

# BLAZER

THE HARDY PERENNIAL RYEGRASS  
THAT CAN TAKE A CLEAT



First, examine Blazer perennial ryegrass for its three big benefits:

- 1) Winterhardiness
- 2) Summer stress tolerance
- 3) Disease resistance.

Then, look further at its ability to stand up under hard use and wear. It's easy to see that Blazer is right for parks and sportsfields. Lawns too. Small leaf, erect growth habit and dense tillering produce a thick, rich sward that can stand up to football cleats, soccer pressure, crowds and weather.

Call about Blazer. Let Pioneer Turf and Forage give you the full specs on this perennial turf-type ryegrass. You can't beat Blazer for new growth, overseeding or rejuvenating.

Pioneer is proud of its other proprietaries too. Monopoly, the fast starting Kentucky bluegrass. Waldorf, the tough, long-wearing Chewings fescue.



**PIONEER**<sup>®</sup>  
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SEED DIVISION, SAVAGE, MN 55378 PHONE 1/800-328-5898  
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\*Registered trademark of Pioneer Hi-Bred International, Inc., Des Moines, Iowa.  
The Limitation of Warranty and remedy on the label is part of the terms of sale.



## UPDATE

**Course remodeling trend growing**

Remodeling seems to be the wave of the future for golf courses.

According to Ted Robinson, president of the American Society of Golf Course Architects, many courses built 25 or more years ago no longer challenge today's player, who has better equipment and can avoid the original hazards.

"Therefore," he says, "many courses are moving and adding traps, rebuilding their greens and enlarging tees. In many cases, they also are adding water hazards that serve as water retention ponds for the irrigation system."

Robinson said, however, that every remodeling project does not mean a complete construction project. Most courses retain a golf course architect to evaluate the playability of the layout and then submit a master plan that can be implemented over several years, depending, of course, on budget.

Design factors that many architects will review in the master plan are:

- **Tees** - Tees establish playability and are prime targets of improvement. They tend to be much larger and longer than in the past because of the beating they take from concentrated play. It is not uncommon for tees to cover 5,000 to 7,000 square feet in area on the modern course.

- **Fairways** - "Sparking up" a fairway can involve the reshaping of mounds, traps, lakes or ponds. Major gradework may be required to eliminate blind shots or to soften severe terrain.

- **Traps** - The trend has been toward milder convolutions of the edges of the traps and more gentle rise from the bottom of the trap to the top edge. Gentler contours make it easier to cut the edges with power mowers, reducing time and labor expenses.

- **Ponds** - Artificial ponds may be recommended. They enhance visual impact, offering a stimulating challenge if they are strategically placed and serve as a valuable water source. The excavated material can often be used to rebuild bunkers and mounds.

- **Irrigation System** - Good irrigation systems can't be over-emphasized. The trend is toward completely automated systems. Installing an irrigation system is a relatively simple procedure. An 18-hole system can be installed in two to four months depending on the terrain and scope of the system, and is generally less disruptive than club members think. An automatic system can conserve water, reduce labor expense and allow watering during nighttime hours.

- **Greens** - The shape, size and protecting features of each green should be in direct relation to the approach shot. Although larger than those of earlier eras -- a good average size is 6,500 square feet - today's greens should offer variety. More and variable pin placements are possible with larger greens and alleviate problems caused by heavy play. Gentle undulations permit the use of machine mowers and reduce the risk of scalping. The green should be designed to drain in more than one direction. It is possible to enlarge a green and add traps without losing play, but the best way often is to reconstruct it entirely. It is less of a task to install additional drainage than is supposed. Critical areas can be retiled and backfilled and the sod replaced within one day.

## EQUIPMENT

**Toro sues R&R in parts dispute**

The Toro Company has filed a copyright infringement and unfair competition suit in U.S. District Court, Minneapolis, against R&R Product Co. of Tucson, AZ.

Toro alleges R&R, a replacement parts manufacturer, uses Toro's parts numbering system and copyrighted material from Toro's catalogs.

Vernon A. Johnson, vice president and general counsel for Toro, said, "The lawsuit was filed to provide our 55 domestic distributorships with a source of protection that by law is rightfully theirs."

## PEOPLE

**Alden Dow dies, landscape architect**

Alden Dow, internationally recognized landscape architect and direct decendent of Herbert Dow, founder of Dow Chemical, died in September. Alden Dow had a great degree of influence on Dow Gardens in Midland, MI, and is known for his planning of Lake City, TX. He was a stockholder in Dow Chemical and sat on the board of the Dow Foundation, but was never employed by the company. Alden predicted a movement of people back to the urban centers of the country from the suburbs and believed in the use of native and exotic plant material. He was 79.

## EQUIPMENT

**New show planned for outdoor equipment**

After spending years trying to get attention of dealers at the Hardware Show and other general shows, manufacturers of outdoor power equipment have developed their own show to be held July 23-25, 1984, in Louisville, KY.

A steering committee finalized plans during a meeting in September. Represented on the committee were Bolens, Briggs & Stratton, Brinley-Hardy, Bunton, Deere & Co., Dixon Industries, Gilson Brothers (Sensation), Homelite, Kohler, Lawn-Boy, MTD Products, The Toro Co., Simplicity, Wheel Horse, and others.

Although the show is really intended for equipment dealers, it's a good

*continued on page 16*



For power, versatility...

# THERE'S A FORD TO FIT YOU!



6 new compact diesels



2 new Series 10 tractors



2 new LCG tractors



5 new compact loaders

From mowing to leveling to loading, Ford has the right power size and features to match your needs.

Start with our six new 1000 Series compact diesel tractors, 13 to 32 horsepower\*. They offer a combination of features you can't get anywhere else and matched mounted or pull-type implements. And, like all Ford tractors, they're backed by your Ford Tractor dealer's parts and service support.

Need more power? Check out two new Series 10 tractors—the 42 horsepower Ford 2910\* and the 49 horsepower Ford 3910\*. Each is ideal for big grounds maintenance jobs.

Or choose from two new Ford low center-of-gravity tractors, 42 and 62 horsepower\*, specially designed for working on hilly and uneven terrain.

And for loader work in small spaces, Ford offers 5 new compact loaders, 18 to 62 horsepower\*† They've got the power, capacity and maneuverability to get work done fast!

Buy, rent or lease one of these new-generation Fords soon from your Ford Tractor dealer. He's listed in the Yellow Pages under "Contractors' Equipment and Supplies" and/or "Tractor Dealers."

\* Manufacturer's estimated gross horsepower  
† Model CL-35 available late-1983

FORD TRACTORS



Circle No. 107 on Reader Inquiry Card



# There's a fine line between good turf and better turf.



It's the fine line of Turf Care™ products from SDS Biotech. These quality products give you first-rate weed and disease control with real economy all season long. Taken together, there's just no better way to get better turf.

**Daconil 2787® fungicide. Unmatched spectrum of disease control.** No other fungicide works as effectively on turf and a variety of ornamentals. Daconil 2787 provides unsurpassed control of 9 major turf diseases plus common diseases on 45 ornamentals. Daconil 2787 is also available in wettable powder.

**Dacthal® W-75 herbicide. The leader is back on the market.** It's the standard of excellence in turf preemergence weed control and it's readily available for the '84 season.

Whether it's crabgrass, spurge or 21 other annual grasses and broadleaf weeds in turf and ornamentals, nothing works better than Dacthal W-75.

Go with the best in 1984. Dacthal W-75.

**Dacamine® 4D herbicide. Kills perennials better than ordinary 2,4-D.** Dacamine 4D virtually eliminates the possibility of weed regrowth. It works particularly well on plantain and 70 other tough perennials.

Dacamine 4D also delivers broader spectrum weed kill than ordinary 2,4-D.

And since Dacamine 4D is non-volatile, it won't vaporize even in hot weather. So there's no risk of injury to nearby ornamentals from vapors.

**2 Plus 2 (MCP + 2,4-D Amine). Tough on weeds, easy on the pocketbook.** Designed in a convenient package mix, 2 Plus 2 delivers economical control of pesky common broadleaf weeds such as clover and dandelion on turf and fairways.

For broad spectrum control that's tender on grass and non-harmful to tree roots, use 2 Plus 2.

**Daconate® 6 and Bueno® 6 post-emergent herbicides. Proven performers.** Especially effective on such tough weeds as nutsedge,

chickweed, wood sorrel, crabgrass and many other grassy weeds.

Both products are ready-to-use liquids with built-in surfactants for uniform wetting (Bueno 6 is sold only in western states for use on turf).

**Turf Care from SDS Biotech. Order now for better turf.**

Your hard work and expertise along with our fine line of Turf Care products are the perfect combination for healthier, more vigorous, more beautiful turf.

So see your SDS Biotech distributor and place your order today.

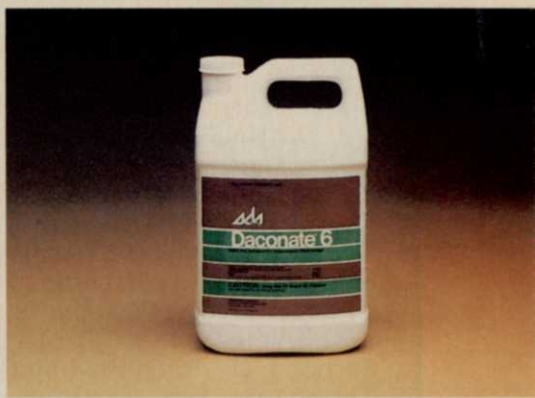


Agricultural Chemicals Business  
SDS Biotech Corporation  
7528 Auburn Road, P.O. Box 348  
Painesville, Ohio 44077

Always follow label directions carefully when using turf chemicals.

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### 25 honored in PGMS awards

Winners in the 1983 Professional Grounds Management Society's Award contest were announced at the group's annual conference, this year in Cincinnati in October. They are:

●Category 1 - INDUSTRIAL OR OFFICE PARK IN-HOUSE: Grand award to Florida Gas Transmission, Winter Park, FL; Honor award to Allergan Pharmaceuticals, Irvine, CA. OUTSIDE CONTRACTOR: Grand Award to Martin Marietta Corp., Bethesda, MD, submitted by Chapel Valley Landscape Co., Woodbine, MD.; Honor to Bell Telephone Laboratories, Naperville, IL, submitted by Clarence Davids and Sons, Inc., Blue Island, IL.

●Category 2 - CONDOMINIUM, APARTMENT COMPLEX OR PLANNED COMMUNITY, IN-HOUSE: Grand Award to Alikar Garden Apartments, Colorado Springs, CO; Honor to Reston Homeowners Association, Reston, VA. OUTSIDE CONTRACTOR: Grand Award to Mansion House Center, St. Louis, MO, submitted by Riverfront Landscape Maintenance Co., St. Louis, MO. Honor to Lake Meadow Association, Chicago, IL, submitted by Clarence Davids and Sons, Inc., Blue Island, IL; The Landing Homeowners Association, Portland, OR, submitted by Oregon Landscape Maintenance, Tigard, OR; Union Gap Village H.O.A., Clinton, NJ, submitted by Dubrow's Nurseries, Livingston, NJ.

●Category 3 - HOTEL MOTEL OR RESORT GROUNDS: Grand Award to The Cloister Hotel, Sea Island, GA, submitted by Sea Island Co., Sea Island, GA.

●Category 4 - GOLF COURSE: Grand Award to Ridgemoor Country Club, Chicago, IL; Honor to Bloomfield Hills Country Club, Bloomfield Hills, MI.

●Category 5 - CEMETERY OR MEMORIAL PARK: No winner.

●Category 6 - PARK AND RECREATION AREA: Grand Award to City of Newark, Newark, DE; Athletic Field: Grand Award to Meridian Junior College Baseball Complex, Meridian, MS.

●Category 7 - SCHOOL OR UNIVERSITY GROUNDS: Grand Award to Holy Cross College, Worcester, MA; Honor to San Jose State University, San Jose, CA and DePaul University, Chicago, IL, submitted by Clarence Davids and Sons, Inc., Blue Island, IL.

●Category 8 - GOVERNMENT BUILDING OR COMPLEX: Grand Award to Minnesota State Fair, St. Paul, MN; Honor to Carl S. English Jr. Gardens, Seattle, WA, submitted by U.S. Army Corps of Engineers, Seattle, WA.

●Category 9 - SHOPPING AREA: Grand Award to Downtown Tulsa Unlimited Pedestrian Mall, Tulsa, OK, submitted by Tierra Vista, Inc., Tulsa, OK; Honor to Puente Hills Mall, Industry, CA, submitted by Armstrong Garden Centers Inc., Monrovia, CA.

●Category 10 - HOSPITAL OR INSTITUTION: Grand Award to Friends Hospital, Philadelphia, PA; Honor to University of Massachusetts Medical Center, Worcester, MA.

●Category 11 - No winner.

●Category 12 - No winner.

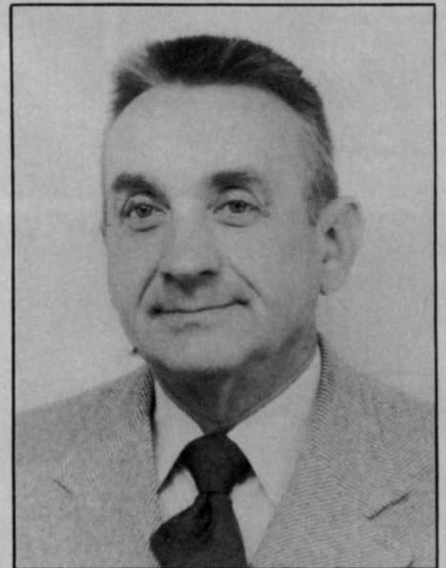
place for buyers to see the latest equipment lines before fall. Manufacturers will have the opportunity to give presentations about products and demonstrations. The show will be held on the site of the World's Fair, the Kentucky Fair & Exposition Center.

#### EQUIPMENT

### Mott raises Berdych to distributor sales

Joseph Berdych, a 20-year veteran with Mott Corp., LaGrange, IL, has been named manager, distributor sales. He is the first person to serve as a liaison between Mott and its distributors.

Marketing Manager C.J. Horsley commented, "Joe probably knows more about Mott's products than any-



one, and he knows ever Mott distributor personally."

Berdych sold his first Mott mower in 1957 while operating his own lawn mower business. He joined the company in 1963 as a territory manager.

#### SOD

### Researcher receives \$8,000 boost

The Sod Grower's Association of Mid-America has donated \$8,000 to aid a University of Illinois turf pathologist conducting studies of various turf diseases.

Dr. Hank Wilkinson is conducting research on yellow ring disease, fusarium blight syndrome and other turfgrass diseases. This is Wilkinson's second award from the

*continued on page 18*

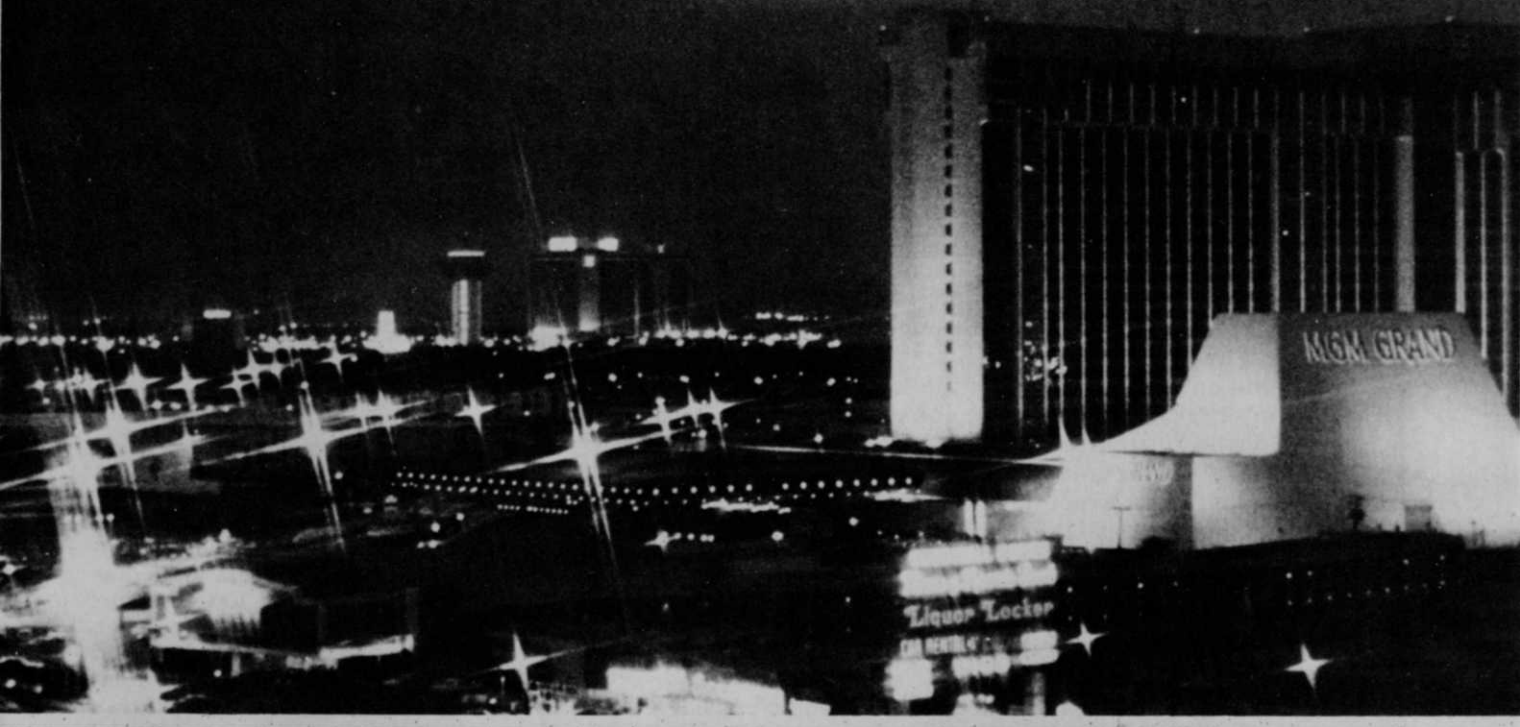


# LAS VEGAS

January 28th—February 3rd 1984

## 55<sup>TH</sup> INTERNATIONAL TURFGRASS CONFERENCE & SHOW

Education. Exhibits. Excitement.



An enriching experience for everyone in golf course management!

FOR FURTHER INFORMATION CALL:

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IN KANSAS AND CANADA CALL (913) 841-2240

### Drift irks Long Island neighbor

The following article is reprinted with a different headline from Pest Control Progress, the newsletter of the International Pesticide Applicators Association. The first half is a letter to a newspaper in Long Island regarding tree spraying. It is followed by comments by Dennis Ryan, president of the New York Chapter of the International Society of Arboriculture and Director of Forestry and Horticulture for the City of New York Department of Parks and Recreation.

*Recently, my neighbors had their trees sprayed against gypsy moths. Luckily, I was home at the time. I noticed quite a bit of spray was landing on my five-year-old son's toys and bikes.*

*When I went to the front of my house to close the windows, I was horrified to see insecticide cascading down on my car, baby carriage and stroller. Everything, including baby blankets, teething rings, pacifiers and baby toys was drenched with spray. Only ten minutes before, my four-month-old baby had been asleep in the carriage. I was very upset. What if I hadn't been home or hadn't noticed the spraying and everything went unwashed?*

*The houses in my neighborhood are relatively close together and many trees are on property lines. Consequently, quite a few people are having parts of their property sprayed whether they want it or not.*

*Commercial sprayers should be required to inform all adjacent property owners of spraying before it is begun. They should also be required to contain the spray, as much as possible, to the property for which it is intended. I realize that it is impossible to contain the spray completely, but the spraying techniques I have seen can and should be improved.*

The above letter was published in Newsday, a newspaper with circulation of more than 500,000 on Long Island. This letter and the feelings it conveys is not an isolated case.

Obviously, it becomes very difficult to defend the tree care industry against restrictive pesticide regulations when, seemingly, we are responsible, through our own negligence, for the fate which could befall us.

Can you answer yes to any of the following questions?:

- Do you send out crews that are inexperienced and lacking in proper pesticide application training?
- Do you allow your crews to continue spraying when the wind is blowing in order to get the job done?
- Have you sold a pesticide application when it was unnecessary?
- Do you have equipment on the road that is leaking or unclean?
- Are you still doing "broadcast" spraying and not target applications?

If we do not voluntarily clean up our act, some legislator will certainly try to do it for us. Don't wait until it's too late. As professionals we are responsible for our actions. It's up to each of you. Do your part!

which has also given him a van to use for research activities.

During the past four years the association has also contributed \$20,000 toward turfgrass disease research programs at Cornell University in New York.

#### EQUIPMENT

### Wheel Horse sold to investor group

A group of investors led by the management of Wheel Horse Products, Inc., put together \$13 million to buy the company from American Motors Corp. in late August. Wheel Horse's



Munn and Hawkins (l. to r.)

sales have been estimated at \$50 million.

The City of South Bend, IN, helped finance the takeover to keep the company there, where it started in the late 40's. The company employs nearly 400.

John Munn will remain the president of Wheel Horse and Robert Hawkins will be vice chairman.

#### SEED

### Robinson opens own research company

Mike Robinson, former vice-president of Pickseed West Inc., has opened his own Seed Research Inc. office to handle testing, development, production and marketing of turf and forage seeds. Regional seed companies will distribute the new firm's products. Robinson's ten years in the seed business includes trading, multiplication, production, varietal development and marketing. He is the current vice president of the Oregon Seed Trade Association.

The new offices are located at 29730 Harvest Drive, Albany OR 97321.



Does anyone's career  
depend as much on timing  
as a turf manager's does?



Possibly.

Pennfine Perennial Ryegrass covers more ground than any other turfgrass variety in the world. This message recognizes the people who made it happen.

For your free full-size (22" x 28") poster of this ad, send your name and address to:  
Pennfine Poster # 5, P.O. Box 923, Minneapolis, MN 55440. (Watch for the other five ads in this series.)



# What makes Ryan turf-care equipment worth the investment:

## Core cultivation, dethatching, sod cutting... equipment engineered for more work value.

Maintaining fine turf is part art. Part science. And a lot of hard work.

And because your turf aerification and cultivation equipment has to work so hard...for so long...and come back for more, we've designed a complete system of hard-working equipment that you can match to whatever your jobs demand.

With Ryan turf care equipment, your turf looks great. And your bottom line looks even better.

Here's why Ryan equipment is worth the investment:

### A better way to aerate greens.

Nowhere is the quality of your turf so critical as on the greens. But considering the rough treatment they get from most aerators, you may be reluctant to aerate at all.

Not so with the Ryan Greensaire® II or Greensaire® 16— aerators so precise that even fresh holes won't affect the roll of a putt.



*The Greensaire 16 gives you the same thorough aeration as the Greensaire II— but in a more economical size.*

Unlike rolling aerators, the Greensaire tines don't tear into the turf. They penetrate it in a quick up-and-down motion, removing cores up to 3" long.

Greensaire II (pictured at right) covers a 24" swath; takes 36 cores from every square foot; and aerates up to 8,000 square feet per hour.

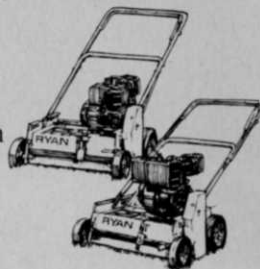
Add the optional Core Processor and you'll aerate, collect thatch, break up cores and top dress all in one operation.

The Greensaire 16 offers the same thorough aeration, but in a more economical size. You get a 16" swath; 36 cores per square foot; and a speed of up to 4,000 square feet per hour. An optional windrow attachment makes clean-up simple.

Both units are available with revolutionary heat-treated tines that provide self sharpening action and less plugging-up.

Once you've seen either Greensaire at work, you'll never settle for an ordinary aerator again.

### The toughest power rakes on turf.



*The Ryan Ren-O-Thins. 7 or 5 HP*

It's no easy matter for a machine to spin a blade 2700 revolutions-per-minute through thousands of square feet of thatch, roots and hard soil.

Hour after hour.  
Day after day.  
Year after year.

How long can a power rake take that kind of stress? You'll never know until you've owned a Ryan.

Take our big Mataway®, for instance. It's powered by a mighty 10-hp engine; built around a massive cast iron block; and features a 4-stroke cycle for extra torque and longer life.

If you don't need the muscle of

a Mataway, you can still get Ryan ruggedness in the 7-hp Ren-O-Thin® IV or the 5-hp Ren-O-Thin® III.

Interchangeable blades for all 3 models let you adapt your Ryan power rake to a variety of different jobs—from cleaning up surface thatch to deep slicing the soil.

### A sod cutter that earns its keep.



*Ryan's Jr. Sod Cutter is an investment every golf course can afford.*

The compact size of the Ryan Jr. Sod Cutter makes it the only one economical enough for your golf course to own.

Its performance makes it the only one worth owning.

The 7-hp engine lets one man cut up to 135 feet per minute, up to 2-1/2" deep.

And whether you choose our 12" or 18" model, you'll be getting a professional, uniform cut with straight edges.

And The Ryan Family of turf-care equipment is only available from your Ryan dealer. He's in business for the long haul, with a proven record of service after the sale and a complete line of turf-care equipment to meet your needs.

### A free demonstration.

Of course, the best way for you to learn about Ryan turf-care equipment is to see it in action.

Right on your own golf course. To do that, contact your nearest Ryan dealer or call us toll-free at 1-800-228-4444.