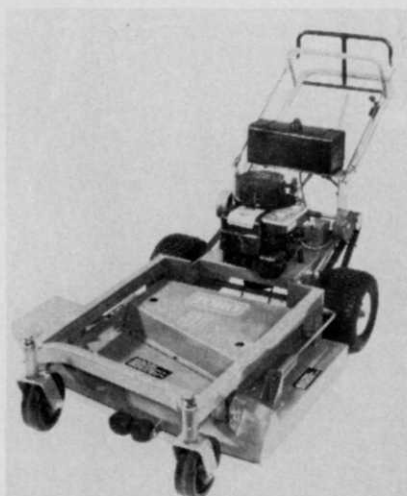


PRODUCTS

Toro unveils two walk-behind rotaries

Traction units that Toro says are more maneuverable than any currently on the market are the main features of the new 36-inch and 52-inch walk-behind rotary mowers unveiled by the mowing equipment manufacturer this spring.

A unique T-Control steering design coupled with power reverse provides easy controlled operation for trimming near trees and other obsta-



cles, while simply releasing the steering "T" stops the mower. The mowing decks on these models are the same size as used in Toro's Groundmaster riding rotaries, as well as the pin-and-bracket height of cut adjustment that lets workers quickly change cutting heights without tools.

Circle No. 180 on Reader Inquiry Card

Prescription blending with Basic 4 Injector

Now available to mount on your existing spray equipment, the Agro Chem Basic 4 Injector automatically injects from 1 to 4 products into your spray hose at any dilution desired. Powered by your existing pump, the Basic 4 mounts on all sprayers, records quantity of chemicals used and changes the chemical mix instantly on command. Special problems encountered on the lawn or fairway can be readily solved with the automatic custom-blending made possible with this device.

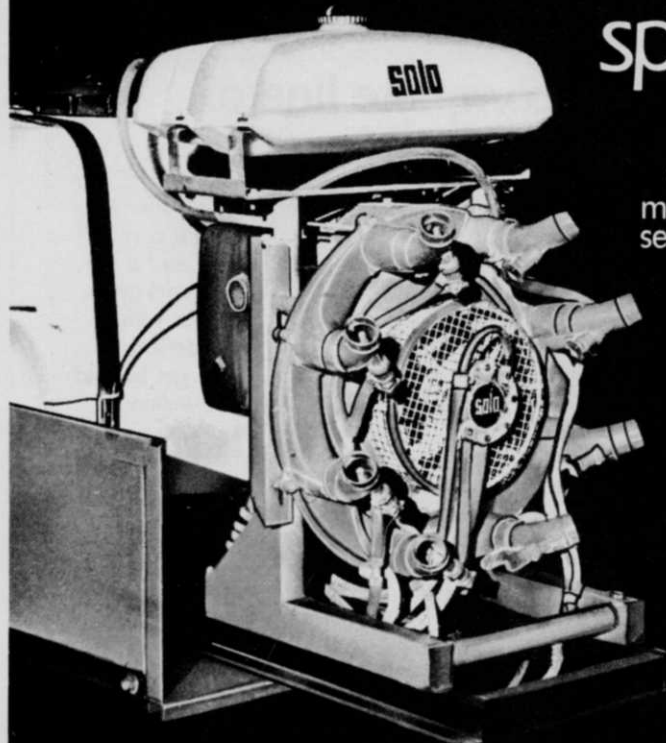
Circle No. 181 on Reader Inquiry Card

Shindaiwa model is lightweight trimmer

The Shindaiwa T-20 is designed to be the best trimmer value for the serious landscaper. Weighing 9.75 pounds, the T-20 is the world's lightest straight-shaft trimmer available, according to the manufacturer.

It includes a 1.1 hp 21.1cc engine.

don't spend a fortune on spraying equipment check with **SOLO** first



With the **Trac 419/32**, SOLO provides you with a modern low volume high concentrate mistblower, self-contained, mounted on a frame with 32 gallon formula tank and with its light-weight of only 130 lbs. empty, it is ready to fit any carrier, from pickup truck to garden tractor or trailer.

Or... build a system of your choice with SOLO'S **Trac 419**, using any tank or frame.

Or... modernize an old pump/air blast spray rig with SOLO'S **Trac 419**.

The SOLO 419's come with their own powerful 12½ hp engines, prepiped and can treat a 40 ft. swath, 20 ft. high... or up to 50 ft. in any direction with optional **TELEBLAST** nozzle.

ULV application possible.

Also available with skid mounted 55 gallon tank.

Send for free brochure or ask your dealer for **SOLO Trac 419**.

SOLO INCORPORATED, 5100 Chestnut Avenue, P.O. Box 5030 - Newport News, VA 23605-0030.

SOLO

Circle No. 148 on Reader Inquiry Card



The T-20 is built with an engine anti-vibration system for comfortable operation and a diaphragm carburetor for all-position cutting. Other features include electronic ignition, spark arrestor muffler, four ball-bearing gearcase and one-piece drive shaft.

Circle No. 182 on Reader Inquiry Card

Tennant offers 2-year sweeper warranty

The Tennant Model 360 rider sweeper offers customers the latest developments in sweeper design, warranty and factory support, according to the manufacturer.

The new sweeper uses a rotating seal that combines with the broom to hurl debris into the unit's 16 cubic-

foot hopper for improved loading and larger payload. The seal also seals dust in the hopper. The unit sweeps a five-foot path at speeds up to 8.5 mph and can clean 178,000 square feet per hour. It's also backed with a 2-year, 2,000-hour warranty plus guaranteed parts shipments.



Circle No. 183 on Reader Inquiry Card

Fish fertilizer is odorless, convenient humus gives best for less

Albert's Best Odorless Fish Humus offers natural composted fish fertil-

izer in an easily handleable form.

Mixed with half wood by-products, the formula includes N, P, K, Ca, Mg, S and a large number of trace elements found in seaweed and other ocean products for a balanced plant diet. Albert's Best is free of weed seeds and nematodes due to the heat generated during the composting process, and has an inoffensive odor suitable for many applications, including use as potting soil.

Circle No. 184 on Reader Inquiry Card

MMM expands operations stateside

Europe's largest replacement reel and bottom blade manufacturer, Mowing Machine Maintenance, has opened shop in the United States with domestic headquarters in Andalusia, AL.

The firm uses specially-hardened steel similar to car spring material for its products, which attain tensile strengths of 110-120 tons. MMM super strength cutting cylinders utilize a thin cutting face with greater relief from friction, which provides a more precise cut for less power. Those cylinders also virtually eliminate break-

What makes a Cushman turf vehicle worth the investment:

Turn your crew's walking time into working time. It's the fastest way to increase productivity.

If you stop to figure how much time your crew spends every week —just walking—you'd probably be shocked.

You'd also understand the economics of taking your crew off their feet and putting them into one of our tough turf vehicles.

Take the Cushman Runabout®, for instance. It carries two workers and up to a half ton of fertilizer, sand, sod or supplies.

The Runabout's 18-hp engine features a 4-stroke cycle for extra torque and longer life (a 12-hp model is also available).

For smaller needs, and budgets, consider the Cushman Turfcar™. It too can transport a pair of workers at up to 14 mph. And there's cargo space for rakes, hose, trimmers or up to 250 pounds of other supplies. The sturdy 7-hp engine can run all day on just a little gas. And a sealed-beam head-

light lets the work continue into the night.

A free demonstration.

Of course the best way for you to learn about the Cushman Runabout and Turfcar is to see them in action. Right on your own grounds.

To do that, contact your Cushman dealer or call toll free **1-800-228-4444**.

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CUT4-2045

ing, binding and mid-season grinding, according to the manufacturer. The reels are guaranteed from defects for one year while bottom blades are warranted for 90 days.

Circle No. 185 on Reader Inquiry Card

Walker Mower has compact features

The Walker Mower easily outmaneuvers walk-behind mowers on the turf with its hydrostatic ground drive, while its compact dimensions get into the same tight spaces the walk-behinds reach without secondary cutting.



The first built-in grass catching system available in the industry with no external chutes, blowers or catchers to limit maneuverability also comes with the Walker models. Other features in the compact rider include a low center-of-gravity that makes for easy handling on slopes, flexible cutting deck suspension, timed gear/PTO drive shaft for the blade drive to provide a compact deck size and low maintenance, and a tilt-up body for easy drive train servicing and maintenance.

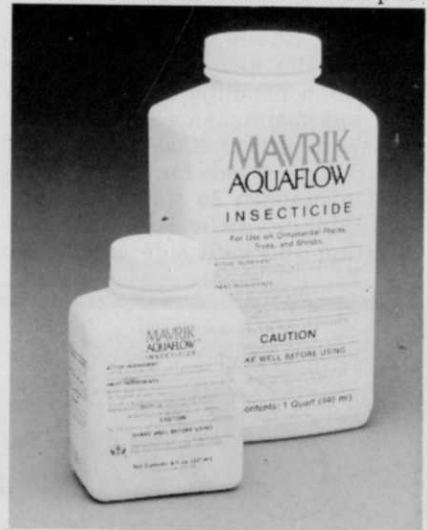
Circle No. 186 on Reader Inquiry Card

Aquaflow available in quart containers

Mavrik Aquaflow, the broad-spectrum insecticide developed specifically

for use on ornamentals, is now being packaged in one-quart containers in addition to the 8-ounce bottle currently available to the industry.

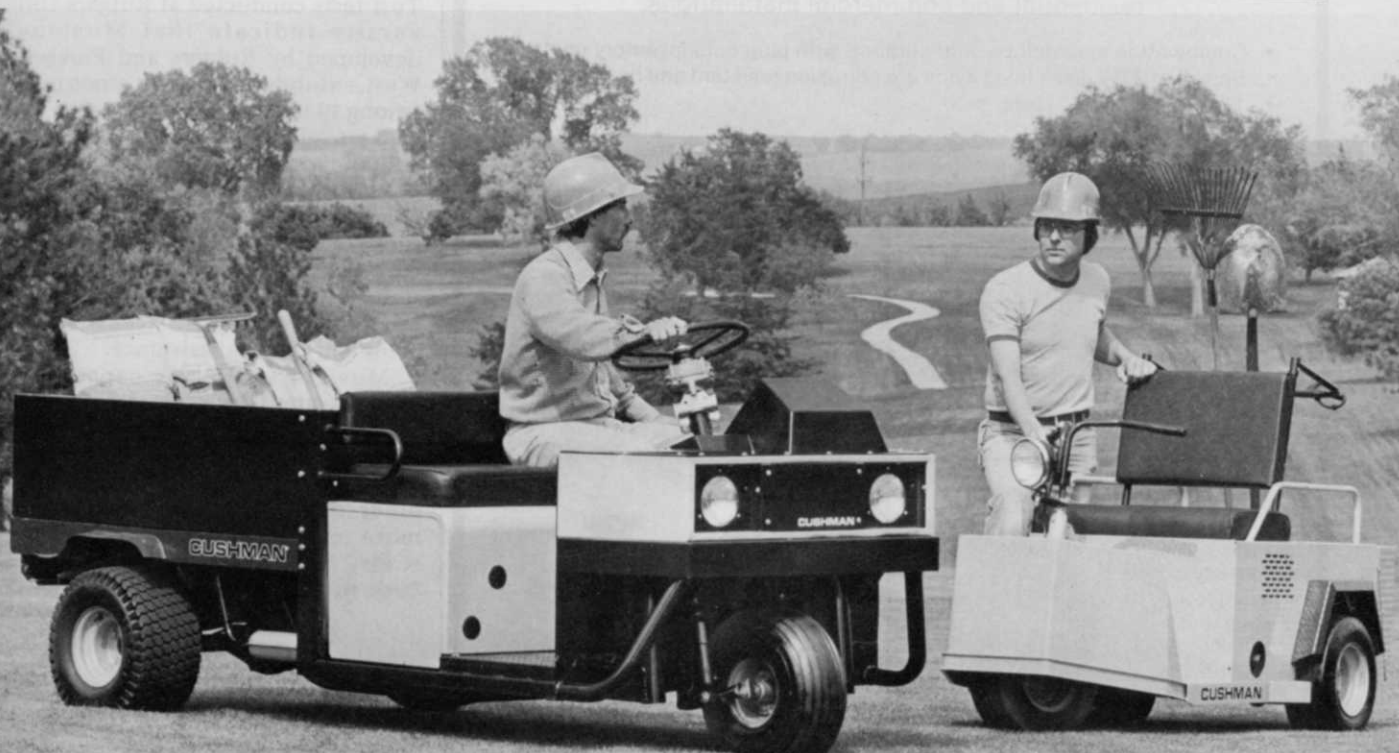
The new container can treat up to



**Coming in May
Trends in Trimming
and
Edging Equipment**

16 acres, and Aquaflow acts primarily as a contact poison similar to photostable pyrethroids. It is effective against aphids, thrips, whiteflies, leaf-eating caterpillars, lygus bugs, flea-beetles, cucumber beetles and leafhoppers.

Circle No. 187 on Reader Inquiry Card



CUSHMAN®

5064 Cushman, P.O. Box 82409, Lincoln, NE 68501

It works harder because it's built better.

APRIL 1984/WEEDES TREES & TURF 77

Sickle bar mower gets tall grass, weeds

Sensation Power Equipment Division has added a sickle bar mower to its line of heavy-duty commercial lawn maintenance equipment.

Built with a 5-hp Briggs & Stratton engine, the new mower provides maximum handling ease, durability and low maintenance, according to the manufacturer. It features forward and reverse speeds for easier cutting maneuverability in small areas and unlocking drive wheels for easy transportation and both side and height



adjustments.

Circle No. 188 on Reader Inquiry Card

Vibrating plow attachment new from Vermeer

The V-3018 vibratory plow, engineered specifically for the V-430 Trencher, is now available from Vermeer Manufacturing Co.

A self-contained hydraulic system provides maximum efficiency, while



the shaker-type unit uses the counter-rotating action of sealed vibratory weights to direct bury cable and flexible tubing up to 1-inch diameters. The V-3018 comes equipped with either 14-inch or 18-inch alloy steel blades. Circle No. 189 on Reader Inquiry Card

Buckner®

Brings Beauty with 16 New Nyglas Valves for '84

For waste water, industrial, turf, drip, ornamental, residential and commercial installations.

- Combination angle/globe configuration with plug cuts inventory costs.
- Bodies of 30% glass filled nylon are corrosion resistant and nature proof.
- 1", 1½", 2" and 3" sizes.
- Low pressure loss.

ELECTRIC

2-way 24 VAC solenoid.
Buna N nylon reinforced diaphragm.

Model 20504
2" FPT



PRESSURE REGULATING

Adjustable pressure regulator features a locking device to maintain pressure settings.

Model 20106
3" FPT



CONTAMINATION RESISTANT

3-way solenoid normally closed.
Handles dirty water and effluent systems.

Model 20906
3" FPT



HYDRAULIC

Normally open.

Model 21603
1½" FPT



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(209) 275-0500 TWX 910 362 1167

Circle No. 145 on Reader Inquiry Card

Mustang shows its best colors

Turf tests conducted at Rutgers University indicate that Mustang, developed by Rutgers and Pickseed West, exhibits the deepest green color among 19 tall fescue cultivars.

It was given a color rating of 7.2 on a 9-point scale, followed by Olympic (7.0), Hounddog (6.5), Rebel (6.2.), Falcon (5.5), Clemfine (4.4) and Kentucky-31 (4.3). According to the producers, turf data from major universities rank Mustang very high in overall turf quality, dark green color and disease resistance.

Mustang's tillering capacity is much greater than K-31, so it can produce adequate turf with lower seeding rates. The reduced rates provide turf that is a little more open than other types and therefore may be more tolerant of heat and summer stress.

Circle No. 190 on Reader Inquiry Card

Sprayer/utility trailer kits available

Constructed of 10- and 12-gauge steel with baked enamel finish, J.F. Wirth & Sons' new line of sprayer/utility trailer kits hold up to 1,060 pounds.

The kit includes two 4-ply tubeless tires as well as fenders and all electrical wiring and taillights. The trailers



are 48 inches long (overall length of 81.5 inches) with a 40-inch width. The class I coupler with the kit fits 1 7/8-inch trailer balls.

Circle No. 191 on Reader Inquiry Card

Spec introduces straw mulch tackifier

Az-Tac, a general purpose straw mulch tackifier, is available from Spec International Inc. for hydromulching and hydroseeding applications.

A suspension agent in Az-Tac keeps wood fibers and seed in suspension and imparts high lubricity to the mixture. This results in more mulch per load and a more uniform distribution of mulch and seed, according to



the manufacturer.

Circle No. 192 on Reader Inquiry Card

Aqua-GRO suppresses Poa on golf greens

Cornell University Agronomist Martin Petrovic has found Aqua-GRO, the soil wetting agent, to be effective and safe in suppressing *Poa annua* seed-

head development on golf course greens. Suggested rates provide 60-70 percent seedhead reduction with no setback in turf quality. Two application, ten days apart, are recommended.

Circle No. 193 on Reader Inquiry Card

Classen Plugger fits in auto trunk

The Classen Model 200 Plugger Aerator fits easily into the trunk of a car. Stainless steel tines, driven by a 3 hp gasoline engine, can aerate 2,400



square feet per hour. The unit weighs 100 lbs. and can operate within three-inches of sidewalks.

Circle No. 194 on Reader Inquiry Card

Nitrogen costs money. So does water for that matter. And bluegrasses need them both.

Well, most bluegrasses.

Tests have shown that Rugby tolerates heat and drought better than most bluegrass cultivars. Rugby held its medium dark-green color and overall vigor on restricted moisture conditions. That makes *less watering* highly feasible.

A similar result happened in tests measuring the

The Way Some Bluegrasses You Wonder What

