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OUR OBJECTIVE: The collection, preservation, and dissemination of scientific and practical knowledge and to promote the efficient and economical maintenance of Golf Courses.

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MESSAGE FROM YOUR PRESIDENT

Well friends, this is it...my last President's Message. In each issue, I have tried to provide you with information as to what is going on in the industry, and also to cajole and provoke reactions. If the innuendoes have reached at least some of you, and it has helped you to be more creative, innovative, and risk taking, then the efforts have been worthwhile.

The past year has been most successful one for myself and the Board of Directors. As I hand over the gavel, I can look back on the hard work your Board and several committees have completed in order to make this a more viable organization for all of us. Many new programs became realities this past year: An Information Referral Service to provide information and assist those in need; The initiation of a Scholarship Program to foster help for needy students; The year-end SIGGA drawing, with several members winning travel vouchers to destinations of their choice; the partaking in a research program which will benefit each of us in the future; A Pre-study session for those members desiring to improve their membership status; Some well organized and timely meeting programs to help members deal with the drought; The fall GCSANC/ GCSAA two day seminar on golf course construction techniques--an outstanding success; An advanced registration system to streamline the growing monthly meetings; Improvements to text and content of our newsletter; The state magazine "Golden State Fairways" finally becoming a reality; Improved relations and communications with allied associations; And a Junior Golf Tournament, promoted by GCSANC, firmly in place. Your Board, and especially the many fine people who have served on the many committees, deserve all the credit. The ideas, brainstorming sessions, and long hours have been rewarded with the above programs, with yet more in the planning stages. Personally, I wish to thank each and every one of you who have helped to make it all happen.

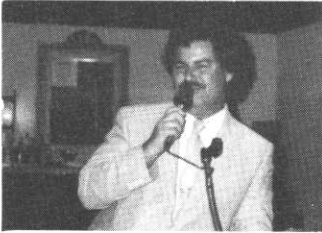
Paul Dias

What do all these actions mean to you, the member? It means that GCSANC is on the move! It means that you, the professional golf superintendent, will be reaping the benefits of recognition for your chosen profession. The interaction, the programs, and the exposure for us as an organization, will continue to enhance and make visible our image as true turf professionals. My favorite word "telesis", meaning "progress intelligently planned," fits well here. I encourage each of you to get involved, and to challenge this association to continue on toward realizing the potential of the future! We will all benefit immensely.

Thanks for the opportunity to be a part of all this...

Paul

PS: My first draft of this message of Pulitzer quality. . . unfortunately I had my first real experience with a computer freeze up, and thus lost all of it. What a way to finish!



NAUMANN'S NORCAL NEWS

Lalo Pacheco is the new Supt. at Franklin Canyon Golf Course in Rodeo. He has been elevated to that position from the Assistant Supt. position, which he has held for many years. Lalo is replacing **Sam Singh** who as a Regional Supt. for American Golf, has moved his office to Mountain Shadow Golf Course in Rhonert Park. His move in no way alters **Dave Smith's** position as Supt. at Mt. Shadows...**Al Mooser** has accepted the Golf Course Operations Manager position with the City of Manteca. Al was the Supt. at Plaza GC for the the City of Visalia prior to the move...**Leonard Theis** has left Ancil Hoffman Golf Course in Sacramento to become the Supt. of 27 holes for the City of Modesto. Within a year he will also oversee the construction of an 18 hole course in order to expand his responsibilities, **Rich Sizelove** has accepted the Supt. position at Ancil Hoffman Golf Course replacing Leonard Theis. Rich was the assistant there before his promotion...**Bob Sensemay** has left San Luis Country Club to become the new Supt. at Columbia Edgewater Golf Course in Oregon...**Joe Goldbronn** is the new Supt. at Cypress Lakes Golf Course at Travis AFB. He was the assistant at Green Valley Country Club prior to his move.

A LOOK AHEAD

April 11 Palo Alto Golf Club
 May 1 Rossmoor Golf Course
 May 21, 22 Calif. State Annual Meeting
 San Diego, CA
 June Discovery Bay
 July 24 Jr. Golf Tournament-SantaClara
 Golf and Tennis Club
 July 27 Sharon Heights G&CC-Supt.-Pro
 Tourney
 Aug.25 Salinas Fairways Golf Club

IN MEMORIAM

Ken Stohl, was a member since 1953. He was employed by Bay Rubber Company in Oakland and California Toro. In 1964 and 1965 he was the Superintendent at San Geronimo Valley Country Club in San Rafael. In 1966 he went to the City of Pacifica as Park Superintendent. In 1967 he worked at Orinda CC as the Superintendent until he retired in 1976. He received his 25 year pin in 1973 from GCSA of Northern California. He also took his examination for the Certified Golf Course Superintendent qualification from the GCSA of America in 1973 and passed. Mr. Stohl is survived by his wife Bernice, 160 Ardith Drive, Orinda, CA 94563.

STUDY SESSION RESULTS

March 2 marked the first ever GCSANC study session. For those of you not familiar with this new program, it was instituted to help our members who are qualified to take their classification upgrade exams. Like most people, we all have certain fears when it comes taking exams. The program was designed to help prepare our members for their exams while removing some of those fears. I am happy to say we had eleven participants in attendance of which nine passed their exams. They include the following:

Class A: Pete Sandoval, Dave Vaught; Class B: Rex Thrasher, Denis Smith, Ken Schwark, Scott Lewis, Steve Ryan, Ty Abraham, Doug Poole.

Congratulations to these members. Their concern for their advancement in our Association is admirable. By all accounts I think the program was a great success and I look forward to helping other members in the future. Another class will be given in 6 months. Please call the office (209) 523-7141 for more information. Once again CONGRATULATIONS.

Mike Garvale, CGCS, Membership Chairman

DROUGHT INFORMATION AVAILABLE

The University of California cooperative Extension in Alameda County has compiled a package of information pertaining to efficient turf and landscape irrigation. Send a self-addressed, stamped 9"x11" envelope with \$1.00 postage to:

DROUGHT, UNIVERSITY OF CALIFORNIA
COOPERATIVE EXTENSION, 224 W.WINTON AVE.,
ROOM 174, HAYWARD, CA 94544.

Future GCSAA Conference and Shows:

1990 February 19-26 Orlando, Florida
1991 February 4-11 Las Vegas, Nevada
1992 February 10-17 New Orleans, Louisiana
1993 February 15-22 Atlanta, Georgia

As of July 1, 1989 the new educational pre-requisites for entry into the Certification Program will go into effect. At that time, applicants must have completed one year of college or one-half of GCSAA's Division 1 CEC curriculum to be eligible for Certification.

PESTICIDE SAFETY CHECKLIST

- Store all pesticides in a well-ventilated space that can be locked, has tightly barred and boarded windows, and is well marked to alert firefighters and others.
 - Store herbicides separately from other pesticides.
 - Check periodically for leaking containers.
 - Always keep pesticides in their original containers rather than relying on memory for safety precautions, antidotes and directions for use. Safely dispose of all unlabeled pesticides.
 - Check the label for signal words and precautioning what protective equipment and clothing to wear.
 - Clean and maintain protective equipment regularly, start each spraying day with clean spray clothing.
 - Throw away rubber gloves that have holes in them, even if they are tiny.
 - Wear adequate footwear. Leave pant cuffs on the outside so pesticides will not run into the footwear.
 - Have sawdust, vermiculite, kitty litter or another absorbent on hand to soak up spills.
 - Watch the sprayer tank when filling it so that it will not run over and spill onto the ground. Install a check valve to prevent back-siphoning into the water supply.
 - Do not drain leftover spray mixtures onto the ground.
 - Discard old high-pressure hoses instead of patching them.
 - Clean nozzles with a brush or by rinsing not by blowing them out with your mouth.
 - Rinse empty liquid containers at least three times and dump the rinsings into the tank.
 - Keep used containers in a storage area until disposed of; puncture, break or crush nonburnable containers so they cannot be reused.
 - Before leaving a job, collect all containers which need to be disposed of rather than leaving them on the job.
 - Keep spray equipment where children cannot play on it.
 - Release pressure on the equipment so spray guns cannot be triggered accidentally.
 - Check for the possibility of showers and damaging runoff before application.
- (Reprinted with the permission of Grounds Maintenance magazine.)

Members Today-30 day waiting period up

Class D

Daniel A. Giammona, Sharon Heights G&CC
A. Mick McBride, Jr. Spanish Bay

Class F

Donald D. Radford, Asst. Director of Parks, City of South Lake Tahoe, Ca

Craig Stenehjerm, R.V. Cloud Co. Campbell

Class A

D.J.(Donald) Pakkala, Pebble Beach Co.

Class F

Richard McAllister, Rancho Solano GC

Current-30 day waiting period

Class D

Fred Burns, Wilcox G&CC, Red Bluff

Gary Feliciano, Corral De Tierra CC, Salinas

John Castillou, Jr. Sequoia Woods CC, Arnold

Class B

Robert W. Leas, Supt. Hidden Valley CC, Middletown

Class F

Alex Rohoza, Turf Consultant

OUR HOST AND HIS COURSE FOR APRIL

Our host Superintendent, Paul Dias, CGCS, began his career while still in high school under the tutelage of George Santana. Many hours were spent behind walking mowers (unheard of by some maintenance staff members in the business), putting out sprinklers for a quick coupler irrigation, and working the golf shop. While in college, Paul partook of a maintenance position at Palo Alto Hills and from there went to Saratoga CC as Superintendent until 1980. After a brief hiatus from the golf business, and on the recommendations of Bob Ford, then of Los Altos Hills, Paul applied for and was accepted for the job at Palo Alto. His position includes the Golf Maintenance Operations and Vendor Contract Administration.

The Palo Alto Municipal Golf Course was constructed in 1956 by Billy Bell Jr. The course was built on a former marshland area, and little or no fill was incorporated. From the start, the facility was immensely successful and popular with the golfers. The most prevalent stories were of the wood chips spread in the areas between the fairways. This was done in the winter to keep the mud off the golfers shoes.

Today, these same wood chips are in their

original state below the soil surface, preserved and petrified due to the intense salt levels.

Despite the overwhelming obstacles, Mickey Haug, Paul's predecessor, had in constructing and growing in the course, the facility continues to pack them in, averaging 108,000 rounds a year. Other than a 30 year old irrigation system with just 60 pounds of water pressure, and the fact that the salt levels defy soil testing standards, the existing turf of seaside bentgrass thrives in the dense thatch that has accumulated over the years. The 10th and 18th fairways were completely reconstructed in 1976 utilizing sand dredged in from the Alameda side of and brought in on barges. The 3rd, 10th, 17th and 18th greens were rebuilt utilizing straight 10-70 sand. All of this new work was done by the Robert Trent Jones firm, and thus the character of old and new designs can be seen upon playing the course.

RIDGEMARK GOLF RESULTS

Gross

1st Dave Hayes	72	\$35
2nd Scott Lewis	73	\$25
3rd Mike Garvale	75	\$15
4th M. McBride	77	\$10

NET

1st Ron Rodgers	65	\$35
2nd Ibsen Dow	67	\$25
3rd Jim Ross	67	\$15
4th Dwight Denno	69	\$10

51

SUMMER INTERNSHIP/JOBS 1989

The purpose for summer internships is to provide work experience opportunities in turfgrass managements; golf course development and maintenance to U.C. Davis students. College students with academic and/or career interests in golf course management will be seeking work experience opportunities for this summer-1989.

If you are interested in providing a position, please submit a position description to: (indicate pay rate)

Cliff Rourke

Riverside Golf Course

P.O. Box 13128

Coyote, CA 95013

(408) 463-0558

Students will be placed on your payroll. Students may, depending on the educational opportunities of the work experience provided, persue academic credit for their experience.

CANDIDATES

PRESIDENT

GILBERT BIBBER (PETE)

GOLF COURSE: DELMONTE GOLF COURSE

YEARS MEMBER GCSANC: 10



EXPERIENCE: I have attended 2 of the 5 year program. I have attended all of the turf related and management seminars that have been presented by USGA, GCSANC as well as the GCSAA.

CANDIDATES STATEMENT: To continue to improve and provide support for the local, state and national associations on the educational and research levels. With the support of the Board of Directors and past presidents, we must continue to set our goals high.

VICE PRESIDENT

JOSEPH RODRIQUEZ, CGCS

GOLF COURSE: ROSSMOOR GOLF COURSE

YEARS MEMBER GCSANC: 9



EXPERIENCE: I have been the Superintendent at the Rossmoor Golf Courses since 1978. Prior to that, I was the Chief Gardener Contra Costa County in charge of all the landscaped and turf areas within the county's jurisdiction. I have been involved in the Horticulture industry for 30 years. I have been a member of the Board of Directors since 1986 and in the past year served as Secretary/ Treasurer. Also a member of an advisory council titled, Horticulture, ~Hiring the Disabled. My education includes a degree in Ornamental Horticulture from Diablo Valley College, Management Certification from Los Medanos College and a Bachelors degree in Management from Saint Mary's College. I also possess a State contractors License for landscaping.

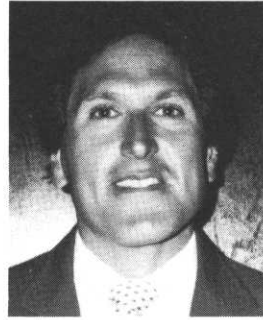
CANDIDATES STATEMENT: Serving on the Board and as Secretary / Treasure these few years has been an enlightening, frustrating and very often an imposition on my time, however it has also been a rewarding experience. I feel that much has been accomplished to further the cause of the association during this period, but there is much more to be done. I like the opportunity to continue to serve the membership and would like to see more members involved at all levels. Our members are one of our most valuable assets and as such they should be utilized. What I have to offer, is my experience and the belief that one person can make a difference.

SECRETARY/TREASURER

MICHAEL GARVALE,CGCS

GOLF COURSE: PALO ALTO HILLS CC

YEARS MEMBER GCSANC: 4.5



EXPERIENCE: President Northern Michigan Turfgrass Managers Association 1984. I have been a member of GCSAA since 1976. I have attended 9 GCSAA National Conferences and taken several GCSAA seminars.

CANDIDATES STATEMENT: I am interested in continued growth and professionalism of GCSANC. I feel it very necessary to continue the continuity which has been established over the last year. With our present growth rate, I feel that the leadership has shown tremendous strength and I would like to continue to aid in that growth.

BOARD OF DIRECTORS

JEAN LaDUC

GOLF COURSE: VETS' GOLF COURSE

YEARS MEMBER GCSANC: 3



EXPERIENCE: Graduated with a BS degree in Agricultural Education from Oregon State University; I have my PCA License; I have attended 2 GCSAA National Conventions . Some of the seminars I have attended include Irrigation Design and Management, Golf Course Construction and Project Management. I also completed the Department of Water Resources Water Conservation Management seminar . I have served on three GCSANC committees this past year and presently working as the Thru the Green Newsletter Editor.

CANDIDATES STATEMENT: The GCSANC is a dynamic, goal-oriented organization. I want to be a part of this association and help in continuing and improving the progress which has been made in promoting the golf course superintendent.

MIKE McGRAW:

GOLF COURSE: Seascape GC

YEARS MEMBER OF GCSANC: 2



EXPERIENCE: I have attended 9 of the last 10 GCSAA Conferences and have completed many GCSAA seminars including: Personal Management, Golf Course Irrigation Design, Water management, Fleet Golf Car Management, Budgeting and Forecasting, Accounting Techniques, and Food and Beverage Operations. I attended Cal Poly SLO and studied Ornamental Horticulture from 1975-1978 and earned my degree in Ornamental Horticulture from Allen Hancock College in 1980. I served as the Golf Course Superintendent at Santa Maria CC for 8 years before moving to Northern California.

CANDIDATES STATEMENT: In my eleven year Golf Course Superintendent, I seen members of our profession make great strides in recognition, financial compensation, responsibility, and respectability in the golf community. Our local, state, and national superintendent's associations have much to do with these positive changes. I have been privileged to serve on the GCSACC Board for 7 years and the CGCSA Board for 3 years and am now very enthused about the possibility of serving GCSANC Board. If elected, I will work to keep this association headed in a direction consistant with the wishes of the membership.

STEVE GOOD

GOLF COURSE: NAPA MUNICIPAL GC

YEARS MEMBER GCSANC: 4



EXPERIENCE: Having been born and raised around the golf industry as my father has been Golf Professional, course owner-operator, for 45 years, I was exposed to all phases of golf course operations from working on maintenance crews in Junior High School through college, 12 years as a Golf Professional, owner/operator of golf courses and driving ranges, to the last 4-1/2 years as Superintendent at Napa Municipal. I have had three years of college, four years in the U.S. Air Force, and have attended various GCSAA seminars and concurrent educational sessions, USGA- NCGA area seminars. I have served on NPGA Assistants Board of Directors 1972-1974.

CANDIDATES STATEMENT: It is an honor and privilege to be nom inated to have the opportunity to serve on your Board of Directors. With most of my career being exposed to all aspects of the golf industry, I feel I could use this experience to help the GCSANC continue on a more positive and productive road and continue to make our organization a stronger, more visable and respected association. I look forward to the challenge and the opportunity to serve the members of the GCSANC.

ROSS BROWNLIE

GOLF COURSE: SHARON HEIGHTS G & CC

YEARS MEMBER OF GCSANC: 5



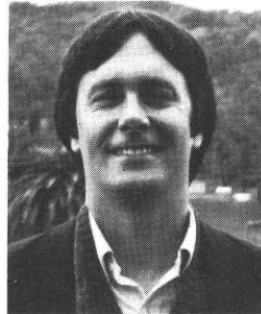
EXPERIENCE: I started my golf course career at Peninsula G& CC in 1977 under Fred Mays. While working at Peninsula I was involved with the NCGA Intern Program for two years. I am currently the Superintendent at Sharon Heights where I have held this position for two years.

CANDIDATE STATEMENT: I have been a member since 1983 and feel it is time to give something back to the organization.

JIM HUSTING

GOLF COURSE: WOODBRIDGE CC

YEARS MEMBER GCSANC: 5



EXPERIENCE: I attended Cal Poly SOL from 1981-1983 where I received a 2 year technical degree in Ornamental Horticulture; emphasis in turfgrass management. I have attended GCSAA and GCSANC seminars some which are: Computerization of Golf Course; Golf Course Design Principles; Golf Course Construction and Project management; Irrigation System Design and Management. I started at San Luis Bay GC in Avila, CA where I was assistant under Al Glaze. I went to Green Hills CC in Millbrae in 1984 to be Corey Eastwood's Assistant. I accepted the position of Golf Course Superintendent at Woodbridge G & CC in 1987.

CANDIDATES STATEMENT: I was surprised and honored to be considered as a candidate for our organizations Board of Director's. I would like to serve our organization in anyway possible. I will take an active role in committees and studies that I may be appointed to, if elected.

PETER J. GALEA, CGCS

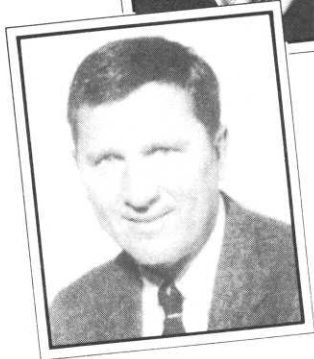
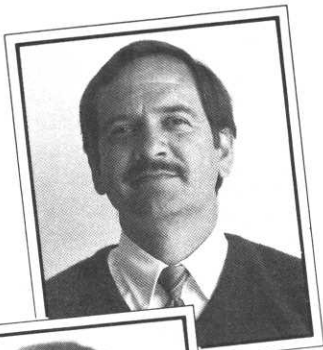
GOLF COURSE: CRYSTAL SPRINGS GOLF CLUB

YEARS MEMBER GCSANC: 7



EXPERIENCE: I have worked at Palo Alto Municipal Golf Club, and The Bay Hill Club, Orlando, Florida. I have attended 4 National Conferences and completed 8 seminars. I am the originator of the chapter's Distinguished Service Award and "hole-in-one Insurance." I am serving on the annual audit committee of the Chapter's Finances and have volunteered to lobby for legalization of the White Amur (grass carp) in California.

CANDIDATES STATEMENT: I feel it is an honor and a duty to serve the organization. I will work to keep it strong and serve the best interests of the membership.



**Richard H. Molinar
and
Pavel Svihra**

Controlling weeds in ground cover

Ground covers are an important feature in landscape design. They are planted for many reasons—beautification, temperature stabilization, erosion control, or suppression of weeds. A dense ground cover can give us a sense of beauty, but if certain rules of site management before and after planting are neglected, weeds might dominate the site instead.

Healthy and aesthetically pleasing ground covers are the result of four major processes: preplant soil treatment, application of preemergence herbicides, use of postemergence herbicides and cultural practices.

Preplant Soil Treatment

Fumigation with metham (Vapam) or methyl bromide provides excellent control of many weeds, insects, disease pathogens and nematodes. However, watch for certain temperature requirements when using fumigants.

Solarization utilizes solar energy captured under polyethylene plastic as lethal heat for some weeds. The plastic must remain for at least six weeks during June, July or August on a previously-prepared planting site.

The sprinkle-sprout-spade/spray technique stimulates the germination of weed seeds, first, by sprinkling water over the area. The new weeds are then killed by shallow spading or herbicide spray. Several repetitions of the process can destroy up to 90 percent of the weed seeds in the top half-inch of soil.

Preemergence Herbicides

EPTC (Eptam) has registration on ajuga, gazania, hypericum, ice plant, ivy, pachysandra, vinca, sedum and ornamental strawberry. It controls nettle, fleabane groundsel and other weeds. It may provide some control of nutsedge. Its residual is six to eight weeks. A very volatile compound, it should be watered immediately.

Trifluralin (Treflan, Pre-Seeder Weeder) has registrations on ivy (Algerian, English, California and Needlepoint) gazania, hypericum, ice plant, myoporum, trailing Africa daisy, sedum, verbena and veronica. It controls oxalis, bindweed (partially) and other weeds but misses malva and mustard nettle. The residual is four to six weeks. Its volatility requires immediate watering after application.

DCPA (Dacthal W75, Lily-Miller, Weed Preventer) has registrations on alyssum, candytuft, cinquefoil, ivy

(Baltic, Boston, English and Wilson), juniper, lantana, pachysandra and sedum. DCPA controls dandelion (seed), shepherdspurge and other weeds, but misses henbit. It offers some control of spurge. It has a residual of two to three months and requires water incorporation within seven days. DCPA is also one of the safest to ornamentals.

Oryzalin (Surflan) has registrations on coyote bush, trailing African daisy, fatsyhedera, gazania, ice plant, ivy (Algerian and English), juniper, lily-of-the-Nile, myoporum, periwinkle and sedum. It controls spurge, malva, oxalis (partially) and other weeds, but misses mustard and dandelion (seed). It has a residual of up to eight months and must be watered in within 21 days.

Napropamide (Devrinol) is registered for use on ajuga, carpobrotus, dichondra, gazania, Hedera ivy, hypericum, ice plant, lantana, osteospermum, pachysandra and vinca. Devrinol controls tumbleweed, sowthistle, filaree and other weeds but misses henbit. It has a residual of two to four months. It must be watered in within two to three days. Fifty percent photodecomposition occurs within four days.

Diphenamid (Enide) is registered on Algerian ivy, baby tears, carpet bugle, cinquefoil, coyote bush, dichondra, gazania, ice plant, juniper, periwinkle and sedum. It controls groundsel, filaree and others but misses shepherdspurge and dandelion seed. It has a residual of three to six months. There is some leaching, basically on sandy soils. The product also has some postemergence activity.

Bensulide (Betasan, Super Pax, Scotts) is economical for grass control in ajuga, alyssum, candytuft, gazania, hypericum, ice plant, ivy, juniper, pachysandra, periwinkle, sedum and star jasmine.

Oxadiazon (Ronstar) has crop tolerances for ajuga, ivy (Algerian, English), eunomyus, vinca, pachysandra, sedum, osteospermum and carpobrotus. Care must be taken that the foliage is not wet when the compound is applied. Oxadiazon is weak on chickweed and oats.

Elanco XL is a granular combination (Surflan plus Balan) with registrations for use in arctotheca, trailing African daisy, gazania, ice plant (large leaf, rosea and red trailing), ivy (English and Algerian), juniper, lily-of-the-Nile and hypericum. A wider