



# John Deere, as everybody knows, is a place you go for tractors.

What do you think of when you think of John Deere? Probably not air compressors. Or alternators. Or high pressure washers.

But the fact is, your John Deere dealer carries a good many products you don't ordinarily associate with John Deere. Products that grounds care and construction people use all the time.

For example, we have a whole line of skid-steer loaders, ranging from 14 hp to 37 hp, for handling big jobs in confined areas.

We have portable power equipment like alternators, air compressors, battery chargers, welders, space heaters and pumps.

We have snow blowers for clearing away snow, backpack blowers for cleaning up leaves and debris, and high pressure washers for washing trucks or trailers.

And we have a whole line of power equipment for lawns and gardens: tillers, lawn mowers, nylon line trimmers, edgers and chain saws to name just a few.

We even have electronic bug killers. And a long list of other items not shown in this ad: carpenters' tools, mechanics' tools, lawn and garden tools, etc.

And needless to say, we have tractors. From 8 hp to 50 hp. With a wide choice of matching implements to go with them.

Next time you're looking for equipment, of almost *any* kind, visit your John Deere dealer.

Chances are he'll have what you're looking for.

And when you buy from John Deere you can be sure of the quality. Plus parts and service when you need them.



## Nothing runs like a Deere®

*Tell us the equipment you're interested in, and we'll send you a free folder. Write John Deere, Moline, IL 61265.*

1. Skid-Steer Loader, 2. Space Heater, 3. 2 hp Compact Tiller, 4. Edger, 5. Nylon Line Trimmer, 6. Chain Saw, 7. Backpack Blower, 8. Portable Pump, 9. AC/DC Welder, 10. Air Compressor, 11. Self-propelled Snow Blower, 12. 6 hp Rotary Tiller, 13. 100 Amp Battery Charger, 14. Alternator, 15. High Pressure Washer, 16. Bug Killer, 17. Self-propelled Mower.



# For 22 years, only one aerator has been built like Ryan's.

This is the Ryan Greensaire® II. The latest in a line that started back in 1958. Naturally, we've made quite a few improvements since then, but today's Greensaire II delivers the same, everyday dependability and reliable performance that made our first model so popular. Here's why.

(1) Its tines penetrate the turf in a straight, up-and-down motion. Holes are made cleanly and precisely;  
(2) There's a tough 8-hp engine that delivers self-propelled action, covering up to 8,000 sq. ft. per hour;  
(3) A 24" swath means fewer runs;  
(4) Four sizes of interchangeable tines let you achieve the exact amount of aeration your greens need. They penetrate as deep as 3" on two-inch centers, removing 36 cores from every square foot of turf;

(5) An optional Core Processor attaches here. It separates thatch from soil, top dresses your greens and catches the waste in one operation.

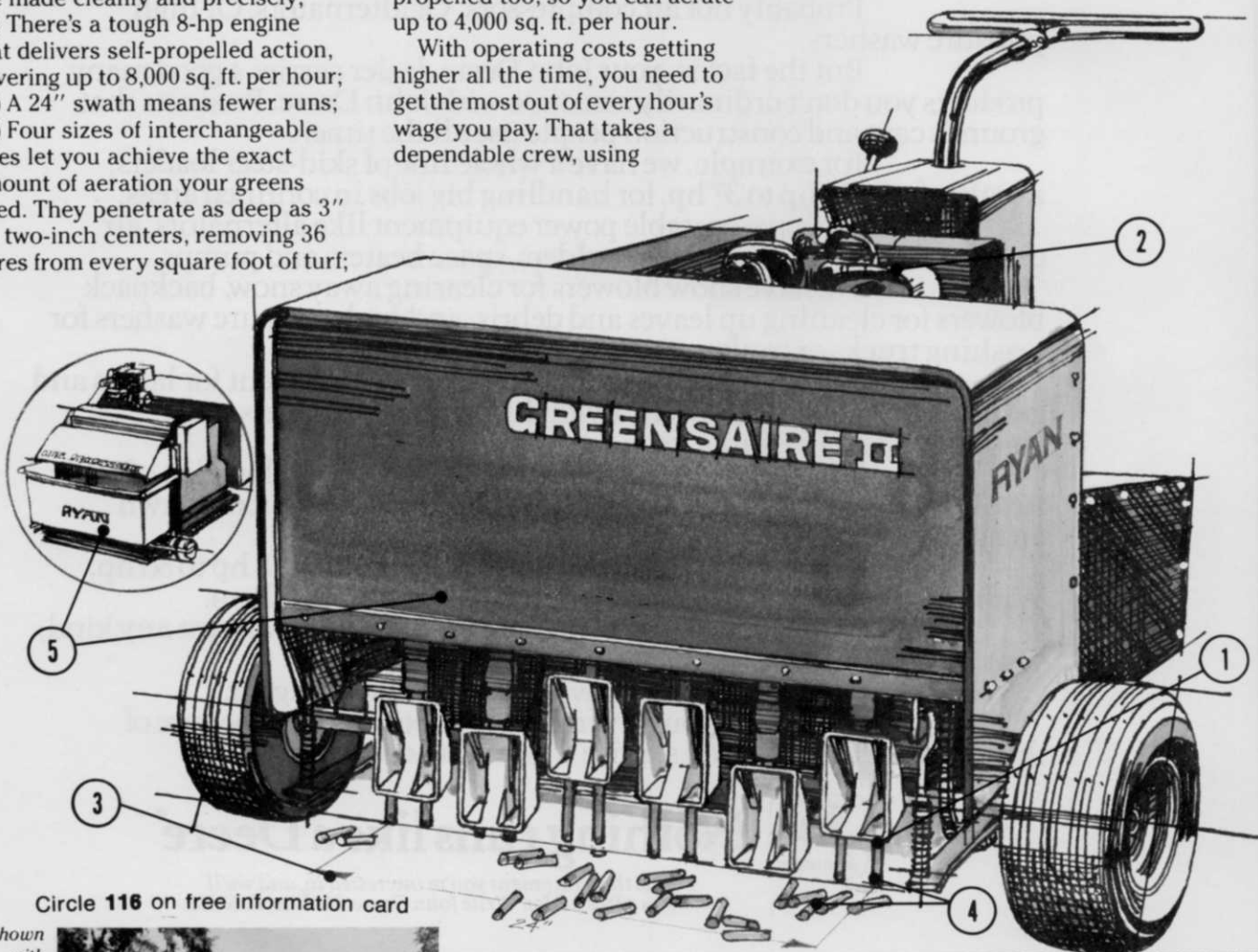
If you don't need the high capacity of the Greensaire II, the smaller Ryan Greensaire 16 is a dependable alternative. It also offers the same choice in tine sizes. It's self-propelled too, so you can aerate up to 4,000 sq. ft. per hour.

With operating costs getting higher all the time, you need to get the most out of every hour's wage you pay. That takes a dependable crew, using

dependable equipment. Like the Ryan Greensaire II, the ultimate greens care machine. Or the Greensaire 16, the economical top performer.

Return this coupon today, and you'll get the chance to see for yourself just how we build a greens aerator.

80-CUR-1



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Shown  
with  
optional  
windrow.



## The Greensaire Aerators

**RYAN**  
TURF-CARE  
EQUIPMENT

*Day-In, Day-Out  
Performance.*

I want to see what your aerators are built like, Ryan.

- ☐ I'd like a demonstration of the Greensaire II.
- ☐ With Core Processor attachment.
- ☐ I'd like a demonstration of the Greensaire 16.
- ☐ Send me your new 1980 catalog.

Name

Title

Address

City  State  Zip

3026 Cushman  
P.O. Box 82409  
Lincoln, NE 68501

# WT&T

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DECEMBER 1979/VOL. 18, NO. 12

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**Cover:** Grover Brinkman of Okawville, IL, took this photograph of the tough relative of the chestnut, the Buckeye. Grover says the tree is an all year conversation piece first with blooming, nut pods, and finally a brilliant yellow foliage in the fall.



## VIEWPOINT

by Bruce F. Shank, Editor

This magazine has a very obligating name, Weeds Trees & Turf. If we get too light on any one area for more than a month, I get letters suggesting that the name should be changed. We have committed fraud in their opinion when we call the magazine Weeds Trees & Turf and then don't have something on each subject area every month.

I get criticism from former editors, long-time readers, and die hard specialists. There is little time to rest on our laurels when our watchdogs pay such close attention to the magazine.

So, in this time of thanksgiving and reflection, I'd like to thank our critics. Their criticism is what keeps the magazine comprehensive and informative. Every letter is considered for its remarks and kept on file for action. In 1980, these remarks will be reflected in article topics and

new monthly features. Once again, thank you dear critics for keeping me on my toes to provide you with your money's worth.

### Student subscription program

College students are a transient bunch, driving our computers nuts with address changes. Nevertheless, we want to make sure they receive the magazine on a monthly basis.

Therefore, for the 1980/81 school year we are offering a student subscription program. We offer the following: half price rate for each student in Green Industry classes, complimentary subscription to the instructor, magazines will be distributed by the instructor the first week of each month.

Seniors especially should subscribe for the job listings and news of

employment trends. We will extend the student rate for one year after graduation.

We encourage instructors of technical and four-year programs to write for more details. In fact, if there are areas which you would like us to research and feature in the magazine, please let me know. Or, if you have research findings you would like to publish let me know.

As I have told other professors, if a student project reveals important trends or events in the Green Industry, we'd like to publish the work.

### Seasons greetings and best wishes

The staff of all the Harvest Business Publications magazines want to wish you and your family a Merry Christmas and a Happy New Year.

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72" PTO Model

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Matter of fact, in six short years, Pennfine has become the standard on fine golf courses throughout the South.

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Another Pennfine advantage: It allows a smooth spring transition to bermudagrass.

Write now for more information.  
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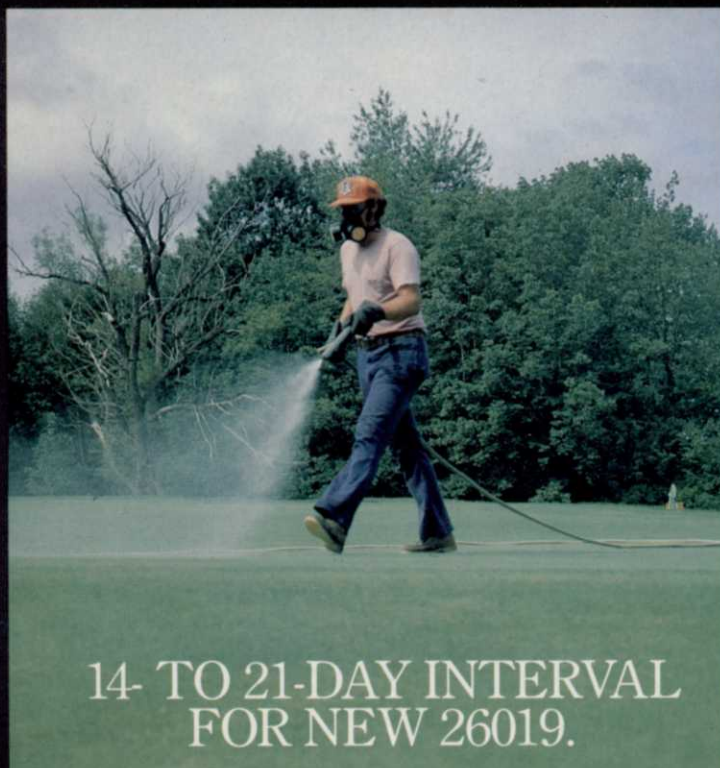
**The best thing growing.**

**The seed that's changing  
golf in the South.**

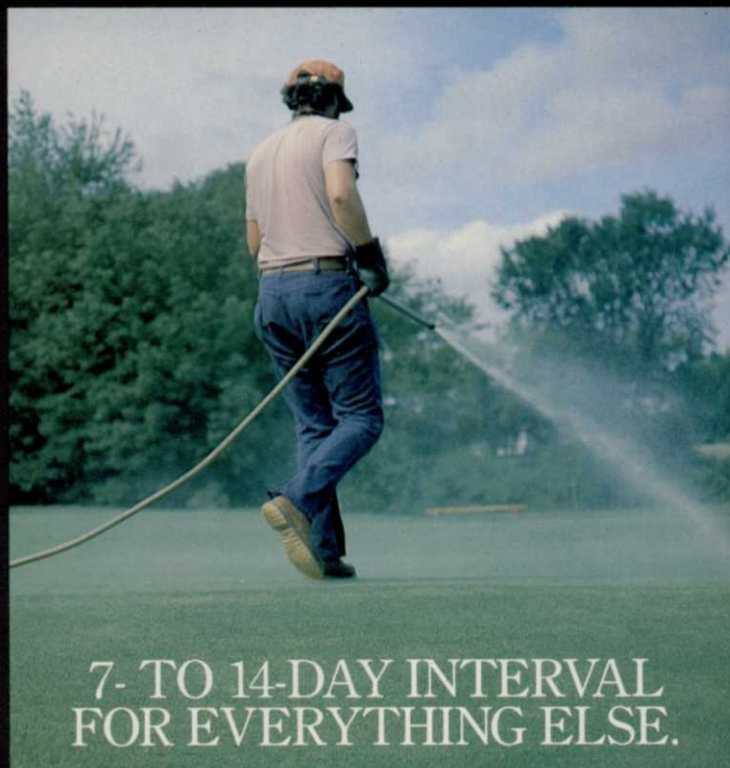
**Pennfine Perennial Ryegrass**



# INTRODUCING CHIPCO® 26019 THAT WILL OUTPERFORM WITH ABOUT HALF THE



14- TO 21-DAY INTERVAL  
FOR NEW 26019.



7- TO 14-DAY INTERVAL  
FOR EVERYTHING ELSE.

Here's a new fungicide that could change your whole way of thinking about broad-spectrum fungus control *and* spray intervals. Because new Chipco 26019 gives more control with fewer sprays than any of the old fungicides you've had to use.

It stops the major turf diseases—dollar spot (including benomyl-resistant dollar spot), brown patch and Helminthosporium (leaf spot). And it does it for up to three weeks, at low, economical rates.

It's a nice material to handle, too. It mixes well, with no residual left in the tank. It also presents no problems of phytotoxicity to turf.

Last year was a wet one, with unusually high disease pressure in most areas. Yet, Chipco 26019 performed beautifully in wide-spread tests. This year, you'll have the chance to see how well it can perform for you. So ask your chemicals distributor for this welcome addition to the popular Chipco



# 26019. A TURF FUNGICIDE ANYTHING ELSE YOU CAN USE, THE NUMBER OF SPRAYS.

line of turf fungicides and herbicides. It will outperform anything else you can use, with about half the number of sprays.

## "YOU FOLKS HAVE SOMETHING GOOD HERE."

"The main reason I'll use Chipco 26019 is to control dollar spot. Picking up brown patch and the others is gravy, as far as I'm concerned. This is a real good new chemical."

—Bob Dickison, golf course superintendent  
Upper Montclair Country Club, Clifton, N.J.

"I feel very good about this product. We tested it during one of the roughest summers in my memory. I think, over a 14-day period in August, we had very close to 10 inches of rain. It was an acid test for the material. These chemicals come and go, and some of them are short-lived. But you folks have something good here. The sprayability of Chipco 26019 is very impressive. And you only need six to 10 hours of drying time, which helps a lot during rainy periods. Some other materials require at least 12 hours."

—Paul Boizelle, golf course superintendent,  
and John Fenwick, foreman,  
Fiddler's Elbow Country Club, Far Hills, N.J.

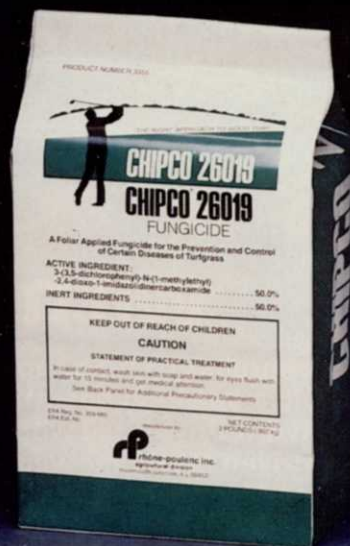
"We started using Chipco 26019 in June of 1977. Before we started using it, we had very little luck with our other contact and systemic fungicides in certain areas. We were applying some contact fungicides at preventative and curative rates, and still only getting two or three days control, with the usual cold fronts coming through, followed by large outbreaks of dollar spot. Since we started using Chipco 26019, we haven't found dollar spots in these areas at all."

—Randy Wahler, golf course superintendent  
Glen Flora Golf Course, Waukegan, Ill.

Rhône-Poulenc Inc. Agricultural Division,  
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combination of the three. There is a 2-range hydrostatic transmission which affords mowing speed as well as transport speed to insure minimum travel time between the job sites. The Hydro-Power 180 offers year-round versatility with a 2-stage 66" snow blower and heated cab.

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