

# INFO CENTER

## Selected books and videos for the industry

**VID SCHOOL FOR SUPERS...**A new hands-on golf course superintendent's video-based training series, designed to enhance staff training and managerial skills, was introduced at the Golf Course Superintendent's International Show in Dallas. Contributing to the program is 30-year superintendent veteran Paul R. Latshaw. The first two tapes, "Creating the Knowledgeable Operator" and "Greens Care Orientation and Tips," available this month, cover basic equipment and mowing routines. Training tapes come with written support materials and basic testing or performance assessment guidelines. For a free preview tape, write or call: Epic of Wisconsin, 2334 Stonebridge Circle, West Bend, WI 53095; (800) 938-4330.

**GREENS RENOVATION...**"The Whys and Hows of Greens Renovation," by Dr.

Richard Hurley, explains the three main reasons for considering greens renovation, and describes the basic procedures and steps to complete the project successfully. Dr. Hurley believes the information is needed as bentgrasses reach higher levels of performance. The brochure is free from Lofts Seed. Contact Andrea at Lofts Seed, (908) 560-1590.

**WASTEWATER REUSE...**for golf course irrigation is covered in a book sponsored by five major golf associations, including USGA and GCSAA. Written by leading researchers and practitioners, it covers a wide range of technical and regulatory aspects of how and why to irrigate golf courses with reused wastewater. Water quality, conservation, regulations, rights, delivery, system design, monitoring, retrofitting for recycled water, and case

study examples are included. Price is \$55, plus \$7.50 shipping/handling. Contact: Lewis Publishers, 2000 Corporate Blvd., NW, Boca Raton, FL 33431.

**SAVE MONEY...**"Save Your Business a Bundle," by Daniel Kehrer, gives 202 ways to cut costs and boost profits. The book's suggestions can work for any size company, and are alternatives to laying off workers to save money. Tips include use of Zip Code +4, phone bill savings, and electronic data interchange. The author is an award-winning magazine editor, author and business owner and executive. The book costs \$22. To order, call Simon & Schuster at (800) 223-2348.

**FOREMAN TRAINING...**The National Landscape Association offers "Talking Over Foremanship," a book to help landscape foremen become better, more competent employees. "Talking Over Foremanship" features 22 independent 30- to 60-minute training sessions, conducted by the owners, manager or supervisor, which help sharpen the "person-to-person" skills of

*to page 74*

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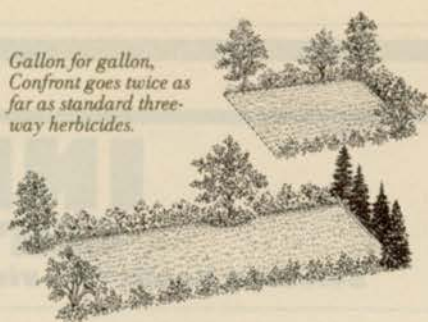
**ADVANSTAR MARKETING SERVICES • 1-800-225-4569 • 7500 Old Oak Blvd. • Cleveland, OH 44130**

The thing we're trying to help you avoid is overkill. Because if you can control weeds, isn't that

the EPA), and you'll get very good results. It sounds simple, but it's one of the most effective ways to use less herbicide.

Also, calibrate your equipment frequently, and use the

Gallon for gallon, Confront goes twice as far as standard three-way herbicides.



# At last. A herbicide that like eradicate, eliminate

enough? So here's a less aggressive approach to managing weeds. A few things you can do to use less post-emergence herbicide to get the weed control you need.



A Young  
Weed Is  
A Vulnerable  
Weed.

The best time to apply your postemergence herbicide is early—when you first see weeds emerge. This is when weeds are the most vulnerable to herbicides. You'll get better results from your application, and you'll reduce the need for treating hardened weeds later.

First, look for weedy areas before applying herbicide. That way, you can use spot treatments instead of broadcast applications (a practice recommended by





correct rate of herbicide for the weed you want to control. You'll get better results from your application, and reduce the chances you'll have to re-apply.

It's important to select a

postemergence herbicide that does the job well the first time you apply it. Confront\* herbicide is a good choice. Nothing controls tough broadleaf weeds longer or better. It delivers the fastest

keep weeds from coming back in cool or warm season turfgrass. It's also a good choice for your sensitive accounts where you prefer a herbicide without dicamba, 2,4-D or MCPP.

# and that doesn't use words or destroy.

action you can find on clover. Confront gets to the roots to

Of course, there isn't room here to outline an entire weed control program. That's why we created The Turf Manager's Guide To Responsible Pest Management.



*Careful scouting helps you get effective weed control using less herbicide.*

It's 44 pages on the latest techniques for controlling weeds, insects and turf diseases.

For a free copy return the coupon, or call our toll-free number. After all, why use any more herbicide than it takes to do the job?



Send me the following Management Guide(s):

- Cool Turf  
 Warm Turf  
 Nursery and Landscape.

Mail To: DowElanco, P.O. Box 33489, Indianapolis, IN 46203-0489. Or call: 1-800-770-4514

Name \_\_\_\_\_

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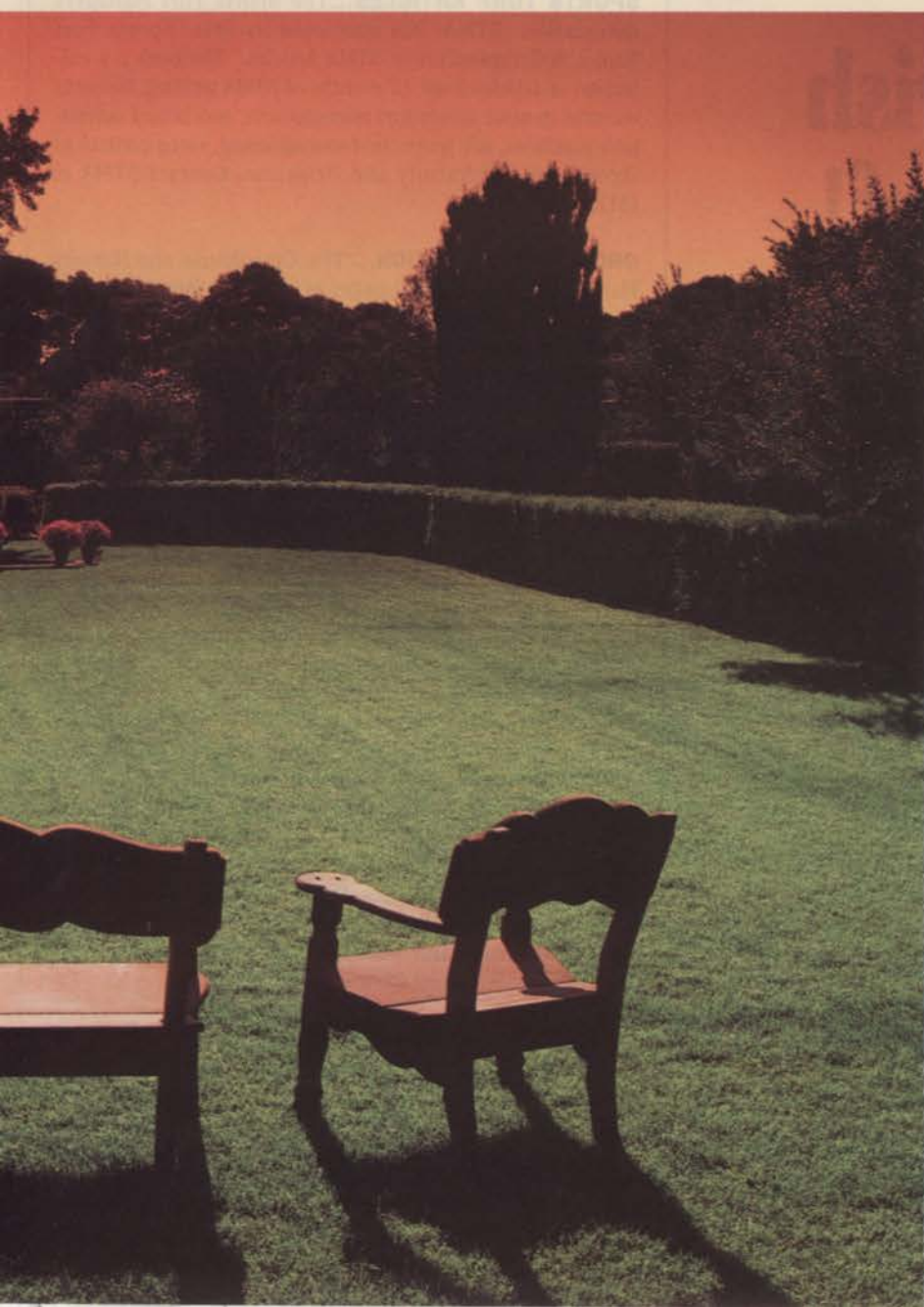
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### INFO-CENTER from page 71

landscape foremen. The material includes detailed instructions on how to conduct each session, and has complete answers to the various discussion questions and issues. Price for members of the American Association of Nurserymen is \$25; \$55 for non-AAN members. Contact the NLA at 1250 I Street, NW, Suite 500, Washington, DC 20005; (202) 789-2900.

**HOW GREENS EVOLVED...**The American Society of Golf Course Architect's popular booklet, "Evolution of The Modern Green," is now available in its third printing. The comprehensive publication, written by ASGCA past-president, Dr. Michael Hurdzan, covers all aspects of the design, construction and maintenance of the modern green. \$5 per copy; \$3 each for five or more copies (prices include postage). Send check to American Society of Golf Course Architects, 221 N. La Salle St., Chicago, IL 60601.

**SPORTS TURF ARTICLES...**The Sports Turf Managers Association (STMA) has published its first "Sports Turf Topics: A Compendium of STMA Articles." The book is a collection of articles from 12 months of STMA writing. Subjects include: general sports turf management, sports turf cultivation practices, fall sports turf management, weed control in sports turf and fertility and irrigation. Contact STMA at (312) 644-6610.

**GROWER INFORMATION...**"The Greenhouse and Nursery Handbook" contains 512 pages of practical information for commercial growers. The book is written to help growers produce plants easily and economically. Softcover costs \$53.95; hardcover is \$63.95. To order, contact Andmar Press, P.O. Box 217, Mills, WY 82644; (307) 472-3107.

## GREEN INDUSTRY EVENTS

What's going on  
in the industry

### APRIL

**14: Chesapeake Chapter, STMA, Field Day**, Camden Yards, Baltimore. Phone: Art Downing, (410) 313-7254.

**20: Landscape Risk Management Realistic Lawsuit Prevention seminar**, Riverside Convention Center, Riverside Calif. Phone: (909) 787-7950.

**23-24: California Landscape Contractors Assn. Certified Landscape Technician tests**, Pierce College, Woodland Hills, Calif. Phone: Kin Heckes, (916) 448-2522.

**27: Landscape and Nursery IPM Workshop**, Waltham, Mass. Phone: Kathleen Carroll, (413) 545-0895.

### MAY

**1-3: Menninger Sunbelt Tree Conference**, Hotel Royal Plaza, Lake Buena Vista, Fla. Phone: Florida Nurserymen and Growers Assn., (407) 345-8137.

**17: Landscape and Nursery IPM Workshop**, Waltham, Mass. Phone: Kathleen Carroll, (413) 545-0895.

# GREEN INDUSTRY SHOWCASE

## Dethatcher has changeable shafts

The Encore Pro-Line now comes with two dethatcher options.

Both shafts are interchangeable on the same machine.



The Power-Thatch shaft is a heavy-duty dethatcher built to handle rugged commercial work.

The unit features 28 self-cleaning, flail-type cutting fingers. Its blade design prevents the unit from throwing rocks and debris.

Encore's revolutionary new Power Comb shaft removes all the thatch and passes over underground sprinkler heads without damage.

This shaft is designed with spring tines molded into a rubber mounting.

The combination of rubber and high carbon wire gives the tines an exceptional lifespan.

The Power-Comb rotates in the direction of travel to eliminate tearing grass while removing thatch.

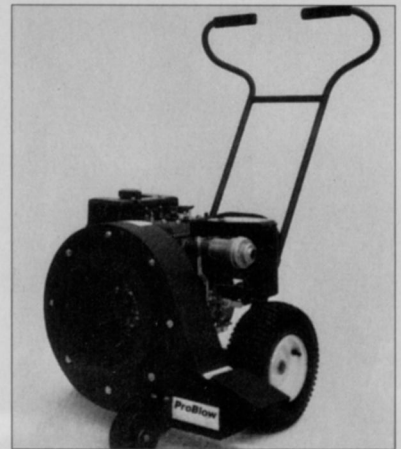
The standard Power-Comb has 24 tines. Optional hardware is available to increase the shaft to 48 tines.

**Circle No. 191 on Reader Inquiry Card**

## Two new debris blowers built to be operator friendly

Walk-behind and user-friendly horizontal debris blowers are two new products from Selbro.

The walk-behind ProBlow line features



fully adjustable and reversible handles to accommodate a variety of operators.

The ProBlow horizontal blower allows the operator the choices of blowing from the right or left side without compromising air velocity. It also drastically reduces vibration, and its balance is unmatched by any other blower, Selbro contends.

**Circle No. 192 on Reader Inquiry Card**

## New durable mower has a wider cut

The Kubota CW1336 is a 12.5 hp walk-behind mower with a 36-inch cutting width.

The mid-sized CW1336 is designed to offer the commercial user durability, performance and ease in operation.



With a 4-cycle, air-cooled, overhead valve engine, the CW 1336 offers better fuel and oil consumption with less vibration.

A 5.5 gallon fuel tank capacity and fuel gauge provides hours of sustained performance.

Smooth operation at one of its five forward speeds and one reverse speed is enhanced by double idler belt tensioners for the least belt slippage under all conditions.

A step-down blade and an adjustable cutting height ranging from one to four inches, in increments of 1/4 inches ensures precision performance.

The long-lasting, welded heavy gauge steel deck is beveled for easy avoidance of obstacles.

A large-diameter front tire affords easy steering of the CW1336.

**Circle No. 193 on Reader Inquiry Card**





# For those who've tired

It's simple. Fewer hydraulic lines mean fewer chances of leaks or failures. That's why the John Deere 2243 Professional Greens Mower is the logical choice for work on your most precious ground—your greens.

The 2243 uses a single hydrostatic transaxle instead of multiple wheel motors. It replaces traditional hydraulic motors, hoses and fittings with a single, sealed component.

In addition to reducing

hydraulic lines, the transaxle delivers quick machine response and built-in dynamic braking on slopes.

Add the advantage of the 2243's patented offset cutting units that reduce perimeter

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# of the same old lines

compaction and you begin to see how the John Deere 2243 separates itself from the rest. For the name of your nearest distributor, or free literature, call 1-800-544-2122.

Or write John Deere, Dept. 956, Moline, IL 61265.



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# PRODUCT REVIEW

## Three turf varieties coming in autumn

Pennington Seeds is releasing Shining Star perennial ryegrass, Yuma dwarf seeded bermudagrass and Duster tall fescue this fall.

Shining Star was developed by Dr. Bill Meyer of Pure Seed Testing. It originates from selections of attractive plants out of the variety Birdie II. It is early maturing, resistant to stem rust and leaf spot, and very dark green in color.

Yuma is a cold tolerant variety that is lower growing and has a finer textured appearance than seeded bermudagrass on the market, Pennington contends. Its cold tolerance allows use "well above the current bermudagrass area of the U.S." It is excellent for golf fairways, sports turf and lawns.

Duster has a deep forest green color, fine texture and low growth habit. Other characteristics: good resistance to net blotch, brown patch and rust; excellent drought tolerance; excellent turf quality.

**Circle No. 194 on Reader Inquiry Card**

## New pallets protect hazardous chemicals

A new line of portable secondary container pallets, known as Envirostor covered vaults and open dikes, offer extra physical and environmental protection to drums of hazardous material.

Available in both two- and four-drum modular sizes, and made of either polyethylene or steel, they offer both a material choice and a capacity range to match any chemical storage need.

A modular storage approach results in greater flexibility and lower cost than construction of special buildings or diked areas.

These same units also provide an extra measure of hazardous materials safety for in-process use, during transit within or outside of a facility and for satellite storage.

The pallets are coated on both sides with a two-part polyurethane for added resistance to chemicals, says the company, Environmental Container Corp.

**Circle No. 195 on Reader Inquiry Card**

## Decontamination kit portable, for worker safety

Precision Laboratories' decontamination kit complies with the latest EPA standards for agricultural personnel, yet is



suitable for use by lawn care industry personnel.

The kit includes two poly containers to hold 2½ gallons of potable water, plus two, 32-oz. bottles of eyewash; four ounces of liquid soap, three extra-large disposable towels; disposable coveralls; and two 32-oz. bottles of sterile, buffered, isotonic eyewash.

**Circle No. 197 on Reader Inquiry Card**

## Insecticide protects pine seedlings from beetle-pest

Pounce 3.2EC insecticide, from FMC Corporation, is being used to protect pine seedlings from the Pales weevil, a flying, beetle-like pest that can wipe out a new pine planting.

Seedling planted on recently logged sites are particularly attractive to the Pales weevil, which can destroy thousands of seedlings a season.

A Special Local Need label allows nurseries to treat nursery seedlings up to two weeks before they are lifted for planting.

Tests show that treated seedlings will repel or kill the Pales weevil throughout the first growing season.

Pounce has an odor that is less-offensive than an organophosphate material, according to FMC.

**Circle No. 198 on Reader Inquiry Card**

## Mowers fly through large acreage

Woods Equipment Company has a new line of high-performance, durable flexwing turf finish mowers for golf course, sod farms, parks and other large acreage turfgrass applications.

The Turf Batwing Finish Mowers are available in three models: 9144; 9180 and 9204. They have 12-, 15-, and 17-ft. cutting swaths, respectively, and are rated to cut up to 8.8 acres per hour at a speed of five miles per hour. Each offers the combined benefits of durable, dependable tow-behind mowing with a flexwing construction for easy transport. Each features three cutting decks. Cutting height ranges from 1.5 to 5 inches.



Tapered roller bearings are used in several key components, such as pneumatic gauge wheels, blade spindle assemblies and the gearbox, which Woods manufactures.

A positive-stop, automatic wing lock-up lets the driver stay seated while locking or releasing the wings from the transport position.

**Circle No. 196 on Reader Inquiry Card**



# PRODUCT REVIEW

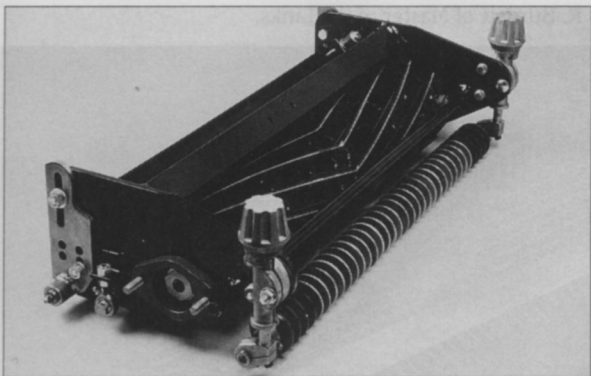
## Reel is self-sharpening, adjusting

A spring-loaded bedknife and exclusive chevron-shaped blade are part of the patented technology of the self-sharpening, self-adjusting Ferris Reel.

The reel has a spring action to maintain a uniform, constant pressure between cutting blades and bedknife, virtually eliminating the need to adjust, back-lap or grind the reel, Ferris says.

Additionally, the V-shape design ensures that part of the blade is always in contact with the knife, and is sharpened with every turn.

The New York company offers Ferris Reel retrofits for many competitive mowers and will unveil a line of commercial walk-



behind mowers that feature the Ferris Reel later this year.

The new reel was shown for the first time during 1994 GCSAA Conference and Trade Show in Dallas.

Circle No. 199 on Reader Inquiry Card

## Erosion control blanket aids seed germination, growth

Weyerhaeuser has a new erosion control product, described as a "bonded fiber matrix."



Weyerhaeuser says the blankets prevent soil loss and water runoff and help foster plant germination and growth.

Soil Guard is a blend of wood fibers, a natural binding agent and a mixture of organic and mineral activators. It is non-toxic and biodegradable. After growth has been established, the blanket biodegrades into substances plants can assimilate.

Circle No. 200 on Reader Inquiry Card

## Lighting fixture illuminates various landscape settings

Intermatic's new low-profile CL506 floodlight is designed for use in a variety of settings, to enhance landscaping and



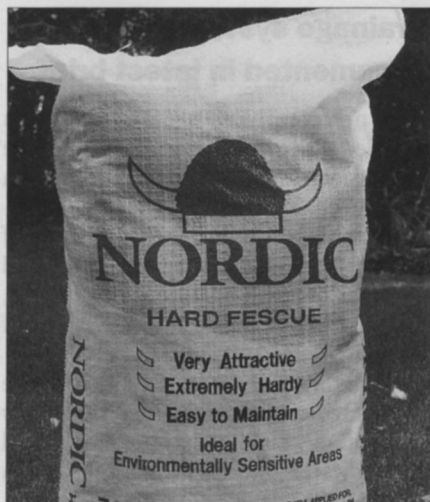
architectural features and increase security around the home.

Made of heavy-duty cast aluminum, the fixture has an electrostatically applied, baked epoxy, black enamel finish for extra durability.

Circle No. 201 on Reader Inquiry Card

## Hard fescue grown for enviro-sensitive areas

Nordic, a hard fescue from Zajac Performance Seeds, was developed specifically for environmentally sensitive areas



where other grasses perform poorly.

Though hard fescues are traditionally shade tolerant, Nordic also grows well in open, sun-drenched sites under a wide range of soil types and acid levels, and in low-fertility, well-drained areas, Zajac notes.

Nordic is naturally resistant to disease and insects, and tolerates heat, drought, summer stress, winter temperatures and snow cover. Irrigation, fertilizer and chemical control are only minimally required, according to the company.

Circle No. 202 on Reader Inquiry Card

## Absorbent dispenser design easy to use and compact

The Sorbent Dispenser, from 3M Company is compatible with all existing 3M sorbent rolls and rugs: simply load a roll of sorbent on the dispenser, pull the amount you need and slide the cutter across.

The 3M Sorbent Dispenser offers these added advantages:

- durable, heavy gauge steel construction will withstand everyday industrial use;
- precision-made cutting wheel cuts all 3M sorbent rolls and rugs cleanly and easily without tearing in either direction;
- cutting blade and surface are easy to replace;

# PRODUCT REVIEW

● the dispenser holds a combination of roll and rug widths up to 38-inches wide.

Large wheels on the container make it easy to maneuver. It can be stored and used vertically, taking up less floor space.

**Circle No. 203 on Reader Inquiry Card**

## Drainage system installation documented in latest brief

A new drainage system has been installed at the soccer field at Mills College in Oakland, Calif. using a drainage system by Contech Construction Products.

The new drainage system consisted of 7,500 feet of six-inch TerraFlow 100 and 170 feet of six-inch smooth-wall pipe, installed by Contra Costa Landscaping of Martinez, Calif.

Three, six-inch pipe trunk drains were connected to the completed TerraFlow installation which discharged all collected groundwater into existing street storm sewers.

During the first winter following installation, 30 inches of rain fell on the new field, depositing as much as two inches of water.

The TerraFlow 100 geocomposite drainage system worked well, collecting and discharging the excess winter rain.

For a free copy of the application brief written to coincide with the project, contact Contech Construction Products, Dept. GICH, 33 Greenwood Lane, Springboro, OH 45066; (800) 338-1122; in Ohio, call (800) 752-8899.

**Circle No. 204 on Reader Inquiry Card**

## Company gets go-ahead to run engine in California

Kohler's Command 25-hp horizontal shaft engine has been certified by the Californian Air Resources Board (CARB) to meet that state's 1995 emissions standards.

Under those standards, utility engines with a displacement of 225cc or larger must limit carbon monoxide emissions to more than 300 rams per horsepower hour.

Oxides of nitrogen combined with hydrocarbons cannot exceed 10 grams per horsepower hour.

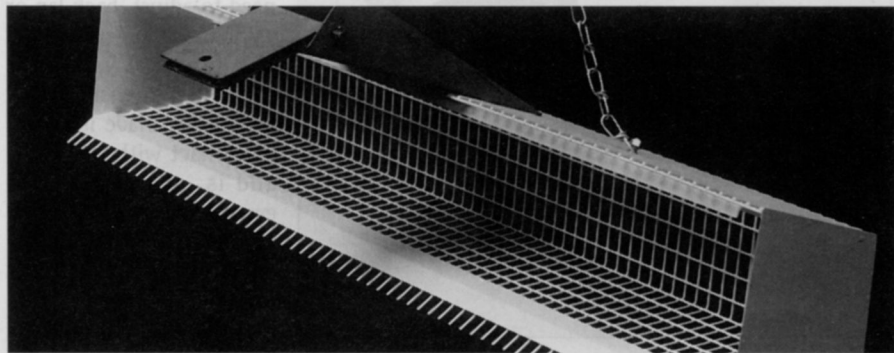
Kohler's Command 18- 20-, and 22-hp engines are all certified by CARB.

**Circle No. 205 on Reader Inquiry Card**

## Renovator for golf sand traps

The Sand Trap Renovator from Master of the Links can be attached to existing sand trap rakes, including Toro, Smithco, John Deere and others.

The four-foot-wide Renovator has a mesh cage for large raking jobs. It can also be used in park district sand playlot areas to clean up broken glass and thus lessen liability concerns, according to James R. Burdett of Master of the Links.



Also available from the company are the Divot Seed & Soil tee bucket and the "Scatter" (carts) sign/log.

**Circle No. 206 on Reader Inquiry Card**

## New tractor/backhoe a powerful addition to fleet, and its mobile

Kubota Tractor Corporation's new L35 tractor-loader-backhoe is built to be a powerful and mobile machine.

Powered by a 35-gross hp engine, the L35 is equipped with a full-scale backhoe and loader specifically designed to handle heavy excavation and fill work, particularly in narrow spaces.

The L35 features a 3-cylinder Kubota E-TVCS diesel engine that delivers high output, powerful low-speed torque and a high torque rise.

The engine is quiet, and meets strict emissions regulations.

The Glide Shift Transmission increases productivity by permitting clutchless shift-on-the-go, through all eight speeds in forward and reverse, without the power loss common to other types of transmissions.

Kubota's L35 is equipped with a powerful 17.3 gpm, dual-pump hydraulic system to provide ample volume for loader and backhoe operation.

**Circle No. 207 on Reader Inquiry Card**

## Rubber-based amendment reduces compaction

Rebound is a new soil amendment made from crumb rubber and organically composted materials.

It is used to make athletic fields more resilient.

According to Jai Tire Industries of Denver, Rebound will aid divot recovery, and reduce ground-related player injuries in contact sports.

According to Jai Tire, Rebound will also reduce soil compaction, resulting in

increased root mass, depth and improved drainage.

The company says turf grown in Rebound-amended soil is less susceptible to disease, and requires up to 30 percent less water, fertilizer and pesticides.

Rebound was used for the Montreal Expos' new spring training field in Kantana, Fla.

**Circle No. 208 on Reader Inquiry Card**