

GB Products

Quick signs



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assortment allows any one of your employees to make your custom promotional, directional, or safety signs with no waiting and no high costs. Needs no special designated area or professional operator. Kits are unconditionally guaranteed for as long as you own them.

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Front-mount flail



Vemco unit fits Kubota B & L series
Vemco Corp. has introduced new

front-mount flail mowers for Kubota "B" and "L" series tractors. The new design creates a maneuverability never before possible with large detachable mowers, according to Vemco. The improved visibility and ease in backing allow the operator to get in and out of those tight spots. Large pneumatic, 360 degree rotating caster wheels provide a secure, cushioned right over rough terrain. The mower is available in 48 and 60-inch cutting widths.

Write 206 on Reader Service Card

Top dresser



In 1976, research expenditures were increased from \$16,000.00 to \$18,500.00. Research projects supported are as follows:

- Thatch—Texas A&M University
- Sandy Soil Potash Reserves—University of Florida
- Chemical Soil Testing—Pennsylvania State University
- Turfgrass Rooting—Rutgers University
- Herbicide-Disease Relationships—Iowa State University
- Herbicide-Thatch Relationships—University of Illinois
- *Poa annua* Management Relationships—Washington State University.

SOME NOER FOUNDATION FIRSTS

- 1st to establish a Memorial Turfgrass Library.
- 1st to gain industry support for turfgrass research on a continuing basis.
- 1st to establish an investment fund from donations so research could be supported on a continuing basis.
- 1st to publish extra Master theses for research workers.

A total of 14 projects, conducted in 6 universities, have produced 8 advanced degrees in turfgrass-related fields.

For further expansion of these important projects your support is needed. Be a part of future research. Send your contribution to:

O. J. Noer Research Foundation, Inc.
c/o Frank I. Shuman, Secretary-Treasurer
Green Hill Road
Lumberville, Pennsylvania 18933

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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...Also turns pond
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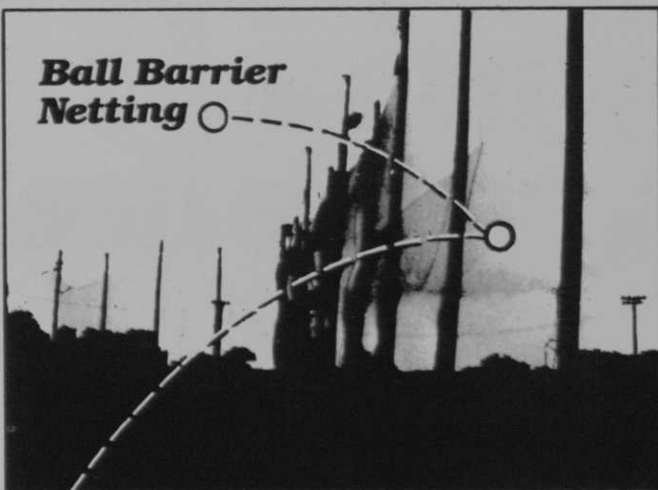


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Ball Barrier Netting



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resulting in promoting vigorous growth.

Write 209 on Reader Service Card

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 innovative 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.

Write 202 on Reader Service Card

Spinner spreader



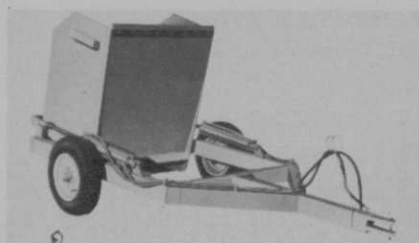
Avco has new PTO-driven unit

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.

Write 207 on Reader Service Card

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.

Write 205 on Reader Service Card

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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