

THE GREEN SHEET

CENTRAL PENNSYLVANIA GOLF COURSE SUPERINTENDENTS ASSOCIATION

— Founded April 11, 1939

HARRISBURG

Course:

FOX CHASE GOLF CLUB

Host:

Steve Graybill

Date:

November 4, 1992

Lunch: On your own

Cocktails 5:00 p.m.

Dress: Casual (no jeans)

Dinner: 6:00 p.m.

Sit-Down Dress: Informal

Cost: \$25.00

(1st 50 Voting Members - Free Dinner)

Tee Off: ---

12:00 Shotgun

**Cost of Carts: \$15.00 per person — Mandatory
Shower Facilities Available**

Guests permitted — Greens fees required

Reservations:

Mail In Reservation Only to Patti Wall

(Pay at the door)

by October 28, 1992

CARLISLE

READING

**GETTYSBURG
CHAMBERSBURG**

**LEBANON
LANCASTER**

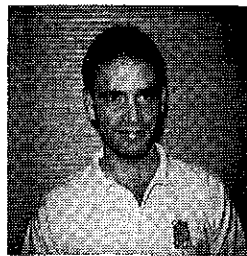
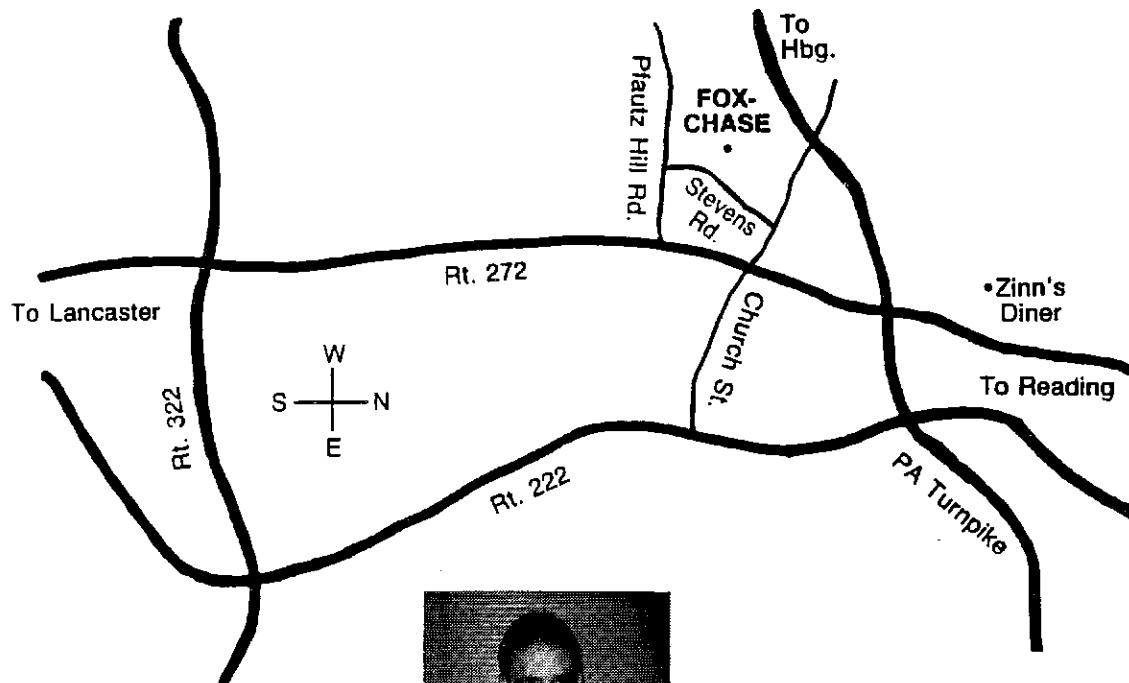
YORK

COURSE PROFILE

Fox Chase Golf Club started construction in March of 1990 and opened in May of 1991. Fox Chase was farm ground, average depth of topsoil is 18 inches. The course is a combination of a links style and conventional style course. Greens are Pennlinks Bentgrass, tees and fairways are SR-4100 rye. Mission at Fox Chase is Country Club golf for the public.

HOST SUPERINTENDENT PROFILE

Richard Green, GCS was born in Wales and has been married for 3 years to Tina. He worked 6 years at Hawk Valley, 1 year at Silver Spring, 15 months at Overlook. Started at Fox Chase in October 1991. He will finish school at Rutgers in January, 1993.



This President's Last Message

See Ya! But before I say good-bye, I need to say thank you to the many people responsible for making my experience with the CPGCSA a memorable one. The past several years have seen the CPGCSA grow to over 200 members. Its been a privilege to be a part of this and to work with the professionals that make this association what it is. Thank you to our board for their hard work and dedication. It isn't always easy to have the time to make for association business, but without your efforts there would be no CPGCSA. Thank you, Patti Wall, without you there *really* would be no CPGCSA. Thanks again to the Clubs and their superintendents for their contributions this season, and for providing excellent playing conditions which demonstrates and maintains the integrity which is getting us recognized as professionals.

As a responsibility to your profession, I would like to challenge everyone to somehow get involved with the association. Complacency and ignorance runs rampant throughout society, so make a difference and be a part of the decision process. Get involved in your profession!

Once again, thank you for the opportunity to serve as your President these past 12 months. It has been an honor and a privilege to have served. I wish each one of you future success and happiness, and remember, don't be afraid to go out on a limb — that's where the fruit is.

EDUCATIONAL NOTES

President
John Chassard
Lehigh Country Club
(215) 967-4643

President
Dave Rafferty
Chambersburg Country Club
(717) 263-9747

Secretary/Treasurer
Tony Goodley, CGCS
Heritage Hills Golf Resort
(717) 755-1919

President Emeritus
Jeff Fry
Lebanon Country Club
(717) 273-1944

Board of Directors
Sam Snyder, CGCS 1992
Colonial Country Club
(717) 545-6760

Mark Eichner 1992
Lancaster Country Club
(717) 392-8638

Jeff Edwards 1993
North Hills Country Club
(215) 887-2029

John Dougherty 1993
Overlook Golf Club
(717) 569-6221

Mel Leaver 1994
Brookside Country Club
(215) 966-2354

Ken Pepple 1994
Wyncote Country Club
(215) 932-4610

Education Committee
Sam Snyder, CGCS

Membership Committee
Mel Leaver

Golf Commission
John Dougherty

Public Relations/Social Committee
Mark Eichner

Bylaws/Planning
Jeff Edwards

Chapter Relations/Nominations
Jeff Fry

Past Presidents
Fred N. Baker
Charles A. Barley
C. William Black, CGCS
Greg Borzok, CGCS
John Boyd
Dwight H. Brubaker
Robert Beyer, CGCS
Charles H. Cadiz, CGCS
Kenneth Dietrich, CGCS
Greg Fantuzzi, CGCS
Richard Funk
Jeff Fry

Michael C. Hair
Riley E. Heckert
Fred Heinlen
Cameron G. Henderson
James Jones, CGCS
Bryon F. Knoll, Jr.
Harry I. Latchaw
James Maclaren, CGCS
John McCormick
George Morris

Y. Lewis Payson
David P. Portz, CGCS
Daniel L. Snowberger
Richard Suttles
David Tabor
David Weitzel, CGCS
Michael Wilt
Richard Wilt
Terry Wueschinski, CGCS

SAM SNYDER
EDUCATION CHAIRMAN
COLONIAL C.C.

The November Meeting is our annual election Meeting which will be held at Fox Chase Golf Club.
Candidates are:

President—Dave Rafferty.....Chambersburg C.C.
Vice-President—Tony Goodley.....Heritage Hills Golf Resort
Secretary-Treasurer—Sam Snyder.....Colonial C.C.
Board of Directors—Jim Jones.....Fairview Golf Club
John Gehman.....Butler Valley Golf Port
Corky Knoll.....Moselem Springs Golf Club

GOLF NEWS

The winners for the Reading Meeting were:

Curtis King & Charlie Pasios	127
Don Benner & Kirk Miller	128
Mark Reed & Ken Pepple	139
Dr. Dave Spat & Kent King	142

The October meeting is at Silver Creek and the Philadelphia section is responsible for the tournament.

The November meeting is at Foxchase. We will be having our championship so plan to be there.

The Annual Joseph Valentine Memorial Tournament, sponsored by P.T.C. and 18 Company sponsor was hosted at the Philadelphia Cricket Club on Monday, October 5.

The Central Penn G.C.S.A. was represented by: John Chassard, Ken Pepple, John Dougherty and Mel Leaver who shot a low net 12 under par (130) to win the 1992 P.T.C. tournament.

Congratulations to John, John, Ken and Mel. It was definitely a team effort.

ALLIED NEWS

HYPERSENSITIVE REGISTRY

Presently, those who hold a Pesticide Application business license are sent a registry list of pesticide hypersensitive individuals for the purpose of voluntary notification of anticipated pesticide applications in the vicinity of the listed residence. To date, there are less than 400 individuals on their list. In the past, there have been many complaints about businesses not notifying hypersensitive individuals. These relatively few business that neglect to notify individuals with verifiable medical problems associated with exposure to pesticides are shedding a bad light on the pesticide applicator businesses.

Because of this, the Pennsylvania Pesticide Advisory Board in which the Allied's government liaison, Bill Brubaker, is a member, has recommended to change the notification from voluntary to mandatory. This recommendation has been submitted to the Pennsylvania Department of Agriculture. They are now in the process of reviewing this recommendation. The PA Pesticide Advisory Board will meet with The Department of Agriculture on September 23 and the decision to go mandatory will happen at this time by rewriting regulations of the Pesticide Control Act of 1973. Enforcement could follow shortly thereafter. The *Allied* favors this change.

“Central Penn Newsletter Supporters”

FISHER & SON CO. INC.
237 E. KING STREET
MALVERN, PA 19355
(215) 644-3300
Distributors of turfgrass & horticulture supplies

GOLF CARS, INC.
4180 SKYRON DRIVE, BOX 247
BUCKINGHAM, PA 18912
(215) 340-0880
Clubcar, Golfcars, and Utility Vehicles

LAWN & GOLF SUPPLY CO. INC.
P.O. BOX 447, 647 NUTT RD.
PHOENIXVILLE, PA 19460
(215) 933-5801
Turf maintenance equipment & supplies

POCONO TURF SUPPLY CO., INC
P.O. BOX 372
HORSHAM, PA 19044
(215) 672-9274
Turf supplies and Evergreen turf covers

AER-CORE, INC.
47 HERON HILL DRIVE
DOWNTOWN, PA 19335
(215) 458-0890
Contract Aerification

JERSEY TURF SPECIALISTS
JACK MONTECALVO
37A ELMTOWN BLVD.
(609) 567-9001
Deep tine aerification with Verti-drain & hydrojet

PRO-LAWN PRODUCTS INC.
DONALD M. HOLLINGER
858 MOUNT JOY ROAD
MANHEIM, PA 17545

CUSHMAN, RYAN, RANSOME TURF EQUIP.
JEFF SHOEMAKER
539 MAPLE SHADE RD.
KIRKWOOD, PA 17536
(717) 529-2792

SEEDWAY, INC.
55 WILLOW SPRINGS CIRCLE
YORK, PA 17402
(717) 764-9814
Seed, Fertilizer

EGYPT FARMS, INC.
P.O. BOX 223
WHITE MARSH, MD 21162
(410) 335-3700
Supplier of Soil Mixes to Golf Courses and Landscapers

FARM AND GOLF SUPPLY CO., INC.
BENNETT WARTMAN
7709-7725 RIDGE AVENUE
PHILADELPHIA, PA 19128
(215) 834-6015 / (215) 483-5000
Golf supplies and chemicals and fertilizers

NOR-AM CHEMICAL CO.
1133 SOMERSET STREET
SOMERSET, NJ 08873
(908) 846-8173 / (816) 891-7580

STULL EQUIPMENT CO.
TURF & INDUSTRIAL DIVISION
201 WINDSOR ROAD
POTTSTOWN, PA 19464
800-724-1024
Turf equipment sales

BLUE RIDGE PEAT FARMS INC.
RR 1, BOX 292A
WHITE HAVEN, PA 18661
(717) 443-9596
Top dressing, sand, potting soil, construction mix

PHILADELPHIA TURF CO.
THOMAS DRAYER
4049 LANDISVILLE ROAD
DOYLESTOWN, PA 18901
(215) 340-5431
Turf maintenance equipment and irrigation equipment

AQUATROLS
PHIL O'BRIEN
5 OLNEY AVE. No. 26
Cherry Hill, NJ 08003
(800) 257-7797
Water management products

GOLF CART SERVICES, INC.
ROBERT GOBRECHT
4425 YORK ROAD
NEW OXFORD, PA 17300
(717) 624-2900

MILLERS NEW TURF SOLUTIONS
ED MILLER
515 SOUTH MARKET STREET
MILLERSBURG, PA 17061
(717) 692-5786
Distributor of Isolite
Porous ceramic soil conditioner and remote sensing infrared aerial photography

AQUA-FLO, INC.
P.O. BOX 752, 320 BASIN ROAD
HAMMONTON, NJ 08037
(800) 524-0895 or (609) 561-1777
Irrigation equipment, pumping stations, aerators

FERTIL SOIL
ALAN AMECHE
P.O. BOX 887
DEVON, PA 19333
(215) 688-5656

FINCH TURF EQUIPMENT, INC.
THOMAS STAGER
1627 LITTLESTOWN PIKE
WESTMINSTER, MD 21157
(410) 848-7211

O.M. SCOTTS & SONS CO.
PAUL WICKEY
RD 1, BOX 109
BERLIN, PA 15530
(814) 267-4432

Penn State Notes:

A Discussion Of The Choker Layer

The choker layer between the root zone mix and the drainage blanket (gravel) is inserted, for among other reasons, to restrict the movement of root zone mix into the drainage blanket.

The most recent USGA Green Section putting green specs. (1989), emphatically states: "The Green Section . . . **POSITIVELY RECOMMENDS INCLUDING THE INTERMEDIATE SAND LAYER IN ALL USGA GREEN SECTION GREENS.** . . . Failure to follow this requirement means you are not bulding a USGA Green Section green." USGA Green Section suggests that the choker layer consist of a uniform sand with the majority being not less than 1 mm. in size.

The preferred material, for the drainage blanket, is washed pea gravel (1/4 in. to 3/8 in. diameter particle size). If larger gravel is used it should be topped with at least 1 in. of pea gravel-type material.

The USGA admits that other viewpoints exist. One study suggested little evidence of green's mix migration without a choker layer if no more than 50% of the gravel was larger than 6.4 mm. (1/4 in.).

Recently, Dr. Norm Hummel, Cornell, suggested that USGA Green specification are likely to change, possibly by early 1993. Dr. Hummel has been researching the specifications for USGA and has recently submitted a preliminary proposal. Hummel predicts that some specs. will be loosened while others will be tightened.

Pat Sanders is seeing generally *heavy black root disease hyphae* on grasses, although no foliar symptoms have occurred. She cautions against being liolled into thinking that symptoms will not occur if we encounter a stress period this fall. It is, of course, way too late for chemical control but the grass should be babied a bit during any upcoming period of dry weather and/or high temperatures.

Art Grover reports that Vantage, which has the same active ingredient as Poast (BASF) is now labeled for *control of annual grasses and perennial cool season grasses in the fine fescues*. This includes, creeping red, chewing, sheep and hard fescues. So if you have hard fescue deep roughs, here is a way to clean up the other grass species and reduce mowing frequency even more.

Scott Harrison reports that there have been some *new additions to FIFRA* that are designed to protect Ag. workers who are not involved in pesticide application. Scott wanted to let everyone know that lawn and turf, except sod farms, are *exempt* from these new changes.

CENTRAL PA. GOLF COURSE SUPERINTENDENTS ASSOCIATION
Meeting Notice:

DATE; WEDNESDAY, NOVEMBER 4TH, 1992 LOCATION; FOXCHASE GOLF CLUB
HOST; STEVE GRAYBILL

MEETING TIMES;

(BOARD OF DIRECTORS MEETING; 10A.M.)

LUNCH; ON YOUR OWN

GOLF; 12:00 Shotgun

TYPE OF TOURNAMENT; **Association Championship**

COST; CART-\$15.00 (mandatory)

SHOWERS; yes

SOCIAL HOUR; 5:00 P.M

DINNER-6:00P.M.

DRESS; casual (no jeans)

PROGRAM; ANNUAL ELECTION MEETING/ AFFILATE SPONSERED TEES

*****MEETING RESERVATION AND DINNER POLICY*****

The first 50 voting members to arrive and register will receive DINNER FREE. Voting members are "Class AA, Class A, Class B and Class R members in good standing". For all others the cost will be \$25.00. We will not be using our prepayment mail in reservation system for this month only. Please be prepared to pay at the meeting.

****You must call Patti, or mail back the reservation form below, to make your reservation!!**

The deadline for your reservation to Patti is
October 23, 1992!!

It is in the bylaws of the CPGCSA, that monthly meeting are for members only. Exceptions are made at the discretion of the hosting superintendent.

RESERVATION FORM

NAME; _____ COURSE/CO. _____

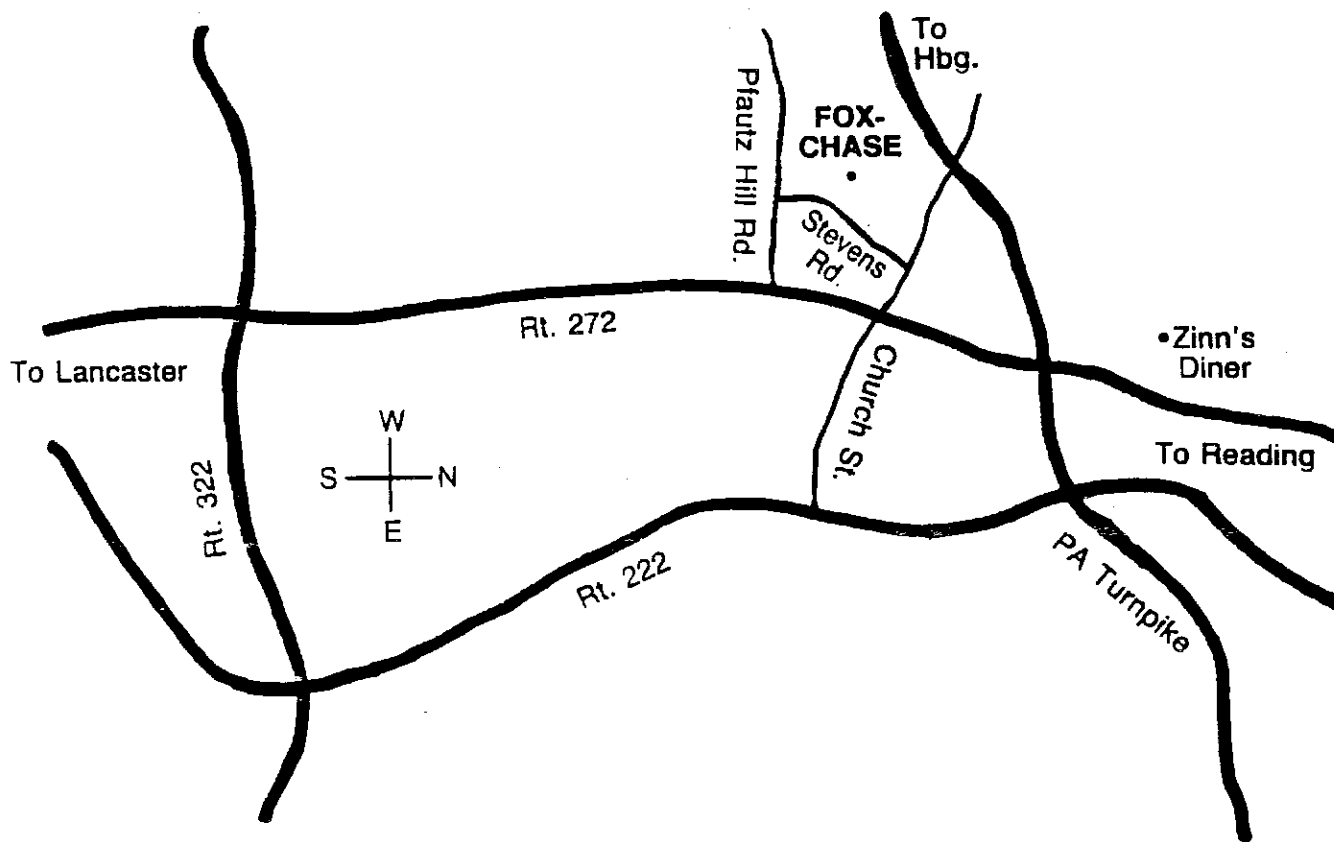
ADDRESS; _____

MEMBER HANDICAP _____ GUEST HANDICAP _____

(GUESTS TO PAY GREENS FEE AT PRO SHOP)

DEADLINE; OCTOBER 23rd, 1992-NO EXCEPTIONS PLEASE!!

MAKE CHECKS PAYABLE TO CPGCSA





WILKES-BARRE
GOLF CLUB
1001 FAIRWAY DRIVE
WILKES-BARRE, PA 18702

THE GENERAL MUNICIPAL AUTHORITY

OF THE CITY OF WILKES-BARRE

PHONE 717 472-3590

22 September 1992

Position available:

Director of golf course and grounds
maintenance
Wilkes Barre Golf Club
1001 Fairway Dr.
Wilkes-Barre, Pa 18702

The General Municipal Authority of Wilkes-Barre is searching for a turfgrass professional capable of directing the entire maintenance operation at the municipal golf club in Wilkes-Barre, PA.

General Information:

- * year round position - open immediately.
- * 18 hole public golf course operated by Wilkes Barre General Municipal Authority, 6900 yds. par 72.
- * Bent grass greens and ryegrass tees, rye and bluegrass fairways.
- * Irrigation System - tees, greens and fairways.
- * Superintendent reports directly to Executive Director.
- * Maintenance budget approximately \$160,000.00.
- * Currently 8 employees on grounds crew.
- * Possibility of expansion to 27 holes within the next 5 years along with an update of current irrigation system.

Requirements:

- * 4 year degree in turf grass maintenance preferred.
- * Minimum three years as a course superintendent at an established club.
- * Current pesticide application license.
- * Successful candidate will be a motivated, self starter who is extremely detail oriented and meticulous, with a proven ability to effectively manage, train and organize all personnel within his/her area of responsibility.
- * ~~Some course construction experience is desirable but not mandatory.~~
- * Experience with a computerized, automated irrigation system is a plus.

Benefits:

Club paid health insurance for employee
Club paid life insurance for employee
2 weeks annual vacation
Dues paid for Local Assoc. and GSCAA
Paid annual sick leave - one day per month
Meeting expenses for Local Turf Association
Other items to be negotiated with successful applicant

Salary: Negotiable- commensurate with experience, qualifications, and past performance.

Deadline for Resumes: Friday October 23, 1992

Resumes should be directed to:

Gary Sohosky, Executive Director
1001 Fairway Drive
Wilkes-Barre, Pa 18702

No phone calls accepted.

JOB PERSPECTUS**POSITION-SALES & MARKETING SPECIALIST**

Marketing private label fertilizers, seeds, chemicals and other miscellaneous pesticides to the *golf course, lawn care, landscape, and sports-turf markets.*

TERRITORIES AVAILABLE

- ***Baltimore Area - South Eastern Pa.- Northern Delaware
- ***Greater Philadelphia - South Jersey - Northern Delaware Area
- ***Allentown-Bethlehem-Easton & Pocono's

COMPENSATION

Liberal Comission + Performance Bonus

EARNINGS POTENTIAL

- 1 st year - 40-60 M
- 2 nd Year - 50-75M
- 3 rd Year - 60-115M

EDUCATION & EXPERIENCE

- 4 Yr. B.S. in Turf or related sciences (or)
- 2 Yr. Turf Degree + Experience (or)
- Minimum 3-5 Years experience in TURF INDUSTRY sales & marketing

All responses will remain confidential and should be type written and mailed or fax'd to:

Turf Chemicals Plus, Inc.
913 Strickler Rd.
Mt.Joy, Pa. 17552

PENN STATE

VS.

BOSTON COLLEGE

OCTOBER 17TH

**THE BUS WILL BE LEAVING FROM
PARK VILLAGE PLAZA IN HUMELSTOWN**

7:00 A.M. SHARP!

**THIS HAS ALWAYS BEEN A FULL DAY
OF FOOD AND FUN!!**

\$45.00 PER PERSON INCLUDES

BEER, SODA, LUNCH, SNACKS, BUS, AND TICKETS

CALL OR FAX PATTI (717) 761-5404

FOR RESERVATIONS

(LEAVE MESSAGE ON RECORDER)

NOVEMBER EDITORIAL

THOUGHTS ON MANAGING TURF DURING THE DOG DAYS OF SUMMER

By Dr. Frank S. Rossi, Environmental Education Specialist, Michigan State University

As a former golf course manager, I always wondered why we held our most important tournament during the hottest, most humid days of summer. It seemed to me that if the members wanted to showcase the course, May or September were better months. However, I guess some one has to host a tournament in the heat of the summer. So let us think about what the grass plants are experiencing.

Summer months in the north generally provide average daily temperatures in the high 80s to low 90s, with 60 to 90 percent humidity. Certain areas in the northern Great Lakes and along the shore experience only 20 to 30 percent humidity, which could create a climate similar to Arizona. Still, increased temperatures warm the soil, depending on rainfall and soil type, into the high 70s. Accordingly, through understanding cool-season turfgrass ecology or just by observing the turf, you know that the plants are into their summer dormancy period. Soil temperatures will clear 65 percent Fahrenheit causing roots to dieback, thereby reducing the rate of shoot production. However, irrigation allows for some measure of control over the growing conditions by providing available moisture, reducing evaporative demand and cooling soil temperatures. Yet, the ability to irrigate, which enhances the growing conditions on one hand, could create a favorable micro environment for plant pathogens and encourage summer annual weeds.

Irrigation practices could be considered the most vital aspect of a high-intensity turfgrass management program and are probably the least understood. Research has identified several monitoring tools to aid in determining the amount of water needed to maintain healthy plants. For example, irrigation needs can be established based on evapotranspiration (ET) data as a measure of water loss from the turfgrass ecosystem (soil and plants). Yet, recommendations for irrigation timing and frequency are not well defined, and the best time to apply water may not be possible logistically. Additionally, maintaining adequate soil moisture in the turn root zone does not guarantee that the evaporative demand will not exceed the soil's ability to conduct the water to the roots, which could result in turf wilt. This situation supports the concept of light daily irrigation during the heat of the day to reduce evaporative demand. However, many argue over the inefficiency of irrigating because of the potential for water evaporating into the atmosphere. Ideally, a well-designed irrigation program will supply some percentage of water lost on a daily basis to ET and supplement with light daily applications to reduce midday moisture stress.

During the summer months when it's hot, I tend to eat less and generally will drop a few of those "cabin fever" pounds I gained in the winter. I still need regular nutrition, but I don't like to feel loaded down. Your turf is the same way. It needs good fertility, but, in general, it will not respond well to excess nitrogen (N). One advantage of the summer months are the warm soil temperatures which promote microbiological activity. This activity will release naturally available N from decomposing organic matter or N from a natural or synthetic slow release organic source you apply. In each case, the N becomes available to the plant in a more controlled and regular fashion without overloading it, providing of course you do not over-apply. This type of fertility program should maintain the plants in a healthy state and allow for adequate growth and recovery potential during those summer tournaments.

A second summer fertility option is light, frequent foliar applied N (approx. 0.2 lb N/M/2 weeks) to greens and tees while supplementing with iron applications to maintain good color. I believe this practice maintains the plants in a healthy condition, since N remains regularly available to the plants as they require it. In general, one must develop a "feel for the nutritional needs of their specific sward and develop an integrated fertility management program which keeps the plants healthy and ultimately could reduce pesticide use.

NOVEMBER EDITORIAL

Summer pest problems from weeds, insects and diseases are of particular concern as a result of the reduced competitive ability of the turf, in my experience. If summer annual weeds such as crabgrass and goosegrass are present, you already have heard an earful from your membership. As these weeds become larger, they become more difficult to control, especially in close-cut bentgrass or annual bluegrass stands where most herbicides will cause injury, it is best to control these weeds before they are able to establish and to watch them closely if they do become established. Frequent light rate applications of Acclaim is a viable strategy for controlling young grass weeds, however, the larger weeds are the most difficult to control and will prompt the most complaints.

In the disease area, anthracnose and summer patch will be causing many superintendents trouble during the summer months, occasionally, those diseases have been found acting in concert with each other, i.e., the anthracnose will infect the plant followed by the summer patch organism which will brown the turf out. Anthracnose symptoms are typically patches of turf reddish brown, then yellow, then tan to brown. Fungicides are usually needed for curative control; however, good management practices that reduce stress will aid recovery. Summer patch is difficult to diagnose due to the general chlorotic decline of the turf. Because the summer patch organism severely inhibits root function, cultural practices that alleviate stress and promote root development reduce disease severity. For example, research from Rutgers University has indicated that raising height of cut from 1/8 inch to 5/32 inch significantly decreased summer patch severity. Interestingly, there have been some reports that certain contact fungicides enhance disease severity. Suggesting a non-target influence. there remains much debate regarding irrigation practices for summer patch management, however, all agree that reducing midday moisture stress by syringing will aid plant health.

One aspect of turfgrass disease which has remained clear in my mind is what I call "cool-night salvation." Pythium and brown patch which are high-temperature and high-humidity diseases, particularly in the evening do not become pathogenic during cool summer nights. However, when these diseases become active they can devastate a sward and will require decisive action by the superintendent to avoid turf decline and death. So pray for cool nights if your fungicide budget is tight and avoid night watering if nights are hot and humid.

Many insect problems begin to manifest during the warm summer months and must be addressed prior to severe visual damage. In Michigan, the two big challenges are the Black Turfgrass Ataenius and the European Chafer. Generations of these insects will feed on turf roots when the turf can ill afford any further root dysfunction. Cutworms on the close-cut surfaces could also cause substantial injury if not managed and, as with all insect pests, require careful monitoring and an integrated management program to minimize turf loss. Research is being conducted on irrigating to mask injury and proper timing of insecticide applications to maximize efficacy. A final note about the increase in ant populations on fine turf areas: it is vital that the superintendent identify the type of ant present, since many species are beneficial to the microenvironment. I understand and have seen the unsightliness of the ant mounding; however, excessive pesticide use to reduce these populations could have long-term ecological impacts and warrants the use of any alternative available.

Summer, for many, is the most enjoyable time of the year since the outdoors abounds with activity. The golfing public has come to expect a high level of quality from the American golf course, without regard to the strain placed on the grasses and the superintendent managing that sward during the "dog days." Proper planning and careful monitoring throughout the season will aid in reducing stress during these months. Because we often ask the plants to provide a surface that taxes their biology, however, challenges will arise that require prompt and decisive action. Remember, turfgrass management is as much an art as it is a science, and there is no reason why you as a manager shouldn't enjoy the summer also.

Sales of reference book to help fund GCSAA S&R

Lawrence, Kan., August 26, 1992—An industry publishing firm has agreed to a major donation program to benefit turfgrass research and scholarships for golf course management students. The donation program is based on sales of a chemical resource book for golf course superintendents.

C & P Press will make a contribution to Golf Course Superintendents Association of America (GCSAA) Scholarship and Research (S&R) for each copy of the new, 2nd Edition *Turf & Ornamentals Chemicals Reference (T&OCR)* purchased by superintendents.

The *T&OCR* contains material safety data sheets (MSDSs) and product labels for more than 300 pesticides used on golf courses. The book is designed as an informational resource and compliance tool for superintendents and other grounds managers. OSHA's rules on hazard communication require all superintendents to have MSDs on chemical and other potentially hazardous products.

A special order form for the book will be included in the September 1992 issue of *Golf Course Management*. A copy of the order form was inclosed in the August issue of GCSAA's *Newsline*. Superintendents who order by September 21, 1992, will receive a special edition of the *T&OCR* that is embossed with the GCSAA logo.

The book also includes an expanded section on compliance and safe practices, including: hazard communication and community right-to-know laws, sample record-keeping and compliance forms, calibration and measurement conversion tables, state-by-state product registration listings and summaries of posting and notification laws. An appendix also includes a directory of federal, regional and state regulatory personnel.

GCSAA President William R. Roberts, CGCS, said "Every superintendent should have a copy of this book in the office." He said that he uses the book as part of his written hazard communication plan and as a way to plan applications and train workers. "It's the best desk reference you can have," Roberts said.

GCSAA conference & show to have multi-million dollar impact on Anaheim

Lawrence, Kan., Sept. 14, 1992 — The Orange County economy can expect a \$20 million-\$25 million infusion when the International Golf Course Conference and Show — the largest event in the golf course industry — is held at the Anaheim Convention Center, Jan. 23-30, 1993.

Local hotel/motel, restaurant and entertainment markets will see an estimated \$20 million to \$25 million when the projected 16,000 participants arrive for the event.

Sponsored annually by the Golf Course Superintendents Association of America (GCSAA), the 64 International Golf Course Conference and Show is expected to draw golf course management professionals from nearly 50 different countries. Superintendents, landscape and golf course architects, club managers, course owners and many others will gather at the event for a week of seminars, educational sessions and the trade show.

According to the Center for Golf Course Management, golf courses in the United States alone spent an estimated \$5.4 billion on golf course maintenance and capital expenditures in 1991. The more than 60 educational offerings and the 175,000-square-foot trade show will offer golf course management professionals the best training and equipment information available to provide the best playing conditions.

More than 600 manufacturers and suppliers will display the newest products and services in the golf course management industry during the trade show, which will run Jan. 28-30 at the Convention Center. Millions of dollars worth of products and services will be on display, ranging from turf and utility vehicles, irrigation equipment and drainage systems to geotextiles, seed, turf, chemicals and all types of turf maintenance supplies.

The trade show, ranked by *Tradeshow Week* as one of the 120 largest shows in the United States, will be open 9 a.m. - 5 p.m. on Thursday and Friday, Jan. 28-29, and 9 a.m. - 1 p.m. on Saturday, Jan. 30.

Wednesday, Jan. 27 is designated Distributor Preview Day, providing an opportunity for exhibitors to meet exclusively with current and potential distributors and dealers.

The 1992 International Golf Course Conference and Show held in New Orleans, La., drew more than 15,000 people, including nearly 2,000 international visitors representing 47 countries and territories outside the United States. A record 593 exhibitors showcased their products and services during the three-day show.

Headquartered in Lawrence, Kan., GCSAA is an 11,900-member international professional association dedicated to promoting responsible golf course management. Its members are the men and women who manage and maintain golf courses throughout the world.

G C S A A

NEWS

Golf course industry's biggest show hits the beach in Southern California

Lawrence, Kan., Sept. 14, 1992 — More than 16,000 people are expected at the 64th International Golf Course Conference and Trade Show, Jan. 23-31, 1993, in Anaheim, Calif. The conference and show, considered to be the main event in the golf course industry, is sponsored by the Golf Course Superintendents Association of America (GCSAA).

The week will include more than 60 educational seminars and sessions: a three-day, 175,000 square foot trade show; a gala banquet featuring a performance by the Beach Boys; the association's annual meeting and election of officers; and the 1993 GCSAA Golf Championship.

Conference week opens with the annual GCSAA Golf Championship, Jan 23-24 at several courses in San Diego. A field of nearly 400 will compete for individual and chapter team honors in the national tournament.

Meeting the professional needs of golf course superintendents will be covered in 54 one- and two-day seminars that will be offered during the first four days of the conference, Jan. 23-26. Topics ranging from water quality and wildlife habitat conservation to employee safety training and managerial productivity will address issues that golf course management professionals face today.

Six concurrent education sessions are scheduled for Wednesday, Jan. 27 with several more forums scheduled for Thursday, Friday and Saturday. Sessions by allied associations, including the American Society of Golf Course Architects, Golf Course Builders Association of America and the United States Golf Association Green Section, round out the conference.

Johnny Bench, the Baseball Hall-of-Fame catcher who led the Cincinnati Reds during their legendary "Big Red Machine" dynasty, will be the keystone speaker at the Opening Session on Tuesday, Jan. 26 at the Anaheim Hilton. Elected to the Hall in 1989, Bench has remained successful by aiding worthy causes, such as the Heart Association, The American Cancer Society, Hike for the Handicapped, the Kidney Foundation and the Muscular Dystrophy Foundation.

A record 600-plus manufacturers and distributors of golf and turf industry products, supplies and services are expected to exhibit at the trade show, which runs Jan. 28-30 at the Anaheim Convention Center.

A performance by the Beach Boys, will provide entertainment at the formal closing banquet on Saturday, Jan. 30. The Beach Boys have recorded dozens of California fun, sun and surf hits, including "Help Me, Rhonda," "Good Vibrations," and "Surfin' USA."

The highlight of the gala evening will be the presentation of the Old Tom Morris Award, GCSAA's highest honor. This year's award will be presented to popular entertainer and LPGA hostess Dinah Shore. Previous recipients of the award include Arnold Palmer, Gerald Ford, Bob Hope and Tom Watson.

Last year's conference and show, held in New Orleans, La., drew more than 15,000 people. Nearly 2,000 of those attending were international visitors and guests, representing 47 countries and territories outside the United States.

With headquarters in Lawrence, Kan., GCSAA is an 11,900 member international professional association dedicated to promoting the principles and techniques of responsible golf course management. Its members are the men and women who manage the playing fields of golf.

BOARD NEWS

Members: The Pre-pay policy for the next meeting hasn't been working as expected due to members not meeting the reservation deadline.

Unfortunately, at July meeting, members were turned away for golf.

It is your responsibility to mail your reservation in on time. If your club is responsible for sending your reservation to Patti Wall, then please check and make sure she has received it before the reservation deadline.

Effective immediately, any reservation received after the deadline date will be returned to you or the Club. Absolutely, no phone calls to Patti Wall or the hosting superintendent for reservation, they will be denied (Mail in Only)!

The reservation sheet for the next month meeting is inserted in the prior month Newsletter (4-6 weeks in advance). There is no excuse for not sending the sheets in on time. This policy will be enforced and no exceptions will be excepted. Thank you for helping us solve this important issue.

If you haven't received your name tag, please do so at this meeting.

"The following people have applied for membership into our association. If there are no written objections within the next seven days, they will be accepted into our association at the next meeting:"

James Mowry

Cumberland Golf Club A

Many thanks to Stuart Hartman, his ground staff and all the Reading Country Club staff for a wonderful day. The course, as expected, was beautiful.