Club. In all, he has collected literally hundreds of samples from all over the U.S.—a "wealth of material that we can include in our breeding program."

Dr. Meyer of Turf Seed Inc. pointed to continuing work by Dr. Joe Duich at Penn State as promising exciting new bentgrasses.

"The new varieties are dwarfer and denser than the old varieties like Penncross and Pennlinks," said Meyer. "Dr. Duich says the new bents will have to be mowed closely. It completely turns around a lot of the thinking on grass management. We're recommending that you cut these new varieties at a short cutting height."

GOLF & ATHLEFIC TURF

The new varieties also show significantly improved disease resistance, particularly brown patch, over today's bentgrasses, claimed Meyer. He described it as "one of the biggest improvements" he's seen in cool-season grass development.

Meyer and Hurley both predict a growing interest in bentgrass fairways, but Meyer said he won't recommend any of the new varieties for fairways until he's tested them. "They're so dense and dwarf that I'm not sure they can be used on a fairway.," he explained.

How soon will some of these varieties hit the market? No later than two or three years, said Hurley.

"In the 1990s, what you're going to see is regrassing old greens with improved bentgrass varieties," Hurley predicted, "especially with some of the PGRs and herbicides now being used to control *Poa annua*.

"We really have a new era in bentgrasses," he continued. "We have the tools and a wealth of materials to look at."

-Ron Hall



Nicol: 'Our goal every year is to make one improvement.'

Pondering the future, this 16-year veteran superintendent sees electric mowing, improved turf cultivars and money cartels meeting head-on.

Jim Nicol sees the future, and he's not too sure he likes what he sees.

"There are a lot of people—money cartels—getting into the business who don't know the business," he says. "It's my concern that there will be too many choices for a golfer—and they'll all be expensive choices. There has to be a balance of every type of course so that everyone has the opportunity to play.

"Golf is cyclical. I'm worried about the cost of golf for the average golfer. Will it get up to \$50 per round?

"Even now, the public's demanding that you hand-mow greens. But how long will they be willing to pay for it? We have to make sure, as an industry, that we don't out-price ourselves."

Nicol, who's been superintendent at prestigious Bunker Hills Golf Course in

Renaissance man

Minn., for 16 years, is not your typical superintendent. He thinks superintendenting will become a

"Renaissance" occupation in the next 15 years, and he wants to help lead the way. "Electric mowing,"

he predicts, "drought-resistant and diseaseresistant turf cultivars will make it a Renaissance in golf course maintenance."

Nicol's dry wit and ready smile belie a subtle undercurrent of seriousness about the golf maintenance industry. And a good bit of not so subtly hidden confidence.

"I've got a pretty good life here..." Nicol admits. "...a fair amount of notoriety and opportunities. Security, too—(because he's a government employee) I've got to commit a felony to get fired.

"If you're worried about losing a job, you may as well get out anyway. I've enjoyed working here. I've had some guys here 10 years. They're not making any money, but they love to work here."

Nicol, an active member of the Minnesota Golf Course Superintendents Association and the Golf Course Superintendents Association of America, proudly says that Bunker Hills, a public course situated in the front corner of a popular state park, is always among *Golf Digest* magazine's Top 50 courses.

"Our draw is that we've got a nice course, a great design, at a good price," he says. "People use every club in their bag when the play Bunker Hills.

"We grow grass-vigorously-here.

Fairways are mowed with lightweight mowers, at lower heights. Greens and fairways are mowed every day, tees every two days. We don't use any short cuts. We put down three pounds per 1,000 sq. ft. of slowrelease fertilizer per year."

Nicol is not typical in another way: his duties. "I'm a working superintendent. I'm not an administrator.

"My boss is the director of golf and he does the budgets. I do about 1/10th of the budget work of my colleagues at other courses. Other people do my billing, purchasing, hiring and payroll, too."

All Nicol and his crews do are create a beautiful course for much less money than most country clubs spend.

"Our goal every year is to make one improvement: updating irrigation, lightweight mowing, whatever," he says. "Our core golfers like playing here so much, they think it's their course. If my crews aren't doing what they're supposed to do, I hear about it from the players. And they're right—if we're doing something wrong, we should change."

He started mowing greens in St. Cloud, Minn. at the age of 14. "My summers were at the golf course for as long as I can remember," he says.

Bunker Hills, a David Gill design, has a three-year contract (1993-1995) to play host to the Burnet Senior Classic. It's been site of the Minnesota Open for the last 14 years. Golfers typically log 100,000 rounds from April 1 to Nov. 1. "You can't get any more on it," Nicol observes.

"It's a prestigious course," Nicol says. "When I meet people, I have no qualms telling them where I work and what I do."

It's hard to believe Jim Nicol would ever have any qualms telling anybody anything. —Jerry Roche