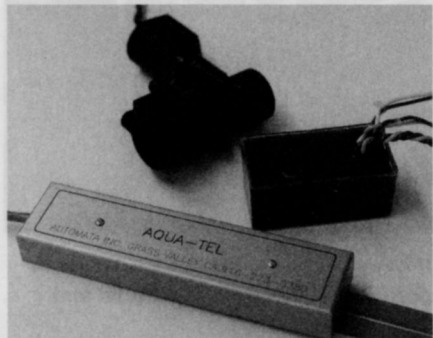


# PRODUCT REVIEW

## Soil moisture sensor helps plan irrigation needs at low cost

The Horizon irrigation controller from Automata is based on soil moisture measurements.

Irrigation takes place on demand, in all types of soils at all moisture levels.



Horizon uses the Aqua-Tel soil moisture sensor for monitoring soil moisture content. It has an integral set point adjust. When the moisture level drops below the set point, it closes a relay which allows irrigation to take place.

The relay may be used to directly energize a valve to irrigate on demand, or it may be put in series with a timer or controller to limit the time of day an irrigation may take place.

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

## Cutting head adapts to existing equipment for heavy brush

Tuff Kutt is a brush cutting head that doesn't dull or snag, is versatile, and can handle heavy duty projects.

East Hill Manufacturing of Rutland, Ver., says Tuff Kutt blades do not dull, and reduce clearing time by half.

The high-tech alloy tool cuts along stone walls, boulders and rocks. Brush and stumps can be cut flush to the ground or recessed.

The Tuff Kutt works on all types of vegetation, from grass to small trees.

Tuff Kutt fits on to the head of most brands of brush cutters, 25cc or larger.

Three blade types are available. Each Tuff-Kutt is equipped with a #2 set of general purpose blades. The #1 set is designed for cutting larger diameter saplings (up to 4 inches in diameter). The #3 blade is used to clear light-to-heavy brush.

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

## Tackifier applicator needs no hydroseeding gear

The new TA-150 tackifier applicator from Reinco can be used with a garden hose to apply tackifier to hay or straw.

The TA-150 sprays virtually any powdered or liquid tackifier up to 180 feet from the machine to stabilize soils, hold seed in place and bring remote plantings into easy reach for watering.

With a 150-gallon tank, the portable TA-150 provides the maximum capacity allowed by law for transport and operation with most common half-ton pickups.

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



## Boring attachment installs irrigation and sprinklers

A new boring attachment from McLaughlin attaches to skid-steer loaders.

The M-4500 is designed for use by landscape and general contractors for irrigation pipes, sprinkler systems, CATV and utility lines under landscape areas, lawns, sidewalks and other areas where surface restoration is time-consuming and costly.

The tool slides into a mounting plate attached to the inside surface of the skid-steer bucket and is pinned into place. Hydraulic lines with quick-disconnects from the loader are attached.

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

## Products improve water, pesticide movement in soil

New from United Horticultural Supply comes Turfgo LI 700, a premium penetrating surfactant that maximizes pesticide efficacy in turf; and Turf Wetter, a water wetting surfactant.

According to UHS, Turfgo LI drives pest control products through a plant's natural protective barriers. This, says the company, results in better and more consistent pest control.

Turfgo LI can be used as a wetting agent to give uniform coverage of a plant's surface area. It is also effective as a pH adjuster for those products that are sensitive to high pH water.

It adjusts the pH level of alkaline water to prevent pesticide loss and improve compatibility.

The Turf Wetter enhances water flow through the small pores of finer textured soil, resulting in deeper water penetration and better root development.

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

## Electric trimmer comes in three sturdy blade lengths



Little Wonder electric hedge trimmers are available in 16- 24- and 30-inch blade lengths and are guaranteed to cut any growth up to 1/2 inch thick.

The double-insulated motor is sealed in a metal gear box and is surrounded by high impact material to increase the durability of the product.

The double-reciprocating blades are activated by dual-action switches located in each handle to automatically stop when either handle is released.

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

# SHOWCASE

## PRODUCT REVIEW

### Walk-along trencher available with two engine options, Honda or Kohler

The Model 1220 walk-along trencher from Ditch Witch comes with two 12-hp engine options: a Honda GX390 and the Kohler Command CH12.5.

Both engines are quiet, fuel-efficient and meet all current California emission standards.

The 1220's standard outboard bearing support and longer head shaft help make the 1220's digging drive assembly more rugged and trouble-free. The trencher also features a new ground drive gearbox that's integrated with the engine, to eliminate mounting and coupling parts.

The gearbox features larger gears, O-ring cover seals and increased capacity.

There is no drive chain to adjust and there are only three grease service points, for easy routine maintenance.

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

### Software tells which regs apply to your inventory

Gaia Systems of Menlo Park, Calif. now has a PC-based ChemCheck computer software program. The program lets environmental, health, or safety professionals to determine which federal and state environmental regulations may apply to their own hazardous materials inventories.

ChemCheck 2.0 cross-references user-created chemical inventories to more than 10,000 hazardous chemicals listed in federal and state environmental regulations. The user can also select a particular regulation to view the list of chemicals covered by that regulation.

In the new release, the number of chemicals has been expanded and the number of regulatory lists increased from 30 to 48. The program now includes parameters for regulations—exposure limits, reportable quantities, threshold planning quantities and federal waste codes.

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

### Root growth regulator improves root quality, reduces shock

Spin Out root growth regulator from

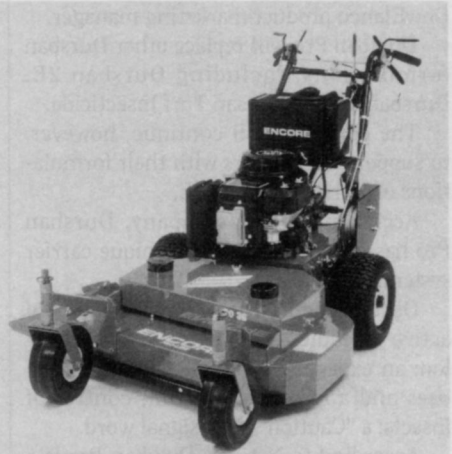
### Walk-behind has 14 hp engine, high lift blades

Encore's Eliminator walk-behind mower 36- and 48-inch models with gear-drive and 14 hp Kawasaki engines.

These mowers offer many standard features:

- five-speed transmission with reverse assist;
- heavy-duty reinforced steel decks and high-lift blades;
- matching dual V-belts and taper lock pulleys;
- yoke-style casters; six-inch brake drums; parking brake.

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



Griffing Industries of Houston, Texas can be used by wholesale and retail nurseries to produce a higher-quality nursery stock, reducing risk of plant loss.

Spin Out is a liquid formulation applied to the inside of plastic nursery containers. As the plant grows, Spin Out prevents root spiraling and matting, which can cause contain-grown plants to become root-bound, increasing the risk of plant death once they are transplanted.

Plants grown in pots treated with Spin Out begin growing almost immediately after transplanting because their root systems are healthy, more fibrous and ready to move into "new soil."

This fibrous root system allows the plant to absorb water and nutrients more efficiently and establish themselves in a garden quickly.

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

### New boring attachment for landscape sets up quick

A new boring attachment for skid-steer loaders comes from McLaughlin, of Greenville, S.C.

The M-4500 is designed for use by landscape and general contractors to install irrigation pipes, sprinkler systems, CATV and utility lines under landscaped areas, lawns sidewalks and areas where surface restoration is time-consuming and costly.

The M-4500 bores clean, compacted holes from 1¼ inches to 4½ inches in diameter.

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

### Mask pesticide odors with wintergreen spray scent

Terra International, Inc. has introduced Riverside Spray Scent W to the green industry.

Spray Scent W features a "wintergreen" scent that can be added to weed and brush sprays to mask objectionable pesticide odors.

Spray Scent W can be used in ditch banks, and around residential and industrial areas. The product is packaged in one-gallon jugs.

Terra recommends 2 to 4 ounces of Spray Scent when used with a water carrier and 8 to 10 ounces per 100 gallons of oil or oil emulsion.

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

### Insecticide soon available in a new low-odor formulation

DowElanco Specialty Products announces the introduction of Dursban Pro insecticide to control chinchbugs, cutworms and a variety of other insects. Dursban Pro, an emulsifiable concentrate, was designed to provide turf and ornamental professionals with the same proven performance they've come to expect from Dursban in a new low-odor formulation.

"By using Dursban in a new, state-of-the-art formulation, turf and ornamental professionals can continue to rely on the effectiveness they've come to expect from Dursban and still respond to public desire

# PRODUCT REVIEW

for low odor, says Mark Neterer, DowElanco product marketing manager.

Dursban Pro will replace other Dursban formulations, including Dursban 2E, Dursban 4E and Dursan Turf Insecticide.

The company will continue, however, to support formulators with their formulations of Dursban 2E and 4E.

According to the company, Dursban Pro has low odor due to its unique carrier system.

Other benefits include two pounds of active ingredient—chlorpyrifos—per gallon; an expanded label, allowing for more uses and a broader-spectrum control of insects; a "Caution" label signal word.

According to Neterer, Dursban Pro is a more effective product, but is safe to use near sensitive plants outside the application area. There are also improvements in Department of Transportation compliance,

which makes it easier to transport to the job site.

Dursban Pro is slated to be released in February.

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

## New bentgrasses feature better heat tolerance

From E.F. Burlingham & Sons comes Syn92-1 and 92-5, varieties developed at Texas A&M's breeding program in conjunction with the USGA and Bentgrass Research, Inc.

Syn92-1 has a moderately fine leaf texture with very good genetic color. It is anticipated that it will be an excellent performer in golf greens as far as the transition southern zone. The parents' root systems of both varieties were screened for survival at temperatures of 120 degrees

Fahrenheit for heat tolerance.

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

## Expanded label broadens herbicide use to 70 plants

The Environmental Protection Agency has approved an expanded label for Pendulum WDG herbicide from American Cyanamid.

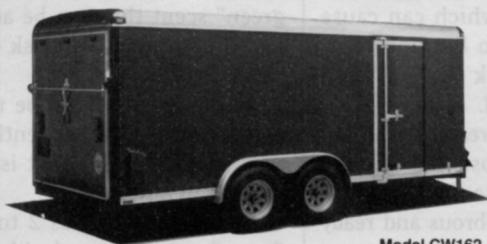
The new label enables landscapers, nursery growers, lawn care operators and golf course superintendents to use the product over the top of an additional 70 species of ornamental plants.

With the new label, Pendulum WDG herbicide may be used to control grasses and broadleaf weeds in more than 260 species of trees, shrubs, flowering beds and ground covers.

**Circle No. 205 on Reader Inquiry Card**

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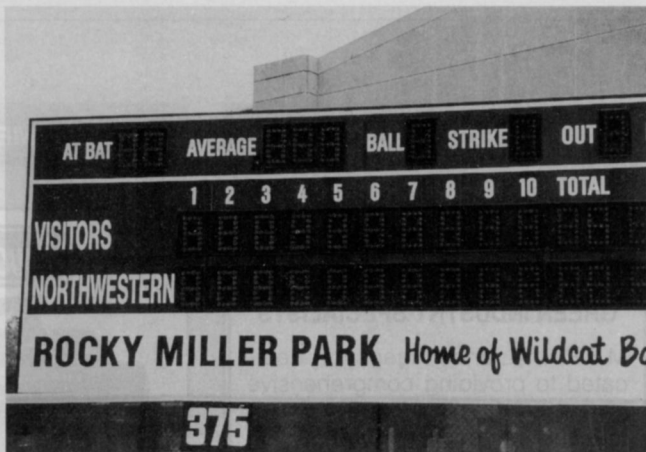
# PRODUCT REVIEW

## Fence guard protects against injury, looks good

Athletic field managers at Northwestern University have installed Fence Guard, by Oly-Ola Recreational Edgings, Villa Park, Ill. on the fence at Well's Baseball Field and Anderson Softball Field.

Fence Guard, a yellow vinyl safety cover, is attached to the top of the chain link fence surrounding the fields. The product protects against possible injury to a player who leaps for a fly ball, and adds to the aesthetics of the field.

Fence Guard is available in three col-



ors—yellow, orange and white—and is easily installed in 8-foot sections.

Circle No. 206 on Reader inquiry Card

## Pipe, cable locator tells placement of buried lines

The new Spot D Tek II Pipe & Cable Locator by McLaughlin pinpoints buried utilities to avoid the often devastating consequences of accidentally cutting through electrical lines, fiber-optic telephone cable, gas and water lines or other existing services.

This microcomputerized detection system takes the guesswork out of locating buried utilities, and even non-metallic PVC pipe with the use of a remote probe. You can quickly determine the precise location of services at depths to 14 feet below the surface, using any of four active detection frequencies. Live power and telecommunication lines are located without the need of a transmitter in any of three passive modes.

Circle No. 207 on Reader inquiry Card



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