

Introducing

Two New Premium Turfgrasses

Premium Sod Blend Components

Julia Kentucky bluegrass is an outstanding European introduction now produced in the United States and marketed by LESCO. Under evaluation in the United States since 1978, this variety has exhibited excellent performance — consistently ranking in the top 10% of all Kentucky bluegrasses. Julia produces a dark green turf with medium fine texture and upright growth habit.

By providing excellent

Julia

Kentucky · Bluegrass

density and wear tolerance with little or no seedhead development under turf conditions, Julia meets the demands of even the most critical turfgrass manager. This new

LESCO variety is perfect for those areas where a quality stand of bluegrass is desired. It is a component of the following LESCO seed blends and mixes: Quality Blue Blend, Classic Turf Mix, Premium Athletic Mix and Tuf-Turf Mix.

Cimarron turf-type tall fescue is a very high quality turfgrass featuring a rich dark green color with good density. Developed by Dr. William A. Meyer of Pure Seed Testing and available now from LESCO, this new variety exhibits brown patch resistance and overall turf quality equal to

CIMARRON
TURF-TYPE TALL FESCUE

Apache and Bonanza — two of the top commercial turf-type tall fescues. The increasing popularity and adaptability of turf-type tall fescues makes Cimarron a wise choice for many turf situations. It is a component in LESCO Transition Blend and Tuf-Turf Mix.

More to come...

Watch for the 1987 introduction of Trailblazer — the first of the new dwarf turf-type tall fescues. This new lower growing, darker green breed is a major breakthrough in turfgrass research and development.

To order or for more information on LESCO seed, call toll free.

(800) 321-5325
NATIONWIDE

(800) 362-7413
IN OHIO

LESCO, Inc., 20005 Lake Road, Rocky River, Ohio 44116 (216) 333-9250

LESCO

The most effective crabgrass

ACTIVE INGREDIENT
Pendimethalin

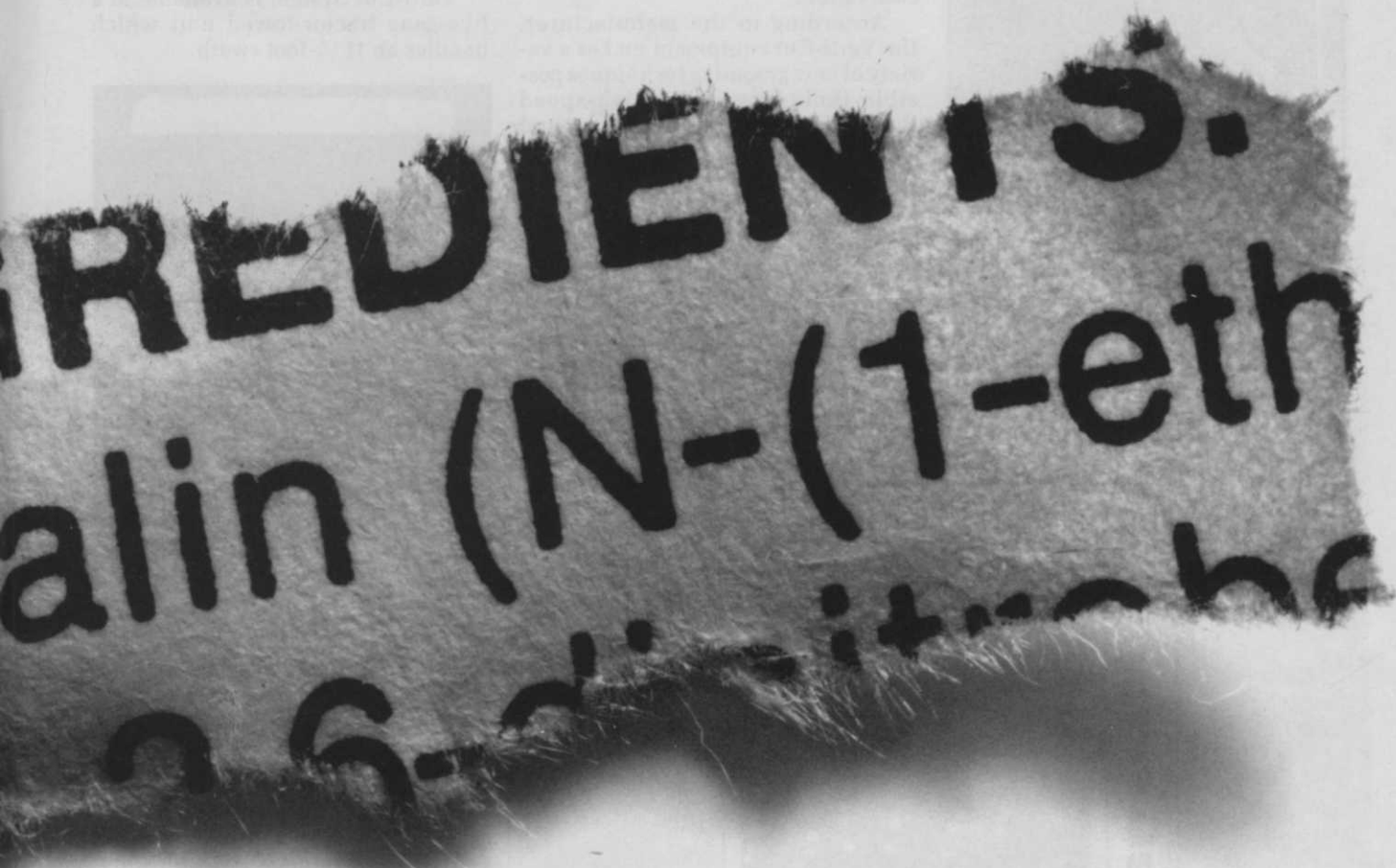
Take out

Labels of your best pre-emergent crabgrass and goosegrass herbicides have one thing in common. And it can be summed up in a word: *pendimethalin*.

That's because pendimethalin from American Cyanamid is the only active ingredient that offers season-long crabgrass and goosegrass control in both warm and cool season turf grasses. And it does it very economically.

But pendimethalin controls more than just crabgrass and goosegrass. One low rate also prevents other tough grassy weeds including foxtail, fall panicum, barnyardgrass and *Poa*

and goosegrass control.



word for it.

annua. Hard-to-control broadleaf species like oxalis and spurge are also eliminated with the same rate.

What's more, pendimethalin breaks down into the environment. And it doesn't move laterally through the soil. Which means it won't seep into bodies of water or stop vegetation you don't want it to stop. Plus, pendimethalin-based herbicides don't have an offensive odor like some products.

So remember, when you select a herbicide with pendimethalin on the label, you have crabgrass and goosegrass control in the bag. And our word. Always read and follow label directions carefully.

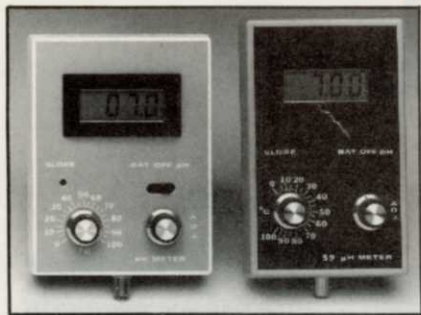
 **CYANAMID**
Agricultural Division
Wayne, NJ 07470

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OCTOBER 1986/WEEDS TREES & TURF 73

pH meters from page 70
powered by a single nine-volt battery.



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Verti-Cut System available in five-gang unit

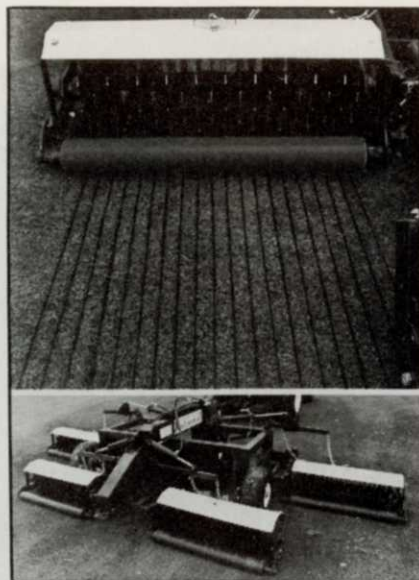
The National Mower Company has introduced new verticutting system equipment for professionals whose turf requires sophisticated care and cultivation.

According to the manufacturer, the Verti-Cut equipment makes a variety of new grooming techniques possible including: ultra high-speed thatch removal; overseeding ground preparation; breaking up aeration plugs; "tickling" grass to combat mat-

ting; and cutting runners in bermuda or bent grasses.

The Verti-Cut equipment uses cutting blades mounted in standard 30-inch cutting unit frames. Blades can be spaced any distance apart and cutting depths can be adjusted.

Verti-Cut System is available in a five-gang tractor-towed unit which handles an 11 1/2-foot swath.



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MILORGANIZE



before the snow flies

Naturally Organic Milorganite on dormant turf provides nutrients when they are needed, and assures an early green-up in the Spring.



Milwaukee Metropolitan Sewerage District

735 North Water Street
Milwaukee, WI 53202

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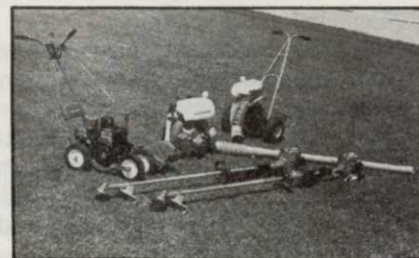
Grooming line used to finish the job

Jacobsen's grooming tools finish the job off to give it a professional touch. Two string trimmers, two blowers, and an edger help produce a well-groomed look for fine landscapes.

The J-24 and J-33 string trimmers come with 24.1 cc and 33.3 cc engines, respectively.

The J-55 backpack blower with two-cycle engine blows 530 cu. ft. of air per minute. The J-88 push blower with 180-degree rotation and a two-cycle engine produces an air flow of 880 cu. ft. per minute.

The commercial edger, which conveniently converts to a horizontal trimmer, has a four-wheel design that provides secure riding on sidewalks and other hard surfaces.



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110 KINDS OF PLANTS. 43 TYPES OF INSECTS. 1 SPRAY.

You're looking at a picture, not of a place, but of an idea: ORTHENE® Tree and Ornamental Spray, and why it means so much to professional gardeners, nurserymen, arborists and golf course superintendents.

ORTHENE offers blanket protection against an amazing variety of insect pests. It's cleared for use on a long list of trees and plants, from orchids to roses to ponderosa pine, even for turf. Cleared last year for use against turf insects, ORTHENE* has just been okayed for mole crickets in Florida—the main enemy of professionals' healthy greens and fairways.

By using ORTHENE, one

spray lets you kill pests like tent caterpillars, whiteflies, Japanese beetles and thrips on contact. Plus it provides lasting residual action against other insects from aphids to scale crawlers to sod webworms. It's a great way to make the whole job of protecting flowers, trees and turf simpler, and more effective.

If you're a professional in the plant care industry, ORTHENE can actually make it easier to do a better job of protecting plants. You ought to know more about it. To find out, send in this coupon.

*ORTHENE 75 S Soluble Powder (Florida SLN).
Avoid accidents: For safety, read the entire label including precautionary statements. Use all chemicals only as directed. Copyright © 1985 Chevron Chemical Company. All rights reserved.

ORTHENE.



ORTHO

Chevron Chemical Company

Mail to:
Lee Sutherland
Chevron Chemical Company
575 Market Street
San Francisco, CA 94105

Please send me more information on ORTHENE.

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Company _____

Street Address _____

City _____

State _____ Zip _____

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Take control of hostile territory.

Trees, gardens, shrubbery, even playground equipment can turn any job into an unwelcome obstacle course. That's where you need all the control you can get. And you get it with Toro's versatile line of commercial walk-behind rotaries. They're built with

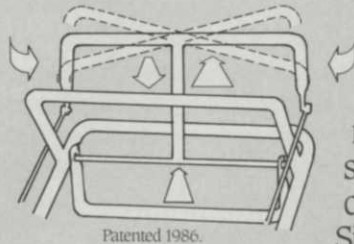


Commercial 116

Commercial 112

the kind of features you need to tame any hostile terrain.

There're four models available—110, 111, 116 and our new 112. With each you can choose the unique traction unit you need as well as interchangeable decks and a sulky or bagging kit.



Patented 1986.

For precise, effortless steering, each mower features a single T-bar control handle. Simply push the bar to mow, then release it to stop. This design lessens driver fatigue and dramatically improves maneuverability. Toro rotaries also feature a 4-speed transmission with power reverse. Not only is



shifting easier, so is maneuverability. The machine does the real work, not your operators.

For cutting control our exclusive pin-and-bracket height of cut adjustment is the answer. Just move four pins and you've quickly changed cutting heights. Additional cutting control is provided by Toro's unique floating cutting units inside the carrier frames. They follow the contours of the terrain enabling you to get a quality cut.

If service is ever needed on your rotaries, Toro can put you back in action fast. Easy-access

design is one of the reasons; all controls and parts are easy to get to and service. Add comprehensive support services and programs from the distributor and dealer, and you're assured of cutting on schedule.

If you'd like to take control of hostile territory,

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write to The Toro Company, Dept. WPM, Commercial Marketing, 8111 Lyndale Avenue South, Minneapolis, Minnesota 55420. You'll learn how Toro's mid-size rotaries outmaneuver the competition. Even standing still.



Commercial 111

Commercial 110

TORO

The professionals that keep you cutting.

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Slicer/seeder made for all types of terrain

The SS-35-20 is the only all-terrain slicer/seeder, according to its manufacturer, Salsco.

The SS-35-20 handles inclines up to 40 degrees. It can cover 18,000 sq. ft. per hour with depth adjustments of 2½ inches maximum at ¼-inch increments.

The machine seeds within a 39-inch radius using a 10 hp Briggs & Stratton engine. It can plant rows two or three inches apart or a 20-inch seed bed.



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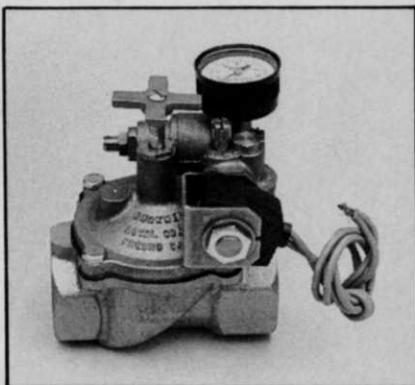
Valves designed for maximum efficiency

Buckner's new 20120 Bronze Series pressure regulating valves are specially designed to reduce and regulate pressures so that maximum efficiency can be derived from the sprinkler and drip irrigation systems.

The Buckner valve has no side-mounted external regulators. All porting and regulation is engineered internally within a bronze casting that fits on top of the valve, eliminating the traditional valve damage associated with external tubing. It is also designed to allow installers to set the downstream pressure at the valve

with or without electric power.

The Bronze Series comes in sizes from ¾-inch to 3 inches. Outlet pressures can be set from 10 to 100 psi with flows as low as 1 gpm.



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Arbor Master 50 creates less root damage

The Burkeen Manufacturing Company's Arbor Master 50 Tree Spade is available in either truck or loader mount, and features a 2250-pound root ball that is 48 inches deep for less root damage and better tree livability, according to the manufacturer.

The Arbor Master 50 is all hydraulic with controls located for optimum visibility and safety. The advanced design gives better weight distribution to increase stability. It



quickly disconnects so the truck can be used for other jobs.

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Flail mower is also used for dethatching

Middlesworth Engineering and Manufacturing has introduced the Model C44F commercial flail mower. The 44-inch outfront mower can also be used to dethatch and mulch leaves.

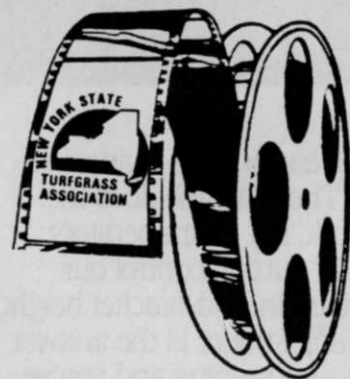
The unit has hydrostatic transmissions with speeds up to 6 mph and true zero-turning radius. The deck is offset 3 inches for trimming and mowing next to buildings and obstacles.

The C44F uses an 11 hp Briggs & Stratton Industrial/Commercial engine.



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FOCUS ON TURF in Rochester, New York November 12-14, 1986



- NY State Turfgrass Association
- EDUCATIONAL CONFERENCE
 - 225 TRADE SHOW BOOTHS
 - PRE-CONFERENCE SEMINARS
 - SPECIAL INTEREST SESSIONS
 - IN-DEPTH WORKSHOPS

For further information please contact
 NY State Turfgrass Association
 210 Cartwright Boulevard
 Massapequa Park, New York 11762
 (516) 541-6902

Put a WHIRLWIND FORCE to work
 TO SWEEP UP LEAVES, LITTER etc.!

TAKE-ALONG 'BIG JOB' LOADER

HAUL THIS 16 horsepower Mi-T-VAC on any truck (or on trailer we make) and clean up wet or dry problems. Fills dump truck with leaves in 25 minutes!

Lo-Blo, the Air-Broom®

HEAVY DUTY BLOWER-SWEEPER helps a small crew gather more leaves, trash, clippings in less time. For details on today's 3 to 45 horsepower models, call Area 216 947-2344.



Model 16 SVL
 Complete with 8 inch hose

Hose reaches out 20 feet

MODEL 8K

ATWATER STRONG DIVISION OF GARDNER INDUSTRIES, INC.

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LAWN EQUIPMENT SINCE 1949

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**TELL
US
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YOU
WANT**

READER FEEDBACK/QUESTION CARD 10/86

A. I'd like to see more articles on _____

B. My question for the Problem Solvers is _____

C. Have you heard the news? _____

YOUR NAME _____ TITLE _____ DATE _____

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CITY _____ STATE _____ ZIP _____ TELEPHONE () _____



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YOU
WANT**