Scag Advantage Deck

Scag Advantage deck. Designed for Turf Tiger and Sabre Tooth Tiger zero-turn riders (as well as the walk-behind and three-wheel rider) from Scag, this deck eliminates stringers and reduces the need for double-cutting. Its air flow design stands up to tall, wiry grasses and cuts them cleanly. The deck gives a finished look, even with tough, tall grasses like southern Bahiagrass. Scag also offers a zero-turn walk-behind with decks from 36 in. to 72 in.

Circle No. 270

THE TORO COMPANY
612/888-8801
www.toro.com

The Z-Master Compact Mid-Mount ZRT from Toro is a smaller version of the Z-Master Z200 series. Unit has a cutting height adjustable in quarter-inch increments from 1 in. to 5 in. It operates at speeds up to 8.1 mph, which translates to a cutting speed of 3.7 acres per hour. Machine boasts excellent side-hill stability. It is available with 44- and 52-in. decks and recycler kits are available. Units are powered by either a 17- or 19-hp Kawasaki or 20-hp Kohler Command Pro engines. All models are backed by a 1-year limited, 2-year engine and hydro system and 3-year spindle assembly warranty.

Circle No. 272

WOODS EQUIPMENT
815/732-2141
www.woodsonline.com

Two new members have joined the Mow'n Machine line. The Z-Master from Toro boasts excellent side-hill stability.

Circle No. 273

YAZOO/KEES
800/723-9496
www.yazookees.com

The Mini-Max in the hottest-sell

Circle No. 274

WALKER MOWERS
303/221-5614

The mid-sized Walker Rider is one of the more compact zero-turn radius mowers available, designed to do the work of a mid-sized walk-behind mower with the increased productivity of a rider. Five tractor models are available ranging from 11 to 25 hp and with choice of gas or diesel engine. Five mower decks can be used, ranging from 36 in. to 62 in. with grass collection, side discharge or mulching capability.

Circle No. 273

The Mini-Max from Woods

M2250 has a 22-hp Kohler engine and a 50-in. deck and the M2560 has a 25-hp Kohler engine and an offset 60-in. deck. Both have a "user-centered" design that includes adjustable suspension seat cushioned for support and comfort, ergonomically designed hand controls for single-handed steering and a variety of positions to reduce operator fatigue.

Circle No. 275
**Maple in trouble**

A 10-in. diameter red maple is showing extensive chlorosis. Some of the leaves have interveinal browning. It doesn't look like scorch. There is no marginal leaf browning generally associated with scorch. At the base of tree, there is about 6 to 8 in. of soil mounding and lot of traffic, compaction and surface roots. How can we improve the health of this tree? Can we put soil on the surface roots?

— CANADA

This problem is typical of maple chlorosis generally associated with manganese micronutrient deficiency. However, the problem may also be related to iron and other micronutrient deficiencies. The best way to find out is to send about 50 representative leaves with foliar discoloration to a diagnostic clinic for a nutrient analysis test. Correction can be provided based on test results.

For manganese deficiency, the treatment should be done in early spring during the bud break and leaf expansion period. If it is done later in the year, leaves produced prior to treatment will not green up. Also remember that the treatment response may vary from tree to tree. Success may range from 30% to 50% of the time. Often, trees with codominant stems may show a less-than-satisfactory response.

If correction is not provided, nutritional starvation can cause the browning of leaves between the veins. This may mimic scorching but is not the same. For compaction, consider:

- Aerating with 2-in. auger and filling it with pea gravel. This vertical mulching should help minimize the compaction.
- Applying surface mulch to reduce compaction and possibly cover the surface roots.
- Planting low-growing ground covers to help cover the surface roots. Maples do produce a lot of surface roots and they can be further aggravated by compaction and traffic.
- It is not advisable to add new soil on top of the existing soil because it will suffocate the roots, change the water table and compound the problem.

**Fungus attacking ornamentals**

We understand that the fungus Verticillium sp. is a soil-borne fungus, which can attack a number of ornamental plants. We are seeing an increasing incidence of verticillium wilt on maples. Many of them are aggravated by this year’s drought. Can you provide a list of plants known to be resistant to Verticillium sp.?

— MICHIGAN

You are correct. Verticillium is capable of entering its host through basal trunk wounds. This activity is seen more during drought years, like this year. The following list of verticillium wilt resistant plants might be of interest to you.

apple  
beech  
bird  
cherry  
crab  
dogwood  
firethorn  
ginkgo  
hackberry  
hawthorn  
hickory  
holly  
honeylocust  
hornbeam  
juniper  
katsuratree  
larch  

**Basic pest management**

We know that destructive pest problems can cause severe stress on plants. We would appreciate your opinion on this topic and some management guidelines.

— NEW YORK

Destructive sucking pests like mites, scales, aphids or chewing pests, such as gypsy moths, Japanese beetles or elm leaf beetles can cause severe damage. Affected plants will decline because of stress — primarily nutritional starvation. Consider providing the management of specific insects, mites or diseases and also provide proper mulching, fertilizing and watering to help improve plant health.

Similarly, there are a number of early foliage diseases such as scab, rust, anthracnose and diplodia that can weaken and stress the plants — making them susceptible to borers and cankers.
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CheTech’s four-wheel drive

CheTech’s PUG 4x4 is a four-wheel-drive vehicle that articulates in the middle to handle challenging terrains in the landscape. It is equipped with a 20-hp engine and a 2,200-lb. payload. Options include ROPS, enclosed cab, snowplow, three types of dump boxes and more. For more information call 715/924-3192 or Circle No. 276

Columbia ParCar engine options

Two new models from Columbia ParCar are outfitted with the proprietary Briggs & Stratton 13-hp, 391-cc engine. The GU2400 features a 35-in. length bed and 2,400-lb. capacity, and the GU2400XB Extended has a 60-in. length bed and 2,400-lb. capacity. Both have front and rear suspension and cargo capacities of 12.5 and 20.5 cubic feet. Contact Columbia ParCar at 800/222-4653 for details or Circle No. 277

Electric broadcasters

The JRCO Inc. new stainless steel frame electric broadcaster Model 500 series is available with either a stainless steel, foot-controlled gate or push/pull cable. The electric front-mount broadcaster fits commercial walk-behind and riding mowers, and the heavy-duty broadcaster is ideal for spreading all types of fertilizer, seed, fire ant bait and ice-melting pellets. The polyethylene hopper holds 2.2 cu. ft. or 130 lbs. It improves productivity with increased ground speed and a controlled 5-ft. to 24-ft. spread pattern. For more information, call 800/966-8442 or Circle No. 281
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1. My primary business at this location is: (fill in ONE only)
   0040 Sports Complexes
   0050 Parks
   0060 Schools, Colleges & Universities
   0070 Hotels/Resorts
   0080 Hospital/Health Care/Military
   0100 Manufacturers
   0020 Landscape Contractors (installation & maintenance)
   0030 Landscape Architects
   0090 Dealers/Distributors/Formulators/Brokers
   0100 Others Allied to the Field (please specify) __________________________

2. Which of the following best describes your title? (fill in ONE only)
   10 Executive/Administrator- President, Owner, Partner, Director, General Manager, Chairman of the Board, Purchasing Agent, Director of Physical Plant
   20 Manager/Superintendent- Arborist, Architect, Landscape/Grounds Manager, Superintendent, Foreman, Supervisor
   30 Government Official- Government Commissioner, Agent, Other Government Official
   40 Specialist- Forester, Consultant, Agronomist, Pilot, Instructor, Researcher, Horticulturist, Certified Specialist
   50 Other Titled and Non-Titled Personnel (please specify) __________________________

3. SERVICES PERFORMED (fill in ALL that apply)
   A Mowing
   B Turf Insect Control
   C Turf Aeration
   D Irrigation Services
   E Turf Fertilization
   F Turf Disease Control
   G Landscape Design
   H Turf Weed Control
   I Insecticides
   J Line Trimmers
   K Mowers
   L Snow Removal Equipment
   M Sprayers
   N Spreaders
   O Landscape Installation
   P Snow Removal
   Q Other (please specify) __________________________

4a. Do you specify, purchase or influence the selection of landscape products?
   A Yes ☐ B No ☐

4b. If yes, check which products you buy or specify: (fill in ALL that apply)
   A Aerators
   B Blowers
   C De-icers
   D Fertilizers
   E Fungicides
   F Herbicides
   G Insecticides
   H Line Trimmers
   I Mowers
   J Snow Removal Equipment
   K Sprayers
   L Spreaders
   M Sweepers
   N Tractors
   O Truck Trailers/Attachments
   P Trucks
   Q Turfseed
   R Utility Vehicles
   S Others (please specify) __________________________

5. Do you have Internet Access?
   A Yes ☐ B No ☐

5A. If so, how often do you use it?
   A Daily ☐ B Weekly ☐ C Monthly ☐ D Occasionally ☐

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More capacity for Cushman

The new Cushman Turf-Truckster has more capacity, uni-body construction, a more powerful engine and amenities for operator comfort. The new four-wheel Turf-Truckster is rated to 2,850 lbs., while the three-wheel model can carry up to 2,500 lbs. A longer, 60-in. bed gives 30% more cargo space. The completely redesigned front end allows sharper turns than previous models. For more information, contact Textron Turf Care and Specialty Products at 888/299-TURF or

Circle No. 282

Quick-moving Rovers

Taylor-Dunn's Rover utility vehicle has electric and gasoline versions and reaches speeds up to 15 mph. They carry loads up to 800 lbs. and come in two configurations — a two-passenger vehicle with steel cargo box and a four-person carrier. Plastic body is attached to a tubular steel frame. For more information, call 714/956-4040 or

Circle No. 285

Gas and diesel Gators

John Deere's Turf Gator in both gas and diesel, plus the new Trail Gator for off-road use, have low ground pressure and a low center of gravity to work on turf without leaving ruts. The large cargo bed measures 44 by 9 by 9 in., with payload capacities that range from 500 to 1,000 lbs. Electric Gator is ideal for work areas such as college campuses and resorts. The unit's UL-approved charger plugs into a 120 VAC, 60-hertz wall receptacle and draws the maximum amount of current allowed to reduce charging time. Top vehicle speed is 15.5 mph. For more information, contact John Deere at 800/537-8233 or

Circle No. 286

Rugged Textron vehicles

E-Z-GO Textron LX Workhorse utility vehicles have a rugged, truck-like cowl, differential scuff guards, tubular front bumpers, bed liners, horns and fuel gauges or charge meters. Use the headlights for work from early morning to late in the day. Four models use three engine types (36-volt electric; 9-hp gasoline; and a 11-hp gasoline). For information, contact E-Z-GO Textron at 800/448-7476 or

Circle No. 284

Get diesel power from Kawasaki

The Kawasaki Mule 2510 Diesel is larger than an all-terrain vehicle, but smaller than a compact pickup truck. It drives like a car, has a bench seat for two and a tilting cargo bed. The newest Mule can carry 1,100 lbs. in the steel cargo bed and tow an additional 1,200 lbs. with its optional trailer hitch. For more information call 877/KAW-MULE or

Circle No. 287

Convertible Wheelbarrow

Rich Manufacturing Inc., manufacturer of the Convertible commercial mower, now offers a dump-style wheelbarrow as an attachment. The new Convert-a-Barrow attaches to the convertible when it's in the walk-behind position, allowing the operator to have a self-propelled wheelbarrow. No tools are needed for installation. The Convert-a-Barrow takes up little space on your trailer. For more information, call 765/436-2744 or

Circle No. 283
**Transport six workers**

SMITHCO's Red Rider utility vehicle can take up to six workers to job sites, move equipment and patrol at a speed of 12 mph.

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**Medium-duty utility vehicle**

Textron Turf Care and Specialty Products has introduced the Jacobsen Hawk, a new medium-duty utility vehicle designed to meet a wide range of golf course, park and other maintenance applications. The new Jacobsen Hawk is designed around a heavy-duty steel frame with reinforced front suspension, a rugged transaxle and rack-and-pinion steering. These features combine with a choice of gasoline or electric power to provide a stable, maneuverable off-road vehicle with wide adaptability to specific job situations. For more information, call 414/635-1162 or Circle No. 290

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**Tree protector**

Tree Pro has introduced Trunk Pro tree protector, which is designed to protect a plant for more than 12 months. The main application for Trunk Pro is for plants one-half-inch caliper and larger, protecting the trunk during removal and shipping. For more information call 800/875-8071 or Circle No. 289

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Circle 102
Liz Smentowski joined the commercial division of Rain Bird Sales as a sales and marketing specialist for the Central and Midwest sales regions. Michael Rivers, formerly a marketing coordinator in Rain Bird's commercial division, was promoted to public agency specialist.

American Cyanamid is continuing its Double the Dollars rebate program until the end of the year. The program rewards turf managers for early purchases of Cyanamid's Pendulum herbicide. To get a Double the Dollars coupon, contact your distributor or call 800/545-9595, ext. T2655.

The Melroe Company, Fargo, ND, in August said it's purchased certain assets of E-Z Implements, Jordan, MN. The implements are used in nursery and landscaping. Products include several models of digging and grading attachments, and a line of three- and four-blade tree spades.

Howard Fertilizer Inc. recently honored graduating students of Lake City (FL) Community College's Golf Course Operations, Landscape Technology and Turf Equipment Management programs, hosting a golf tournament that culminated in a scholarship awards banquet, where three outstanding students received $500 each.

A new $1.5-million powder coating system at Aliens Co., Brillion, WI, is expected to add productivity and flexibility in manufacturing, say company representatives. The new 15-color operation is designed for quick changeover in production.

Texttron reported that its Cushman line of industrial vehicles — those sold to warehouses, manufacturing facilities, shipping and railyards — is now being handled by E-Z-GO Textron, a subsidiary of Textron Golf, Turf Care and Specialty Products Group. The integration of operations only affects the Cushman line of industrial vehicles and not the vehicles sold the turf maintenance industry, as had been widely reported.

Barenbrug USA announced an allience with ERC-Environmental Recycling & Composting. Barenbrug is one of the largest producers of cool-season grasses in the world.

Monsanto Co. has completed the federal regulatory review for its Maverick herbicide, which selectively controls cheatgrass, downy brome and many winter broadleaf weeds.

BlueBird International Inc. announced the addition of Gregg Robisch to its sales team as national accounts sales manager. Robisch is responsible for sales and marketing to all of BlueBird's national accounts as well as to national and regional rental companies and landscape firms.

Dennis Haveman joined Profile Products' sales department as the south-central regional sales manager. Haveman is based in Dallas.

Jacklin Seed/Simplot Turf & Horticulture promoted Brandie Chapman to manager of public relations/auditing. She was previously assistant manager of public relations and advertising.

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CALCIUM CHLORIDE ... is the subject of a new Web site from Dow Chemical Co. The Web site can be accessed directly at www.dowcalciumchloride.com. The site covers the uses for calcium chloride, including melting ice and snow, controlling dust on unpaved roads, accelerating the setting rate of concrete, and a variety of other uses.
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