

# GREEN INDUSTRY SHOWCASE

## Nutsedge control product easy on turf in hot weather

Joe Motz had luck on his side, but chemistry also had something to do with it.

While spraying a Cincinnati Bengals practice field last summer, the crew from Motz Lawn Care and Sports Turf had some overlap in a few spots. But the streaks they expected due to the excess product never showed.

"Backpack spraying is a problem with some products, because you can't control the overspray and you risk brownout," says Lloyd Royse, vice president for lawn care at Motz's company.

Last summer Royse supervised applications of Manage, a new Monsanto herbicide for nutsedge control. He reports that the turf was not harmed.

"The only streaks I saw were streaks of nutsedge where we missed with the sprayer," says Royse.

According to Monsanto, Manage is the

only herbicide that controls yellow and purple nutsedge without injury to warm- or cool-season turfgrasses grown in North America. Registration is expected before the 1995 season. The applications on the Bengals field was conducted under an Experimental Use Permit.

Royse sprayed the field, which is watered once or twice each day, with a rate of Manage equal to two ounces per acre.

"I saw a rapid kill of nutsedge with no turf injury," says Royse. Regrowth occurred a few weeks later, but Royse believes it was from new nutsedge plants.

According to Royse, the Motz crews have applied Manage to more than 80 lawns under an EUP with no resulting damage to the turf.

Randy Ankeny, facilities manager at The Lakes Country Club, Palm Desert, Calif., sprayed lawns and flower beds around condominiums of those residents

he knew would not be present during the summer months.



**Joe Motz' crew applied Manage to football field with no streaks.**

"We sprayed over annuals, perennials, shrubs and turf," says Ankeny. "The loss of plant life was next to nothing. Vinca and zinnias showed no effect at all."

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

## Erosion control protects against West Coast deluge

The devastating fires that swept through parts of Southern California last year were Part I of a natural disaster double whammy. After the fires, came the

rains—and the threat of severe soil erosion.

One erosion control solution was offered by Michael Lansdale, of



**Poz-O-Cap, in the white area, was applied to a half-acre hillside in Malibu to prevent soil erosion.**

Metamorphosis Hydroseeding, located in La Selva, Calif.

Lansdale's solution was a premium seed mix combined with Poz-O-Cap, a new dust and water erosion control product from Chemical Lime Co., Fort Worth, Texas.

One farsighted homeowner who benefited from the product was Evans Kitsiyannis. One-half acre of his property was seeded with fire retardant plants and covered with Poz-O-Cap at a rate of four tons per acre, twice the normal application rate due to the potential for substantial erosion.

A January dry spell killed much newly-planted seed. Heavy February rains caused massive mud slides in Laguna Beach and threatened the mud-slide prone areas of Malibu.

Neighbors noticed "rilling" on their properties—that is, the formation of tiny rivers in the ground. With continued rain, deep gullies can form and eventually dislodge the land. Kitsiyannis' property was well-protected, and by March, new vegetation covered the hillside.

Poz-O-Cap is formulated from lime, pozzolans (fine siliceous and aluminous

# PRODUCT REVIEW

materials) fiber components and other ecologically benign ingredients. It caps the surface, and as it seeps through, binds with and locks on to the substrates, forming a cement-like covering.

"The cap formed on the surface follows the contours of the soil rather than forming a smooth, glass-like surface," says John Reaney, senior business development manager. "This slows the velocity at which heavy rains are shed, lessening erosion potential. On the other hand, the cap also enables treated areas to absorb water when presented in lesser amounts."

"Typical applications of Poz-O-Cap are lasting six to 12 months," says Reaney, who adds that the product is priced comparably with other products.

Poz-O-Cap controls dust and water erosion along road berms and embankments, mine tailings dams, construction sites and coal piles.

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## Build an outdoor water bubbler from components

Most Dependable Fountain Co. of Memphis, Tenn., has a new do-it-yourself kit to build a vandal-resistant, high quality water bubbler.

The customer provides a 10 $\frac{3}{4}$ -inch pedestal pipe, a short length of threaded rod for ground anchor and everyday maintenance tools.

The company's kit includes all stainless steel, external water contact parts including the 18-gauge, polished basin, solid machined bubbler and center drain cover. The fountains are designed with a heavily shielded, actuator button to protect and isolate vital external valve parts from vandal abuse or customer misuse.

The kits cost \$350.

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

## Store different fuels safely with dual compartment tank

ConVault's Dual Compartment Tank provides separate and reliable storage of two different fuels in less space than two stand alone tanks.

One seamless concrete vault covers two tanks, each with an overflow/spill containment and emergency vents.

## Conveyor belt unloads dry products quickly

The EZ-Pull Pickup Unloader can be used in landscape, nursery, lawn care and golf course applications.

With the EZ-Pull, simply crank the handle at the back of the truck bed to draw cargo towards the tailgate.

The EZ-Pull is delivered fully assembled, and does not require truck bed modifications.

Cost is \$149 for smaller pickups, \$169 for full-sized pickups. The EZ-Pull is made by Yates Industries of San Diego, Calif.



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

As with all ConVault products, the U.L. 2085 listing for insulated tanks is available and the tanks are shipped ready for use as complete fueling and dispensing systems.

ConVault's Dual Compartment tank is a superior design because it provides two distinct tanks. There is no common wall as can be typically found in other tank designs. This is an essential design feature to eliminate the possibility of mixing fuels.

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

## Herbicide receives label for warm-season turfgrass

DowElanco has expanded the label on its Confront post-emergence herbicide to include warm-season turf. Confront controls up to 35 species of broadleaf weeds, including narrowleaf plantain, henbit, prostrate spurge and other broadleaves.

University and private cooperator trials confirm that Confront is nearly 100 percent effective against dandelion, clover and plantain, as well as other problem species.

Warm-season turf includes bahiagrass, bermudagrass, centipedegrass and tall fescue.

Confront is a non-phenoxo herbicide.

**Circle No. 202 on Reader Inquiry Card**

## Remove algae and bacteria from water with ozonator

RGF O<sup>3</sup> Systems, Inc. markets an ozone generated water purification system.

The PPSO-480 is designed to remove pollutants from lakes and ponds through an oxidation process.

The Super Ozonator destroys waterborne substances such as algae, sulphur dioxide, bacteria, urine, chlorine, odors and various organic chemicals.

Minimal labor is required to install the system, and it comes with a synthetic which resembles a large rock.

The Ozonator is made of welded PVC pip and polyethylene; dimensions are 5 ft. x 6 ft. x 3 ft. The PPSO circulates and ozonates water in lakes and ponds, eliminating stagnant areas.

**Circle No. 203 on Reader Inquiry Card**

## High-pressure spray hose built for rigors of daily use

The JFO Yazoo Professional Spray hose is made from chemically stable, electrical non-conductive synthetic compounds, and reinforced with high tensile yarn. A long service life is one of the benefits from the abrasion-resistant outer covering.

The inner bore is responsible for the high degree of chemical resistance.

A wide range of pest control and lawn care chemicals may be used. The JFO Yazoo hose is very flexible, even in cold weather, kink resistant and of light weight.

The hose has a working pressure of 600 psi. A 4:1 safety ratio allows for pressure surges and operating condition variations.

**Circle No. 204 on Reader Inquiry Card**