

bethtown, KY, it has a full 360° swing and a 140° independent boom swing. It is powered by an 8hp water-cooled diesel engine. Rubber tracks and backfill blade are standard equipment. It digs to 5'2" and has two speeds.

Circle No. 279

#### **NAGANO INDUSTRY CO.**

**800/525-3322**

[www.tomenatlanta.com](http://www.tomenatlanta.com)

The NS35-2, distributed by Tomen America, Norcross, GA, for Nagano Industry Co., is a 3.5 ton class mini-excavator with plenty of power. It has 6,835 ft.-lbs. of bucket force and 4,080 lbs. of arm force, making it a powerful worker. Due to the independent travel system, it can move in a straight line even when the boom, arm and bucket are activated. It offers a 123-in. digging depth and a maximum vertical depth of 90 in. Its standard bucket is 23.2 in.

Circle No. 280

#### **NEW HOLLAND**

**630/260-4000**

[www.newholland.com/construction](http://www.newholland.com/construction)

The full line of four New Holland Construction mini-excavators features top-mounted boom cylinders, low noise levels and easy serviceability. The EC15 has a



**New Holland has four minis.**

3330-lb. operating weight and 18hp engine. The EC25 is 6,060 lbs. with 28 hp; EC35, 7,500 lbs. and 36 hp; and the EC45 has 10,320-lb. capacity and a 46hp engine. The units from the Carol Stream, IL firm dig at depths from

7'3" to 12'2". Attachments include hydraulic hammers, tampers and ditch cleaning buckets.

Circle No. 281

#### **TERRAMITE CORP.**

**800/428-3772**

[www.terramite.com](http://www.terramite.com)

Two mini-excavators, the TX-15 and TX-25, offer sophisticated three-pump hydraulics for maximum efficiency. Made by Terramite Corp., Charleston, WV, the TX-15 has a 1.35-cu. ft. bucket, 9-rpm slewing speed and a digging force of 2,430 lbs. to a depth of 6'8". The TX-25 has the same size bucket but a slewing speed of 89.5 rpm, 3,750 lbs. of digging force and a maximum depth of 7'11". Both are powered by 3-cylinder Isuzu diesels, the former at 16.5hp, the latter at 23hp.

Circle No. 282

#### **THOMAS EQUIPMENT**

**800/561-5623**

The T153S from Thomas Equipment, Centerville, NB, is designed for tight areas. New this past fall, the 1500-lb. class unit has a 73.5-in. operating height and 60-in. working width. The front end offers 4,150 lbs. of breakout force.

It is powered by a 52hp Kubota V2203E. A heavy-duty 100 drive chain provides power to the wheels for traction and pushing. For operator safety, the hydraulic controls remain locked until the operator is in the seat with seatbelt fastened and seat bar lowered.

Circle No. 283

# Turfco Sells Lawn Equipment Factory Direct

Turfco Manufacturing Inc., based in Minneapolis, has announced a new direct purchase program for its lawn care products line. The new program will be available to landscapers and lawn care firms involved in commercial turf maintenance.

The new "Turfco Direct" program began November 15, 1999, with important new features for buyers, such as:

- 90-day "same as cash" purchase option
- No payment for 120 days
- 14-day "satisfaction assured" approval period
- Extended two-year new equipment warranty period
- A new "Parts Direct" overnight delivery program
- Toll-free phone ordering at 800-679-8201
- Online ordering and purchase options at [www.turfco.com](http://www.turfco.com)



"Customers receive products faster for less," says President Kinkead.

#### **Direct delivery now saves you time and money.**

"This new program was developed after very deliberate and careful market analysis," said George Kinkead, Turfco President. "The fast pace of product development and improvements makes it imperative that new products be made available to end users as rapidly as possible. For example, Turfco has introduced 12 new products to the market just in the past seven years. Yet, the "main-line" dealer operations focus most of their efforts on their primary product lines, so renovation and specialty products tend to get lost in the shuffle."

Kinkead says offering both products and replacement parts directly to customers will shorten their turn-around time for getting new equipment into operation, as well as getting machines back to work quicker. "Our product designs now make it possible for equipment owners and operators to make most repairs and adjustments right in the field, using regular hand tools."

Kinkead continued "Our turn-around time will be shorter and our factory will be more responsive. The company's golf course products will continue to be marketed through our existing distribution channels."

The new "Turfco Direct" phone number is (800) 679-8201. Fax requests and orders can be sent to (612) 785-0556, mailed to Turfco Manufacturing, Inc., 1655 101st Ave. N.E., Minneapolis, MN 55449-4420 or e-mailed to [sales@turfco.com](mailto:sales@turfco.com). For fast, immediate savings, visit the company's website at [www.turfco.com](http://www.turfco.com).



The new "Turfco Direct" program will include Turfco's lawn aerators, sod cutters, edgers and lawn overseeder.

ADVERTISEMENT

Circle 122



## ask the expert

BY BALAKRISHNA RAO

### Handling messy tree fruit

**Some of our customers are concerned with fruit droppings from crabapple trees. They like the flowers, but not the messy fruits. Is there anything we can do to help them? Also, are there any crabapples that produce good spring flowers, but little or no fruits later on?**

— MINNESOTA

**C**onsider treating with a product called Florel for eliminating fruits on existing crabapples. Success in fruit prevention depends upon applying Florel at the proper time. Reports indicate that treating crabapples when the plant is in full bloom to petal fall is better. More research is needed to fine-tune the treatment timing.

I found some information from the University of Minnesota stating that columnar cherry crabapple (*Malus robusta* 'Srecta') has a nice symmetrical oval form. It is a sparse bloomer, produces few fruits and has been disease-free.

Spring snow crabapple (*Malus* 'Spring Snow') has good tree form and has been disease-free and also reportedly produces abundant white flowers and bears no fruit.

An extension agent may be able to tell you of other crabapple varieties that do not produce fruit.

### Quackgrass attack

**We have a nursery where we grow a number of deciduous crops. We also grow hemlocks, spruce and fir plants. What kind of herbicide can we use to control quackgrass in our nursery?**

— NEW YORK

**T**o manage a quackgrass problem in a nursery, consider using a herbicide such as Casoron, Eptan, Kerb or Princep. Before using or purchasing them, study the label and make sure that the herbicides are safe to use around the crops you are growing. You may want to consider matching the herbicide to the specific situation rather than selecting one for your entire nursery. For example, Casoron will suppress or control quackgrass and a few other rhizome-forming perennial weeds in many deciduous crops. However, it should not be used on hemlock, spruce or fir. Casoron should be applied during late fall or early spring when you expect good rain. Moisture helps activate the herbicide and reduce loss due to volatilization.

Eptan is used to suppress the growth of several weeds, including quackgrass. It must be well incorporated into the soil, preferably by tilling, soon after application. Therefore, it may not be suitable or practical to use in your situation. Eptan has a short-term residual.

Kerb is also labeled for managing quackgrass and should be applied in autumn.

Review the label for these herbicides and determine the one that will give you the best weed control.

### Mysterious maple spotting

**Norway maples planted along roadsides are showing leaf spotting and foliar discoloration. There is a pattern to the discoloration in the tree canopy. It is more on the street side, approximately 1/4 to 1/2 of the tree. It is found on three to four trees on both**

**sides of the street. There is no evidence of anthracnose or girdling root. It doesn't appear to be leaf scorch. Any idea what it might be? City personnel have treated the trees with fungicides for tar spot disease.**

— CANADA

**F**rom your description of the symptom pattern, it appears to be related to an abiotic disorder. Since the trees have been treated with a fungicide to manage tar spot disease, the problem is most likely related to that. Check the mix rate and application technique. Since there is a specific pattern, the injury is roadside and it is limited to certain positions in the crown, I believe the foliar discoloration is related to spray injury. Most likely, the affected trees were treated with mix that remained in the hose for a period of time in the hot sun. If not recirculated, this hot mix can cause injury to treated foliage. Trees treated after the hot mix was sprayed out would not be injured.

To verify this, study the suspect plant on site. Also, study the temperature on the day the trees were treated and other areas in the city treated by the same person. If the product itself was phytotoxic, the injury pattern would be on all the treated trees. Make sure the mix rate and application techniques were done properly. Blasting with too much pressure also can cause injury.

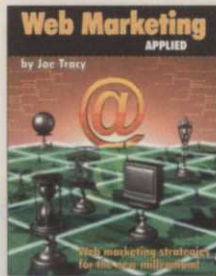


*Manager of Research and Technical Development for the Davey Tree Expert Co., Kent, Ohio*

**SEND YOUR QUESTIONS TO:** "Ask the Expert" Landscape Management; 7500 Old Oak Blvd.; Cleveland, OH 44130, or email: [sgibson@advanstar.com](mailto:sgibson@advanstar.com). Please allow two to three months for an answer to appear.



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# products

TECH CENTER

## Easy adjustment rotor

Rain Bird's new 5000 Series rotor requires only a bladed screwdriver for fast, easy top adjustment. Available in a 4-in. model, and, in the future, 6- and 12-in. models, the rotors provide the convenience of reversing full- or part-circle operation in one, plus easy arc adjustment from 40° to 360°. Other features include a water-lubricated gear drive, O-ring seals for solid performance under wet conditions and a pressure-activated, multifunction wiper seal that blocks out debris. The rotors also come with a tree (or "rack") of low angle, Radius+ and standard angle Rain Curtain™ nozzles and a capability of 50 ft.

For more information contact Rain Bird Sales at 626/812-3400 / circle no. 250

## Break down stumps and logs to manageable sized pieces

The new Megabyte stump and log shear is designed to break down stumps and oversized logs into manageable pieces, says its maker, Bandit Industries. It also acts as a stump puller that splits stumps that are still in the ground. The 9-ft., 2-in. opening allows it to split logs of almost any length both horizontal and perpendicular. It comes with a replaceable shear knife tip, replaceable front knife surfaces and replaceable teeth. With a third function hydraulic valve, removing the bucket and installing the shear only takes one to two hours.

For more information contact Bandit Industries at 800/952-0178 / circle no. 251

## New blade for loaders

The new Harley Power Box Blade™ for skid-steer loaders requires no electrical hook-up for a hydraulic angling cylinder. It has all the functions of Harley's PowerBox Rake, except for windrowing. Designed for landscaping, trench restoration or athletic field maintenance, it features a solid carbide toothed rake fixed in a straight forward operating position and welded to a quick attach plate. The roller is powered by the boom hydraulic of the skid-steer requiring 14 gpm.

## Dumping made easy with Goldoni Transcar

One of the most unique features of Panorama's Goldoni Transcar utility vehicle is its trilateral dump. The units dump to the right, left or the rear simply by moving a hinge pin. These vehicles are available in 21.5 hp, 30 hp or 37 hp in both articulated and front wheel steer models. All have power steering and four-wheel drive, and tire selections include ag tires, turf tires and super terra-grip tires. The Model 25 and 33 have six forward speeds and three reverse, and the Model 40 has eight forward and eight reverse with a shuttle shift. All three models have a rear PTO.

For more information contact Panorama at 800/392-2386 / circle no. 252



Contact Glenmac at 800/437-9779 or [www.glenmac.com](http://www.glenmac.com) / circle no. 253

## Vibratory plow has all the moves to get the job done

Vermeer Manufacturing Co. placed 715 lbs. of optimized weight over the flotation tracks and the plow blade in the direct center to make its new LM-11 with Porta-Bore attachment a highly maneuverable vibratory plow. The Porta-Bore attachment eliminates sidewalks, driveways and streets as obstructions, Vermeer says. Powered by an 11.5-hp one-cylinder Kawasaki engine, the vibratory plow can plow down to 12 in. A variable hydrostatic ground drive with steel track drive sprockets ensures solid performance.

Contact Vermeer at 888/VERMEER; [www.vermeer.com](http://www.vermeer.com) / circle no. 254

## Less noise all around

Fradan Power Equipment says its blowers, trimmers, stick edgers and brush cutters are all better on the ears, not to mention improved. Trimmers include a fixed guard that will not spin on the shaft, auto line cutter that protects against overload, adjustable loop and bike handle and multiple cross wrap flex shaft with full liner. The Back-Pac Power Blower features a parachute-style harness, large capacity fuel tank and a su-

percharged system that diverts pressurized air into the air filter, decreasing fuel emission and intake noise.

For more information contact Fradan at 914/632-3769 / circle no. 255

## Alleviator irrigation shut-off valve offers convenience

Pappas Products says its new Alleviator irrigation shut-off valve will allow business owners to work faster, dispatch employees at their convenience and give customers a time window for service rather than a specific appointment time. Pappas claims that the Alleviator™ is a full-port valve with less friction loss than a standard water meter. It can be mounted in any position and comes with a T-fitting to assist alignment to domestic water feed. An internally engineered plug-guide prevents metering rod vibration, whipping and loss of pressure.

For more information contact Pappas Products at 800/834-9119 / circle no. 256

## The Spade eases tree, material transport needs

The Spade, an attachment for skid loaders, is designed to aid the transplantation of trees and shrubs. But it can also do more, says Triple D Enterprises, like construct retaining walls, dig in horizontal banks and dig trenches for drain



pipe installation and irrigation. Boom-like design and chain attachment makes for simple unloading from trailer or truck. The Spade's design enables operators to dig correct size holes ranging from container trees to large root balls. Also a 1/2-yd. bucket, it can haul additional topsoil to help finish planting.

**For more information contact Triple D Enterprises at 800/478-7077 / circle no. 257**

### Take a pill to treat oily water

The new BioPuck HC from Landa Water Cleaning Systems uses bacteria to naturally reduce oil and other hydrocarbons in wash-water collection pits. In most applications, the company claims, each puck is capable of treating 1,000 gal. of oily water for a month. The puck is dropped into the collection pit like a "pill" and

begins to metabolize the hydrocarbons, converting them into carbon dioxide and water.

**Contact Landa Water Cleaning Systems at 800/547-8672, ext. 175 / circle no. 258**

### Mortarless retaining walls

Versa-Lok Retaining Wall Systems calls the Mosaic™ retaining wall system revolutionary be-



cause of its random, stone-like geometry and technological advantages. Concrete units of different sizes match the appearance of natural stone retaining walls. Mosaic Weathered™ units undergo a special process to create rustic, old-world character. Versa-Lok says that the concrete units are easily installed without mortar, require no concrete footings and are environmentally safe.

**Contact Versa-Lok Retaining Wall Systems at 800/770-4525 / circle no. 259**

### EZ Arc™ rotor

Toro Irrigation's new EZ Arc™ rotor can be adjusted from the top of the head with a simple tool or screwdriver and is now available in a 5-in. size to make clearing tall turf easy. Features include an X-Flow™ shut-off for dry nozzle and



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# products

arc changes and Trujectory™ adjustment for fine tuning the trajectory from 5 to 25 degrees. Smart Arc™ was created with vandals in mind as it returns the sprinkler to its previously set arc. Flow can be adjusted from 1 to 9 gpm and operates at up to 100 psi.

**For more information contact Toro at 612/888-8801 or [www.toro.com](http://www.toro.com) / circle no. 260**

## Stihl grass trimmers

The Stihl Professional Series™ grass trimmers feature increased horsepower for more power, torque and power-to-weight ratio. A new 25.4-cc engine features a swirl combustion chamber for improved fuel efficiency, increased power and durability. An Easy Start™ system includes



a shock absorbing handle and a fuel pump primer. Other features include see-through fuel tank, dual stage air filter, electronic ignition and antivibration system.

**For more information contact Stihl at 800/GO STIHL or [www.stihlusa.com](http://www.stihlusa.com) / circle no. 261**

## Pop goes the water

Aqua-Pop Pop-Up assemblies rise up with 6 lbs. of water pressure at 5 or 9 in. above ground-cover, evenly water gardens and groundcover and retract back into the ground when not in use. That way, a beautiful garden takes center stage while watering devices remain hidden. The Aqua Pops are pre-assembled in the fol-

lowing options: 9 in. or 5 in., barbed or threaded for connection to 1/4-in. tubing or 1/2-in. PVC and spray jets in three different spray patterns — full, half or quarter circle.

**For more information contact Raindrip at 800/544-3747 / circle no. 262**

## Invisible valve

The Whetstone Group promises that its Slam Shut™ flow control valve will eliminate waste that comes from leaky or broken sprinklers. The combination ball valve and retaining system are installed in seconds inside the sprinkler riser. The stem holds the valve open for normal, unrestricted operation, but when a sprinkler head is broken, the Slam Shut valve closes instantly. A tiny stream of water is allowed to shoot upward to mark the location of a broken head for fast repair. Other sprinklers in the same zone aren't affected, either.

**Contact Whetstone at 760/738-0005 or [www.slamshut.com](http://www.slamshut.com) / circle no. 263**

## Super scraper gives skid-steer more versatility

The new Bobcat® Super Scraper skid-steer loader attachment features a horizontal, rotating disk designed to remove ice, compacted snow, mud and commercial tile. A skid-steer loader operator lowers the edge of the disk flat to the ground and then drives forward to peel away material. The Super Scraper attachment mounts quickly to Bobcat skid-steer loaders and can be easily maneuvered to desired project locations, providing quick turnaround time. The self-sharpening disk is 22 in. in diameter and weighs 172 lbs.

**For more information contact Bobcat at 701/241-8740 / circle no. 264**

## Get a lift

The Kesmac Lift forklift has a low center of gravity and one of the shortest overhangs on a truck or trailer. Buyers now have a choice of the Kesmac slide hook-up or the standard pad mount system. Soon, Kesmac will offer a hook-

on easy mounting kit.

**For more information contact Kesmac at 905/476-6222 / circle no. 265**

## Spreading the field

Shindaiwa has added to its extensive landscape equipment product line by offering RS75 rotary broadcast spreaders with welded steel frames and 13-in. tires. To ensure constant and accurate dosages, each has a spring-loaded on/off



lever, on-hopper rate adjustment and optional side deflector. A rotary hopper agitator, Delrin axle bushings and removable gear cover make for smoother service and adjustment.

**Contact Shindaiwa at 503/692-3070; [www.shindaiwa.com](http://www.shindaiwa.com) / circle no. 266**

## Log splitter eliminates carbon monoxide emissions

No carbon monoxide emissions makes Bachtold's new electric log splitter unique — go ahead, operate the Bachtold HE-21 in the shelter of a garage away from the rain and cold. A "bring-it-back" log tray does away with having to lift the unsplit section of large logs back onto the splitter. The log tray extends and retracts with the hydraulic cylinder to carry and hold the log while splitting it and bring back the unsplit log section if the operator wants to split it into a smaller piece. The splitter is rated at 12



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1. My primary business at this location is: (fill in ONE only)

**CONTRACTORS/SERVICE COMPANIES**

- 02  255 Landscape Contractors (installation and maintenance)
- 03  260 Lawn Care Service Companies
- 04  265 Custom Chemical Applicators
- 05  270 Tree Service Companies/Arborists
- 06  275 Landscape Architects
- 07  280 Land Reclamation and Erosion Control
- 08  285 Irrigation Contractors
- Other Contractors/Service Companies (please specify) \_\_\_\_\_

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- 12  305 Schools, Colleges, Universities
- 13  310 Industrial or Office Parks/Plants
- 14  315 Shopping Centers, Plazas or Malls
- 15  320 Private/Public Estates or Museums
- 16  325 Condominiums/Apartments/Housing Developments/Hotels/Resorts
- 17  330 Cemeteries/Memorial Gardens
- 18  335 Hospitals/Health Care Institutions
- 19  340 Military Installations or Prisons
- 20  345 Airports
- 21  350 Multiple Government/Municipal Facilities
- Other Grounds-care (please specify) \_\_\_\_\_

**SUPPLIERS AND CONSULTANTS**

- 22  355 Extension Agents/Consultants for Horticulture
- 23  360 Sod Growers, Turf Seed Growers & Nurseries
- 24  365 Dealers, Distributors, Formulators & Brokers
- 25  370 Manufacturers
- Other (please specify) \_\_\_\_\_

2. Which of the following best describes your title? (fill in ONE only)

- 26  10 **Executive/Administrator** - President, Owner, Partner, Director, General Manager, Chairman of the Board, Purchasing Agent, Director of Physical Plant
- 27  20 **Manager/Superintendent** - Arborist, Architect, Landscape/Grounds Manager, Superintendent, Foreman, Supervisor
- 28  30 **Government Official** - Government Commissioner, Agent, Other Government Official
- 29  40 **Specialist** - Forester, Consultant, Agronomist, Pilot, Instructor, Researcher, Horticulturist, Certified Specialist
- 30  50 **Other Titled and Non-Titled Personnel** (please specify) \_\_\_\_\_

3. SERVICES PERFORMED (fill in ALL that apply)

- 40  A Mowing
- 41  B Turf Insect Control
- 42  C Tree Care
- 43  D Turf Aeration
- 44  E Irrigation Services
- 45  F Turf Fertilization
- 46  G Turf Disease Control
- 47  H Ornamental Care
- 48  I Landscape Design
- 49  J Turf Weed Control
- 50  K Paving, Deck & Patio Installation
- 51  L Pond/Lake Care
- 52  M Landscape Installation
- 53  N Snow Removal
- 54  O Other (please specify) \_\_\_\_\_

4a. Do you specify, purchase or influence the selection of landscape products?

- 75  Yes 76  No

4b. If yes, check which products you buy or specify: (fill in ALL that apply)

- 55  1 Aerators
- 56  2 Blowers
- 57  3 Chain Saws
- 58  4 Chipper-Shredders
- 59  5 De-icers
- 60  6 Fertilizers
- 61  7 Fungicides
- 62  8 Herbicides
- 63  9 Insecticides
- 64  10 Line Trimmers
- 65  11 Mowers
- 66  12 Snow Removal Equipment
- 67  13 Sprayers
- 68  14 Spreaders
- 69  15 Sweepers
- 70  16 Tractors
- 71  17 Truck Trailers/Attachments
- 72  18 Trucks
- 73  19 Turfseed
- 74  20 Utility Vehicles

5. Do you have internet access? 77  A Yes 78  B No

5a. If so, how often do you use it?

- 79  A Daily 80  B Weekly 81  C Monthly 82  D Occasionally

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101	113	125	137	149	161	173	185	197	209	221	233	245	257	269	281	293	305
102	114	126	138	150	162	174	186	198	210	222	234	246	258	270	282	294	306
103	115	127	139	151	163	175	187	199	211	223	235	247	259	271	283	295	307
104	116	128	140	152	164	176	188	200	212	224	236	248	260	272	284	296	308
105	117	129	141	153	165	177	189	201	213	225	237	249	261	273	285	297	309
106	118	130	142	154	166	178	190	202	214	226	238	250	262	274	286	298	310
107	119	131	143	155	167	179	191	203	215	227	239	251	263	275	287	299	311
108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288	300	312
109	121	133	145	157	169	181	193	205	217	229	241	253	265	277	289	301	313
110	122	134	146	158	170	182	194	206	218	230	242	254	266	278	290	302	314
111	123	135	147	159	171	183	195	207	219	231	243	255	267	279	291	303	315
112	124	136	148	160	172	184	196	208	220	232	244	256	268	280	292	304	316



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## BUSINESS REPLY MAIL

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# Landscape MANAGEMENT

ADVANSTAR COMMUNICATIONS INC  
 PO BOX 5054  
 PITTSFIELD MA 01203-9697





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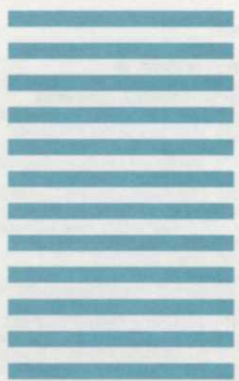


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**Landscape  
MANAGEMENT**

ADVANSTAR COMMUNICATIONS INC  
PO BOX 5054  
PITTSFIELD MA 01203-9697



**Landscape  
MANAGEMENT  
January 2000**

This card is void after March 15, 2000

NAME (please print) \_\_\_\_\_  
 TITLE \_\_\_\_\_  
 FIRM \_\_\_\_\_  
 ADDRESS \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_  
 PHONE (\_\_\_\_) \_\_\_\_\_ FAX (\_\_\_\_) \_\_\_\_\_  
 E-MAIL ADDRESS \_\_\_\_\_

I would like to receive (continue receiving) LANDSCAPE MANAGEMENT free each month:  Yes  No

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Save TIME and fax it:  
413-637-4343**

Fill in ovals as shown: ●

1. My primary business at this location is: (fill in ONE only)

**CONTRACTORS/SERVICE COMPANIES**

- 02  255 Landscape Contractors (installation and maintenance)
- 03  260 Lawn Care Service Companies
- 04  265 Custom Chemical Applicators
- 05  270 Tree Service Companies/Arborists
- 06  275 Landscape Architects
- 07  280 Land Reclamation and Erosion Control
- 08  285 Irrigation Contractors
- Other Contractors/Service Companies (please specify) \_\_\_\_\_

**INSTITUTIONAL FACILITIES**

- 09  290 Sports Complexes
- 10  295 Parks
- 11  300 Right-of-Way Maintenance for Highways, Railroads or Utilities
- 12  305 Schools, Colleges, Universities
- 13  310 Industrial or Office Parks/Plants
- 14  315 Shopping Centers, Plazas or Malls
- 15  320 Private/Public Estates or Museums
- 16  325 Condominiums/Apartments/Housing Developments/Hotels/Resorts
- 17  330 Cemeteries/Memorial Gardens
- 18  335 Hospitals/Health Care Institutions
- 19  340 Military Installations or Prisons
- 20  345 Airports
- 21  350 Multiple Government/Municipal Facilities
- Other Grounds (please specify) \_\_\_\_\_

**SUPPLIERS AND CONSULTANTS**

- 22  355 Extension Agents/Consultants for Horticulture
- 23  360 Sod Growers, Turf Seed Growers & Nurseries
- 24  365 Dealers, Distributors, Formulators & Brokers
- 25  370 Manufacturers
- Other (please specify) \_\_\_\_\_

2. Which of the following best describes your title? (fill in ONE only)

- 26  10 Executive/Administrator - President, Owner, Partner, Director, General Manager, Chairman of the Board, Purchasing Agent, Director of Physical Plant
- 27  20 Manager/Superintendent - Arborist, Architect, Landscape/Grounds Manager, Superintendent, Foreman, Supervisor
- 28  30 Government Official - Government Commissioner, Agent, Other Government Official
- 29  40 Specialist - Forester, Consultant, Agronomist, Pilot, Instructor, Researcher, Horticulturist, Certified Specialist
- 30  50 Other Titled and Non-Titled Personnel (please specify) \_\_\_\_\_

3. SERVICES PERFORMED (fill in ALL that apply)

- 40  A Mowing
- 41  B Turf Insect Control
- 42  C Tree Care
- 43  D Turf Aeration
- 44  E Irrigation Services
- 45  F Turf Fertilization
- 46  G Turf Disease Control
- 47  H Ornamental Care
- 48  I Landscape Design
- 49  J Turf Weed Control
- 50  K Paving, Deck & Patio Installation
- 51  L Pond/Lake Care
- 52  M Landscape Installation
- 53  N Snow Removal
- 54  O Other (please specify) \_\_\_\_\_

4a. Do you specify, purchase or influence the selection of landscape products?

- 75  Yes 76  No

4b. If yes, check which products you buy or specify: (fill in ALL that apply)

- 55  1 Aerators
- 56  2 Blowers
- 57  3 Chain Saws
- 58  4 Chipper-Shredders
- 59  5 De-icers
- 60  6 Fertilizers
- 61  7 Fungicides
- 62  8 Herbicides
- 63  9 Insecticides
- 64  10 Line Trimmers
- 65  11 Mowers
- 66  12 Snow Removal Equipment
- 67  13 Sprayers
- 68  14 Spreaders
- 69  15 Sweepers
- 70  16 Tractors
- 71  17 Truck Trailers/Attachments
- 72  18 Trucks
- 73  19 Turfseed
- 74  20 Utility Vehicles

5. Do you have Internet Access? 77  A Yes 78  B No

5a. If so, how often do you use it?

- 79  A Daily 80  B Weekly 81  C Monthly 82  D Occasionally

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112	124	136	148	160	172	184	196	208	220	232	244	256	268	280	292	304	316





tons force and is driven by a 1-hp, 110-volt motor. Contact Bachtold Bros. at 888/988-7001; [www.bachtoldbros.com](http://www.bachtoldbros.com) / circle no. 267

### Herbicides for dry or wet environments

Riverdale Chemical has two new broad spectrum, postemergent herbicides for turf and landscape: Razor™ and AquaNeat. Razor is for terrestrial applications, including railroad beds, roadsides, industrial sites, forestry areas and

recreational sites. AquaNeat is for lakes, rivers, ponds, estuaries, irrigation and drainage ditches, reservoirs and wastewater treatment facilities. Both herbicides are designed for sprayable applications, and both are absorbed through weeds' leaves.

For more information log on to [www.riverdalecc.com](http://www.riverdalecc.com) / circle no. 268

### Connect PTOs fast, easy

The Ekeberg is a 3-pt. PTO quick coupling attachment that Ekeberg International says connects and disconnects PTOs and non-PTO attachments safe, fast and easy in less than 20 seconds. Other claims are that the Ekeberg can be connected by the operator without assistance and without getting out of the seat by engaging the hydraulic locking cylinders. It

covers categories one to three, aligns on various levels and angles and has an automatic PTO and smooth, interlocking chamber.

For more information contact Ekeberg at 978/689-9330 / circle no. 269

### For more safety on slopes

R & B Manufacturing's four models of Slope Degree Indicators detect dangerous degrees of slopes and save lives. The model for riding lawn mowers has a face measuring 3-in.-by-2-in., reads from 0° to 45° side to side tilt, and is accurate to within less than one degree, R & B says.

For more information contact R & B at 816/587-9814; [www.tiltmeter.com](http://www.tiltmeter.com) / circle no. 270

## Want a new source for pest information?



[www.pestfacts.org](http://www.pestfacts.org)

Termites, cockroaches, rodents, even poison ivy and other nasty weeds. They're all pests, which means they can cause real problems that pose health and safety risks to children and adults. The good news is now you've got the Pest Facts Information Center at [www.pestfacts.org](http://www.pestfacts.org). It's a handy resource discussing the problems caused by pests, as well as the safe and responsible use of urban pesticides and related issues. So don't just sit there...log on.





# Increase Productivity with JRCO

Attachments for commercial mowers:  
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**Tine Rake  
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Dethatch while  
you mow



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WEBWORM, with Abamectin (Abacide) and over 31 destructive  
tree diseases with Fungisol!

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Circle No. 26

# A WORLD OF NEW IDEAS



**New Jersey 2000  
Landscape**

23RD ANNUAL TRADE SHOW AND CONFERENCE

"Meeting the Needs of the Green Industry Professional"

**Wednesday, February 23, 2000**

8:30 AM - 4:30 PM

Meadowlands Exposition Center  
Secaucus, New Jersey



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