

*Turfco has rubberized-belting flaps*

For greater efficiency in the application of sand top-dressing, Turfco Mfg. now provides an additional, standard feature with its self-propelled, Mete-R-Matic Top Dresser. They have added rubberized-belting flaps to three sides inside the hopper thereby minimizing seepage around the conveyor belt when such dry material as sand is used.

The belting has been added to meet the ever increasing demands for using straight sand or high content sand for top dressing golf course greens. The new feature is also effective when sand and salt is applied to icy driveways or parking lots. The unit spreads a 31.5-inch swath of top dressing through the action of its original, rear-mounted, high-speed, rotating brush driving materials downward with a force sufficient to penetrate to the base of the turf,

*Continues on page 44*

ryegrass was lower for several weeks after the metribuzin treatment, but the initial injury was temporary and treatments did not affect turf cover. Similar results occurred when methazole was applied on the day of overseeding and this injury significantly reduced turf growth and cover when compared with growth in plots treated 1 or more weeks before overseeding (Table 1). Metribuzin applied at least 1 week before overseeding did not affect seedling vigor. Combinations of MSMA (2.2 kg/ha) with either methazole or metribuzin at a lower rate (0.1 kg/ha) did not affect seedling vigor at anytime.

In some instances ryegrass population was higher in treated plots than in untreated plots (Table 1). This resulted from initial bermudagrass injury from the herbicide treatments as previously reported (2, 3) and reduced bermudagrass competition during ryegrass establishment.

These results show that combinations of MSMA with either methazole or metribuzin can be applied for goosegrass control at anytime in late summer up to the day of overseeding bermudagrass greens with ryegrass without affecting the stand of newly planted grass.

**Literature Cited**

1. Bond, W., and H. A. Robert. 1976. Persistence of methazole activity in soil. *Weed Res.* 16:23-26.
2. Johnson, B. J. 1976. Turfgrass tolerance and weed control with methazole and metribuzin. *Weed Sci.* 24:512517.
3. -, 1980. Combinations of MSMA with methazole and metribuzin for goosegrass (*Eleusine indica*) control in bermudagrass (*Cynodon dactylon*) turf. *Weed Sci.* In press.
4. Savage, K. E. 1977. Metribuzin persistence in soil. *Weed Sci.* 25:55-59.

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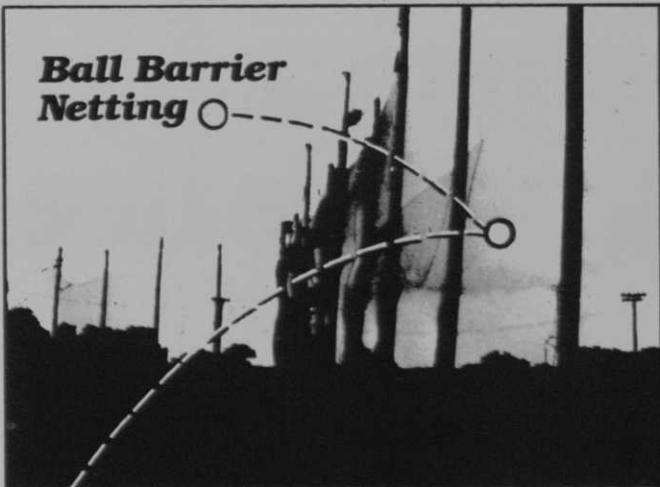


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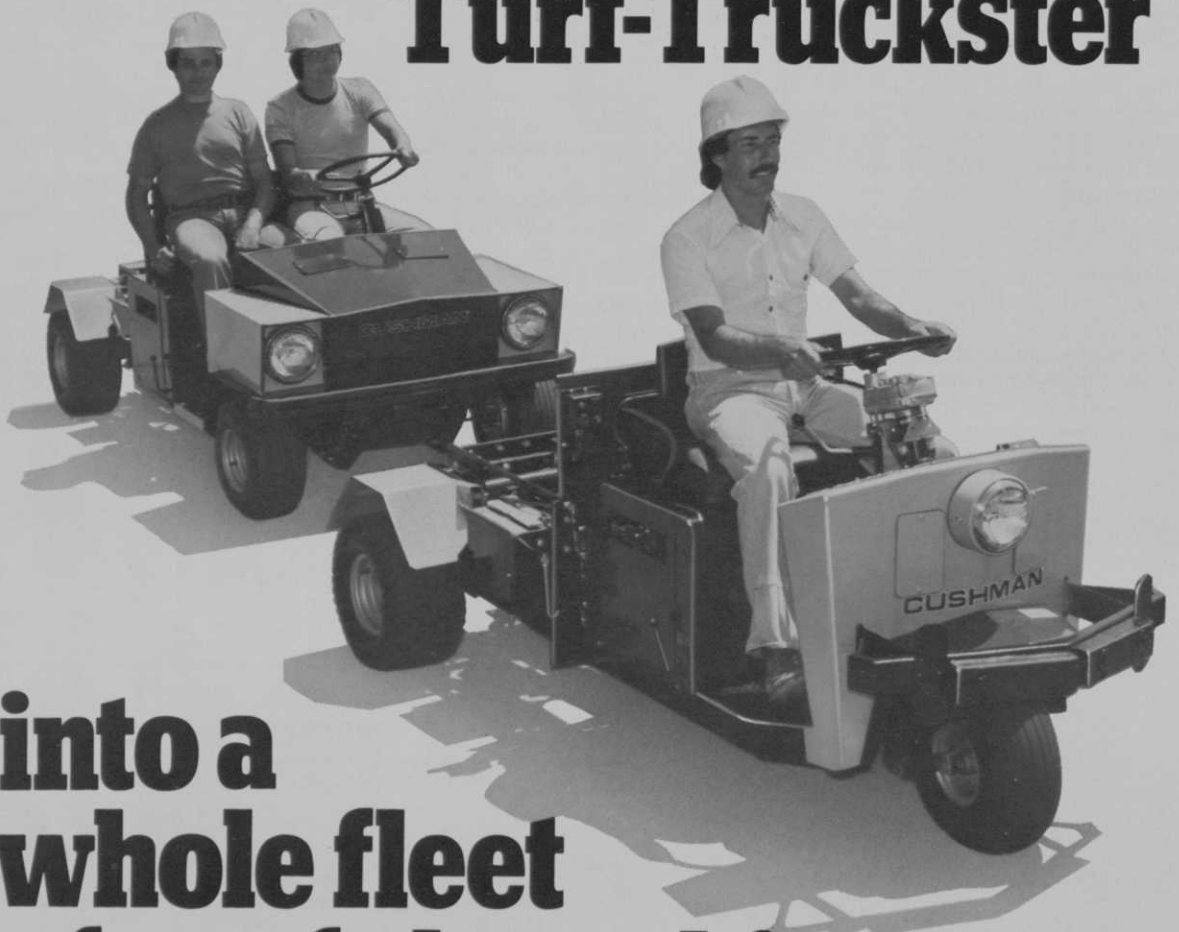
*... an entirely new, easily installed barrier net, produced by the same company that makes superior netting for tennis and industry.*



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# It's a snap to turn a Cushman Turf-Truckster



## into a whole fleet of useful machines.

On its own, the Turf-Truckster® is an impressive way to move people, tools and equipment quickly and economically. And, as the workhorse of the Cushman® Turf-Care System, it's without equal.

Both the 3- and 4-wheel Turf-Truckster vehicles are powered by a rugged, air-cooled 18-hp OMC engine. And recent improvements help this year's Turf-Truckster deliver a 1,500 pound payload capacity.

What's more, in a matter of minutes, the Cushman pin-disconnect system and wide range of optional attachments can turn the Turf-Truckster into any of the specialty machines on the next page. All interchangeable. All engineered specifically for the turf-care professional.

No bolts. No hitching. No more jerryrigged trial-and-error attachments. Imagine how much time that convenience, and these accessories, could save you in the year ahead.



**Cushman's  
pin-disconnect system  
makes equipment attachment a snap.**

## GREENSAVER® AERATOR

The Greensaver aerates greens, tees and other turf areas up to 10 times faster than walk-type units. Select 1/2" or 3/8" coring tines (both coring drums will collect cores as you aerate) or slicing tines to match your turf.



## SHORT BOX & FLATBED BOX

Your Turf-Truckster becomes a flatbed hauler with just two pull pins in place. Bolt on the optional side panels and tailgate to the flatbed, and you have a 1,500 pound capacity\* box that can be dumped manually or hydraulically.



## TOP DRESSER

Compared to self-powered or walk-type top dressers, this unit quickly pays for itself in saved manhours. A rubber fabric moving bed and rotating brush are matched to the vehicle's ground speed governor for an evenly spread 31 1/2" swath. The clutch control, to engage spreader, can be operated from the driver's seat. And the hopper holds up to 1,000 pounds of material.



## SPREADER/SEEDER

Mounted on the optional Short Box or Flatbed/Box, its cyclone action broadcasts as much as 300 pounds of seed, fertilizer or other material over a 40' wide area. The Spreader/Seeder is powered by the Turf-Truckster vehicle's optional PTO with extension shaft. And the controls are operated from the driver's seat.



## SPRAYER

With optional 15' boom and handgun, this attachment is ideal for spraying greens, trees, bushes or roughs quickly and accurately. Powered by the Turf-Truckster vehicle's optional PTO, and equipped with ground speed governor, calibration is easy and thorough. The 100-gallon tank means fewer refilling stops.



## QUICK AERATOR

With its 46" swath, this attachment earns its name by finishing big aerating jobs fast. By hydraulically lifting it into transport position from the driver's seat,\*\* you can move quickly from job to job, too. Choose from three tine styles, slicing, coring (2 sizes) and open spoon.



## POWER CONVERTER

The Cushman Power Converter is an inexpensive way to turn your Turf-Truckster into a mobile power plant for electric tools, floodlights... anything with a universal motor that draws up to 12 amperes at 120 volts DC. So instead of bringing small repair jobs back to the shop, your crew can handle them in the field.



To find out more about how the Cushman Turf-Care System can make your work force more productive, ask your Cushman Turf Dealer for an on-turf demonstration soon. For the name of your nearest dealer, call Cushman Information at 402-435-7208.

\*Rating for vehicle equipped with 9.50-8 rear tires.

\*\*Optional hydraulic system and dump set required.

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# CUSHMAN® The Labor-Saving Turf System

1002 Cushman, P.O. Box 82409, Lincoln, NE 68501, 402-435-7208

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resulting in promoting vigorous growth.

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### Air broom



*Produces 2000 cu.ft. of air/minute*

Atwater Strong Division introduces the new model 80-B, Lit-R-Blo, air broom. It is equipped with an 8-hp Briggs & Stratton engine, pneumatic wheels, and built in forward and side deflector. The front screen provides adequate protection and is self-cleaning. The front gage wheel is standard and can be removed. The machine is capable of producing more than 2000 cubic feet of air per minute at better than 150 mph air blast.

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### Gas-powered pump



*Barebo has floating evacuation pump*

Barebo Inc., manufacturer of the Otterbine Floating industrial aerators has introduced an innovated gas-powered, Floating Evacuation Pump. Available with any 3.5 to 8-hp Briggs & Stratton engine, these portable pumps can operate within two inches of water and can pass up to 3/4-inch diameter

solids. With no seals to wear out, Otterbine Pumps require little maintenance, according to the manufacturer. No need for suction hoses, foot valves or priming. Discharges water at a rate of 350 to 700 GPM.

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### Spinner spreader



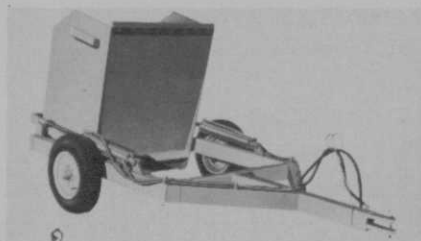
*Avco has new PTO-driven unit*

Avco New Idea has introduced a new tractor-mounted, PTO-driven spinner spreader, designed for easy filling and use. The double cone design of the Model 119 serves three purposes. First, it creates steep sides for constant material flow. Second, because there are two cones, the hopper has more than 14 cubic feet capacity. Third, it is low enough to be easy to fill.

The twin spinners can be set to broadcast in a wide arc or just to the left or right. A new shutter control allows for precise adjustment of spread rate, and with an optional hydraulic linkage, the shutter can be adjusted from the operator's seat. Stainless steel hopper blades resist material clogs. An oilbath gearbox and convenient adjustments help reduce maintenance time.

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### Hydra-Scoop leveler



*Unit has rugged construction*

The Hydra-Ladder Division of Knight Machinery Co. has introduced the Hydra-Scoop, a versatile hydraulically operated dirt mover and leveler. Available in two and three yard capacities, it is adaptable to many light and medium-duty jobs where a backhoe or larger earth mover might not be practical or economical.

Both Hydra-Scoop modes feature a large 1-inch pin-type trailer hitch for easy hook-up and highway travel, standard size hydraulic cylinders for easy part replacement, variable pitch cutting angle (1/4- to 8-inch depth), reversible blade for longer blade life, 1/4-inch steel plate bucket construction and unique truss structure blade design.

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### Greens King IV



*New mower back-laps in place*

Hydraulic back-lapping with reels in place, plus a variety of other operator conveniences are features of the newly improved riding greens mower introduced by Jacobsen Division of Textron Inc. With the new Greens King IV, an operator can backlap reels and bedknives simply by shifting the dual rotation hydraulic motor into reverse, a procedure accomplished by its own power without any additional tools. Each of the machine's three reel units is controlled individually, with lever positions for on, off and reverse.

Vehicle control has also been improved. Once the gear for mowing, transport or reverse has been engaged, the Greens King will proceed only when the accelerator pedal has been depressed. No clutch is used. Other improvements include an increase in fuel tank capacity to eight gallons, a maintenance free battery, and a repositioned operator seat and steering wheel for more convenience, comfort and control.

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# EXCEL HUSTLER

*Infinite maneuverability within its own radius with total control in the palm of one hand!*

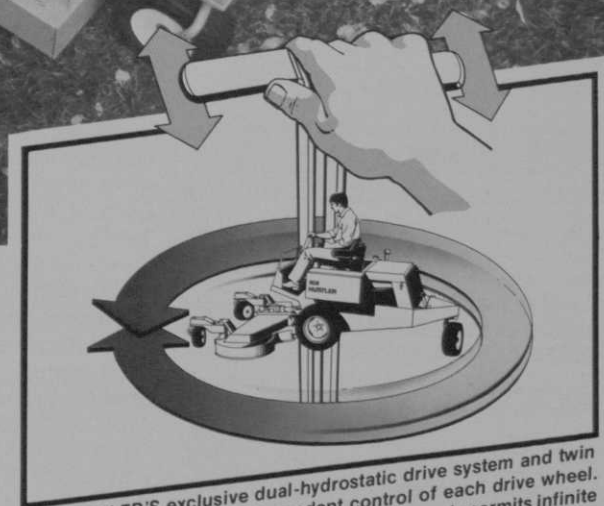


An EXCEL HUSTLER is designed for year 'round use, making it the investment that pays off in lower operating costs, superior performance and time savings. Less operator effort is spent maneuvering around obstacles and on daily servicing so productivity increases.

Three heavy-duty HUSTLER models are available:

1. HUSTLER 275 (20 or 23 hp gas)
2. HUSTLER 295 (25 hp gas)
3. HUSTLER 305 D (27.5 hp high efficiency diesel)

Attachments for all these HUSTLER models include the new 72" 3-way offset mower deck that mulches, discharges side or rear, a 60" flail mower, 72" heavy duty deck, edger, 54" snow thrower, 60" V-blade, 60" or 72" dozer blade, 60" rotary broom, utility scoop, ROPS/Cab and more. Call toll free 1-800-835-3260, or write for information.



The HUSTLER'S exclusive dual-hydrostatic drive system and twin lever steering provides independent control of each drive wheel. This counter-rotating capability of the drive wheels permits infinite maneuverability within its own radius to maneuver around any obstacle or contour. Gives one-hand control of speed, forward, reverse, turning and braking. Eliminates steering wheels, linkage, foot pedals, brakes, chains, sprockets and their maintenance. The dual-hydrostatic system operates at lower psi for longer life.

**The choice of the Pros.**



**HUSTLER**  
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# Classified

March issue closes February 6  
 April issue closes March 9  
 May issue closes April 8  
 June issue closes May 8  
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When answering ads where box number only is given, please address as follows: Box number, % Golf Business, Dorothy Lowe, 7500 Old Oak Blvd., Middleburg Heights, Ohio 44130. Rates: All classifications 65¢ per word. Box numbers add \$1 for mailing. All classified ads must be accompanied by cash or money order covering full payment.

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**WANT TO BUY OR SELL** a golf course! Exclusively golf course transaction and appraisals. Ask for our catalog. McKay Golf & Country Club Properties, 15553 N. East Street, Lansing, Michigan 48906. Phone 517 484-7726.

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## FOR LEASE

**FOR LEASE: PHOENIX-AREA 18 HOLE GOLF COURSE.** Maricopa County, Arizona, is soliciting "Request for Proposal", for the operation and maintenance of the 18 hole, Sierra Estrella Golf Course. The course, located within the 18,600 acre Sierra Estrella Regional Park, in the metropolitan Phoenix area, is currently maintained by the Parks and Recreation Department with pro shop and snackbar operation contracted to a golf professional. Proposals will be accepted through March 31, 1981. For information contact the Parks and Recreation Director, Robert Milne, 4701 E. Washington, Phoenix, Arizona 85034. Phone 602 262-3711.

## HELP WANTED

**GROWING CENTRAL MINNESOTA** golf club seeks experienced Club Manager. Submit salary requirements and resume to: Box 402, Cold Spring, MN 56320. All information will be confidential.

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*Promoting public golf through cooperative action. If you operate a public golf course in Michigan, call or write now for membership information.*

### Oregon Golf Course Owners Association

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