

# PRODUCTS

## Herbicide line expanded to meet special needs

Dow Chemical has expanded its line of Turflon herbicides with a variety of formulations designed to meet special



needs of lawn care operators. The new products are effective against a wider range of weeds. Turflon is also formulated to minimize movement through

soil and root uptake by off-target vegetation such as ornamentals.

The line includes Turflon II Amine, a pre-mix, broadcast herbicide in an activated amine base; Turflon Amine, developed for tank mixing; Turflon D, a pre-mixed, low volatile ester herbicide; and Turflon Ester, ester-based and designed for tank mixing.

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## Sprinkler control kit converts most valves

A battery powered automatic sprinkler control kit from Galcon is easy to install and requires no digging or wires. The system automates existing manual systems, turning sprinklers on and off automatically. Kits include parts to convert Champion, Richdel, Orbit and Rainbird (plastic) 3/4-inch and one-inch manual valves.

The controller operates on two nine-volt batteries which last up to two years. One button controls length and time of watering. A manual override lever allows skipping or additional cycles without disrupting the automatic program. The unit has

built-in flow control and operates from 30 to 150 psi. Each kit retails for under \$30.

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## Aerifiers mark entry into turf market

John Deere will enter the golf and turf equipment market with a new line of five aerifier models. Shatter aerifiers are available in two widths: the 260S



with a 60-inch width, and the 280S with an 80-inch path.

Both are mounted on a category I or II three-point hitch and include storage stand and weight tray. The 260S has 24 6 1/2-inch induction-hardened tines and two 4 x 28-inch rollers. The 280S has 36 tines and two 4 x 41-inch rollers. Optional four-inch tines are

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- No Clog Mulch Chamber
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Reinco Hydrograssers and Power Mulchers offer you the dependability you need because they are designed with the operator in mind. Our Hydrograssers range in capacity from 800 to 3500 gallons and feature easier to maintain "Hydro-Jet" agitation. Reinco Power Mulchers utilize time-proven straight through drive while the M80C offers as standard a variable speed automated bale feed system.

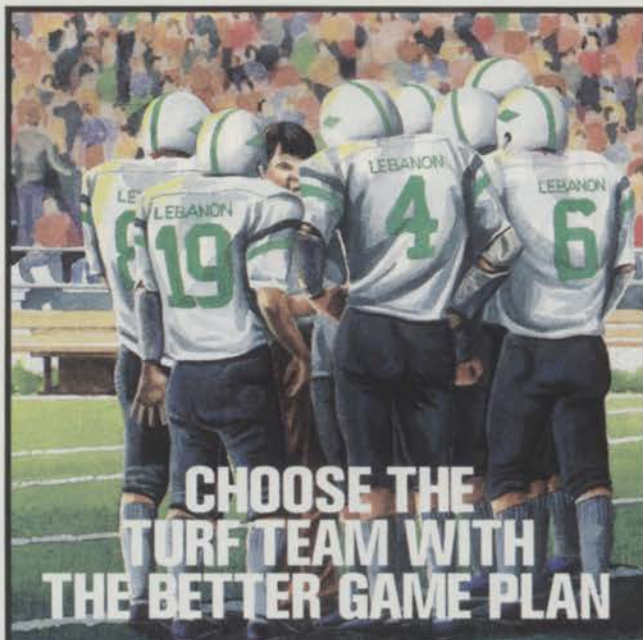
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Lebanon premium fertilizers with Team™ have the defensive strength of benefin and trifluralin, yet they're gentle on your turf. The combination of these proven herbicides kills the seeds of annual bluegrass, smooth and hairy crabgrass, goosegrass, as well as green and yellow foxtail—as they germinate. And our premium quality fertilizers strengthen Northern or Southern turfgrasses.

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You can select the winning Team™ combination that meets your game plan. Choose from our standard line-up, such as **Lebanon Country Club 19-4-6 with Team™ Crabgrass Preventer**, or give us your preferred fertilizer analysis and we will custom blend it with Team™ for you.

Together, one application of Lebanon fertilizer with Team™ will give you a winning season against crabgrass and other annual weeds.

For more information on Lebanon premium fertilizers with Team™, call our **Greenline** today at 1-800-233-0628, in Pennsylvania, call 717-273-1687. And start getting help with your game plan against crabgrass and goosegrass... from the ground up.



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Team™ and Diagonal Color Bar are the registered trademarks for Elanco Products Company's combination of benefin and trifluralin.

available on both units.

The tines are slightly twisted to shatter the soil in three directions at high speed, allowing the soil to heal quickly, the company says.

The Model 132 aerifier is a pull-behind; the 232 is mounted on a category 0 or I three-point hitch. Both have 32-inch working widths, six 18-inch diameter disks and 60 3/4-inch open spoons, slicer blades and disk weights.

The model 270 is mounted on a category I three-point hitch and has a 72-inch width. It has 14 18-inch diameter disks, 140 closed spoons and a weight tray.

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**Double roller available  
in pull-behind or hitch**

A new line of double roller rock rakes from Harley Rock Windrows and Pickers is available with either pull-behind or three-point hitch attachments in three different sizes: for large open fields, park and recreation



projects, down to commercial and residential landscaping.

The double roller allows the moving of windrows several times while cleaning and leveling. The windrower is a companion piece to the Harley Rock Picker and can be used as an accessory to other existing rock picker models.

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**Seed coating combines  
nutrients and fungicides**

Nutri-Kote Plus Apron is the latest advancement in seed coatings from CelPril Industries.

CelPril says that Nutri-Kote Plus Apron controls pythium and other seeding diseases, helps turf establish quicker and promotes more lush green leaf growth.

Nutri-Kote contains an exclusive formula of nitrogen, phosphorus, potassium, sulfur, iron and zinc in the right combinations for various bentgrasses, bermudas, ryes and

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Fylking — the World's Fair grass.

**FYLKING**  
**KENTUCKY BLUEGRASS**

U.S. Plant Patent 2887

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product of Jacklin Seed Company.

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fescues.

"Environmentally, it has a value," says Doug Toews of CelPril, "because it puts the nutrient and fungicide where it needs to be. You're not broadcasting the pesticide."

According to CelPril's research, the coated seed growth rate runs three to four days ahead of uncoated seed 30 days after germination. And the survival rate for coated seeds is about 40 percent higher on a seed-to-seed basis.

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### Pruner gains distributor for North American market

The Power Prune 250, manufactured by Innovative Machinery International Ltd., New Zealand, has signed Impex Trading, West Bend, Wis., as its exclusive North American distributor.

The pruning gun weighs about two pounds and can cut up to one-inch green wood. The unit is powered by a lightweight single stroke, single-cylinder, propane motor.

Its light weight and ease of operation help to reduce fatigue.



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### Rotary riding mower gives 54-inch cut

Middlesworth Engineering and Manufacturing has added the Model C54R riding rotary lawn mower to its line. The mower is an out-front variety with a 54-inch cut. It has a lever to adjust cutting heights to between one and four inches.

*continued on page 122*



The mower is powered by a 16 hp Kohler cast iron engine, and has hydrostatic transmissions with ground speeds up to 6 mph and true zero turning radius.

The machine is designed for operator comfort since the operator does not straddle the engine or framework. A handrail is provided to assist the operator in getting on and off the mower.

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### Trimming mower gets crankshaft warranty

A revolutionary crankshaft protection device developed by Jacobsen has allowed the company to offer a limited two-year crankshaft warranty on its commercial 20-inch walk-behind trimming mowers.

The device uses a stiffener and blade adapter between the crankshaft and the rotary blade to prevent twisting, bending or breakage of the shaft. This extends engine life and maximizes productive cutting time while minimizing repair and replacement costs.

The warranty was announced at the 1987 Golf Course Superintendents



Association trade show.

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### Sod cup sprinkler disappears into turf

Hunter Industries has developed an innovative sprinkler, the Model I-44 Sod Cup, which actually has turf growing on top of it.

The sod cup has a plug of turf about 1 1/2 inches deep which grows actively.

When the head is retracted, the turf fills the hole. The I-44 poses no problems with mowers, and covers a wide range of turf.

The PGA West Golf Course at La Quinta, Calif., has had one in operation on the sixth green for a year with no complaints from golfers or PGA tour officials.

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### New collecting system improves lawn mowers

An improved grass collecting system has been developed by Howard Price Turf Equipment for its Turf Blazer 727 and Turf Blazer II mowers. The blower assembly housing is an 18 1/2-inch diameter, two-piece steel bolt-together housing with a four-blade, 18-inch diameter steel impeller. For protection, the blower has a formed steel tube bumper attached to the mowing deck.

The chute is a six-inch diameter, wire-reinforced transparent plastic hose. The hopper support assembly is welded frame steel tubing mounted on the right side of the prime mover and supports two hoppers, which are Rubber Maid trash cans. The hoppers

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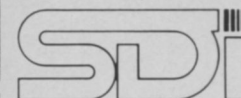


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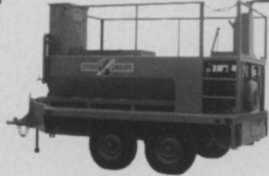
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slide out of the support assembly for easy dumping.

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### Dump box makes golf cars versatile

TNT Utility Systems is offering an interchangeable-mount dump box that, using a patent-pending base frame, will fit all major new or used golf cars.

The dump box enables superintendents to convert golf cars into utility vehicles, saving money on investment and depreciation of utility vehicles.

Accessories for the dump box and a rear seat/cargo bed include a beverage unit and rubber bed-mat.

Other products expected soon by the company include a rear seeder, rear spreader, hose/cord reel and a tool/ladder carrier.

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### Metered injector distributes wetting agent

The Precise Positive Metering Unit has been designed by Aquatrols Corporation specifically to inject the company's Aqua-Gro L soil wetting agent

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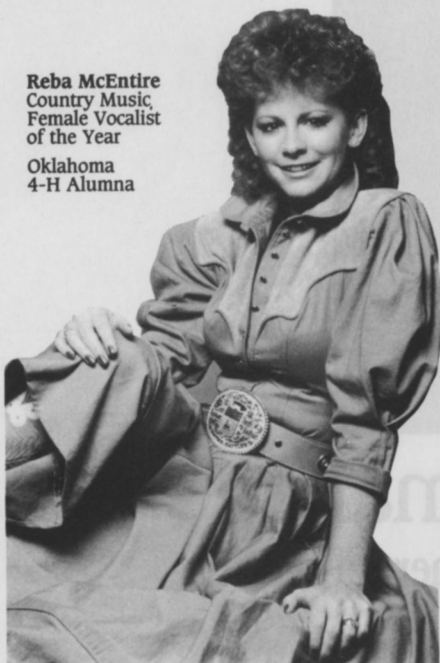


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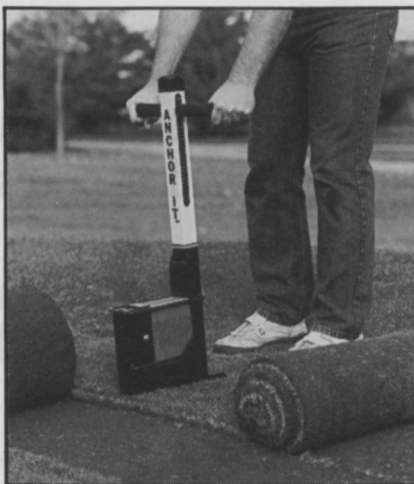
directly into irrigation lines.

The unit, a totally enclosed electrical pump, is fast, safe and economical, and is designed for constant duty handling heavy liquids. The unit is fully warranted.

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### Large staple gun anchors turf, sod

Anchor It from the Standard Golf Company is a fast way to to keep sod



and turf covers in place. The machine works like a staple gun: by pressing down on a spring-loaded handle, a six-inch staple is driven into the ground.

It is constructed of lightweight cast aluminum, with foam-cushioned handles for added comfort. Anchor It holds up to 50 staples at a time, and has a refilling unit for fast replacement.

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### Erosion fabric useful for seedbed establishment

Hold/Gro is an erosion control fabric used for seedbed establishment on critical slopes and as a stabilization fabric where ground cover plantings are to be used.

Hold/Gro features paper strips in a knitted mesh support fabric. Sprigs of young plants are inserted through the material. The fabric provides soil protection and conserves moisture needed for root establishment. The fabric is bio- and photo-degradable and will disappear after plantings take hold.

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the Turf Care  
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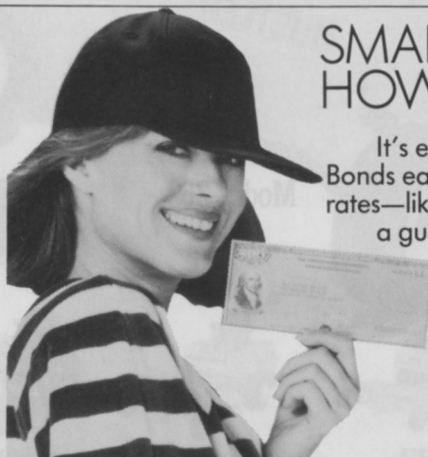


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