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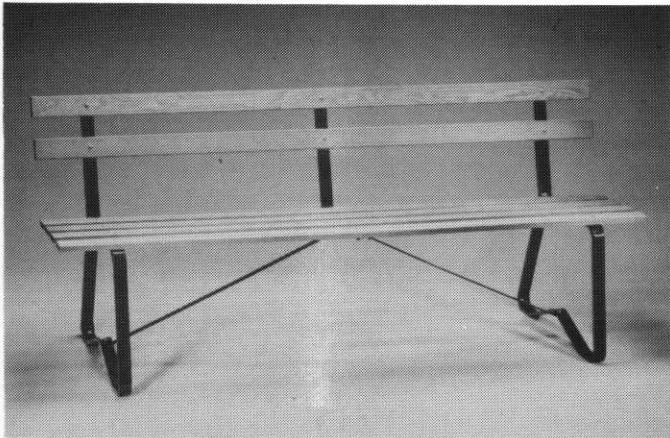
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MGCSA ASSOCIATE NEWS



New Budget-Conscious Bench From Par Aide Provides Ideal Seating

How do you combine craftsmanship, low maintenance and affordability into attractive seating? Par Aide's new 6' course bench answers golf superintendents' requirements for comfortable, durable, affordable seating.

Steve Garske, President of Par Aide Products, reports this bench is easy to assemble and the frame is stock finished in a powder-coated hunter green. Slats are pre-drilled and available in a choice of finished oak or fir. A tested, nono-tip design assures this lightweight bench will deliver many years of low maintenance service. For those who wish to supply their own lumber, an optional frame kit, complete with nuts and bolts, can be ordered.

For more information on Par Aide's new bench and other products, contact Par Aide Products Company at: 3565 Hoffman Road East, St. Paul, MN 55110-5376. Or for the name of the Par Aide dealer nearest you, call 612/779-9851.

Jacobsen's New Turfcat® Line Offers a Wide Range of Options

A choice of three more engines gives Jacobsen's new generation of Turfcat® out-front rotary mowers a wide range of power and traction drive options. Turfcat models now feature a Kubota 23- or 28-hp diesel engine, a 45-hp Ford gas engine and two- or four-wheel drive.

"Key new Turfcat improvements," says Steve Yolitz, Jacobsen director of product management, "are greater productivity, operator comfort and reliability. Operators can now mow at up to 6 miles per hour in low range and transport speeds in high range up to 10 miles per hour get the Turfcat between jobs faster."

The Turfcat's new ergonomic design features a contoured seat and easy-to-reach controls. All gauges are located up front and are easy to read. Foot pedal operation for mowing and transport keeps the operator's hands free for steering.

All models feature Jacobsen's hydraulic deck drive and hydrostatic transmission with dual-range transaxle to handle tough mowing conditions. Additional Turfcat improvements include new electrical components and a high-output alternator for greater reliability, plus a large radiator and high-flow water pump for increased engine cooling.

"The Turfcat's new hood design also makes maintenance easier," adds Yolitz. "You simply slide the hood back and tilt it up for full access to the engine."

A wide range of attachments adds to the Turfcat's all-season versatility. In addition to the new Mulcherizer™ decks plus side/rear discharge rotaries and flail mowers, other Turfcat attachments include a snow blower, rotary brush, debris blower and dozer blade.

For more details on the new Turfcat, call your nearby Jacobsen distributor or write to: Turfcat, Jacobsen Division of Textron Inc., 1721 Packard Avenue, Racine, WI 53403-2564.

Jacobsen Division of Textron Inc. will celebrate its 75th anniversary in 1996.

Pebble Beach Selects Ransomes For Exclusive Turf Maintenance Agreement

The Pebble Beach Company has selected Ransomes as its exclusive supplier of turf maintenance equipment. The three-year rolling agreement with the world-famous Pebble Beach resort states that all new equipment for its golf courses and ground maintenance will come from the Ransomes/Cushman/Ryan product lines.

"The exclusive agreement to Pebble Beach is significant because it emphasizes our company's leadership role in the turf maintenance industry," said Peter Wilson, group chief executive of Ransomes pls.

Pebble Beach is recognized not only as one of the leading courses in the world, but also one of the most beautiful. This agreement links two companies who share a common concern for environmental, safety and quality issues.

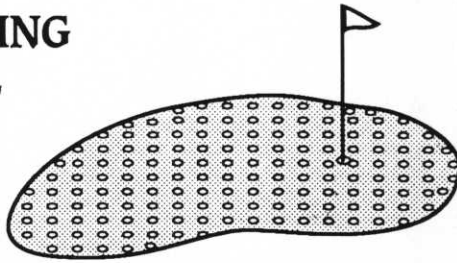
Ransomes products are marketed globally under the Cushman (Truckster product range), Ryan (aeration equipment) and Ransomes (reel products) brand names.

A (W)HOLE IN ONE

One-stop shopping for golf course materials

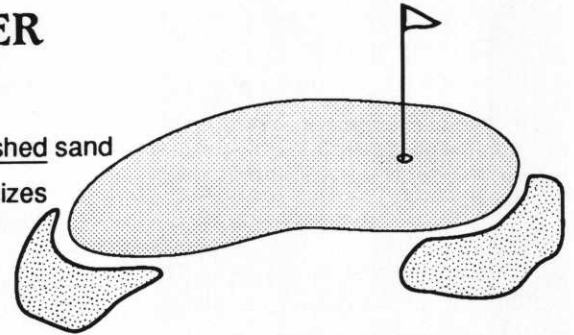
TOPDRESSING MATERIAL

- 80/20, 70/30, or mix to order
 - Sand screened with 1mm screen (USGA spec)
 - Product blended then rescreened through 3mm screen to assure clean mix
- All specs available upon request*

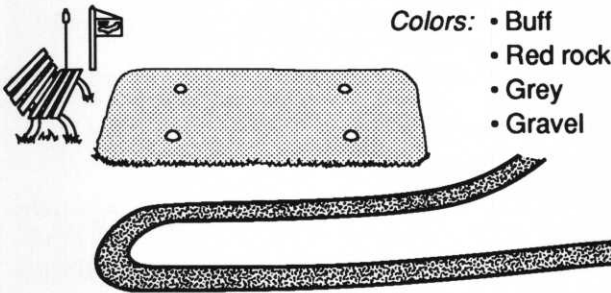


BUNKER SAND

- Clean, washed sand
- 2 particle sizes to choose from



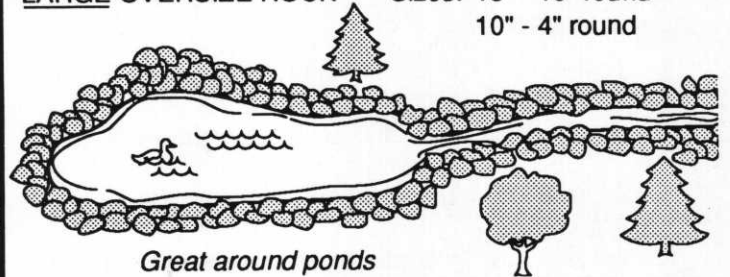
CARTPATH AGGREGATE



- Colors:
- Buff
 - Red rock
 - Grey
 - Gravel

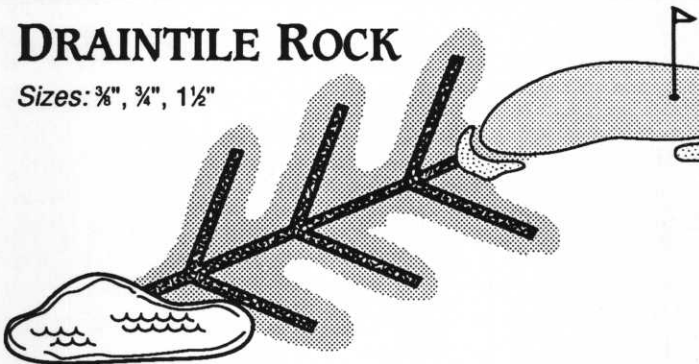
RIP RAP

- LARGE OVERSIZE ROCK Sizes: 18" - 10" round
10" - 4" round



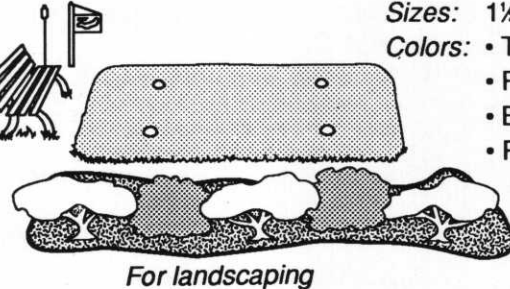
DRAINTILE ROCK

- Sizes: 3/8", 3/4", 1 1/2"

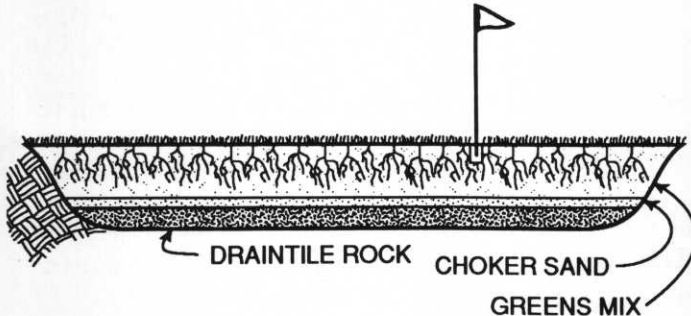


DECORATIVE ROCK

- Sizes: 1 1/2" or 3/4"
Colors:
- Trap rock
 - Red rock
 - Buff limestone
 - River rock
 - Granite
 - Salt & pepper



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AT THE MINNEAPOLIS CONVENTION CENTER

1995 MTGF Conference & Show Was a Huge Success

Total Attendance was 1273 — Booths Reach Record Number of 235

By Scott Turtinen

Executive Director

The 1995 MTGF Conference and Show held at the Minneapolis Convention Center December 6-8 made positive strides in its second year.

As newly-elected MGCSA President James Gardner, CGCS said, "It was an outstanding educational conference and the Trade Show looked like a Mini-National Conference.

Excellent attendance, a superb program and the pleasant atmosphere at the Convention Center added up to a successful conference.

A record number of 235 exhibitor booths was well-received. Next year the conference committee hopes to have 300 booths. This was the first year the exhibits were in the domed exhibit hall.

Breakdown of the members attending for the nine associations involved was:

Minnesota Golf Course Superintendents' Association (MGCSA), 460;

Minnesota Park Superintendents' Association (MPSA), 67;

Minnesota Sports Turf Managers Association (MSTMA), 38;

Minnesota Nursery & Landscape Association (MNLA), 32;

Minnesota Society of Arboriculture (MSA), 28;

Minnesota Association of School Maintenance Supervisors (MASMS), 15;

Minnesota Turf Association (MTA), 8;

Minnesota Association of Cemeteries (MAC), 4;

Northern Minnesota Forage and Turf Seed Advisory Committee (NMFTSAC), 0.

In addition, there were 246 persons with no association affiliation at the show.

New MGCSA officers elected at the association's annual meeting were:

James Gardner, CGCS, Rochester Country Club, president;

Fred Taylor, Mankato Golf Club, vice-president;

Tom Johnson, New Richmond Golf Club, treasurer.

John Granholt, Eau Claire Country Club, remains as secretary;

Kevin Clunis, St. Croix National, outgoing president, remains on the board as an ex-officio member.

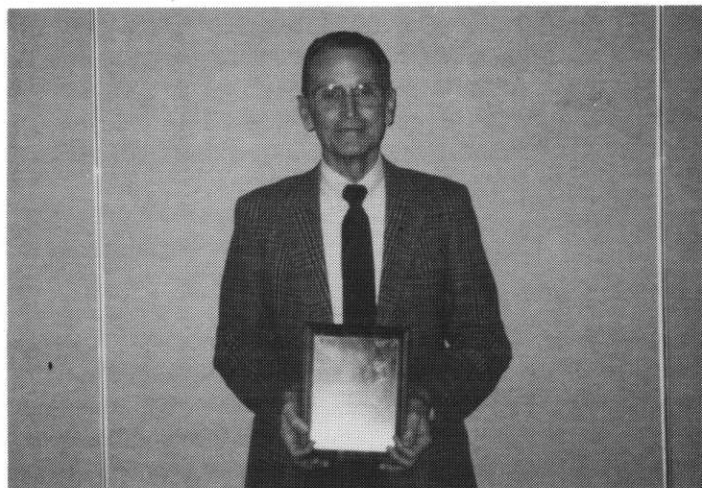
New directors elected were:

Jeff Backstrom, Cannon Golf Club;

Leif Erickson, O.M. Scotts Company;

Robert Panuska, Waseca Lakeside Club;

Tom Parent, River Oaks Municipal Golf Course;



ED ZYLKA was presented the 1995 Distinguished Service Award from the MGCSA.

Dave Sime, Benson Golf Club;

Directors completing their terms were Tom Kientzle, The Pines at Grand View Lodge; Bill Cox, Tianna Country Club, and Monty Montague, National Mower. All were complimented for their service.

Remaining on the board are Butch Greeninger, MTI Distributing Co., Dick Grundstrom, Indian Hills Golf Club; Charlie Pooch, Les Bolstad University of Minnesota Golf Course, and Pat Walton, Rolling Green Country Club.

Service plaques were awarded to:

Dan Stangl, Pierz Municipal Golf Club (25 years); George Jennrich, Centerbrook Golf Club (25 years); David Zimmer, Chisago Lakes Golf Estates (25 years); John Sniker, Cushman Motor Co. (25 years), and Don Herfort, Don Herfort, Inc. (30 years).

A Distinguished Service Award was presented to Ed Zylka, MTI Distributing Co.

The Watson Award went to Jack Kolb for his journalistic efforts for *Hole Notes*.

Three new Honorary members of the MGCSA also were elected. They were Dr. Michael Martin, University of Minnesota; Dr. Gary Gardner, University of Minnesota, and Dr. Phil Larson, University of Minnesota.

Scholarship honorees were James Holden, Chris Smith and James Temple.

The goal of this combined turf conference was to establish continuity among related fields, educate, share problems and support with increased members.

The cross-section of speakers had useful take-home information for all of the allied associations.



Happy Holidays

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Minneapolis Welcomes Allied Turf Associations

The second annual conference of the Minnesota Turf & Grounds Foundation was held at the Minneapolis Convention Center, Dec. 6-8. The increase in attendance over 1994 from most all the allied associations demonstrates the strides the MTGF has made in two years. It also demonstrates the dedication we all have as professional turf managers in furthering our education.

This year there were 753 that pre-registered, 145 on-site registrants, 375 vendors and 235 booths at the trade show. Those numbers indicate about a 25% increase over 1994. Of the 753 that pre-registered, 460 were members of the MGCSA.

There were a lot of new faces in the seminars and the trade show. The conference included general sessions each morning and a grand total of 51 topics to choose from during the concurrent sessions over the three days. The expanded trade show gave people the opportunity to see the latest



Tim Penny talks about Common Cents for the Common Good.

in equipment, new technology and accessories for the turf industry. By any standards this was an excellent trade show.

The morning general sessions included some fine speakers. How many know what the United States Global Biodiversity Assessment is? If you listened to Dr. Michael Coffman Thursday morning you certainly didn't leave feeling neutral about Biocentrism or Biological Diversity.

Former Congressman Tim Penny gave us ideas on what to look for in a candidate and then how to get your point across to your representatives. The list goes on, but it was difficult to get to all the concurrent sessions you wanted, which indicates a very good conference.

For those who couldn't make the conference, you missed a great educational experience. Make it a goal for 1996 to attend this growing annual event.

— Tom Johnson



Dr. Michael Coffman, author of "Saviors of the Earth."



Charlie Pooch, Joe Moris and Dick Grundstrom spend some time at the Association's booth.



Dr. Noel Jackson prepares for his talk on Fungicides.

MEMBERSHIP REPORT

NEW MEMBERS—DECEMBER 5, 1995

		Class
Richard R. Williams	Pine Meadows @ Brainerd	A
P.O. Box 625, Nisswa, MN 56468	W: 218-829-5733	
Greg Dobbs	Hayward Golf & Tennis Club.....	B
Rt. 10, Box 48, Hayward, WI 54843	W: 715-634-2450	
Scott Held	Parkview GC	BII
12250 Cty. Rd. 11, Apt. D, Burnsville 55337	H: 612-895-0851	
David W. Lundeen	Rum River Hills GC	BII
2728 State Ave., Ramsey, MN 55303	W: 612-753-5520	
Brian Nettz	Somerset CC	BII
14100 39th Ave. N, Plymouth, MN 55447	W: 612-457-1416	
Chad Heggstad	The Bridges GC	C
6220 Bryant Ave. N, Brooklyn Ctr., MN 55430	W: 612-780-7950	
David K. Stachel	North Oaks CC	C
7541 University Ave. NE, Fridley, MN 55432	W: 612-484-1635	
Wade Austin	The Wilds	C
15530 Breezy Pt. Rd., Prior Lake, MN 55372	W: 612-445-4455	
Doug Laier	Hayward Golf & Tennis Club.....	D
Rt. 7, Box 7786, Hayward, WI 54843	W: 715-634-2450	
Joseph H. Osborne	Cadd Specialists Corporation.....	F
106 Crestwood Dr., N. Mankato, MN 56003	W: 507-931-9578	
John Olson	Cushman Motor Co.	F
8600 Virginia Cir. N., St. Louis Pk., MN 55426	W: 612-333-3487	

RECLASSIFICATIONS—DECEMBER 5, 1995

George Norman, Jr.	New Richmond GC	BII to B
Mike Pierce	Coffee Mill G&CC	B to A

David Sime, Membership Chairman



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Mole Control

By Scott R. Craven

Moles are common in Wisconsin (and Minnesota), although they are rarely seen. They make their presence known by the raised tunnels and mounds of soil they make in lawns, gardens, fields and pastures.

There are two species of moles in the state: the common, eastern or prairie mole (*Scalopus aquaticus*), which is found mainly in the western and southern parts of the state, and the star-nosed mole (*Condylura cristata*), which is found primarily in the northern half. Both are small, stout mammals about 7-8 inches long. Moles are often confused with mice, but they are not rodents. They lack the long curved incisor teeth of rodents and are instead equipped with small sharp teeth suited to their diet of insects, grubs and worms. They have small and poorly developed eyes and ears.

In the hand, you can distinguish moles from other small mammals by their soft velvety fur and huge, flattened front feet equipped with large broad claws for digging. Moles and shrews are closely related, but are not alike in habits or appearance. The prairie mole is silvery gray, while the star-nosed mole is charcoal gray to black. The star-nosed mole is readily identified by the fleshy tentacle-like projections on the tip of its nose that give its name (see illustration). Both moles have short tails compared to mice; the prairie mole's is 1-1½ inches long and the star-nosed mole's is 2-3 inches.

Moles tunnel and live beneath the soil surface. The star-nosed mole prefers moist soils near water. It is an excellent swimmer and can often be found in the water. Because of its habitat preference, it rarely causes a problem. The prairie mole favors drier upland soils that are loose and free of rocks. It is the major problem species. The prairie mole digs tunnels at several levels. The surface tunnels seen in lawns and open areas are feeding tunnels. The



mole's nest and permanent residence are in tunnels 6-18 inches beneath the surface. It can move through loose soil with surprising speed.

Do not confuse moles with pocket gophers! Pocket gophers also live in western Wisconsin. The damage they cause is more severe and widespread than that of moles. Tunnels visible as

raised ridges are the work of moles. A mole "hill" results when a mole pushes soil up and out of a tunnel through a vertical shaft. This creates a circular mound with round "ripple marks" made by each new load of soil that is pushed out (see illustration). In contrast, a gopher mound results from soil that has been pushed in one direction from an inclined shaft. It tends to be heart- or fan-shaped and the hole is usually plugged with soil. Gopher tunnels are not visible at the surface.

Mole Problems

Moles are often blamed for the destruction of bulbs, seeds and garden plants. In fact, though, moles rarely consume plants or plant parts, although they will occasionally take a few seeds. They dig their tunnels in search of earthworms, grubs and other small creatures of the soil and leaf litter. Mice, ground squirrels and insects which also inhabit the mole's network of tunnels usually do the actual damage by eating or gnawing on plant parts.

Moles are not entirely guiltless. Their raised tunnels cause problems, particularly in well-manicured lawns in parks, golf courses and yards. The tunnels interfere with mowing and expose roots to air, killing the grass and leaving a yellow twisting strip in an otherwise green lawn. Plants are frequently killed when a mole tunnels directly

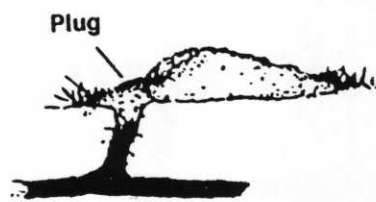
(Continued on Page 21)



Eastern or Prairie mole



Star-nosed mole



Gopher tunnel and mound



Mole tunnel and hill

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