

TRIM YOUR LABOR COSTS...

... with Atrinal®, the spray that keeps your shrubs the way you trimmed them.

Just trim once in the spring. Then spray *once* with Atrinal. (Where the growing season is longer, you may want to spray again in early fall.) Now hang up your pruning shears for the rest of the year.

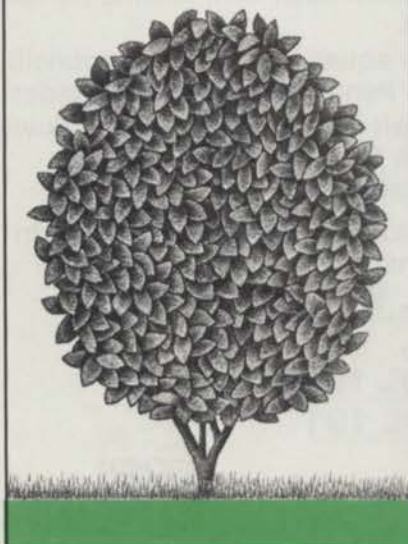
Atrinal systemic growth regulator inhibits apical bud growth, promoting lateral branching for lusher, fuller plants that keep their shape. Atrinal can also be used to suppress flowering and fruit set of ornamental olives and certain other species. And application is safe and easy.

For more information, write for the Atrinal Landscape Maintenance brochure.

Atrinal®

Maag Agrochemicals, Inc.
P.O. Box 6430
Kings Highway
Vero Beach, FL 32961-6430
305-567-7506

Atrinal can also be used for nursery and greenhouse crops.



Circle No. 132 on Reader Inquiry Card

PRODUCTS

Flexwing 215 Cutter handles large tasks

Roadside maintenance, large tracts and stalk shredding are all easily handled with the FMC Corp.'s Flexwing 215, a 15-foot cutter with hydraulic lifts to raise wings for compact trans-



port. Triple spindles on this model provide maximum cutting width with minimum skipping or streaking, and the automatic parallel lift makes hook-ups quick and easy while maintaining proper levels through all height adjustments.

Circle No. 201 on Reader Inquiry Card

Harrow lift provides easy transportation

Fuerst Brothers Inc. has introduced a new harrow lift to easy transporting of the F-l-e-x-i-b-l-e Tine Harrow. The lift attaches to a three-point hitch. In the raised position, it will suspend the

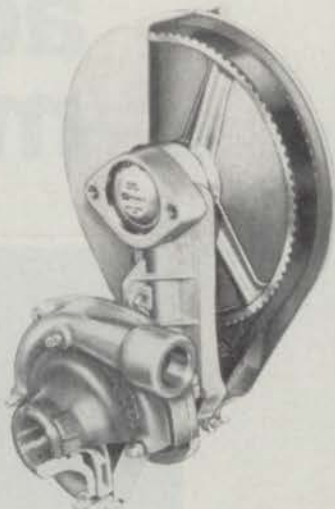


entire harrow from the rear. When the harrow is operating, the lift stays clear. It fits all Fuerst Hercules and Peerless eight, ten, and twelve-foot models.

Circle No. 202 on Reader Inquiry Card

Centrifugal pump has positive drive belt

The Hypro Series 9400 belt-drive centrifugal pump from Hypro Div., Lear Siegler Inc. features a positive drive method of power transmission for no-slip uniform output. Adjustment is simple and belts can be replaced without disturbing the PTO attachment.



The cast-iron pump is epoxy-coated to resist corrosion, and the drive mechanism is protected by a polyethylene shield. Pumps may be PTO mounted or PTO shaft-driven, and deliver either 65 or 80 gpm at 40 psi. The many corrosion-resistant features make this model especially suitable for use with certain herbicides.

Circle No. 203 on Reader Inquiry Card

Two fertilizers control turf insects

Lebanon Chemical Co. has formulated two products to fertilize and provide insect control on various turf areas. Oftanol 1.5 Granular controls both surface and subsurface insects, including grubs. It is granulated for stability in hot-weather applications, has a low solubility, and resists leaching when distributed into the soil. Oftanol is EPA approved, and has little effect on earthworm populations.





ROCKHOUND TEACHES THE ABC'S OF GROUND PREPARATION

A SERIES ROCKHOUND



B SERIES ROCKHOUND



Open bottom—PTO Drive. Rocks are raked to a convenient windrow for later pickup.

COST EFFECTIVE ROCKHOUNDS Rake and collect rocks and surface debris, leaving the soil in a fluffy, level, seed-bed quality condition.

*It does not cost to own a **Rockhound** . . . **IT PAYS!***

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KEM ENTERPRISES, INC. 2309-A So. Tacoma Way, Tacoma, WA 98409

Circle No. 126 on Reader Inquiry Card

Pro 32-3-8 25 percent SCU + Oftanol 1.5 Granular provides similar control, with the added benefit of fertilization. Circle No. 204 on Reader Inquiry Card

Mulching made simple with Bale Chopper

The Bale Chopper, from Goossen Industries, shreds and blows mulch, straw, paper, leaves, and grass with ease. Mulch or compost can be applied either with a 180-degree directional blower or with a 20-ft., six-inch-diam-



eter flexible hose. The chopper is designed for quick, even coverage of large rows or areas.

Circle No. 205 on Reader Inquiry Card

Scientific Guide To Pest Control Operations

by Dr. L.C. Truman
Dr. G.W. Bennett and
Dr. W.L. Butts



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The SCIENTIFIC GUIDE TO PEST CONTROL OPERATIONS is designed to provide a sound basis for studying the scientific aspects of pest control and promote technical competence. It places emphasis on urban and industrial pest problems. This volume also covers the laws and regulations concerning the pest control industry.

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WTT 54

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Electronic ignition simplifies starts

The Power-Start electronic ignition module from Power Lawnmower Parts Inc. is said to eliminate the need for troublesome points and condensers on most two and four cycle engines for outdoor power equipment. Modules are designed for long



continued on page 77

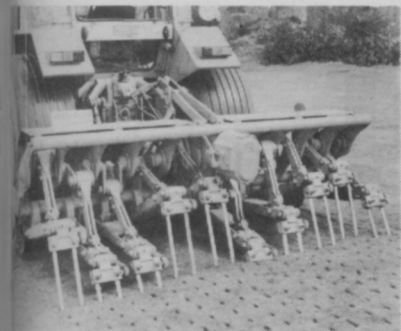
POWER START *from page 74*

life, quick starting, and easy installation and maintenance.

Circle No. 206 on Reader Inquiry Card

End soil compaction with Verti-Drain

Redexim B.V. of the Netherlands has introduced the Verti-Drain, which features 20 tines that press into the ground to a maximum depth of over 15 inches. This system is said to allow adequate absorption of air, water, and fertilizer into the soil, thus eliminating the problem of soil compaction. Verti-Drain can be mounted on the rear of a 65-hp tractor with broad tires and high elevating power.



The tines work in pairs to penetrate the soil at an adjustable angle. When they are withdrawn, a jerking motion breaks up compacted soil and rows of holes are made, which can be varied in widths. Three models range in width from 59 in. through 98-1/2 in. Circle No. 207 on Reader Inquiry Card

Diaphragm pumps make Smithco unit versatile

Smithco sprayers are equipped with Hypro diaphragm pumps that enable them to handle abrasive, granular ma-



terials, wettable powders, and corrosive chemicals without damage. Both sprayers in the line are built for low-cost operation and long wear.

The Lark Special delivers up to 9.5 gal/minute, with pressures up to 550 psi. The Hawk Special delivers up to 14.6 gal/minute, with pressures also to 550 psi. Any material sprayed in either pump has no contact with the critical moving parts, and any liquid-handling parts are epoxy coated for long wear. Pumps also run on lower

horsepower while still meeting pressure spray requirements in normal use. Circle No. 208 on Reader Inquiry Card

Chipper has power with less noise

Model 984 tree and brush chipper from Olathe Manufacturing Inc. has a 42-in.-diameter chipping drum that can turn at 750 rpm. This design al-

continued on page 82

GET THE FEELING THEY KNOW SOMETHING YOU DON'T?



They do. It's their job to know things first and then pass that information on to you fast. Things like new turf management techniques, effective methods of insect and weed control, what really works... and what won't.

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They should. You've seen them often at turf shows, seminars, conventions, wherever industry news is in the making. They're the editorial and sales management team of **WEEDS TREES & TURF**. Please meet (seated l. to r.) Ron Kempner, Bruce Shank, Dick Gore, and Maureen Hrehocik; (back row l. to r.) Bob Mierow, Kevin Cooney, Joe Kosempa, and Bob Earley.

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They apologize for not always being in when you call, but great stories are found in the field, not in the office. These pros know the only way to really cover the green industry is to get out and be a part of it. From turf test plots in Oregon to the corridors of our Nation's Capital, they're following leads, surveying markets and interviewing the

landscape professionals who make our industry hum. Then, they use their years of experience to pull it all together, analyze it and present it to you in a crisp, easy-to-read and easy-to-use style. That way, you have the information you need to do your job better, faster and more effectively.

The next time you want to know something in the green industry, give them a call. If you can't reach them at the office, don't worry. They'll reach you in the pages of **WEEDS TREES & TURF**.

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Circle No. 104 on Reader Inquiry Card

CHIPPER from page 77



allows it to have an economical power use without maximum noise. It can handle logs to 12-in.-diameter or 12-in. slabs, and features a controlled hydraulic feed with uniform chip size.

Circle No. 209 on Reader Inquiry Card

Cable plow built for stability, long use

The B-30 cable plow from Burkeen Manufacturing Co. replaces the DP30, while keeping features such as a Hatz

What makes Ryan® big aerators worth the investment:

Large area cultivation plus five choices of tines to get to the root of your problem fast.

Chances are, your turf is slowly choking to death.

Every time you cut grass, it gets harder for water and fertilizer to seep down through the thatch build-up.

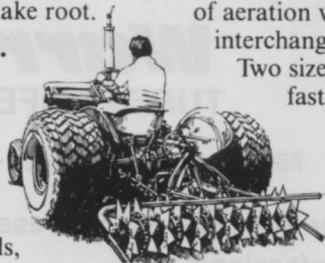
And every time your soil is walked on, or dried out by hot weather, it gets harder for the grass to breathe.

And for new grass to take root.

Ryan has the solution.

Ryan solves your turf problems with an aerator specifically built for your type of turf.

On fairways, parks and other uneven grounds,



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To aerate flat expanses of turf (like athletic fields), choose the Ryan Tracaire®.

Both cover a wide 6-foot swath.

Both can be mounted to your tractor's 3-point hitch.

And both let you vary the amount of aeration with a unique system of interchangeable tine wheels:

Two sizes of **coring** tines for the fast-growth weeks of spring.

*The Ryan Tracaire —
built specifically
for athletic fields and
other flat grounds.*

Two sizes of **deep-slicing** tines to open up dry soil in the summer.

And **open-spoon** tines to prepare the turf for new seed and fertilizer in the fall.

No other equipment gives you such thorough aeration, season after season.

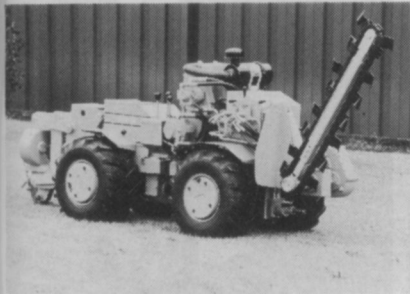
A free demonstration.

Of course, the best way for you to learn about the Ryan Tracaire and Renovaire aerators is to see them in action.

On your own grounds.

To do that, just return our coupon today. Or call us toll-free, 1-800-228-4444.

diesel engine, articulation, spring isolated plow, and gearbox driven trencher. New features include low profile for stability, large hydraulic reservoir, streamlined hydraulic system, heavier weight for more traction, new controls, and various options.



Circle No. 210 on Reader Inquiry Card

Hydroseeder features big tank loads

Finn Corporation has introduced the T110 hydroseeder with a 1,000-working-gallon tank, standard heavy-duty centrifugal pump, hydraulic motor-driven agitator, dual agitation, and remote hose operation. These components enable the T110 to seed, fertilize,

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distances to 90 feet. The T110 is available as a gooseneck model or skid mounted, and features several options that allow it to function for dust control, high-pressure tree spraying, equipment cleaning, and other uses. **Circle No. 211 on Reader Inquiry Card**

Hose, cable reels are neat and quick

and mulch up to 1/3 acre; or just seed and fertilize as much as 3 1/2 acres at

Hannay portable hose and cable reels. Models 1100, 1200, and 1300 are de-



signed to get the job done fast, without piling, tangling, kinking, or lugging. Pickup and storage are neat and quick; wear and tear are minimized. Hose models are direct crank rewind, continuous flow reels with swivel joint inlet, fluid hub, and outlet riser. Cable reel uses direct crank rewind, has three-conductor wiring, and features a six-foot lead with 110-volt plug prewired to the reel.

Circle No. 212 on Reader Inquiry Card

Wet or Dry

Get the Pene-Turf Advantage For Less Than Half the Cost.



IN WET WEATHER, Pene-Turf makes soil more permeable, aiding drainage and reducing runoff.



IN DRY WEATHER, Pene-Turf means better availability of capillary water to keep grass from drying out.



Hundreds of professional turfmanagers across the nation know the benefits of Pene-Turf Soil Treatment...improved permeability and aeration in the soil...better rooting, drainage and chemical incorporation...elimination of isolated wet and dry spots and protection against erosion.

But the best fact is the cost. For less than the cost of treating only greens with similar products, you can treat the entire course with Pene-Turf. It's the most cost-effective weapon you have against all kinds of soil and soil water problems.

Find out for yourself...write today for more information, or call TOLL-FREE, 1-800-348-2608. Distributor inquiries invited.

Distributors: Circle No. 119 on Reader Inquiry Card



Dept. WT—2275 N. State Road 1—P.O. Box 463—Bluffton, IN 46714

Toll-Free: 1-800-348-2608
Indiana: 219-824-5384 Collect

Circle No. 118 on Reader Inquiry Card

Mower catches grass, powered by Honda

New design features abound in the Walker Manufacturing Co. mower. It has a 6.7-bushel grass catcher and an oscillating delivery spout to pack the catcher full, even when mowing long/wet grass. Walker has added a 42-in. rear discharge deck to fit on the basic tractor. A Honda G400 industrial engine powers the mower, and is designed for long life and reliable performance.

Circle No. 213 on Reader Inquiry Card

New applicator line for lawn care pros

The GN600 lawn care applicator from Great Northern Equipment Co. is designed for the special needs of lawn care professionals. It handles 600 gallons in a stainless steel tank, for 200,000 sq.-ft. of coverage per load. It can be mounted on existing chassis, or ordered on a one-ton Ford diesel truck. The applicator, and others in the line with capacities to 1,600 gallons, feature pump-on and pump-off valve system, screens before pump and hose reel assembly, full metal ca-