

PRODUCT REVIEW

Biological agent cleans scum, odors from ponds

Aqua Treat is a biological water treatment designed to control pond scum and accompanying odors.

By using Aqua Treat regularly from March to October, TerraBiotics L.P. of Princeton, N.J., says that with regular use, Aqua Treat will remove nitrogen from the water, depriving the algae of its primary nutrient.

The drastic reduction in nitrogen makes it impossible for the algae to bloom.

Aqua Treat works in the entire water column and sludge layer to digest any organic wastes that are generated by the animal and plant life in the aquaculture.

Aqua Treat also contains cultures beneficial for enhancing turf quality, and is

therefore safe for use in irrigation ponds. TerraBiotics says the benefits of Aqua Treat include:

- enhanced nitrification cycles and reduce scum and sludge;
- break down organic and fecal waste and odors;
- reduced build up of nitrogen nutrients;
- control over fluctuating oxygen levels.

By adding Aqua Treat to the water phase, a living system is introduced, a system of biologically active seed cultures, enzymes, activators and accelerators, developed specifically for use in aquaculture.

The Aqua Treat microbial cells populate the system as a seed, multiply and produce large quantities of digestive enzymes on a regular and continuous basis.

The bacteria in AquaTreat attack ammonia, which is the cause of pond odor. In accelerating the natural nitrogen cycle, Aqua Treat enhances the rate at which ammonia is converted into nitrite and then into nitrate, eliminating the release of ambient ammonia.

Pond water is made clear when bacteria digest floating organic matter that clouds the water column.

Aqua Treat's bacterial formulation was designed to supply the correct bacteria for the entire pond, including the sludge layer.

According to TerraBiotics, Aqua Treat repopulates the underwater sludge layer and accelerates the degrading process. This reduces not only the volume of sludge but also the amount of nutrients released.

Circle No. 191 on Reader Inquiry Card

Black tanks last longer, have easy-to-read gauge

Black tanks that last longer because they are less susceptible to UV breakdown are now being offered by Agrotec. The tanks also have an improved sight gauge that makes it easier to read how much fluid is left in the tank.

Agrotec Pro Care sprayers come in 100-, 200-, 300- and 500-gallon capacities. Each have: steel skids with zinc primers and enamel finishes; leak-proof lids with check valve vents; pressure regulation from 20 to 500 psi.

Circle No. 192 on Reader Inquiry Card

Rear-discharge available for 2 models

A new 72-inch rear-discharge 3-spindle rotary mower deck is available for Models CM272 and CM274 Ford commercial mowers from Ford New Holland.

The rear discharge lets operators cut close to obstacles on either end of the deck.

Clippings are distributed across the width of the cutting area to avoid build-up.

Circle No. 193 on Reader Inquiry Card



New landscape fabric is thicker, stronger

Easy Gardener, Inc. has expanded its line with the introduction of Pro WeedBlock, a non-woven geotextile for professional use.

Puncture- and tear-resistant, Pro WeedBlock is thicker, stronger, for professional landscapers who want to do the job once and not have to worry about weeds in

the garden or in the cracks between patios and walkways for years.

Pro WeedBlock comes in rolls of 3'x 150' and 6'x 150'.

"Micro funnels" taper at the bottom to block out more than 95% of the light weeds need to grow, while allowing air and water to pass through freely. According to the company, this high permeability of both air and water eliminates runoff as well as soil souring.

Pro WeedBlock will not unravel or rip, even when placed over roots and rocks. It is ideal for use around trees and shrubs, under walkways and patios, and in drainage systems and septic tanks, to filter out silt.

UV-inhibitors enable the product to last up to five years under direct sunlight and indefinitely when covered by a protective layer of mulch.

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GOT THE BUG BLUES? WE'VE GOT THE CURES.

It makes no sense to let bug problems get you down. You've always got the upper hand when you use The Andersons Professional Turf™ products with Diazinon®.

Ask us about:

- Andersons Professional with 5% **DIAZINON**: This granular insecticide controls ants, armyworms, billbugs, chiggers, chinchbugs, sod web-worms, white grubs and many more.
- Andersons Professional 25-3-5 with 3.33% **DIAZINON** and 50% sulfur coated urea: Controls insects and enriches turf in one application.

Andersons' Professional Turf Products with DIAZINON:
Uniformly the best in the business.

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SHOWCASE

PRODUCT REVIEW

Transport equipment has added storage

The Spacemaker Kit from One-Up, Inc. adds more than 25 percent trailer space to trucks or trailers.

With the Spacemaker, equipment can be added above or behind existing storage areas.

The Spacemaker also doubles as a service or storage lift-off trailer.

Custom sizes are available.

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New Impatiens, geraniums bloom in bright colors for seasonal beauty

S&G Seeds of Downers Grove, Ill., in cooperation with Speedling, Inc., presents new seed varieties for 1994-95.

The Pinto Deep Rose geranium is an F-1 hybrid colored deep pink with darkly zoned leaves. Its high germination levels and strong seedling vigor make Pinto Deep Rose ideal for plug production.

The Ringo 200 variety of geranium is bright pink with deeply zoned leaves.

Many large and fully-rounded flower heads give a traditional geranium look.

Dynamo Deep Rose and Dynamo Rose are F-1 hybrids with deep pink or bright pink.

Impulse Salmon has a pure salmon color, is uniform and compact, with basal-branching.

Circle No. 196 on Reader Inquiry Card

Irrigation tape is designed for greenhouse and nursery growers

T-Systems International, Inc. of San Diego manufacturers T-Tape 510-18-440, a 10-mil tape with an 18-inch emitter spacing. It has a flow rate of .440 gpm/100 ft. at 10 psi.

The tape has the same proven turbulent design as all other T-Tape products with a special flow rate and spacing to meet the specific needs of many growers.

T-Tape has 164 inlets with a .035" x .017" cross sectional area per inlet that minimizes the effects of plugging and inlet passages smaller than the emitter to filter out large particles.

T-Systems says T-Tape is available through a team of authorized servicing dealers worldwide.

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PRODUCT REVIEW

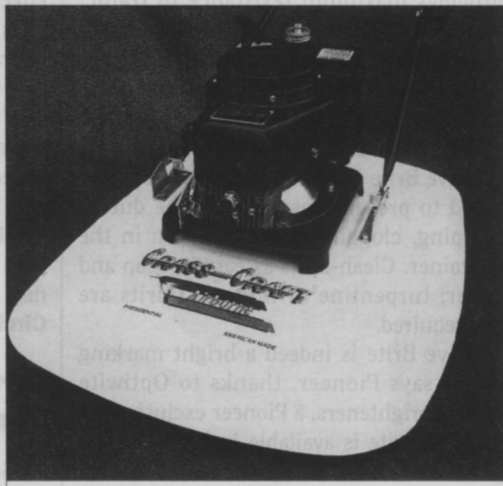
Airborne mower only one of its kind in N. America

The Grass Craft hover mower is now being marketed exclusively to golf courses throughout the U.S.

The hover mower has a virtually unbreakable polyethylene deck with a metal-to-metal mounting system and sun resistant white coloring. It can go where others can't, won't scalp, leaves no wheelmarks and easily handles steep slopes. It comes equipped with a 3.5 hp Tecumseh engine.

The company also offers an optional safety blade and a handle that is 12 inches longer than the standard handle for added safety and longer reach for steep banks.

Circle No. 198
on Reader Inquiry Card



Gas and electric golf cars feature improvements

The new gas and electric golf cars from Hyundai feature a variety of improvements.

The new electric model features an improved speed controller designed and manufactured exclusively by Hyundai's own electronics division. Updated gas models are modified for increased performance, durability and comfort. Both the electric and gas cars have been finished with new black, plastic dash compartments in the front area on both sides of the console.

Hyundai's gas models are equipped with a refined clutch for improved performance, smooth take-offs and increased climbing capabilities, and a number of noise reduction modifications.

In addition, the 1994 gas cars have a new air box designed to provide easy access to the air filter for trouble-free maintenance.

All electric cars feature Hyundai's exclusive, cost-saving speed controller incorporating half-speed reverse. This component has been fitted with a black, plastic cover to protect it from water and debris during cleaning.

Circle No. 199 on Reader Inquiry Card

Irrigation controller operates up to six stations

Hardie Irrigation's HR-6100 controller features a new contemporary look with a gray case and a two-sided velcro-taped quick-reference guide card/informative "watering times" chart attached to the inside door panel. Its new dial format is similar to that of Hardie's Rain Dial.

The six-station, indoor controller, originally introduced in the mid-1980s, was the first hybrid controller ever manufactured, according to Hardie.

A dial lets the operator control all functions, and operate up to six stations with two programs. Other features include:

- digital readout;
- 7-day weekly schedule with select-a-day option; and
- rain override switch/9-volt battery backup.

Circle No. 200 on Reader Inquiry Card

New irrigation system rotor shoots water up to 62 feet

Rain Bird Sales, Inc. announces the introduction of the innovative Falcon series rotor.

Designed for sports fields, parks, schools, cemeteries and other large turf areas, this water-lubricated gear-drive rotor irrigates a full 38-to-62-feet.

Advanced Rain Curtain nozzle technology has been incorporated into the rotor, allowing it to offer top performance in all wind conditions.

Even in windy areas, the Falcon Rotor delivers a "curtain" of large water droplets for uniform distribution. Because of this superior water distribution, the Falcon Rotor has the best scheduling coefficient in its class when used in a properly-designed system, says Rain Bird.

Circle No. 201 on Reader Inquiry Card

Device prevents breakage in sprinkler heads, riser pipes

Strand Art Company, Inc. of Anaheim, Calif., manufactures the Flo-Mizer for sprinkler irrigation systems. The Flo-Mizer is an inexpensive, easy to use and install, retro-fit device which will prevent the costly problems created when a sprinkler head or riser pipe is broken.

The Flo-Mizer is installed by removing the riser pipe and inserting the Flo-Mizer into the base of the riser pipe and re-installing the riser into the T-connector of the supply line.

Benefits of Flo-Mizer include:

- eliminates the geyser or high pressure fountain effect which often projects large volumes of water onto roadways and sidewalks near the broken sprinkler.

- prevents financial liability which can result from water being propelled by the geyser effect into oncoming motor vehicle traffic.

- stops local flooding that results from the excess flow at the location of the broken sprinkler head. This excess flow of water often causes erosion of the surrounding soil which turns to mud flow which flows onto roadways and sidewalks.

Circle No. 202 on Reader Inquiry Card

SHOWCASE

PRODUCT REVIEW

Interchangeable nozzle part of new pop-up sprinkler

The Hunter model I-40 pop-up sprinkler, used on sports fields, parks and other large turf areas, is not available with an additional interchangeable nozzle.

The new #40 nozzle applies water at 7-gpm within a 45-ft. radius.

The I-40 now has six interchangeable nozzles and a more versatile performance range. Depending on the nozzle specified, the I-40 discharge rate can be adjusted from 7 to 27.5 gpm and the radius set between 45 and 74 ft.

The I-40 is available with an adjustable arc which may be set between 40-to-360 degrees while the sprinkler is on or off. A fixed, full circle model is also available.

The I-40 is durable, vandal-resistant and offers a range of advantages for institutional users, including stainless steel riser with heavy-duty retraction spring, safety-cushioned rubber cover and locking body cap.

A drain check valve is standard on the I-40 to help conserve water, reduce liability and puddling around sprinklers caused by low-head drainage. It checks up to 15-ft. of elevation change.

Circle No. 203 on Reader Inquiry Card

Micro-irrigation product first with a pop-up body feature

Pepco Water Conservation Products, Inc., today announced the market introduction of its newest design for micro irrigation, the MicroPop.

Pepco says the MicroPop is the first micro pop-up body for landscape irrigation systems.

MicroPop is installed just below the canopy level of planting material, and pops up above the plants for watering.

After watering, it retracts to be unobtrusive in landscape applications. This also keeps it hidden from vandals.

The MicroPop operates between 15-30 psi. Its pop-up height is adjustable to 10-inches, and it is compatible with other Pepco irrigation products.

Pepco believes a big advantage to MicroPop is the way it eliminates the clutter of stakes and risers.

Circle No. 204 on Reader Inquiry Card

Asphalt paint lasts a long time, will not erode surfaces

Pave Brite latex asphalt marking paint provides maximum resistance to traffic, water, oil, de-icing chemicals, severe weather, and gasoline.

Because it contains no solvents, Pave Brite will not attack and deteriorate asphalt surfaces.

Pave Brite is easy to use. It is homogenized to prevent costly downtime due to lumping, clogging and separation in the container. Clean-up is as easy as soap and water; turpentine or mineral spirits are not required.

Pave Brite is indeed a bright marking paint, says Pioneer, thanks to Optiwite optical brighteners, a Pioneer exclusive.

Pave Brite is available in bright white, yellow and the blue tint used to mark handicapped person parking spaces.

Circle No. 205 on Reader Inquiry Card

Erosion control for slopes, banks, ditches and more

Enkamat erosion control matting from Akzo Nobel Industrial Systems Company offers a lightweight, flexible alternative to rigid concrete, asphalt and rip-rap systems for controlling erosion.

It is designed for use on slopes, banks, ditches, channels, spillways, landfills, shorelines and other vulnerable erosion-prone areas.

Structurally, Enkamat is a three-dimensional geomatrix of heavy nylon monofilaments fused at their intersections.

Ninety percent of this geomatrix is open space, which becomes filled with native soils when installed, eliminating erosion.

Circle No. 206 on Reader Inquiry Card

Mulch and erosion control blankets blend with turf

High profile revegetation projects with steep slopes next to flat ground can be seeded and protected with color-matched hydraulic mulches and Futerra erosion control blankets.

These products, made by Conwed Environmental Products, retain an a turf-

green appearance until grass is well-established.

Landscape architects and contractors can now mix and match the most cost-effective topical revegetation options for erosion control. Conwed 30-day green hydraulic mulch and blanket products provide for a uniform visual presentation.

Futerra erosion blankets are sized in 40-inch widths for silt barriers adjacent to paved areas, and 80-inch widths for erosion control on slopes of 2:1 or less.

Hydro Mulch products are available with or without pre-blended organic tackifier.

Circle No. 207 on Reader Inquiry Card

10-second tire repair kit eliminates 'flat tire time'

Safety Seal is a repair kit for tubeless tires. Repairs are permanent, and can be made in virtually any size and kind of tubeless tire, from the outside, without the need for cements, chemicals or vulcanizing fluids.

Safety Seal is not a liquid or aerosol product, says Safety Tire Seal Corporation, Hauppauge, N.Y.

Safety Seal works on radial, non-radial, steel-belted, non-steel-belted tires, whether used on golf carts or earthmovers and everything in between.

Circle No. 208 on Reader Inquiry Card

Tall fescue a leader, say latest national test results

Results for the National Tall Fescue Tests show Jacklin Seed Company's Pixie turf-type tall fescue as one of the leading new turf type tall fescue selections on the market today.

Pixie was ranked third (although statistically it was tied for first) in overall turf quality among the 92 varieties tested.

Tests showed it had excellent disease resistance, including resistance to brown patch, and found it retains its genetic dark green color even under low fertilization conditions.

Jacklin describes Pixie as a moderately low-growing variety, with high density and good turf performance and "mixability."

Circle No. 209 on Reader Inquiry Card