

GREEN INDUSTRY SHOWCASE

Pre- and post-emergence nutsedge control

One of the most damaging landscape weeds is nutsedge. Nutsedge is difficult to control because it is common and very hardy. Nutsedge may lie dormant for years and then suddenly overtake a landscape.

Nutsedge reproduces by means of nutlets. Dr. Elton Smith, landscape and horticulture extension specialist at Ohio State University says nutlet dormancy is hard to predict. "That makes control difficult, because you never know where or when nutsedge will pop up," says Smith.

Smith prefers pre-emergence herbicides for most landscape situations. "With ornamentals already planted," advises Smith, "It probably makes more sense to use a pre-emergence product because it won't damage the plants you want to keep."

To remove nutsedge by hand, the entire plant must be removed. But that takes time—time many landscape companies don't have.

Joe Angel, a landscape project manager for Budd Services in Winston-Salem, N.C., often confronts nutsedge on large corporate properties.

Angel encountered a nutsedge problem on the Ciba-Geigy headquarters in Greensboro, N.C. He tried Ciba-Geigy's Pennant herbicide, which he found cut his crew's weeding time by 60 to 70 percent.

Post-emergence products are also an answer. Smith says Roundup and Basagran T/O are two that work, but they are most



Pre-emergence applications gives ornamentals a fighting chance against weeds.

effective if applied when weeds are young.

"You should be extremely careful that these products don't get too close to desirable ornamentals," warns Smith.

Steve Hellwege, spray division manager at Top Care Lawn Service in St. Louis, Mo., prefers pre-emergence control. "It gives ornamentals a fighting chance

against the weeds, which compete for light, space and nutrients, and it cuts down on our labor because we minimize our hand-weeding," explains Hellwege. "We don't have to worry about weeds popping up in between property visits when we use pre-emergence herbicides."

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SHOWCASE PRODUCT REVIEW

Tractor serves as backhoe, loader

Kubota Tractor Corporation's new B-20 tractor is an industrial strength compact tractor that can be equipped with a full-scale backhoe and loader.

Powered by a 20-hp engine, the B-20



was specifically designed to meet the rigorous demands of front loader, backhoe, trencher and box scraper work and yet retain the versatility and maneuverability found in a compact tractor.

With its Kubota-made, liquid-cooled 3-cylinder diesel engine, the B20 features hydrostatic transmission, and standard

SHOWCASE PRODUCT REVIEW

four-wheel drive for greater traction and power.

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Hydraulic accessory swings side-to-side

The "Powertilt" Bucket and Tool Positioner from Helac Corp. of Washington state is a hydraulically pow-



ered accessory that swings buckets and tools up to 60 degrees to the left or right.

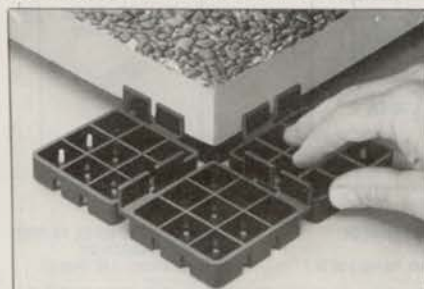
Designed for retrofit installation between the dipperstick and tool of most backhoes and excavators under 40,000 lbs. Standard buckets, 12 inches and wider, and most hydraulic tools are compatible with Powertilt.

Buckets and tools are completely interchangeable with Powertilt installed. Powertilt can expand machine dexterity to permit easier excavation under and around buried pipes, rocks, foundations or sidewalks.

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Reduce space between paver stones by half

A new Pav-El pedestal reduces the spacing between paver stones by 50 percent and increases load bearing area by 48 percent.



Envirospec, Inc., of Buffalo, N.Y., says the system can be used for elevation, uniform spacing and complete drainage of

paver-stones installed on roof deck areas.

According to the company, the Model 6x was designed to meet the aesthetic and functional needs of architects, roofing contractors and building owners for narrower openings between paver-stones.

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Dump trailer hauls 20 cubic feet of cargo

A new dump trailer from Cushman hauls up to 20 cubic feet of cargo, and can be used with the Cushman Turf-Truckster.

Because of the fifth wheel configura-

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PRODUCT REVIEW

tion, the new Turf-Truckster with Dump Trailer has excellent maneuverability for golf course and other landscape management maintenance applications.

The Turf-Truckster must be equipped with the special quick-attach fifth wheel hitch and the live hydraulics package available from Cushman. The Dump Trailer attaches to the



Turf-Truckster with a 2-inch ball hitch.

The Dump Trailer is equipped with 24-inch x 13-inch turf tires on 12-inch rims.

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Straight blade snowplow is hinged for control

The Boss straight blade snowplow is made with a unique multi-position hinged "V" snowplow whose cab control changes the position of two independently movable blade halves, making the Boss do the work of three different kinds of fixed blade snowplows.

The "rapid-tach" system allows attachment of plow to truck in seconds without an operator crawling under the vehicle in wet and cold conditions. Disconnecting the plow for storage is easy and quick.



The plow is backed by a two-year warranty. M.J. Electric of Iron Mountain, Mich. is the manufacturer.

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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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Grass collection system will carry 17 bushels

Ford-New Holland has a new grass collection system for its CM224 and



CM274 commercial mowers that features a 17-bushel hopper with a 73-inch dump height.

The blower impeller is driven from the right-hand mower spindle.

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Clippings and leaves are delivered to the hopper by way of a see-through tube.

The hopper is hydraulically dumped from the operator's seat. Dump height is ample for discharge into trailers or pickup trucks.

The new collectors are designed to simplify yard waste removal and minimize operating time for grounds keepers and commercial lawn care operators.

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Interlocking timbers easy to install

DesignWood interlocking timbers make it easy for landscape contractors to build unique planter boxes, borders, retaining walls and other backyard projects.

The patent-pending system uses 4x4 and 6x6 timbers, with pre-cut, pre-drilled interlocking ends. Pegs hold the timbers together, and two or three timbers can be connected at a joint.

Thompson Industries of Russellville, Ark., says the timbers are made of southern pine, pressure-treated with Wolman preservative and Wolman Extra water repellent additive.



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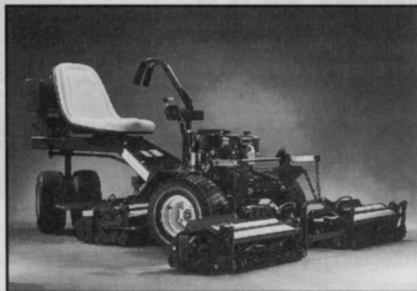
Mower system features 72-inch swath

National Mower Co. of St. Paul, Minn., is in full production of a new 72-inch mower system with floating out-front reels.

The TAC-1 features an extremely tight turning radius and three newly-designed mowing units.

National says the mower lets operators

make easy cuts around tricky bunkers and traps, without scalping. Each floating unit is cradled by a grooved front roller and a steel rear roller. In addition, National uses



its proven "scissor" suspension system to hang the two out-front units. This independent suspension system lets the cutting units flex to extreme, contour-hugging limits.

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Vacuum picks up fine chemical dust, powder

Nilfisk of America's portable GS 81 vacuum cleaner is being used by landscape managers for safe and effective cleanup of fine powders and dust which fill the air during mixing, storage and spreading of pesticides.

The Nilfisk GS 81 is equipped with a special High Efficiency Particulate Air Filter, and is capable of capturing 99.97 percent of particles down to 0.3 microns in size.

The vacuum can be equipped with polyliners so that spilled powder can be disposed of or re-used. In addition to collecting spilled powder, the vacuum cleaner should be used to clean loose powder which often attaches itself to workers' clothing.

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Power shovel attaches easily to skid-steers

The Speedy Spade from Oregon Excavating Equipment is called an ideal tool for planting, trenching, tree and stump removal, penetrating frozen ground and breaking through roots.

The company says the spade eliminates the need for auxiliary hydraulics.



The shovel digs from a stationary position, and allows the operator to eliminate manual labor, even on smaller, delicate jobs.

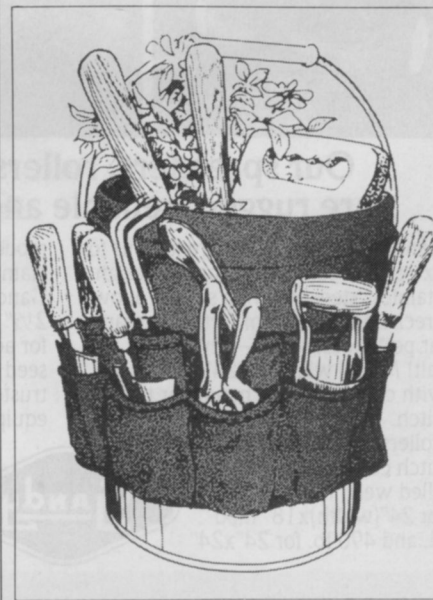
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Keep tools together with nylon carrier

The Bucket Boss is a nylon tool carrier that fits around a 5-gallon bucket, to make tool toting easier and more organized.

Tool will no longer be scattered in the truck bed or tool box.

The product has 27 pockets, arranged to line the outside and inside of the bucket.



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