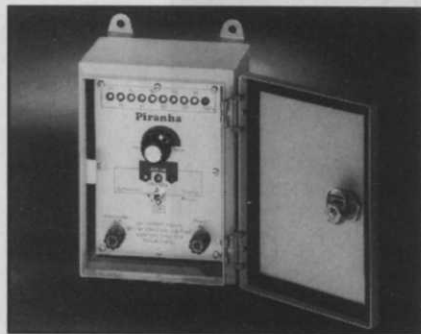


# PRODUCT REVIEW

## Ion generator purifies ponds

The Piranha ion generator from Bastech Industries releases copper and silver ions into water, destroying bacteria



and algae in ponds, spas, fountains and water displays.

The process, according to Bastech, does not affect water balance and is stable in sunlight. This water purification system improves chemical effectiveness, achieving an 80 percent savings in chemical expenses, Bastech contends.

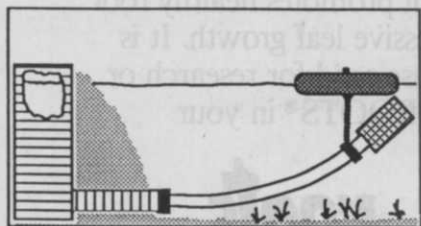
Circuits are fused for safety and easy maintenance. A variety of models for different water requirements are offered.

**Circle No. 191 on Reader Inquiry Card**

## Flotation system keeps inlet clear

Greenscape Pump Services introduces its patented Float-N-Screen, which is designed to keep irrigation pump system inlet screens off the bottom of water sources. This prevents silt and other debris on the bottom from entering the system.

According to the company, the Float-N-Screen reduces pump wear due to silt, reduces control valve failure due to clogged screens, prevents sprinkler clog-



ging due to debris and prevents silt build-up on greens from covered intake screens.

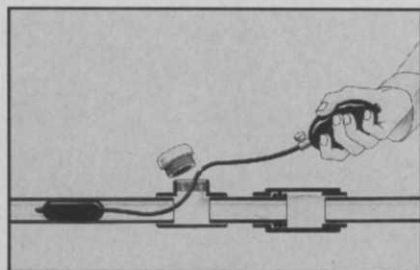
Float-N-Screens comes in all sizes to fit all types of intake systems and gpm.

**Circle No. 192 on Reader Inquiry Card**

## Drip stopper simplifies irrigation pipe repairs

Moby Dike, from National Irrigation Specialists, employs a bladder which can be inflated in the pipe to be repaired, holding back residual water until the repair is complete.

With Moby Dike, landscape and irrigation contractors no longer need to stuff pipes with putties or other fillers. Bailing water out of the work excavation is also eliminated, as are re-works and call-backs



to correct water-fouled flue joints.

A small Moby Dike is available for pipes from 3/4 inch to 1-1/2 inches in diameter and a large one is for pipes 1 to 4 inches in diameter.

**Circle No. 193 on Reader Inquiry Card**

## Limiter eliminates irrigation geysers

The Limiter, from Flood Stop of Mission Viejo, Calif., eliminates geysers



caused from broken irrigation heads, thus conserving water.

Once installed, the Limiter will convert the broken sprinkler head to a bubbler, limiting flooding, loss of pressure to the irrigation system, emergency repair and water loss.

The product is available for 1/2 and 3/4 inch riser systems with capacity ranging from five gallons per hour to six gallons per minute. It is easily installed with a screwdriver and features a unique knurl design which makes it easy to remove broken risers with a screwdriver.

**Circle No. 194 on Reader Inquiry Card**

## Flagging prevents damage to sprinklers

Golf course irrigation sprinkler heads are safer from mowers, aerators and other damage, thanks to new "Heads Up" flagging from Blackburn Manufacturing.

The "Heads Up" system consists of a specially designed rubber device which attaches with strong 3M adhesive to the top of a sprinkler head. A wire-staff Blackburn marking flag is then inserted in the rubber mount, providing a high-visibility system for irrigation sprinkler heads.

The system, Blackburn claims, does not



interfere with the operation or water flow from the sprinkler head. Flags come in a variety of colors and sizes and can be custom-imprinted.

**Circle No. 195 on Reader Inquiry Card**

## Control system offers on-site management

The second generation of OSMAC (on-site

# SHOWCASE PRODUCT REVIEW

management and control) is a result of a cooperative agreement between Toro Irrigation and Motorola.



The OSMAC is an easy-to-use, affordable, central-based irrigation control system for golf courses. The central control communicates to the satellites with a paging radio system, completely eliminating the cost and inconvenience of communications wire installation, Toro says. And as a retro-fit controller, the OSMAC is quick and easy to install, often causing no disruption of play.

The basic receiver unit is expandable from 8 to 48 stations, each individually addressed, plus other features. Its handheld radio unit can double as a two-way radio to communicate with the base unit or another portable.

**Circle No. 196 on Reader Inquiry Card**

## Sprinklers feature adjustable arc system

Hunter Industries' I-10 and I-20 gear-driven sprinklers are now available with a



new adjustable arc feature. Both the I-10 shrub head and I-20 pop-up can be adjusted from 40 degrees to 360 degrees during installation or while in operation, Hunter says.

For full circle coverage, both are available as fixed 360-degree models.

Both are equipped with 12 interchangeable nozzles to vary the discharge rate from 0.5 to 14.4 gpm. This versatility allows the user to match high application rate sprinklers in a system, or to take advantage of modern low precipitation rates for water and energy savings.

**Circle No. 197 on Reader Inquiry Card**

## Modular drain system has more capabilities

Zurn Industries has developed the "Flo-Thru Pre-Sloped Drainage System" with special design features.



The system offers lightweight assemblies, built-in 0.75 percent molded slope, modular continuity and a radiused smooth channel bottom. These features, Zurn says, simplify installation, produce a smooth and rapid flow, and promote self-cleaning.

This modular drainage system, Zurn notes, has more capabilities than other channel drainage systems.

**Circle No. 198 on Reader Inquiry Card**

## Electronic locators are easily adjusted

A new line of advanced electronic locators for detecting buried pipe and cable, and tracking guided boring tools has been introduced by the Charles Machine Works.

Subsite Discovery Systems is a com-

plete line of receivers and transmitters that allow users to customize locator settings and locating methods to their own



requirements.

New settings can be changed with the push of a button.

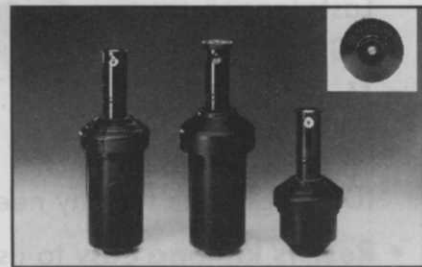
Five Subsite locating systems range from simple systems designed to locate plumbing blockages to powerful systems for tracking guided boring tools.

**Circle No. 199 on Reader Inquiry Card**

## Adjustable bypass speeds installation

An adjustable bypass now is offered on all Rain Bird R-50 Series rotors. By making it simple to adjust water flow into the rotor, the adjustable bypass permits fine tuning and allows the rotor to be adjusted for high performance in low pressure applications. It also speeds installation.

Available in standard, shrub and commercial models, the R-50 rotor offers full and part circle capability in each unit and



a choice of a standard 23-degree or low-angle 11-degree trajectory.

In addition, the R-50 rotor provides easy arc adjustment, a patented multi-function wiper seal, color-coded "Quick-Change" matched precipitation rate nozzles and a unique Quick-Flush action, which cleans the pop-up stem.

**Circle No. 200 on Reader Inquiry Card**

*continued on page 60*

# PRODUCT REVIEW

## Trimmers, cutters get new engine line

Maruyama Manufacturing has initiated



production of its new engines as part of the complete new string trimmer/brush cutter product line.

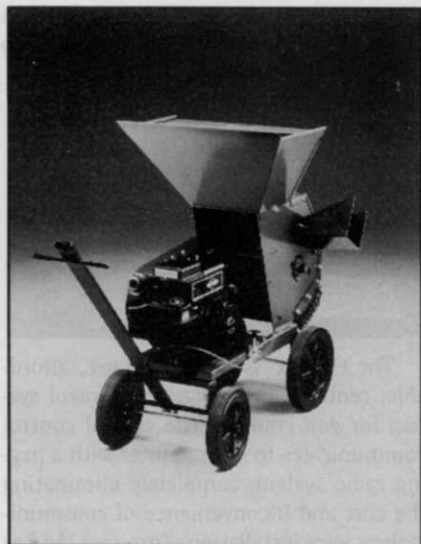
The new engine on these units features commercial grade heavy duty bearings, chrome cylinders and Walbro injection carburetors. The engine series, Maruyama says, develops a high level of torque at a lower rpm, giving longer engine life and better cutting characteristics under load.

The injection carburetor makes the unit especially easy to start, and it starts at a very low rpm for safety, Maruyama notes.

**Circle No. 201 on Reader Inquiry Card**

## Chipper/mulcher is highly efficient machine

The 500H-5 chipper/mulcher from Roto-Hoe features 1-1/4 inches of chipping capacity, which quickly recycles vegetable



stalks, tree prunings, leaves and other landscape waste into valuable mulch or compost. The powerful Briggs & Stratton 5 hp engine provides 1400 rpms of operating speed for the 21 heat-treated, free-

## Green Garde® HIGH PRESSURE SPRAY HOSE

- **Braid reinforced.**

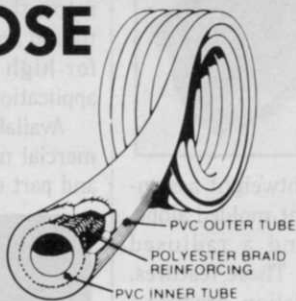
800 psi working;  
3000 psi burst.  
Lasts longer, saves big in long run.

- **Multiple sizes.**

300-, 400- and 600-foot lengths; 1/4- to 3/4-inch ID's. Right size for any need.

- **Resists kinking** easy to use.

- **Won't leave marks** on walks; hose color won't transfer.



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**Circle No. 111 on Reader Inquiry Card**



# PRODUCT REVIEW

swinging hammers.

Circle No. 202 on Reader Inquiry Card

## Soil additive acts to retain moisture

Desert Bloom, from Hydra-Soil Southeast of Alpharetta, Geo., is a liquid, which aids in raining moisture in soil up to twice as long as normal.

Because it is a liquid, Desert Bloom may be applied by spray or irrigation injection systems to crops, turf, gardens or orchards.

Hydra-Soil says that, unlike other water retention products, Desert Bloom is not crystalline, granular or polymer.

The company says the product requires only one application per year, and reduces leaching. Also, it lowers the need for water by half.

Desert Bloom is EPA approved and totally nontoxic, according to the company.

Hydra-Soil Southeast says Desert Bloom has been tested for 10 years. University and independent studies are ongoing.

Circle No. 203 on Reader Inquiry Card

## Lake coloring easy with new product

Coloring lakes, ponds and golf course water hazards is easy with Lake Colorant WSP from Becker-Underwood, Inc.

According to the company, the highly concentrated colorant, encased in water



soluble packaging, dissolves easily and within four minutes. Color is dispersed completely through the body of water.

Lake colorant WSP is not harmful to fish and wildlife. Each packet colors one acre foot of water.

Circle No. 204 on Reader Inquiry Card

## Software program for all industry sectors

L-W Software has released the latest version of CLIP 3.4+. CLIP fits the needs of a broad range of businesses, including lawn care operators, chemical applicators,

landscapers, pest control experts and other service companies.

CLIP brings the latest management technology to the lawn maintenance business and has become the industry standard, according to L-W Software.

Circle No. 205 on Reader Inquiry Card

## THE WALKER TOUCH



**The Perfect Touch** Many operators are finding the mid-size Walker Mower is the perfect size for their jobs – a compact, maneuverable tractor for small areas, combined with open space productivity of a rider, saves time.

**The "Midas" Touch** Walker Mowers are moneymakers; one owner explained why he was buying a second Walker, "The first one made me money – I like to make money."

**The Finishing Touch** To please the most discriminating customer, Walker delivers a beautiful mowing job and with the exclusive GHS grass collection option, the turf is vacuumed clean and manicured.

*Ride a Walker*

### The Mid-Size Walker Line

- 3 tractor models from 11-21 HP with gas or diesel engines
- 3 mower deck sizes 36"-54" with grass collection, side discharge or mulching available
- 3 front mounted implements: snowblower, rotary broom and dozer blade
- 3 year warranty on maintenance free hydrostatic wheel drive

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