

PRODUCT REVIEW

EPA approves fungicide in water-soluble packet

The Environmental Protection Agency has approved a new formulation for turf of Ciba-Geigy's Subdue fungicide.

Subdue + WSP combines Subdue's disease control in a water-soluble package.

"We listened to turf managers' concerns, and we think Subdue + WSP's package helps the industry address those concerns head-on, says Owen Towne, Ciba-Geigy product manager.

The product controls Pythium blight and Pythium damping-off in all turf species, yellow tuft in bluegrass, and downy mildew in St. Augustinegrass.

"Our original Subdue has been an effective turf fungicide for several years," says Towne. "The new formulation offers an alternative that features less potential applicator exposure and easier container disposal."

Subdue + WSP is packaged in a 20-ounce water-soluble bag, which comes in a standard cardboard box. To mix, drop the bag into a water-filled spray tank and agitate. The bag and fungicide dissolve quickly and completely.

Circle No. 192 on Reader Inquiry Card

Spray head features built-in nozzle with adjustable arcs

Hunter's S-type spray sprinkler with built-in nozzle is designed for use on small



turf and landscape areas. It is available with adjustable arcs to vary the radius and discharge rates, and as a fixed, full circle sprinkler. The adjustable arc feature allows the user to more precisely match irrigation coverage to garden design.

S-Type models include 2" or 4" pop-ups, a shrub head and a side strip sprinkler. Depending on the model employed, the S-Type radius may be varied from 3' to 19' and the discharge may be adjusted from 1/2 to 5.3 gpm.

The discharge rate increases automatically as the arc of the coverage is increased. The radius may be adjusted independently of the arc while maintaining matched precipitation between all models.

Circle No. 193 on Reader Inquiry Card

New modular design for hazardous waste storage

Landscape contractors, lawn care operators and golf course superintendents often find they have too-little storage space for control products or other liquids.

A series of modular hazardous materials storage buildings designed to permit more storage in less space has been developed by Shields Mfg., Oxnard, Calif.

"The modular system provides palletized depth, which makes for space efficiency," says Gary Van Valkenburgh, vice president.

The modular designs provide building in increments, in bays of 5 to 25 feet. Larger buildings are possible if the need is there.

The modular system has received Factory Mutual approval, and can be provided with fire-proofing and/or fire suppression systems.

An advantage of the modular system, according to Shields, is the capability to match end-user shelving requirements as needed, and still permit easy access to the interior.

Circle No. 194 on Reader Inquiry Card

Water-conserving spikes cut waterings by 50 percent

Soil Moist spikes without fertilizer are available in packages of 250 each from JRM Chemical, Cleveland, Ohio.

JRM says the spike is a safe, non-toxic polyacrylamide that will store more than 100 times its weight in tap water.

The spike releases a steady supply of water as needed by the plant.

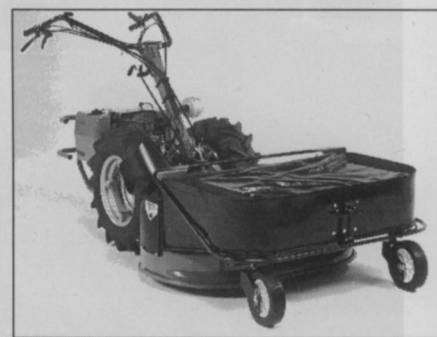
According to JRM the spike will help reduce turf waterings by as much as 50 percent.

Circle No. 195 on Reader Inquiry Card

Mower is designed for large commercial applications

The 745 commercial mower from BCS America, Inc. is designed for large-scale commercial work.

The mower runs off of a 14-hp Kohler



engine, with five forward and two reverse speeds. A 33-inch rear tine tiller is also available.

The model 745 features commercial construction throughout, from its all-gear transmission to heat-treated ball-bearing mounted shafts for long life.

A heavy-duty clutch absorbs shocks and eliminates the need for power-robbing belts. A low center of gravity provides uneven terrain.

Circle No. 196 on Reader Inquiry Card

Two-cycle oil burns entirely in combustion chamber

A new brochure from the Shaler Company describes the benefits of Rislone Premium Quality 2-cycle oil.

According to Shaler, just one oil/gas mixture meets the needs of most air-cooled, 2-cycle engines, including weed trimmers, chain saws, leaf blowers, power mowers and garden equipment.

Formulated with premium quality components, this oil burns completely in the combustion chamber.

Complete chamber burning eliminates noxious smoke and fumes, decreasing spark plug fouling and reducing deposits.

Circle No. 197 on Reader Inquiry Card

PRODUCT REVIEW

Hydrostatic walk-behind new for mower company

Gravely International has introduced its first hydrostatic walk-behind front-



mount mower, the Hydro Pro.

The new unit is powered by a 16-hp twin-cylinder Vanguard engine and features individual Sundstrand 70-series hydrostatic pumps to each wheel, individual wheel motors driving each wheel and single lever (friction washer) control for maximum forward ground speed control.

With approximate ground speeds of 0- to 5.4-mph forward and 0- to 1.5-mph reverse, the new Gravely unit mows as quickly as it will smoothly, according to Gravely. The unit can be used with all mower decks currently available for the Gravely Pro Series Heavy Duty machines, 40-, 50-, and 60-inches.

Circle No. 198 on Reader Inquiry Card

Powerful gasoline blower keeps greens dry, cool

Tempest Technology Corporation, the largest manufacturer of power blowers in the fire service industry, has announced the introduction of a new gasoline blower for use in the golf market.

Tempest says the blower is the most powerful blower on the market, and that it produces huge volumes of air that quickly dries a wet green.

The company says that the blower lets a greenskeeper control the amount of air needed for each problem green.

Because the blower is portable, it can be moved from one problem green to another, or to various areas around the green. Available in 5- and 9-hp units.

Circle No. 199 on Reader Inquiry Card

Hose reels have many spray and washdown uses

Hannay Reels makes a hose reel that is ideal for a number of pest control, landscape management and pressure washing procedures.

The Series 1500 handles 1/4"-1/2" i.d. hose and comes equipped with either a direct-crank rewind or a chain and sprocket drive powered by electric or compressed air motor. An auxiliary crank is available on the power rewind model as well.

Hannay Reels makes hose and cable reels for virtually any purpose, and the use of a reel extends the life of costly hose and cable, and keeps it safely stored and ready for use.

Circle No. 200 on Reader Inquiry Card

Backhoe attachment tackles the tough digging projects

Toyota's Skid-Steer Loader backhoe attachment is designed to tackle many



tough digging tasks, especially in tight places.

With a maximum digging depth of approximately 11 feet, the unit is suited for digging footings, foundations, general excavation, water and sewer line trenches, swimming pools and other applications where larger machines or hand labor are not practical.

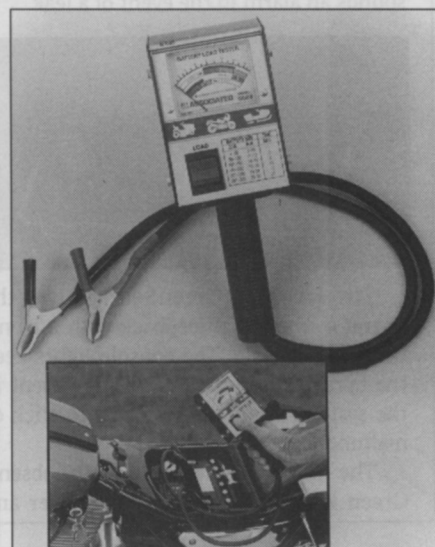
Buckets range from 10" to 36". The skid steer is designed to provide big machine performance in a compact, economical package, according to Toyota.

Easy-to-use lever controls and an adjustable boom swing speed control help keep learning time to a minimum. Hydraulic pump is standard equipment.

Circle No. 201 on Reader Inquiry Card

Battery tester available for smaller engines

An easy-to-use, hand-held battery tester for small engines is now available from



Associated Equipment Corporation.

The Model 6028 diagnoses charging and starting problems on 6- and 12-volt systems. With a single hook-up, four tests can be read on the simplified "good-bad" meter: state of charge; full load battery output; charging system voltage output; starter draw.

Circle No. 202 on Reader Inquiry Card

Turf sweeper single reel design is high efficiency

The Smithco Sweep Star turf sweeper utilizes a single reel design which operates with high pick-up efficiency and requires little maintenance.

Its full-floating, 5-foot wide reel, with pliable, serrated rubber fingers, removes leaves, clippings, pine needles and the smallest trash without damage to the turf, according to Smithco.

The sweeper is built with a hydraulic control system completely separate from its drive-train, which lets the sweeper raise and dump at any height up to six feet.

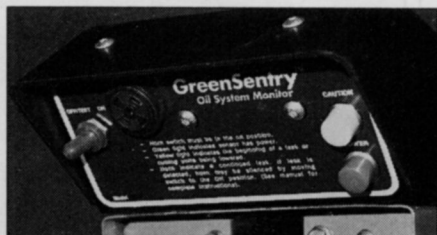
The hopper lifts easily to trucks, containers, and compost piles, even with wet and heavy loads. The sweeper is powered by a Kohler 23-hp, 4-cycle engine. A Kubota 19.5-hp diesel is optional.

Circle No. 203 on Reader Inquiry Card

PRODUCT REVIEW

Oil monitor detects hydraulic fluid leaks

Jacobsen's new GreenSentry monitors the flow of oil in the hydraulic system, and sounds an alarm in the event of a leak.



The Jacobsen GreenSentry gives the operator important feedback with a front-mounted console. The console lights keep the operator informed of oil movement in the system. There are no floats to stick or malfunction.

The monitor is available for Jacobsen's Green King IV triplex greens mower and

the LF-10 fairway mower.
Circle No. 204 on Reader Inquiry Card

Insecticides receive federal OK for mole cricket control

DowElanco's new Pageant DF insecticide has received federal EPA registration to control mole crickets in turfgrasses.

The label for the company's Dursban 50WSP insecticide has been expanded to mole cricket control in turf.

"Pageant DF and Dursban 50WSP, when used in an integrated pest management program, provide an effective way to control mole crickets, which have now become the most destructive insect pest of turf in the Southeast," says Mike Shaw, DowElanco spokesperson.

Pageant DF is a dry flowable broad-spectrum insecticide; Dursban 50WSP is a wettable powder in water soluble packets.

Circle No. 205 on Reader Inquiry Card

Pelletized minerals ready for green industry use

Kelly Lime & Rock Co., Inc. now distributes pelletized limestone, dolomite and gypsum in 50-lb. poly bags.

According to Kelly, the products are 100 percent natural. Fast-acting High Calcium Limestone is non-burning, cor-



rects soil acidity, provides plants with nutrients and helps decay lawn clippings.

Circle No. 206 on Reader Inquiry Card

POLLUTION CLEAN-UP INSURANCE FOR COMMERCIAL LAWN CARE FLEETS AND EQUIPMENT

Through the National Lawn Care Risk Purchasing Group, Inc., Lawn Care firms can now purchase pollution clean-up insurance for spills which are the result of an automobile accident.

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For further details contact:

Richard P. Bersnak, Jeanne Bartkus, or Dan Remley at:

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Circle No. 108 on Reader Inquiry Card

PRODUCT REVIEW

This trimmer is heavy-duty, high-torque workhorse

The T-27 is Shindaiwa's premier,
heavy duty workhorse. It's noted for out-



standing power, high torque and light
weight. The T-27 has electronic ignition
and a TK professional quality slide valve
carburetor for precision fuel metering in
the mid-RPM ranges where a trimmer
often runs.

Shindaiwa's T-27 features an efficient
forced air cooling system, automatic cen-
trifugal clutch and a full anti-vibration
system. The Shindaiwa line of trimmers
offers one lightweight flexible-shaft model
and four straight-shaft models models
weighing from 8.6 lbs. to 12.3 lbs., with
horsepower from 0.8 to 1.5.

The T-25 now boasts an improved
throttle, moved under the shaft for ease of
handling. It's 1.4 hp engine delivers out-
standing power and torque throughout
the RPM range. It has a full anti-vibration
system, large fuel capacity for extended
operation, electronic ignition and an
extra-long 60-inch shaft to eliminate
stooping.

Circle No. 207 on Reader Inquiry Card

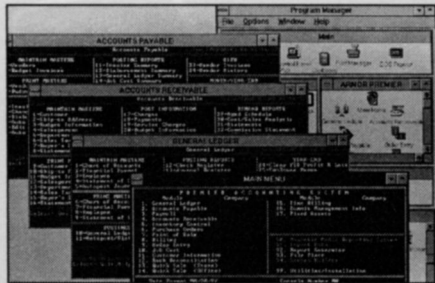
Accounting software for green industries

Armor Systems has designed a new
accounting software package for the agri-
culture/nursery-related market.

According to its Maitland, Fla. manu-
facturer, Premier Software can increase
productivity, reduce costs and control
business activities.

The software can track inventory, sales
and purchase orders. It also relays cus-

PRODUCT REVIEW



tomter information, and a Purchase Order program tracks demand. The Point of Sale program allows customers to pay with cash, check or five different credit cards.

Other modules are order entry, billing, general ledger, accounts payable and accounts receivable.

Circle No. 208 on Reader Inquiry Card

Treatment system cuts nitrates by 80 percent

An 80 percent reduction in contaminating nitrates was achieved at a Pennsylvania school system, after installing an alternative wastewater treatment system manufactured by Cromaglass Corp. of Williamsport, Pa.

Three studies, one conducted by Dr. Melvin C. Zimmerman of Lycoming College at a 250-student school that generates 1400-2200 gallons of wastewater per day, proved the Cromaglass system's efficiency.

The treatment system is also in use at the Jack Nicklaus-designed Grand Cayman Island golf course, and various island banks, condominiums and office buildings.

According to Cromaglass, the collated

data has demonstrated the batch treat unit capable of excellent total nitrogen removal superior to that required under new federal and state agency regulations.

Circle No. 209 on Reader Inquiry Card

New hydrostatic ZTR cuts a 42-inch path, maneuvers

Dixon Industries now offers the green industry a 42-inch hydrostatic ZTR mower.

The new ZXTR 542 features Hydro Gear drive, and, according to Dixon, outmaneuvers any heavy duty mower on the market.

The mowers move in tight circles around trees or light poles, cut neat, square corners without leaving uncut patches, turn in place without interrupt-



ing the pace. On lawns with numerous trees, benches and other obstacles, those saved minutes become hours.

It is powered by a Kohler engine.

Circle No. 210 on Reader Inquiry Card

New mulching blade has eight cutting edges

The new 2x2 Split Level mulching blade from Snapper features four horizontal and two vertical cutting edges that keep chopping clippings until they are reduced to a fine, powderlike mulch.

The new technology is available on the company's 1992 series of Recycling Mulcher Walk Mowers, with engines 4 hp and larger. Snapper also offers its standard recycling mulcher kits for all other Snapper mowing products, and says the Split Level blade will soon be added to expanded to include most Snapper product lines.

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