Continued from page 87

system that sucks carbon
dioxide and water from un-
derneath the greens, which
required his greens both to
drain well and to avoid
compaction to maximize
the system’s efficiency.

So Yancey investigated
Profile, which is engineered
from a blend of minerals,
primarily silica and illite
clay. The mineral is kiln-
fired to protect its stability,
and when added to soil it
combines the porosity of sand— leading to good
drainage — with the reten-
tion qualities of clay.

Profile won’t decompose
to produce the excess or-
organic matter that can lead
to thatch, says Mark Fields,
gulf region project manager
of Profile Products LLC.
The product also encour-
gages faster grow-in and cre-
ates deep and massive roots.

Fields says Capitol Hill
also had the added chal-
lenge of producing sand
greens that contained two
different varieties of grass
— bermudagrass and bent-
grass. Eighteen holes are
bentgrass and 36 holes are
bermudagrass. The course
had to find a product that
would accommodate both
species and meet USGA
specifications.

The solution

Working with Profile,
Yancey and Sun Belt Con-
struction Co. determined an
85 percent sand to 15 per-
cent Profile mix would work
best to create the green com-
plexes they desired.

“It’s important to make
sure the sand and Profile ra-
tios are exact because you
can inadvertently cause the
problems you’re trying to
solve if the ratio is off,”
Yancey says. “It’s a little
more expensive than peat
supplements, but it doesn’t
have a lot of the organic
problems that peat can cre-
ate, especially with thatch.”

Fields says his company
will work closely with a
course to determine the
right ratios of Profile for the
sand it’s using. Profile will
sometimes recommend a
different sand to a course if
it would create better
greens, he says.

“In some cases, the
course doesn’t know what’s
available locally, so it im-
ports sand from halfway
across the country,” Fields
says. “That can drive up
construction costs, so
sometimes we can save
them money with our local
contacts.

“We can make any sand
better, but it takes some re-
search to find out which
ratio will work best for your
formulation,” he says.

Last year, with just two
of the 18-hole configura-
tions open, Capitol Hill did
30,000 rounds of golf,
Yancey says. The greens
have done everything he
hoped they would in resis-
ting the strain of so much
play.

“The greens held up well
under all the rounds that
have been played here, and
we believe that the planning
that went into their subsoil
has a lot to do with that,”
Yancey says. “The long-
term outlook is great.”

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Leaders

Phil Arnold left his post as executive vice president of the Golf Course Builders Association of America to pursue his golf course photography business full-time.

Mark Michaud, who recently resigned as the head agronomist at Pebble Beach Co.'s four courses, has been hired as superintendent of Shinnecock Hills GC in Southampton, N.Y.

Cambridge GC in Evansville, Ind., named Craig Healey as superintendent. Healey, currently the president of the Tri-State Golf Course Superintendents Association, was previously the superintendent at Oak Meadow CC, also in Evansville.

PowersGolf.com appointed three members of its executive team. Bo Lysy is the company's chief information officer; Mark McCourt is vice president of sales and marketing; and John Kurlander is director of golf course relations.

Mike Blanchard, superintendent at Tampa (Fla.) Palms G&CC was the recipient of GSCAA's 2000 Leo Feser Award.

Marysville, Ohio-based The Scotts Co. hired Eric K. Nelson as senior scientist to lead its turfgrass breeding efforts at its Oregon field station. Nelson most recently served as a senior technical advisor for Jacklin Golf.

Jaime Ortiz-Patino, owner and president of the Valderrama GC in San Roque, Spain, received the 2000 Donald Ross Award from the American Society of Golf Course Architects.

The Midwest Regional Turf Foundation awarded Nick Strehe its $5,000 Mentor Scholarship. Strehe is a senior enrolled in the Purdue University Turfgrass Science program in its department of agronomy.

Scott Myers joined ProShot Golf as vice president of product market-
Complete this form, cut it out, fax it back to 218-723-9417

1. My primary business at this location is: (fill in ONE only)
   GOLF COURSES
   10 Daily Fee/Public
   20 Semi-Private
   30 Private
   40 Resort
   50 City/State/Municipal
   55 Other Golf Courses (please specify)
   60 Golf Course Architect
   70 Golf Course Developer
   90 Golf Course Builder
   105 University/College
   100 Others Allied to the Field (please specify)

2. Which of the following best describes your title? (fill in ONE only)
   10 Golf Course Superintendent
   45 Club President
   15 Assistant Superintendent
   75 Builders/Developers
   25 Owner/CEO
   60 Research Professional
   30 Director of Golf
   65 Other Titled Personnel
   70 Green Chairmen (please specify)

3. What are the types of turf on your:
   A. GREENS
   B. TEES
   C. FAIRWAYS
   1 Bent
   2 Bermuda
   3 Rye
   4 Fescue
   5 Other (please specify)
   1 Bent
   2 Bermuda
   3 Rye
   4 Fescue
   5 Other (please specify)
   1 Bent
   2 Bermuda
   3 Rye
   4 Fescue
   5 Zoysia
   6 Other (please specify)

4. What is your facility's annual maintenance budget?
   A More than $2 Million
   B $1,000,001-$2 Million
   C $750,001-$1 Million
   D $500,001-$750,000
   E $300,001-$500,000
   F $150,001-$300,000
   G Less than $150,000

5. If you work for a golf course, how many holes are on your course?
   A 9
   B 18
   C 27
   D 36+
   E Other (please specify)

6. Are you the person responsible for golf car purchasing/leasing?
   O Yes
   O No

7. Are you directly involved in purchasing decisions for your facility?
   O Yes
   O No

7A. If yes, which of these products do you specify, buy or approve?
   A Aerators (pond)
   B Architectural Services
   C Batteries
   D Biostimulants
   E Construction Services
   F Chain Saws
   G Course Accessories
   H Cultivation Equipment
   I Drainage Supplies
   J Erosion Control
   K Fertilizers
   L Fungicides
   M Generators
   N Golf Carts
   O Grinders/Sharpeners
   P Insecticides
   Q Irrigation Systems
   R Irrigation Parts
   S Landscaping
   T Lubricants
   U Mowers
   V Nematocides
   W Pond Management
   X Pumps/Station
   Y Pumps/Station
   Z Range Supplies
   A Safety Products
   B Sand
   C Seed
   D Snow Equipment

8. Do you have Internet Access?
   O Yes
   O No

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

10. Is your course managed or owned by a management company?
    O Yes
    O No

11. Are you employed by a golf course management company?
    O Yes
    O No

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**PRODUCTS & SERVICES**

**A Design software**

3D Nature introduces the new World Construction Set Version 5, a new innovation for golf course design and management. WCS 5 is an easy and powerful tool for accurately designing and visualizing proposed and existing golf courses, according to the company. It has been completely redesigned for simplicity and speed. New task modes focus the entire interface on specific tasks for faster operation.

Users can create photorealistic images and animations of courses, and present their ideas to management and the public in the form of easily understandable pictures and fly-through animations.

Create terrain within WCS using improved design tools. Add fairways, greens, ponds, streams, sand traps and tees by simply drawing a shape on the terrain and using the new visual component gallery to choose what you need.

*For more information, contact 303-659-4028, www.3dnature.com or CIRCLE NO. 201*

**Foliar nutrition**

Emerald Isles offers Nutri-Rational Foliers for turf. The organic-based foliar nutrition is designed to maximize plant feeding efficiency using proprietary chelation methods and advanced formulation technology available, according to the company.

Each product provides desirable forms of turf nutrients in an ideal ratio. Each product also features the Emerald Isle "Multiple Release Formats" technology, making them strong performers for absorption, translocation and utilization by the plant.

Efficiency is the key when comparing high-performance foliars, particularly under high stress conditions. Root uptake of fertilizer takes energy, and a well-engineered foliar can bypass the root system, penetrate directly into the leaf and conserve significant amounts of energy which the plant can better use to raise its stress tolerance threshold, Emerald Isles says.

*For more information, contact Emerald Isles at 800-628-4769, www.millikenturf.com or CIRCLE NO. 202*

**Practice mat**

The Fairway Feel Practice Mat from Reliable Golf Course Supply is made of natural fiber, making it like turfgrass.

Low maintenance and easy installation are two more reasons why superintendents are interested in the product, according to the company. Golf courses can install the mats right on top of existing concrete pads if they already have them. But the mats don’t have to have concrete pads and can be laid in the ground just like sod.

*For more information, contact 800-274-6815 or CIRCLE NO. 203*

**Liquid fertilizer**

Growth Products offers 18-3-6 with 50 percent slow-release nitrogen plus micronutrients. A clear liquid fertilizer that can be easily mixed and spray applied with other technical materials. It contains the company’s proprietary slow-release liquid nitrogen and feeds turf consistently with surge growth and/or excess clippings, according to the company. 18-3-6 also contains a complete micronutrient profile that supplies just enough minerals to keep the turf healthy.

By spray feeding 18-3-6 on turf, lower rates can be applied with greater precision, providing more control over both the fertility program and nutrient distribution.

*For more information, contact 800-648-7626, www.growthproducts.com or CIRCLE NO. 205*

**Water remover**

Bowcom Limited introduces Bowdry, a grounds care machine that quickly removes excess water from any surface.

Bowdry is a lightweight, 28-inch foam roller with a large holding tank and will not mark turf, according to the company. The roller and tank combined will hold more than 16 gallons of liquid which is easily emptied by a side valve or by tipping the machine.

The Mini Bowdry is designed to lift dew from grass.

*For more information, contact 212-745-0446, www.bowcom.com or CIRCLE NO. 206*

**Zoysia Seed**

Patten Seed Co. offers Zenith Zoysia Seed, which produces turf cover in 12 to 14 weeks. The seed is more winter hardy and stays green later into the fall, according to the company. It has low fertility and water requirements.

*For more information, contact 800-634-1672, www.pattenseed.com or CIRCLE NO. 204*
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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. 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.
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On March 26, the Motion Picture Academy of Arts and Sciences will host its 72nd annual Academy Awards. But before the catty pre-show, bad jokes, awful hair, outrageous dresses and acceptance speeches more long-winded than The Green Mile, we here at "Out of Bounds" World Headquarters would like to propose our own anti-Oscars — The Best Sports Movies of All Time.

Keep this list handy, 'cause we guarantee any of these will beat the hell out of The Talented Mr. Ripley.

So without further adieu and knowing we're going to anger some of you, here are the best sports movies of all time:

10. Hoosiers — Yes, Jimmy Chitwood, the basket is still 10 feet tall, and this classic featuring Hackman and Hopper can't help but make you root for the little guy.

9. The Longest Yard — Burt Reynolds didn't yet have a toupee when he led a rag-tag bunch of convicts in the big game against the guards. Violence-tinged hysterics ensue. And the old throw-the-ball-right-in-the-private's scene late in the movie should make you double-over in laughter and familiarity every time.

8. Pride of the Yankees — If you don't get a chill when Gary Cooper says he's the luckiest man alive, perhaps you need to seek help.

7. When We Were Kings — One of the two documentaries that made the final cut. This look at Ali's and Foreman's Rumble in the Jungle, certainly one of the top 10 fights ever, is fascinating even to folks who don't like boxing.


5. Slap Shot — The Hanson Brothers hijinks alone make this hip-checking Paul Newman comedy worthy of such a high place on the list.

4. Rocky — Yo! Adrienne! This sleeper hit of 1976 put Stallone on the map and marks one of the times that the Academy actually got something right. Sure, Rocky III through V were drivel, but the original is a knockout.

3. Caddyshack — Shameless pandering to superintendents, right? Hey, I'm no dummy. But it's hard to beat the Cinderella story of Bill Murray's Carl Spackler, the greenskeeper who blasts his varmints and grows his own grass. Toss in Rodney D. and his epic golf bag, Chevy Chase when he was still talented and Ted Knight's sailor outfit and you have the funniest sports movie ever.

2. Raging Bull — We all know DeNiro went on an eating tear to gain 60 pounds to play Jake LaMotta. We all know that Scorsese got completely dissed in the Best Picture category at the Academy Awards (it went to Ordinary People). And we all should know that the gritty realism, beautifully brutal fight sequences and stark black-and-white cinematography make this film a masterpiece.

1. Hoop Dreams — This powerful documentary about Arthur Agee and William Gates, two high-school hoops phenomenons in inner-city Chicago, was robbed at the Academy Awards in 1994. It depicts how difficult it is to succeed both on and off the court.

All of the following were in contention for the top honors, and although they didn't make it, they are all, in their own ways, great sports movies:

- The Bad News Bears
- Bang the Drum Slowly
- Chariots of Fire
- Eight Men Out
- Field of Dreams
- The Hustler (yes, we consider billiards a sport)
- A League of Their Own
- The Loneliness of a Long Distance Runner
- Major League
- North Dallas Forty
- Requiem for a Heavyweight
- Running Brave

The Hall of Shame: These films should be avoided at all costs: Gus (the field-goal kicking mule), The Babe Ruth Story, The Babe, Cobb, The Fish That Saved Pittsburgh, Hot Dog: The Movie, Ice Castle and One on One.

Until next time, enjoy the movies. And keep the hate mail short.

Mark Luce, a Lawrence, Kan.-based freelance writer who's building a baseball field in his backyard, can be reached at mluce@earthlink.net.
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