrated spades. Cone or flat-bottom spades. Self-locking rear assemblies. Tap root extensions. You can even outfit them as complete landscaping machines with optional trencher, plow, backhoe, loader and dozer attachments. But, best of all, it's a one man machine. One man can do it all — from shrubs to giant 8-in. diameter trees. Hydraulically. In minutes. Instant shade. Instant beauty. See your local Vermeer dealer today.



**VERMEER TS-44A TREE SPADE:** Digs tree ball 44 inches in diameter, 40 inches deep. Hydraulic controls. Optional serrated spades. Hydraulic self-locking rear assembly. Spade extensions for tap roots. **FOR COMPLETE INFORMATION:** Call Toll-free (800) 247-2347. In Iowa call collect at (515) 628-3333.

Write 176 on reader service card

Get a taste of  
**Vermeer**  
**Quality**



THE DIGGIN'  
DUTCHMAN

8803 New Sharon Road • Pella, Iowa 50219



# IN 4 YEARS OF TESTING, NOTHING EVEN CAME CLOSE TO CHIPCO® RONSTAR® G FOR GOOSEGRASS CONTROL.\*

INTERVAL	CHIPCO® RONSTAR® G	BALAN	DACTHAL	BETASAN
101-150 days	94%	61%	45%	37%

The only turf care professionals who still think goosegrass is hard to control are the ones who haven't tried Chipco Ronstar G herbicide yet. The ones who have tried it will tell you it does a great job, even 200 days after application. And that it's effective against crabgrass and poa annua, too.

Got a goosegrass problem? Get the most effective, longest lasting pre-emergent goosegrass herbicide there is: Chipco Ronstar G. Rhône Poulenc Chemical Company Agro-chemical Division, Rhône Poulenc Inc. Monmouth Junction, New Jersey 08852.



RHÔNE-POULENC

Write 156 on reader service card

Please read label carefully, and use only as directed.



\*In field trials conducted from 1973 to 1977. • Balan is a registered trademark of Elanco Products Company • Dacthal is a registered trademark of Diamond Shamrock  
• Betasan is a registered trademark of Stauffer Chemical Co.

# Even if you don't own a John Deere tractor, you can still have John Deere behind you.

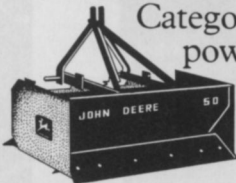
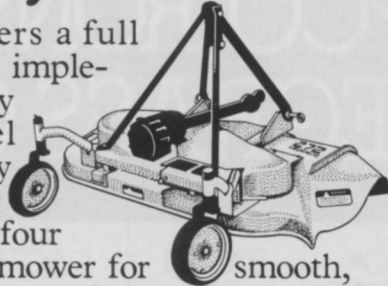
John Deere offers a full line of quality-built implements to fit nearly any make of small diesel tractor with a Category 1 3-point hitch. For example, there are four

mowers: a grooming mower for smooth, even cuts; a rotary cutter for rough terrain; a flail mower for trashy conditions; and a sickle-bar mower for roadsides and hayfields.

For landscaping, John Deere has hitch-mounted implements including a rotary tiller, a box scraper, a rear blade and a post-hole digger. Of course, we also have a full line of hitch-mounted farm implements.

So even if your tractor isn't green, you can make it do more when you put John Deere behind it.

For more information about John Deere Category 1 3-point hitch implements power-matched to small diesel tractors, see your John Deere dealer or send for a free leaflet.



## Products from page 102



cut side-discharge rotary mowers; a 3.5-hp, 20-inch cut mulch-mow rotary mower; a 5-hp, 22-inch cut high wheel rotary mower; a 5-hp, 26-inch cut rear engine riding mower; an 11-hp, 38-inch cut lawn tractor; two 16-hp transaxle garden tractors complete with 44-inch side- or rear-discharge cutting decks; a 3-hp, 18-inch tilling width compact rotary tiller; and a 2-hp, all-steel edger. A full complement of accessories is available.

Write No. 713 on reader service card

**A lawn sprinkler line,** Time-A-Matic, features models with built-in timers that allow a specific amount of water to



be dispersed, then shut off automatically. This conserves time, because the user does not have to watch his sprinkler, waiting to shut it off; it conserves money preventing overwatering, with tremendous savings on water bills; and it conserves the precious resource of water. Melnor Industries created these sprinklers.

Write No. 714 on reader service card

Continues on page 108

To find out how John Deere implements can increase the versatility of your small diesel tractor with a Category 1 3-point hitch, send for a free descriptive folder. Mail this coupon to John Deere, Dept. B147, Moline, IL 61265.

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

WT

Nothing Runs Like a Deere®



Write 116 on reader service card



# For day-in, day-out dependability... Hire a Professional!

Because there's no time for down-time in the world of professional grounds and turf care, dependable equipment is a necessity. That's why MTD makes Lawnflite Professionals to last through years of continuous hard use... with minimum time out for maintenance.

Strength and durability are built into Lawnflite Professional mowers and tillers with heavy-duty components: handles that won't twist, throttles that don't bind, steel wheels with thick-wall tires, muscular industrial engines with Stellite exhaust valves and double-protection air cleaners.

Performance and convenient operation are part of all Lawnflite Professionals by design. Chain reduction drive gives the tillers quick response and gets the most out of every horsepower. All tiller controls are within arm's reach on or below the handles.

Lawnflite Professional mowers are equipped with extra-large,

remote-mounted gas tanks and large-capacity grasscatchers that keep them mowing, with fewer stops for fill-ups and emptying. The mowers roll easily on big 8" wheels with heavy-duty sealed ball bearings, while exclusive "Ultra-Lift" blade design gives a clean, even cut. Convenient levers quickly adjust cutting height to any of five settings from 3/4" to 3 1/2".

The Professional Model 618 mower offers all these features, plus the combined strength and light weight of a cast aluminum alloy deck. Professional Model 638 provides a wide 22" cut, and its true rear-discharge design means extra maneuverability and close-trim mowing next to trees, fences, and other obstacles... on both sides of the mower!

Behind every Lawnflite Professional are a full-year limited warranty and, even more importantly, the MTD heritage: 50 years of design and manufacturing excellence.



**638**  
Model 111-638  
22" Cut / Rear Discharge  
Rotary Mower

## LAWNFLITE Professionals



**618**  
Model 111-618  
20" Cut / Side Discharge  
Rotary Mower



**398**  
Model 211-398  
5 HP / Chain Drive  
Rotary Tiller



**418**  
Model 211-418  
8 HP / Rear Tine / Chain Drive  
Rotary Tiller

Write today for color brochure with full specifications

MTD PRODUCTS INC P.O. Box 36900 Cleveland, Ohio 44136

Write 121 on reader service card



**High-pressure hot water washer** cleans hard-to-reach areas of grease, caked mud, or sludge. The portable



unit has an oil burner for fast heat rise of wash solution. Tap water introduced into the heating coil can be set to reach 100°F to 200°F, and it exits at 3 to 4 gpm up to 1500 psi.

The washer, manufactured by Specialty Equipment Company, uses

downstream chemical injection to keep pump and coils clean. A 12-gallon oil tank supplies the burner with #1 fuel oil or kerosene.

**Write No. 715 on reader service card**

**An insecticide**, Dexa-Klor Dust from Dexol Industries, offers long residual control of crawling and flying insects. This chlordane substitute is fast-acting, odorless, low in toxicity, and biodegradable. When used as directed, it is safe around pets and children and won't damage household surfaces or fabrics.

**Write No. 716 on reader service card**

**A line of hydraulic sweepers** is designed by Sweepster, Inc., for use with the popular diesel and gas tractors in the 25 to 40 hp range. They handle such jobs as cleaning parking lots, access roads, and sites; sweeping leaves; and removing snow.

The sweepers are equipped with a hydraulic brush drive that eliminates most moving parts, resulting in low



maintenance costs. The sectional-type brush comes in either all-polypropylene or 1/2 wire-1/2 poly bristle material. Hydraulic components for operating the run, swing, and lift are located at the operator's seat for handiness.

**Write No. 717 on reader service card**

**Susie's Bloomers** are self-contained plant seed modules that are easy for consumers to use and choose. Consumers can select numerous types of outstanding and unusual plant varieties

*Continues on page 112*

## Fine Fescue

### What is it?

You will find it in virtually every bluegrass seed mix.

You will find it in the finest home lawns.

It's the basic grass for northern turf areas.

You will find it on most golf course fairways and tees.

You will find it in shade areas.

You will find it on poor soils.



**OREGON FINE FESCUE COMMISSION**

1349 Capital Street N.E., Salem, Oregon 97303



Send us this page.

# We'll send you this book.

Elanco has re-written the book on vegetation management.

Vegetation management is a tough job. You know it, and we at Elanco know it. We also know that one of the toughest, and most important, parts of the job is keeping up-to-date on new practices, programs, and products.

That's why we put together this Vegetation Management Guide. It contains lots of helpful information about what's happening right now in the vegetation management field.



In Elanco's Vegetation Management Guide you'll read about new ways to save money on vegetation management. New ways to control problem species. New ways to get local help when you need it. And more.

Another nice feature of this guide is its price. It costs you nothing. Just fill out the information below, tear out the page, and send it to: Elanco Vegetation Management

Guide, Elanco Products Company, Dept. E-455, Indianapolis, IN 46285, U.S.A.

Name \_\_\_\_\_ Title \_\_\_\_\_ Company \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Vegetation Management responsibilities: \_\_\_\_\_ acres and/or \_\_\_\_\_ miles right-of-way.