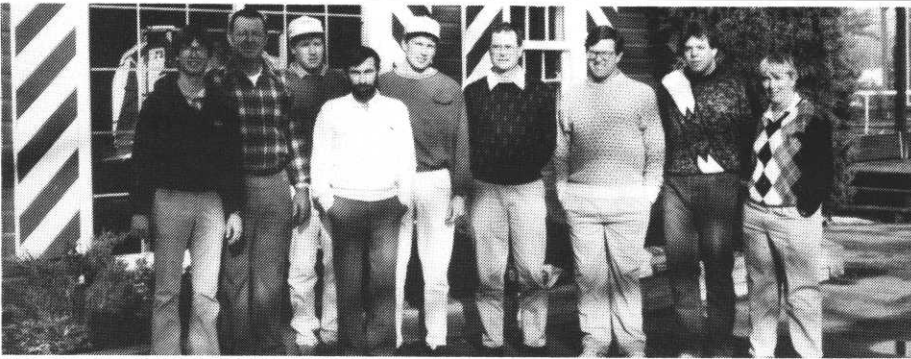


Balmy Weather Made It A Great 'R & R' Day at Woodhill



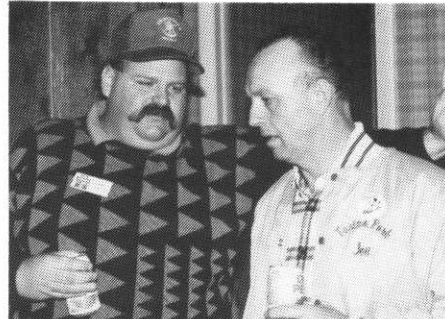
WOODHILL'S WELCOMING GROUP for the one-day MGSCA outing at the Wayzata club on January 8 included, from left, Dan Kvam, Don Kraft, Joe Waterloo, Rick Erling, Tom Dowling, Superintendent Rick Fredericksen, Keith Greeninger, Kurt Haugen and Beth Greeninger.



FILLING UP with warm goodies at the head of the line are Russ Adams, left, University of Minnesota, and Dale Caldwell, Minneapolis Golf Club.



REVIEWING REGISTRATION INFORMATION are Steve Schumacher, seated, Hastings Country Club, and Dennis Hendricks, Wedgewood Valley Golf Club.



CHATTING are Tom Dawson, left, Ransomes, Inc., and Joe Moris, Tartan Park.



DISCUSSING PRODUCT are Scott Liestman, left, North Star Turf, and Charlie Pooch, University of Minnesota.

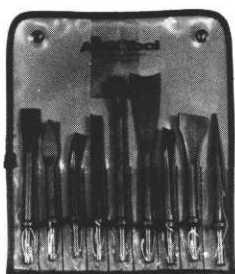
Milwaukee



Cordless Driver/Drills 3/8"
High Torque Cordless Driver/Drill 3/8"
Pistol-Grip Hole-Shooters 1/4", 3/8", 1/2"
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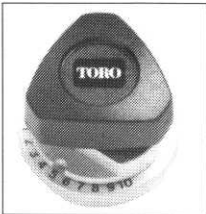


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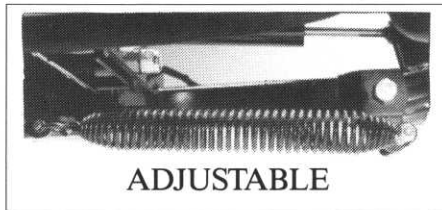
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To accommodate varied turf conditions, Toro offers you **Variable Reel Speed Control**. This unique feature allows you to match the reel speed to your desired height of cut *and* mowing speed for optimal cutting efficiency. It's as simple as:

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This will achieve the ideal relationship between reel and ground speeds and maximize your cutting efficiency.

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To keep the reels down for better ground contour following, better penetration and thatch control, Toro gives you a geometrically equal cutting unit suspension design. And, a spring loaded, **Positive Down Pressure System**, adjustable at 4 positions in 8 lb. increments, helps to maintain the reels in position over varying contours. This enables you to productively mow at a faster rate, beyond traditional mowing speeds, and maintain a consistent height of cut.

Superior Cutting Performance

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* * * *

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Clean, consistent cutting action

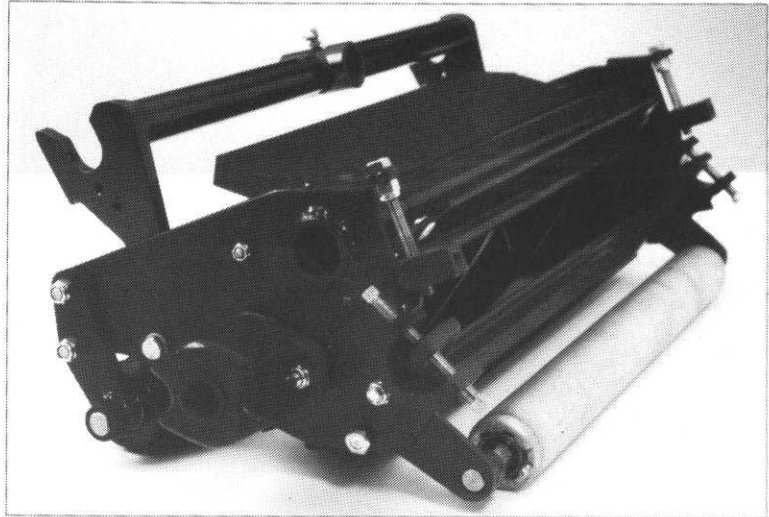
Patterned after Toro's proven Greensmaster® cutting units, these reels were redesigned to be more responsive to the specifics of fairway cutting to provide a superior quality of cut.

The bedknife, reel blades and front rollers are **heavy duty** to withstand the more rugged terrain.

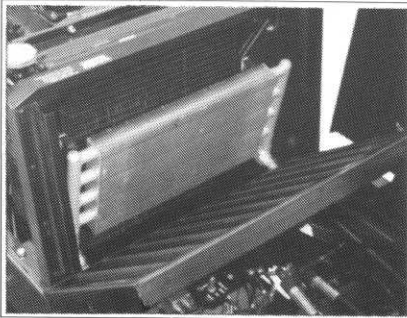
Choose either **5 or 8 Bladed Floating Cutting Units** to meet your desired height of cut range and mowing speed.

Toro recommends the 8 blade reel for heights of cut below 5/8" and the 5 blade reel for heights of cut above 5/8".

Adjustable grass dispersion shields afford you the **flexibility of rear dispersion.**

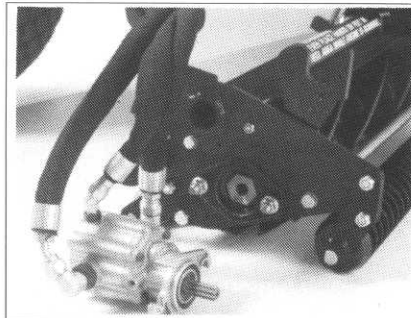


The Rear Roller Height of Cut Adjustment is engineered to maintain the proper bedknife position for optimum cutting efficiency at 1/4" to 3/4" heights of cut.



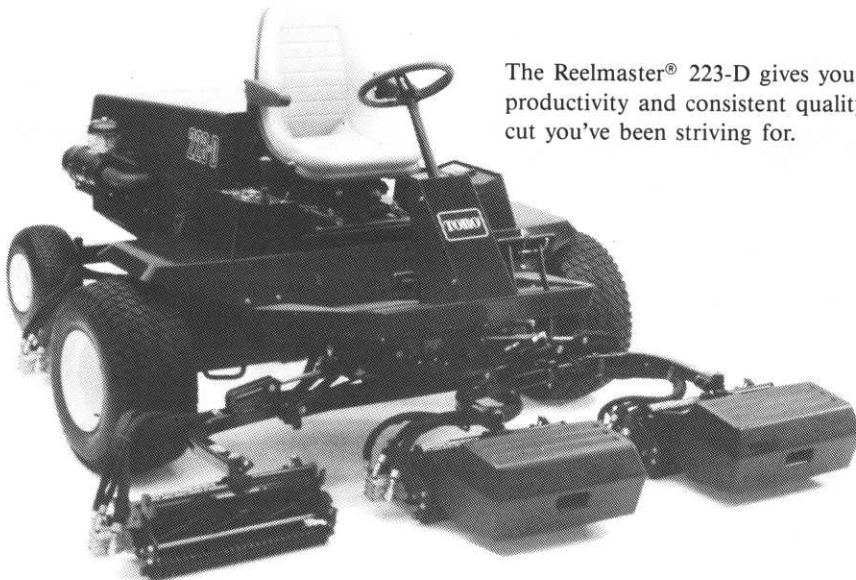
The midmount radiator with easy-to-remove debris screen and tilt-out hydraulic oil cooler is easy to service and proven reliable.

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All cutting units are interchangeable, too. Just loosen two fasteners, and the hydraulic motors are quick to release.

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INTERCHANGEABLE
CUTTING UNITS



The Reelmaster® 223-D gives you the productivity and consistent quality of cut you've been striving for.

Trailing cutting units are free to float in all directions to ensure ground following over undulations and to minimize scalping. In the event of impact, each cutting unit incorporates a breakaway device to help lessen damage.

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THE EXTENSION LINE

By Bob Mugaas
Minnesota Extension Service



Mary Hockenberry Meyer has been conducting extensive evaluations and research on many ornamental grasses at the University of Minnesota Landscape Arboretum. Following is a brief summary of ornamental grasses which have performed well in part or all of Minnesota.

Perennials:

- Calamagrostis acutiflora* 'Stricta' Feather Reed Grass
- Deschampsia caespitosa* Tufted Hair Grass
- Festuca cinerea* 'Sea Urchin' or 'Soiling' Blue Fescue
- Helictotrichon sempervirens* Blue Oat Grass
- Miscanthus sinensis* 'Purpurescens' Red Miscanthus
or Flame Grass
- Miscanthus sinensis* 'Silver Feather' Silver Feather
Miscanthus
- Molinea caerulea arundinacea* 'Windspell' Moor Grass
- Panicum virgatum* 'Rubrum' or 'Strictum' Switch Grass
- Sesleria autumnalis* or *S. caerulea* Sesleria
- Spodiopogon sibiricus* Spodiopogon

Additional for Southern Minnesota:

- Erianthus ravennae* Plume Grass
- Pennisetum alopecuroides* Fountain Grass

Two Excellent Choices for Annual Bedding Plants:

- Pennisetum setaceum* Crimson Fountain Grass
- Pennisetum villosum* Feather Top

Tips to Use Ornamental Grasses:

- Plant grasses in PUBLIC AREAS to show their mature appearance; in front of your business, etc. with other shrubs and/or bedding plants.
- Think of grasses just as you would other perennials (e.g. peonies, daylilies, iris, etc.) as far as use and care.

Toxic Chemical Task Force Meets in St. Paul

As part of a broadening interest nationally into the use of pesticides and fertilizers, the City of St. Paul organized a citizen's task force last November with the intent of developing ordinances to protect citizens from overuse and abuse of these substances.

Though the issue arose over possible surface water and groundwater contamination by these chemicals, the investigation soon broadened to include possible hazardous exposure to homeowners and applicators throughout the city.

The emphasis of the investigation centered on the use of "organic," natural approaches to plant management versus

(Continued on Page 18)

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BAKER PARK—

(Continued from Page 7)

Project Costs

The approximate costs for the proposed monitoring program are as follows:

Flow meter	\$1,200
Automatic sampler	3,000
Sample analysis (Laboratory)	4,025
*Sample collection (75 hrs)	1,500
Data analysis (25 hrs)	500
Report preparation (25 hrs)	500
	<hr/>
	\$10,725

*Sample collection includes installation and maintenance of sample equipment and transport of samples to a laboratory.

The sample collection, data analysis and report preparation costs will consist of in-kind services provided by Hennepin Parks. A report detailing the study results will be prepared and presented to the Minnesota Golf Course Superintendents Association at the conclusion of the sampling season. Hennepin Parks in cooperation with the Hurdzan Design Group will design a treatment system to remove contaminants defected in the runoff water. This phase of the project will occur during the winter of 1990-1991.

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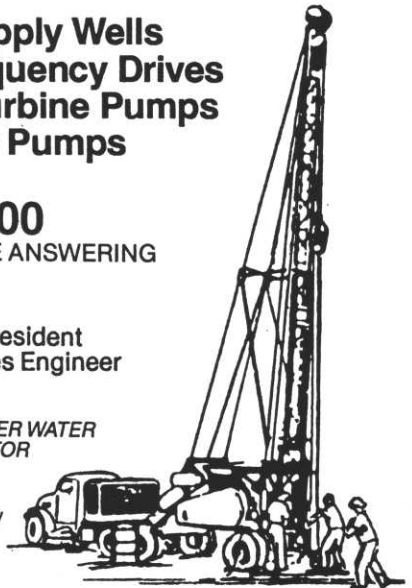
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Come to the Mini-Seminar March 21

The Lafayette Club Minnetonka Beach

SESSION CHAIRMAN: JOE MORIS

8:30 a.m.	---	Registration
9:00 a.m.	---	Welcome Kerry Glader, MGCSA President
9:05 a.m.	---	Ground Water Quality Dr. Martin Petrovic, Cornell University
11:00 a.m.	---	Rules Affecting Golf Course Superintendents Warren Rebholz, Minnesota Golf Association
12:00	---	Lunch
1:00 p.m.	---	Efficient Irrigation Management Dr. Martin Petrovic, Cornell University
2:00 p.m.	---	Irrigation Efficiency Leroy Young, MTI
2:45 p.m.	---	Break
3:00 p.m.	---	Flowers for the Golf Course Don Sellinger, Bailey Nurseries
3:55 p.m.	---	\$100 Cash Drawing Need to be present to win
4:00 p.m.	---	Social Hour

The Readers Write

Dr. Watson Says Thanks . . .

Thank you for the honor bestowed on me at the annual banquet. I am grateful and most appreciative to be selected to receive *The Distinguished Service Award*. Truly an honor I shall cherish always.

I was especially pleased that Milt Wiley and I were selected to receive the award at the same time. Milt is a dear and valued friend, and he has made substantial contributions to Minnesota GCSA.

Keith, I also should like to thank the Minnesota GCSA for establishing the "James Watson Award" for the best *Hole Notes* article. This type of on-going recognition honors one in many ways but most importantly the award will present

a continuing challenge to improve the communication skills of contributors to *Hole Notes*.

I sincerely thank you and your associates for this esteemed and valued recognition.

—Dr. James R. Watson

* * * *

. . . and So Does Milt Wiley

A short "thank you" to the Board of the Association for my recent Distinguished Service Award. It certainly is a great honor to be recognized by your fellow members.

Please extend my most sincere thanks to the membership for this great award.

—Milt Wiley

GREEN CLIPPINGS

President Kerry Glader appointed **Glen Rasmussen** from M.T.I. Distributing, and **Dan Miller** from North Star Turf, as Associate Member liaisons to the MGCSA Board of Directors. They will be invited to attend all Board meetings. It is anticipated, that at this year's Industrial Relations Committee meeting in December, an Associate Member will be elected to be a non-voting member of the MGCSA Board. . . In the spirit of cooperation, minutes of MGCSA Board meetings will be sent to the Club Managers Association. . . The January Board of Directors meeting was smoke-free, thanks to **Keith Scott** and **Jim Nicol** announcing that they have quit smoking. Congratulations, gentlemen. . . **Howard E. Holland** recently became a member of the GCSAA. Congratulations, Howard. . . **Ron Fabian**, Winona Country Club, is adding 700 square feet to his shop along with a new phone system. . . E.H. Renner & Sons, Inc. announces that **Roger Renner** has successfully completed the Master Well Contractor Examination of the National Water Well Association's Contractor Certification Program, and is entitled to use M.W.C. after his name. . . **Reminder:** The March Mini-Seminar will be held at The Lafayette Club March 21. **Kevin Clunis** has prepared an excellent slate of speakers. Plan to attend. . . For those of you who missed **Joe Moris** and his offer of help to chemically-dependent members at the state convention, his article appears in this issue. A second chance is hard to come by; take it up with him. . . **Another reminder:** The GCSAA Regional Seminar will be held at the Lafayette Club, March 19-20.

Professional Consideration Among Peers

By **JOHN K. MACKENZIE, JR.**
North Oaks Golf Club, St. Paul

Recently my assistant, Paul Eckholm, shared with me an "Assistant Superintendent's Position" job availability announcement. This information was sent from a fellow superintendent on club letterhead and addressed to Paul personally. It was apparent that the MGCSA was not a participant in this action. Although Paul and I were pleased that he was considered qualified for the position, we were concerned about the means of notification.

Of primary interest we asked, "Was this announcement ethical?" Although there is no direct clause in our code of ethics which reflects upon the recruitment of staff, we were uncomfortable that the notification was not made known to all parties involved. But then again, isn't this just another example of staff hiring, be it assistant or mechanic, that we have experienced in our profession recently?

Now let me state that I am not against a person bettering himself or herself through recruitment or otherwise, as long as all parties involved are notified. As a professional, I encourage my staff to actively pursue any opportunity which would improve their position. However, when my peers do not respect my personal attitude in this matter, then I feel affronted, as I'm sure many superintendents do.

It is also my opinion that when a golf club actively pursues a superintendent, whether through recruitment or open notification, it is the club's personal business. . . as long as all parties involved are notified. The superintendent should not be held responsible, as I have personally experienced in the past, for the hiring policies of the individual club. If a superintendent is approached concerning an available position and he or she accepts the position, then I say congratulations, for it is obvious the club has pursued and hired the person it feels can do the best job.

While it is the superintendent's obligation to question the availability of the position, it is, of course, the hiring club management's responsibility to maintain its ethics and notify counterparts of its intentions. This would release the superintendent from any connection with the active pursuit of a new job, and therefore prevent any misunderstanding.

Perhaps all I am suggesting is the improvement in professional communication at all levels. By letting our intentions be known to our involved equals, be it superintendents or other management classes, we can eliminate misunderstandings. It isn't so much a matter of compliance to the code of ethics, but rather an approach of professional consideration among peers.

Business Communication and Assertiveness Techniques will be presented by Dr. J. Stephen Hazel. Register with the GCSAA soon as class size is limited. **Grand View Lodge** is making final preparations to open this summer. **Tom Kientzle** was able to put a couple of mowings under his belt before freeze-up. Tom promises an article in the future on his experience as construction superintendent. . . **Lutsen**

Resort has completed much of the clear-cut for fairways, and several greens and tees are completed. Approximately one-third of the land sculpturing before freeze-up was completed. **Mike Davis** will oversee the installation of the irrigation system this spring. Target date for opening is Spring of '91. Mike will give us some

(Continued on Page 22)



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Chemical Task Force—

(Continued from Page 14)

unnatural, inorganic materials as applied to target areas in the past.

Golf courses did not escape their close scrutiny.

After being alerted to the potential problems golf courses could face in St. Paul by the Minnesota Plant Food & Chemical Association, the Minnesota Golf Course Superintendents' Association chose to take an active stance in developing this legislation.

MGCSA sponsored speakers and submitted written testimony in support of the position that golf courses contributed very little to environmental degradation, and that golf course superintendents, in particular, were carefully trained protectors of the environment.

Offering verbal testimony in MGCSA's behalf were Tom Fischer, Edinburgh USA; Jim Cink, Iowa State; Bob Mugaas, Hennepin County Extension Service, and Dr. Don White, University of Minnesota.

Written testimony from GCSAA and Penn State University supplemented the association's position. Lobbying was also done with other interested organizations and businesses in concert with MGCSA's stance.

Though the final report is not finished, it appears that golf courses in Minnesota have escaped most of the criticism forwarded towards pesticide and chemical use nationally.

Nonetheless, we must realize that our image as positive influences on the environment has become tarnished. We must respond positively to the concerns of environmentally conscious citizens and become leaders in the environmental effort.

MGCSA is assuming a greater leadership role in this area. It is your responsibility as golf course superintendents to make sure that pesticides and fertilizers are used safely and properly on your course.—*Greg Hubbard*

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For more about information, MGCSA President Kerry Glader invites you to call him at 612/253-5250.

Chemically Dependent?

* * * *

Read Joe Moris' Letter



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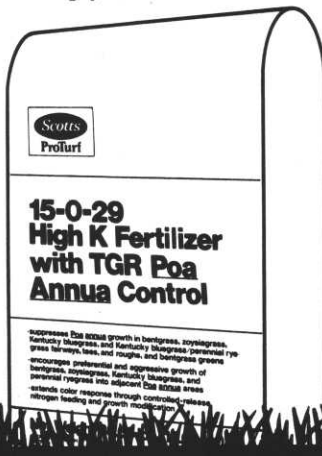
Gain the programming flexibility you're looking for with ProTurf® High K™ Fertilizer with TGR® Poa Annuua Control.* Not only does it weaken the competitive *Poa*, but it also allows you to choose to add a high potassium feeding to your fertilization schedule to help your turf.

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Minnesota Golf Course Superintendents' Association
AFFILIATED WITH THE GOLF COURSE SUPERINTENDENTS' ASSOCIATION OF AMERICA

January 30, 1990

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Greg Hubbard, CGCS
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5000 Norm Macgregor Road
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Joe Moris
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612/733-3472

Steve Schumacher
Hastings Country Club
2015 Westview Drive
Hastings, MN 55033
612/437-7112

BUSINESS OFFICE

EXECUTIVE DIRECTOR
Werner J. Reckholz
Minnesota Golf Association
6550 York Avenue South
Suite 402
Edina, MN 55435
612/927-4643

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Ralph Turtinen
Turtinen Communications
240 Minnetonka Avenue South
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Chemically dependent, drunk, drug addict, problem drinker or alcoholic -- don't give up. The MGCSA is behind you 100%.

At the 1989 Annual Conference, I informed the association that I, a recovering person myself, would like to help anyone that has, or may possibly be developing a drug or alcohol problem. My intention was that anyone, even someone with thoughts that they may have a problem, could call me and I would visit them as quickly as I could. I realize our membership covers a large area, but my intention was to do the best job I could to contact those who wanted to talk.

Following the conference, other MGCSA members, also recovering, informed me that they, too, would like to help. We now have a network that is fairly well spaced throughout the state with the exception of the Arrow Head area.

The names of those willing to help me will not be printed here. If you call me I can give you a contact person in your area.

If your preference is to remain anonymous with just me, and you just want to talk, that's fine. I have a state directory of agencies that do chemical evaluations; there will be no charge to you or to the Association.

I repeat -- the MGCSA is 100% behind this program. No names will be printed or given out, but I will periodically update the association on "numbers."

I respect your trust in me -- and I will respect your confidentiality.

Joe Moris

Joe Moris
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