

EDITOR
ROBERT J. COSTA, CGCS
408-373-0881

OFFICE
Barbara Mikel - Executive Secretary
550 Main St., Suite G
P.O. Box 3360
Diamond Springs, CA
95619
Phone: (530) 626-0931
Fax: (530) 626-5132

PRESIDENT
DAVID R. DAVIES, CGCS
Palo Alto Muni Golf Course

VICE-PRESIDENT
GARY K. CARLS, CGCS
Santa Teresa Golf Course

SECRETARY/TREASURER
FORREST ARTHUR
The Links At Spanish Bay

PAST PRESIDENT
BLAKE SWINT
Castlewood Country Club

DIRECTORS
ROBERT COSTA, CGCS
Laguna Seca Golf Course

MIKE NUNEMACHER
Blackhawk Country Club

KENNETH D. WILLIAMS, CGCS
Stanford University Golf Course

TERRY GRASSO
Burlingame Country Club

AFFILIATE ADVISORS
JAMES W. KARRIK, JR.
Naiad Company, Inc.

CRAIG KILCOYNE
H. V. Carter Company, Inc.

PUBLISHER
Jo Harlow
Key Publications
Phone: (925) 827-9676
Fax: (925) 674-1688

THRU THE GREEN
Published monthly by the
Golf Course Superintendent's Association
of
Northern California

THRU THE GREEN

From The President

Congratulations to the Tournament Committee, Forrest Arthur and Terry Grasso, for an incredible event at the Course at Wente Vineyards. By all accounts the event was a great success. Superintendent Jeff Shafer, Head Pro Bob Hickam and the entire staff at Wente can be very proud of their operation. I can honestly say I did not hear one negative comment although there was some reference to handicaps on the winning team. Who was that guy anyway? Please remember if you have registered for an event and cannot attend, it is necessary to call and cancel. We are all busy and things do come up at the last minute. Many times deposits have been paid and final bills are based on reservation numbers and not actual head counts.

We are moving forward in the process to find ways to be more proactive in telling "our" story outside the golf industry. Ross Brownlie is working with John Abendroth from "Hooked on Golf" to possibly have superintendents as guests on his golf radio show. We also hope to work with their television taping next year to highlight the superintendents at facilities they feature. The process of gathering information on a public relations director will continue for the next 4-6 weeks. Answering the critical questions of funding and need are the initial priorities. I hope there will be specific information available for discussion at the September meeting at Adobe Creek.

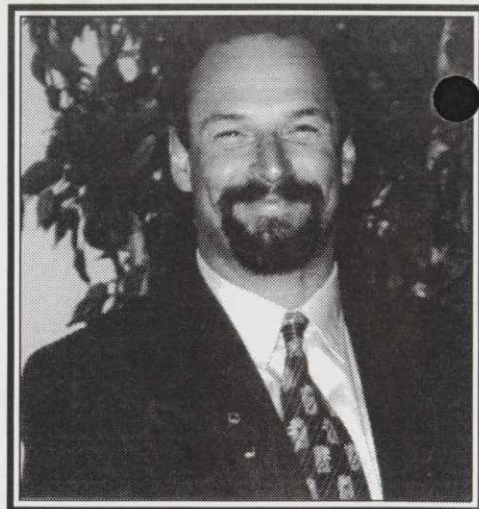
Association involvement remains a key question at every board meeting. It is important for us all to evaluate the reasons we belong to a professional association.

Office Notes

By Barbara Mikel

A Superintendent I haven't seen at a meeting in a while called to submit a change of address and a promise to be at the Fountaingrove Scholarships Tournament. He mentioned this was an event he wanted to attend because it gave something positive to the Association. Right he is!

We have three former scholarship winners now members of the Association working at courses in the state. Jason Green, Assistant at Lost Altos Country Club, Jim Morales, Superintendent, Sundal Country Club in Bakersfield, Stephen Leas, Superintendent San Geronimo Golf & Country Club. I don't know about all of you out there, but hearing



Dave Davies, CGCS

Information and the professional network provided are the primary reasons for me. Participating in a few meetings, attending the annual Institute, offering your facility as a site for a meeting or donating to a fund raising request are all ways to participate. There are a number of committees that can use help that may involve nothing more than a couple of hours of your time to produce successful results. Ask about ways you can be a bigger part of the organization.

Please remember all those important points from the last few messages . . . what were they again? Keep that sense of humor as the summer marches on. Many of us are in the middle of projects that will put us to the test. Pick up the phone and talk to someone that has been there. There could be a tip to make things easier or just a sympathetic ear. See you at the Scholarship Tournament in August in Fountaingrove.

from these "kids" sure gives you a perspective on growing older. Also gives you an idea of the rewards your scholarship donations bring.

Class A Superintendent, Roger Martinez, Class B Member, P.J. Spellman III, member, and Dave Warne, are working superintendent's or greenkeeper members who have received scholarship contributions. Robert Budelli's son, Bobby is a prime example of a member family benefiting from our efforts. The meeting reservation form is also available on the Web page for GCSANC.

Hope to see all of you in August at Fountaingrove.

Naumann's NorCal News

Mike Phillips is returning to the Monterey Peninsula to become the superintendent at the new Jack Nicklaus Signature Golf Course. Mike is leaving Stockton G & CC to make this move **Corey Eastwood** is the new superintendent at Stockton G & CC. Corey was the superintendent at Stockdale CC in Bakersfield prior to his return to Northern California . . . Also returning to where he began is **Howard Fisher**. He has retired from the Navy Golf Courses in San Diego and is now building his retirement home in Sea Ranch.

Industry Alert . . .

Texas A & M Looking For Fairy Ring Samples To Create Survey Identification Database

Dr. Phil Colbaugh of Texas A & M University is collecting and cataloging the fungi associated with fairy ring. This will be used to develop an identification database for future research efforts.

Dr. Colbaugh is requesting samples of fairy ring fungi from superintendents across the U.S. Please send samples to:

Dr. Phil Colbaugh
Texas A & M University at Dallas
Research & Education Center
17360 Coit Rd.
Dallas, TX 75252

phone: 972-231-5362
fax: 972-952-9669

Custom-Blending Fertilizers for ^{your} Greens, Tees and Fairways

Call **Tim Ahrens, Ph.D.**
Certified Agronomist & PCA
(800) TURF DOC



Prescription
Turf & Ornamental
www.flash.net/~turfdoc
Division of Associated-Tagline, Inc.
P.O. Box 1330, Salinas, CA 93902



VALLEY CREST TREE COMPANY
The Tree Growing & Tree Moving Company

When you need the right trees and shrubs delivered at the right time, at a price that's right . . . it pays to get it right from Valley Crest Tree Company.



Steven M. Jones Sales Representative

8501 Calaveras Road • Sunol, California 94586 • Phone (510) 862-2485 • Fax (510) 862-2935
A subsidiary of environmental industries, inc., an equal opportunity employer by choice

SOUTHERN LINKS

8561 Younger Creek Dr. #6
Sacramento, CA 95828



Steve Kent
Rex Gentry

Toll Free: 800-405-4657
Fax: 916-381-5778

WHEN IT MATTERS.

Supporter Listing

SCOTTS PROTURF

Fertilizers - Poly S and new Triaform technologies Herbicides, Fungicides, Seed, Soil, tissue, water and turf disease testing.
Chuck Dal Pozzo, Sr. Tech. Rep. **209-833-1223**

RUSSELL D. MITCHELL & ASSOC., INC.

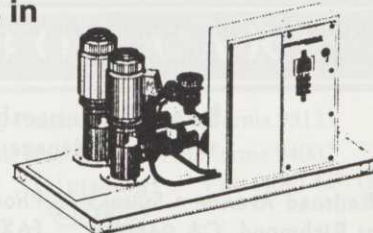
Providing quality irrigation design and consultation services including bid document development, hydraulic analysis, and field staking.
510-939-3985 **FAX 510-932-5671**

FLOWTRONEX PSI

Pumping Systems

Industry Leaders in
Quality, Service
and Innovation

Wes Hall
619-747-1662



Boardroom Briefs

- Director, Mike Nunemacher reports that he is still in pursuit of a member credit card. His attempts thus far have not met the objectives of the program.
- A discussion among the Board members produced numerous suggestions for additions to the GCSANC web site. In the near future expect to see; a monthly superintendent profile, GCSANC merchandise, and research information. The web page can be accessed through the State web site at www.gcsa.org/cgcsa
- A strong show of conceptual support was in evidence for the much talked about hiring of a Media Director. Dave Davies, CGCS who triggered a spirited debate appointed a committee of Bob Costa, CGCS, Forrest Arthur and Gary Carls, CGCS, to examine the current budget for potential sources of revenue, necessary to fund the program. Pending the committee's report, a final decision will be made as to whether to pursue or abandon the idea.
- A sponsorship committee has been assembled to formulate an advertising/sponsorship program for 1999. The program is intended to provide affiliate members with either packaged or single activity marketing opportunities. Committee members include; Bob Costa, Forrest Arthur, Craig Kilcoyne and Jim Karrik. The committee has been directed to prepare a draft of the program for review at the next board meeting.
- A Dress code for monthly meetings made the board agenda. The outcome . . . short pants will not be allowed for members, or their guests during the meeting portion of the monthly event. When stipulated, shorts will be allowed for golf only. Please note the appropriate dress code on the monthly registration form.
- Education Chairman, Bob Costa, CGCS, reported that Ron Read, Western Region Manager for the USGA will be the featured speaker at the September meeting at Adobe Creek. The title of his presentation . . . "How To Properly Mark Your Golf Course."
- President Dave Davies, CGCS informed the Board that the State Association is again considering publishing a statewide directory.
- Affiliate Representatives, Jim Karrik and Craig Kilcoyne continue to work feverishly on the upcoming Scholarship/Research and Education Tournament. Kilcoyne in his summation to the Board, promised a format so exciting that he was reluctant to share all the details. And how about this for a raffle prize: Dave Davies proudly announced that he has secured an autographed Forty Niner Football from an old acquaintance, Harris Barton. Reportedly, upon receipt of the ball, Davies fumbled the exchange, momentarily leaving him speechless.
- Scholarship Chairman, Ken Williams, CGCS informed the Board that the scholarship applications are set to be mailed. Look for an application in the registration mailing for the August meeting.

Quick Quote

"My Karma ran over my Dogma."

— unknown —

LANDMARK Golf Course Builder

Golf Course Construction • Renovation • Irrigation
Contractor's License No. 577031

Bruce B. Kenseth
Operation Manager

30 Railroad Avenue • Suite 3 Phone: 510-235-1960
Point Richmond, CA 94801 FAX: 510-235-2042

POLYON®

PROVEN ON NORTHERN CALIFORNIA GOLF COURSES!

- ◆ Durable 100% Polymer Coating
- ◆ Predictable Nitrogen Release by Osmosis
- ◆ Spoon Feeds Turf Consistently for 3-4 Months
- ◆ Release Unaffected by Excessive Rainfall or Irrigation
- ◆ Available from Your Favorite BEST® Distributor

The Final Word In Turf Nutrition **BEST.**

J. R. Simplot Company • (800) 992-6066 • Fax (209) 858-2519

GCSAA Announces New Associate Membership Classification

As of July 1, 1998, the Associate membership classification will be open to golf course employees who are working toward a career as a golf course superintendent. Any golf course employee who meets the requirements listed below, may be classified as an Associate member instead of an Affiliate member.

Associate membership requirements:

1. Applicant must be on a career track within the golf course superintendent profession.
2. Applicant must hold a degree from an accredited university/college that may include one of the following types of degrees:
 - 4 year turf or "other" bachelor's degree
 - 2 year associate turf/plant science degree
 - 2 year turf certificate
3. Applicant must be a former GCSAA student member: This requirement will take effect July 1, 1999. Individuals not student members before this date are grandfathered with regards to this requirement.

Associate class member applicants will be required to provide an application attested by a Class A or B superintendent member of GCSAA.

Associate Membership Benefits:

- \$125 annual membership dues
- Green membership card
- All of the privileges of membership except that of voting and holding office
- One personal subscription to *Golf Course Management*

For more information, contact the GCSAA office at:
1-800-472-7878

DELTA BLUEGRASS COMPANY



Quality Golf Course Sod Blends & Services

BLENDS: Pennncross, Dominant, Hybrid Bermuda, Baby & 419, Blue Rye 50%/50% & 90/10, 100% Rye and 100% Bluegrass

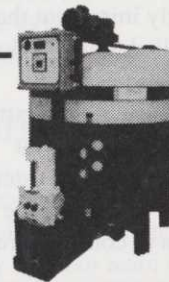
SERVICES: Hybrid Bermuda Row Planting, Deep Tine Aeration, Slit Seed, Green and Fairway Top Dressing

800-637-8873

Contractor's Lic. #C-27 553999

ALAN HEATH @ 916-768-0132

Fertilizer Injection Systems Designed Exclusively for Golf & Turf Applications



Accura Treat Tank Mount System

ETS
ENHANCED
TECHNICAL
SERVICES

130-C S. Buchanan Cir.
Pacheco, CA 94553
Toll Free 888-438-7435

John Deming
Division Manager



Pacific OpenSpace, Inc. & North Coast Native Nursery

- Drought tolerant landscaping of roughs
- Mitigation, restoration and erosion control plans
- Design, consultation and installation services
- Extensive inventory of native California species
- Contract collection and propagation

707-769-1213

P.O. Box 744, Petaluma, CA 94953 • FAX 707-769-1230

AUTOMATIC RAIN COMPANY

Irrigation and Landscape Supplies

www.autorain.com

EXPERIENCED STAFF SERVING THE GOLF TURF PROFESSIONAL

- ◆ Sprinklers
- ◆ Seed & Sod
- ◆ Controllers & Valves
- ◆ Fertilizers
- ◆ Drainage
- ◆ PVC Pipe & Fittings
- ◆ Chemicals
- ◆ Tools
- ◆ Landscape Lighting

CONCORD (510) 825-3344 DUBLIN (510) 551-8383 FRESNO (209) 431-8007 MENLO PARK (650) 323-5161 MERCED (209) 383-3330

NAPA (707) 255-7575 SACRAMENTO (916) 492-1000 SAN JOSE (408) 287-7882 SAN RAFAEL (415) 454-4313

SANTA ROSA (707) 584-7272 YACAVILLE (707) 447-7773 HEAVY TURF (800) 376-5600 GOLF SERVICE (800) 297-RAIN

For more information, please call John Holmquist, Golf Sales Manager at (707) 451-9050

Craig Linquist

Service Line Manager

ISA Certified Arborist No. 1510

ARBOR CARE

825 Mabury Road, San Jose, California 95133

590 B Taylor Way, Belmont, California 94002

Tel: 1-800-410-0066



Fax: (408) 437-1817

a division of ENVIRONMENTAL CARE, INC.

USGA

Watering wisely, it is now voluntary but someday. .it may be mandatory!

By: Michael Huck, Agronomist, USGA Green Section

An article was recently published in *Southwest Trees and Turf* discussing how Clark County Nevada will soon be implementing water use restrictions on golf courses similar to those used in Arizona. It really is not surprising to me; in fact I feel we can expect more of these and other types of irrigation restrictions throughout the southwestern states as time passes. As more of these regulations come into existence it will become increasingly important that each drop of water applied to turf is done with as much precision as possible.

Tuning an irrigation system to maximum efficiency is important and it goes far beyond just adjusting the control system to a weather station reading, this is just the beginning. Other things to consider are:

Pump Efficiency - When was the last time you had your pump efficiency tested? Although this won't directly affect water use (unless there is serious pressure loss) it can have an impact on the bottom line with energy consumption. This should be checked annually so that wear and efficiency can be historically tracked. If you have not done this lately or don't know who to contact, give your electric company's commercial account representative a call as they often perform this service.

Operating Pressures - Starting at the pump station, are you operating at the pressure specified for the system? Are the VFD (variable frequency drive) or PRV (pressure reducing valves, Clay-Valves, etc.) set and functioning properly. If the pump station

checks out, move on to the sprinklers.

Many new valve-in-head sprinklers have built in adjustable pressure regulation devices. If you have a block system and the sprinklers don't have regulators then the remote control valves are where you set the operating pressure. Does your irrigation technician systematically check and adjust each and every head (or station in the case of a block system) with a pressure gauge and Pitot tube? This should be done annually as some model sprinklers are very sensitive to small variations of pressure. As little as 5 - 10 pounds above or below the specified pressure can significantly alter the sprinkler profile and destroy distribution uniformity.

Audit Nozzle Wear and the Effects of Heads Below Grade - Can you document the efficiency of application (distribution uniformity) or deterioration of it due to nozzle wear? Audit your system regularly and document the results. An annual can test of selected stations throughout the system will allow you to watch the efficiency of the system as it ages. You can also compare "new vs. old" nozzles or "factory vs. after market" nozzles. How much inefficiency is caused by sprinklers below grade? Do you raise your low heads often enough?

Calculating the Potential Savings - The center for Irrigation Technology has recently developed a new software program that not only allows you to audit the current efficiency of your system but to also project the cost savings the improvement in distribution

uniformity based on a scheduling coefficient will offer. The SPACE SIS program allows you to input the cost of water and energy and based on the savings calculated the payback of costs of improving the system.

Maintaining your system at maximum efficiency is strictly voluntary, at least for now. Someday documenting irrigation system efficiency may become mandatory, who knows. But why not be proactive, be part of the solution as opposed to the problem when it comes to saving water. Water wisely by taking good care of your irrigation system. /

GCSA of NC Meeting at Corral de Tierra

6/22/98 - Golf Results

Superintendent - Gross

1. Rich Scholes	77
2. Jeff Highton	79
3. Ken Williams	80*

Superintendent - Net

1. Bill Hagen	67*
2. Rick Key	67
3. Jeff Markow	68

Affiliate/Guest - Gross

1. Cordie Morgan	78
2. Rex Gentry	80*
3. Bruce Kenseth	80

Affiliate/Guest - Net

1. Jack Kincaid	70
2. Gilbert Wong	71
3. Steve Franzen	73*

*Denotes tie-breaker rule used

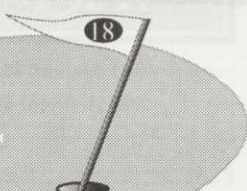
ROYAL Turf Services, Inc.

Get The Royal Treatment
Custom Turf Care

Timothy L. King

(800) 505-TURF

Aerification • Fertilizing • Spray Apps.



Fully Insured  Free Estimates

A Cut Above



G R A H A M
REE SERVICE

Tree Surgeons and Consultants

(510) 843-1789

2735 San Pablo Ave., Berkeley, CA 94702
State License #689022

Job Notices

Assistant Golf Course Superintendent

Tilden Park Golf Course, is an 18 hole public course located above Berkeley hills among beautiful trees and surrounds. Renovation is under way for a new three tier Driving Range, Practice Putting Green, Cart paths. Phase II - New irrigation system, Tee renovation and major drainage work planned for 1999.

Must have previous golf course experience and QAC licence, preferable 2-3 year degree in horticulture related field, knowledge of Spanish helpful. Excellent benefits, salary negotiable. Position open immediately. Future advancement within the company to superintendent.

Send resume to:

Sam Singh, CGCS
Grizzly Peak and Shasta Road
Berkeley, CA 94708

Grow-In Superintendent

The Reserve At Spanos Park - Lodi, California

American Golf Corporation is seeking a qualified grow-in superintendent for The Reserve, a high end, 18 hole daily fee golf course presently under construction near Lodi, California. Duties will include oversight of all aspects of the grow-in process and the successful operation of the golf course, to include budgeting, maintenance of the course condition, personnel and resource allocation.

The Reserve will feature A-4 bentgrass greens with ryegrass fairways, tees and a new Toro LTC irrigation system. The course is currently in the finish grade stage of construction and is presently undergoing installation of the irrigation and drainage systems.

Requirements: At least three years experience as a golf course superintendent. Prefer new construction or growth experience with bentgrass greens. Please direct resume to Merritt Forman at:

American Golf Corporation
2951 28th Street
Santa Monica, CA 90405
Fax: 31-644-6163

Two Positions Available: Spray Technician and Golf Course Mechanic

Knowledge of golf courses and of golf course equipment. Salary 26-30K depending on experience. Benefits.

Must have a clean DMV record.

Mail Resume To:

Royal Turf Services, Inc.
P.O. Box 273678
Concord, CA 94527

Phone calls accepted: 1-800-505-8873

Both positions available immediately

Assistant Golf Course Superintendent Summitpointe Golf Club

Qualifications: Detailed and goal oriented individual who has the ability to motivate, train and effectively lead our team to excellence. Degree in turf related field with one-year experience leading a crew. Must have QAC, computer knowledge.

Benefits: Health, dental, eye, 401K, vacation, membership dues and seminars paid. Competitive compensation based on experience.

Send Resumes to:

Summitpoint G.C.
1500 Country Club Drive
Milpitas, CA 95035
Attn: Cliff Rourke, Superintendent

Did You Know?

Ali Harivandi is still looking for used Golf Carts?
See page 8 for details.

Landscape Pest Control Services, Inc.



Allen Tunberg
Pest Control Advisor and Operator
P.O. Box 1166
Pleasanton, CA 94566

Rodent Control Specialists

(510) 426-8461

State License No. 05647



For Deep Drill Aerification in just one day Call the Pros!
FM 24 - Drill & Fill Aerification System
Complete soil amendment fill up to 8"
Changes soil profile up to 5% ea app.
Penetrates Hard Pan

FM 60 - Deep Drill Aerification System
Drills up to 10"
Penetrates Hard Pan

To Schedule Demonstrations or Service Call:

Larry Lane - (800) 994-0004 or
Bay Area - Mike Willis - (707) 553-9540