

ROOKIES

PRODUCT UPDATE

TURFLON FORMULATIONS



The number of formulations of Turflon herbicide for control of broadleaf weeds in turf has been expanded to four. The herbicides contain triclopyr as their main active ingredient and are effective against a wide variety of hard-to-control weeds.

Two formulations contain only triclopyr, one in an ester base and the other in an amine base. The ester-based product is low in volatility to reduce the potential for damage to ornamentals. Turflon D and Turflon II Amine also contain 2,4-D for control of early emerging, hard-to-control weeds such as oxalis, ground ivy and wild violet. All formulations are designed to minimize movement through the soil, which could lead to root uptake by desirable vegetation.

DOW CHEMICAL COMPANY

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COATED SEED

Inadequate fertilization and diseases are two major causes for low germination rates of conventionally-seeded turf. By coating seed with nutrients important for germination and Apron fungicide to control seedling diseases, CelPril has achieved a seedling survival rate nearly 40 percent higher than uncoated seed.

The Nutri-Kote process is now available to turf seed suppliers so they can offer coated seed to their customers. Less coated seed is required for a typical seeding since

the germination rate is higher. The nutrients also accelerate the growth of seedlings for a faster stand of established turf.

In addition to the systemic fungicide Apron, the coating includes nitrogen, phosphorus, potassium, sulfur, iron and zinc. Nutri-Kote has been tested successfully on colonial bentgrass, perennial ryegrass, creeping red fescue, Kentucky bluegrass and common bermudagrass.

CELPRIL INDUSTRIES, INC.

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COMPACTION METER



Most sports turf managers have a good idea which areas suffer the most from surface compaction. The Penetrometer can confirm or deny compaction information quickly and enable the turf manager to identify and correct compaction problems before they become serious.

The compaction meter measures the resistance in pounds exerted on a metal probe as it is pushed into the soil. The higher the resistance to the probe, the drier and more compacted the soil is. The manufacturer provides a scale of recommended readings for greens and other sports turf areas. For example, a reading of 9 to 14 pounds on a green is best for holding a chip shot.

The meter also warns the turf manager when a field or fairway is too wet for play, since wet soils compact easily. By keep-

ing records of compaction readings on key wear areas, measures can be taken to prevent serious turf loss.

J. D. LANG COMPANY

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DWARF KENTUCKY BLUEGRASS

As more and more golf course superintendents cut fairways below one inch, fewer and fewer Kentucky bluegrasses can take the stress. Turf Merchants, Inc., has found a solution with a dwarf Kentucky bluegrass called Gnome.

The naturally-short bluegrass thrives when cut as low as 3/4 inch. Superior drought tolerance and resistance to leaf spot, dollar spot, Fusarium blight and rust help the dwarf grass compete with annual bluegrass in fairways. The turf presents a dark-green color even under low levels of fertility and moisture, both enemies of annual bluegrass.

The aggressive Gnome can be mixed with other turfgrasses for seeding.

TURF MERCHANTS, INC.

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PROPORTIONING PUMP



A convenient way to apply wetting agents to large turf areas is by injecting them into the irrigation system. The P.P.M. Unit from Aquatrols precisely injects liquids into any irrigation system. The electrically-powered pump can inject up to 7.5 gph of wetting agent or other liquid.

The unit is enclosed in a ventilated case and operates off any convenient single or three-phase power source. It is shipped ready-to-install with ten feet of plastic tubing, valve strainer, suction and discharge valves and installation and operation instructions.

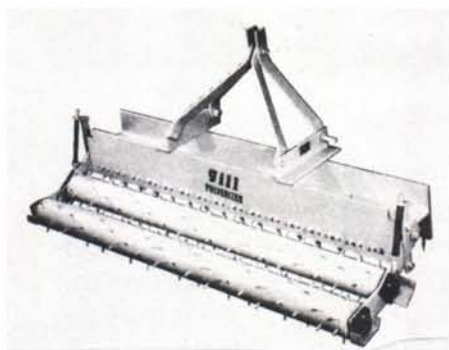
AQUATROLS CORP. OF AMERICA, INC.

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ROOKIES

PRODUCT UPDATE

SOIL PULVERIZER



Each extra pass of earth-working machinery is wasted time and money. Gill pulverizers do six different tasks, from scarifying to rolling, and eliminate the need for other pieces of equipment.

Two rows of eight-inch teeth scarify the soil to a depth of nearly four inches. Two blades then grade and level the loosened soil. Pins on two rear rollers break up clods and pulverize the soil. Finally the rollers firm and roll the pulverized soil for seeding or sodding.

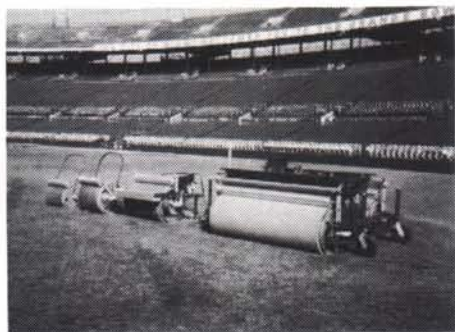
Gill recommends the Model 20A200 or Super Gill '200' for parks, golf courses and other large areas. A box drop spreader can be mounted on the pulverizer to sow seed or apply fertilizer as the unit operates.

Attached to a tractor with three-point hitch, the pulverizer speeds up the fine grading process after rough grading has been completed. One unit is said to do the work of six.

GILL INDUSTRIES, INC.

Circle 137 on Postage Free Card

SUPER SOPPER



When thousands of dollars ride on a game or race, a rainout is about the worst thing that can happen. After a downpour, standard drainage systems may still take hours to remove excess water from an area. For those who can't wait for hours, a rolling water-remover called the Whale Super Sop-

per can pick up and redeposit more than 4,000 gallons of surface water per hour.

The Australian-made device can pick up one inch of water from turf or pavement on each pass and pump it through a large hose to another location with its 66 gpm pump. Power steering helps turn the six-foot-long, plastic-wrapped drums. The unit travels up

to eight mph in both forward and reverse and removes water in both directions.

For greens, tennis courts or other smaller areas, the company has two and three-foot wide models that remove from nine to 17 gallons of water before emptying.

MARKETPLACE USA

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DOUBLE DUTY



Naturally organic Milorganite does as much for the soil as it does for the grass.

Milorganite's ability to grow great grass is legendary. It can't burn, so application is worry-free. Bonus feedings of iron give turf a rich, dark green hue. Special time-release properties mean you apply less often, reducing your operating costs.

Milorganite also does great things for the soil. By adding valuable humus, it can actually increase the growing capabilities of all soils. It has been shown to reduce the incidence of disease and build up of harmful thatch.



Get double duty action from your fertilizer

735 North Water Street
Milwaukee, Wisconsin 53202

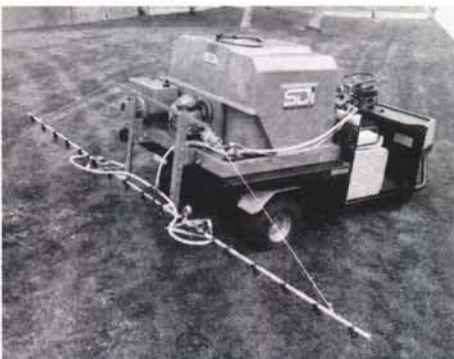
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PRODUCT UPDATE

LOW-PROFILE BOOM SPRAYERS



Low-profile boom sprayers for mounting on turf trucksters or on vehicles with power takeoff are a specialty of Spraying Devices, Inc. Engine models can be skid-mounted in trucks with 48-inch cargo beds or frame-mounted with a pin system on most popular turf vehicles. PTO models can be mounted on vehicles with frame-pin mounting and a tachometer kit in only five minutes.

Low-profile fiberglass tanks come in either 100- or 160-gallon sizes. The tanks feature a self-lubricating mechanical agitator assembly. Three choices of piston diaphragm spray pumps are available from 9.5 to 27 gpm to provide pressures up to 550 psi.

The low-profile sprayers provide greater stability for small truckster-mounted units on slopes. The tank-access hatch is also lower and easier to reach for adding and mixing chemicals.

Spraying Devices, Inc.

Circle 132 on Postage Free Card

FIRE ANT CONTROL

Few things can disrupt the use of recreational turf areas like the painful bite of fire ants. This serious imported pest has spread from the Southeast as far west as Texas and as far north as North Carolina.

Fire ants have constructed mounds on more than 250 million acres of land in this country. It is common to find up to 50

mounds per acre. By laying up to 500 eggs per day, the queen ant can produce a colony of 30,000 members in just one season.

The key to control is disrupting the reproduction of the queen and foraging by the workers. When spread in the range of fire ant colonies, a new pesticide bait called Logic from PBI Gordon is picked up by foraging workers and fed to both the queen and the rest of the colony within the mound. The active ingredient, fenoxycarb, upsets the reproductive cycle of the queen and prevents the larvae in the mound from developing into new worker ants or fertile females. With reproduction halted and no new workers to feed the colony, it starves within three to five weeks.

PBI GORDON CORP.

Circle 135 on Postage Free Card

PAINT SPRAYER



Self-contained compressed-air paint sprayers by EZ-Liner Industries can be used all over the campus, park and golf course. With the frame-mounted gun the unit can paint stripes on fields, tracks and parking areas. Stencils, hash marks and designs can be painted with the hand-held spray gun.

The EZ-Liner 588 holds more than eight gallons of paint or a five-gallon pail in the pressurized tank with safety valve, pressure relief valve, pressure gauge and pressure regulator. A two-cylinder, single-stage pump powered by a five hp Briggs & Stratton engine develops more than 80 lbs. of pressure. The sprayer comes standard with a quick-detach gun on a six-foot hose. The Binks gun with high-capacity nozzle can spray lines between two and six inches wide with sharp edges.

Pneumatic tires help distribute the sprayer's 235 lbs. (plus paint) on turf or soil. The unit is 30 inches wide and 48 inches long.

EZ-LINER INDUSTRIES

Circle 136 on Postage Free Card

TURF MARK™

Temporary Blue Spray Indicator



- Economical to use
- Packaged in easy-to-handle tip 'N' measure gallons and quarts
- Leaves an easy-to-see spray mark

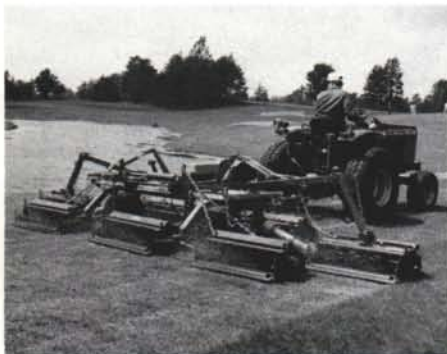
For your free sample, drop us a note, give us a call or circle the postage free number listed below

Contact your authorized turf distributor today for **TURF MARK™** by The Becker-Underwood Company, 701 Dayton Road, Ames, IA 50010. (515)232-5907

ROOKIES

PRODUCT UPDATE

PTO GANG MOWER



Large-area mowing can still be economical with Brouwer's PTO gang mowers. These transportable mowers can be pulled with small tractors with lower fuel consumption and less weight to cause compaction. The reel units can be lifted for transport manually or with an optional hydraulic lift.

Three-, five- and seven-gang units are available with five choices of reels. The mechanically-driven reels provide a quality cut even in wet or tough grass. All mowers are equipped with positive height-of-cut adjustment or optional quick height adjusters.

BROUWER TURF EQUIPMENT LTD.

Circle 144 on Postage Free Card

WALK-BEHIND VERTICUTTERS



A versatile duo of walk-behind verticutter/aerators perform a variety of important functions for sports turf managers.

The smaller Model 504 is ideally suited for vertical mowing of greens, tees and other fine turf areas. A selection of blades also enable the unit to aerate, dethatch, break up plugs and control grain. Powered by a seven-hp engine, the Model 504 grooms an 18-inch wide swath of turf.

The 12-hp Model 512 verticuts, spikes, aerates, plants stolons, removes thatch and prepares seedbeds in 21-inch-wide strips.

JACOBSEN DIV., TEXTRON

Circle 145 on Postage Free Card

SPRAY INDICATOR

There is no need to go by tire tracks anymore when spraying expensive insecticides, herbicides and pesticides. Now dyes added to the spray mix can show you exactly where you've sprayed to provide uniform application and reduce pesticide waste.

Just six to 14 ounces per acre of Turf Mark provides a clearly visible temporary indica-

tion of spray coverage. Dew, rain, irrigation or sunlight breaks the color down quickly. The indicator will not harm plants and is compatible with most fertilizers, herbicides and pesticides.

Turf Mark is packaged in easy-to-handle containers and stains are easily washed out.

J.R. SIMPLOT CO.

Circle 146 on Postage Free Card

SCOREBOARD

CLASSIFIEDS

CLASSIFIED ADVERTISING RATES: \$40.00 per inch payable in advance. One inch minimum. There are about 50 words per inch. Send copy with check for \$40.00 at least four weeks prior to issue date to: Classifieds, sportsTURF magazine, P.O. Box 156, Encino, CA 91426. Blind box numbers are available. Special borders and rules will be billed at display advertising rates. Classified ads are not commissionable.

INSTRUCTIONAL SUPPORT ASSISTANT

A full-time position is available in the Ornamental Horticulture Dept., Cal Poly University, Pomona, CA. Duties include: set-up and take-down of course laboratory exercises; operate and perform minor repairs on light equipment in support of daily functioning of the units and support facilities; make minor repairs on irrigation systems and greenhouse structures; supervise student assistants; operate sprayers; assist in control of weeds, insects and plant diseases; other related duties as assigned.

Minimum requirements equivalent to six months experience performing support services

for an instructional program; or one year experience ordering, purchasing, accounting or office work related to technical materials in an office which provided similar services; or two years college with 16 semester units in courses involving extensive use of horticultural materials, supplies or equipment. Must possess valid California driver's license and must be able to obtain a pest control applicator's license within one year.

Salary \$1,547 to \$1,834 per month. Excellent benefits. Apply to Personnel Services, Cal Poly University, 3801 W. Temple, Pomona, CA 91768. (714) 869-3733.

GOLF COURSE REMODELING

Tifton Springs Golf Course Remodeling and Turf-grass Farms has worked for years with the largest golf course construction companies in the United States on some of the finest courses across the country. Tifton Springs has combined a staff of elite operators and supervisors to serve your remodeling needs. Call Rick Sowders anytime at (817) 441- 8896.

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