GOVERNOR APPOINTS CLARK
GREEN VALLEY, Ariz. — Mark K. Clark, head superintendent of Green Valley Country Club here, has been appointed by Arizona Gov. Fife Symington to the Structural Pest Control Commission. Clark is the first person from the "green industry" to hold such a position. His appointment is for three years, and will require monthly meetings which involve travel and a great deal of case study for each meeting. It is a voluntary position.

PHILLY GCS ELECT GUSTAITIS
PHILADELPHIA — The Philadelphia Association of Golf Course Superintendents has elected Anthony Gustaitis president. While Donald R. Brown, CGCS, is treasurer; Henry C. Wetzel, Jr. secretary; and Steve Carpenter sergeant at arms.

PAIUTE RESORT HIRES LOPEZ
LAS VEGAS — William "Willie" Lopez is the new superintendent here at the Las Vegas Paiute Golf Resort, according to Von Hake said Lopez has filled the vacancy left by Jim Sprankle, who has assumed a similar post in Indonesia.

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PENN STATE RESEARCH GETS $130K
STATE COLLEGE, Pa. — The Pennsylvania Turfgrass Council has allocated $130,000 to the Pennsylvania State University (WSU) a $24,000 funding grant to study the run-off water used to irrigate the floating green here at the Coeur D'Alene Resort.

PROVING GROUND
Hercules Country Club in Wilmington, Del, has been a testing area for fall-applied pre-emergence herbicides for the past three years. The company has been testing the effectiveness of these products on the plants as well as the pests.

USGA funds research on floating green
COEUR D'ALENE, Idaho — The U.S. Golf Association (USGA) Green Section will award Washington State University (WSU) a $24,000 funding grant to study the floating green here at the Coeur D'Alene Resort.

Q&A
Karl Danneberger is an associate professor of Turfgrass Science at Ohio State University. He coordinates and teaches undergraduate turfgrass science, and conducts research in turf management and physiology. His studies have included plant growth regulator use, green speed studies, alternative spike use, control of moss, and high temperature stress work. At present, he is concentrating on the three research areas discussed in the following article.

Danneberger details research into bent and rye
Karl Danneberger is an associate professor of Turfgrass Science at Ohio State University. He coordinates and teaches undergraduate turfgrass science, and conducts research in turf management and physiology. His studies have included plant growth regulator use, green speed studies, alternative spike use, control of moss, and high temperature stress work. At present, he is concentrating on the three research areas discussed in the following article.

Technology advances fans
By TERRY BUCHEN
DALLAS — Growing bentgrass greens, in the transition zone or warm-season climates, is difficult at best, but has been made easier with the advent of fans installed at a superintendent's discretion. Since we have installed our fans, we have seen the quality go from fair/mediocre to excellent summer greens," said Mark Price, greens and

COOLING THE CANOPY
An easy breeze is quite enough
MONTREAL — Knowing air, soil and canopy temperatures — and taking measures to control them — are crucial to keeping turfgrass alive, according to Dr. Joseph DiPaola.

Continued on page 26

Continued on page 28

Continued on page 30

Continued on page 16

Continued on page 16

Continued on page 27

Continued on page 27

Continued on page 26
BIGGA steps up environmental programs

By TREVOR LEDGER

HARROGATE, England — The continued effort to improve the environmental image of golf course construction and maintenance received a boost here at January’s BTME ’97, the annual trade show and conference sponsored by the British and International Golf Greenkeepers Association (BIGGA).

"The BIGGA Golf Environment Competition in association with Amazone and Rhone Poulenc Amenity" is open to every course in the United Kingdom that honors environmental achievement. This is the third year the competition has been held but the first time that Rhone Poulenc Amenity has put its name to it. Further environmental efforts include BIGGA’s release of a new video, "Golf Course Ecology," which complements the book, "A Practical Guide to the Ecological Management of the Golf Course." As the industry grows, environmental opposition to golf development is sure to become more strident. Strengthening the environmental competition and release of the video highlight golf’s need to be seen as "green."

"Yes, we do need to let people know what we are doing," said BIGGA Press Officer Scott MacCallum. "Both the video and the book are designed to be accessible to everyone, not just greenkeepers and managers but the whole golf club."

General public consumption is not the immediate aim, yet BIGGA is aware that with wider its influence, the better for the game.

Matt Phillips of Friends of the Earth was prepared to give it a cautious welcome, but also to find it a positive way to consider activities of golf courses.

Phillips conceded there is a positive side to golf in that Sites of Special Scientific Interest (SSSI) are able to flourish on some of them, largely in uncut rough. This concession, however, was a minor one.

"Internationally, golf course construction is having a devastating impact on the environment," said Phillips. "Micronesian rain forests that have evolved over millennia are being carved out to make way for golf courses."

"Whilst we are pleased that the boom in golf course planning applications seems to have slowed down," he said, "the damage to the environment on established courses continues on a large scale."

Floating green is being studied

Continued from page 13

The association (WSGA) began earmarking 50 cents from each individual member’s annual dues for regional turfgrass research, to be administered by the Northwest Turfgrass Association (NTA).

This resulted in a total contribution of approximately $44,000 in 1996. According to the Western Director of the USGA Green Section, Larry Gilhuly, WSU was chosen from 15 applicants to receive this grant, in large part due to the WSGA’s contribution.

"It is the USGA’s policy to fund research projects which have significant support from state and regional golf associations before all others," Gilhuly said. "The WSGA’s contribution was a primary factor the USGA considered in awarding this grant to WSU. Without it, the grant may not have been made. This is an exciting example of how the WSGA’s contribution is being put to good use and will result in long-term benefits for all Northwest golfers and our golf courses."

Along with WSU, Coeur D’Alene Resort superintendent John Anderson will be involved in overseeing the research. Anderson, formerly of the Oregon Golf Club in West Linn, Ore., has received national recognition for his efforts in using and promoting environmentally friendly maintenance practices.

The USGA has indicated it will possibly extend funding into 1998 and 1999.

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It’s basic. Healthier turf handles stress and fights off disease better. And it all starts in the root zone. AXIS is a superior all-natural inorganic soil amendment that makes a permanent structural improvement in virtually any soil profile to make it easier for you to grow healthier turf.

Proven effective in USGA greens.

Ohio State University testing showed AXIS increases both readily available water and water retention in USGA root zone mixture, while increasing permeability in most cases.

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On tees and greens, fill aeration holes with a 50% sand, 50% AXIS mix for an ongoing, low-cost soil modification program.

2. New Construction.
Mix 10% AXIS in the top 6" of sand-based root zone mixes to help create a soil structure that combines fast drainage and reduced compaction with increased water retention.

3. The Quick Green Rebuild.
Strip sod from a distressed green. Till 10% AXIS, along with lime, slow-release NPK into the top 6" of the sand-based root zone. Apply washed sod directly on the modified base. Irrigate regularly. After 6 weeks, verticut the new sod, and roll. The result will be a playable green in about 6 weeks, at much lower cost than conventional renovation. Call for additional details on this technique.

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% of Readily Available Water In USGA Fine Sand Mix

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