

PRESIDENT'S MESSAGE by John Engen, CGCS, Butte Creek C.C., Chico

Congratulations, Sohan, for the excellent meeting we had at Mt Diablo. Everything was just great--golf course was in tip-top shape, facilities, luncheon and the courtesy shown to all of us was superb.

Dr. Vic Gibeault did his usual good job presenting us with an interesting and enlightening educational session.

Remember the GCSA of America conference in Portland, Oregon is just around the corner. Now is the time to be thinking of any input you might want to have considered in the Advisory Committee. Contact any board member or better still come to our board meeting and discuss the items so they can be sent in to be on the agenda.

The Superintendents Institute at Asilomar is going to be held January 9 to 14th. Be sure to send in your reservation right away to Bill Davis, Dept. of Environmental Horticulture, University of California, Davis, CA 95616. I feel confident that there will be a full complement of superintendents this year and possibly some turned away.

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Norm Stewart, Contra Costa C.C., Pleasanton, summarizes Dr. Vic Gibeault's talk on the Effects of California Drought on Golf Courses.

Many counties this summer were affected by a severe water shortage. California may be faced with a shortage of water in the near future and placed on a limited water usage program

Saving water through efficient water control, some basic methods of approach:

1. When to irrigate
2. Amount of irrigation
3. Frequency of irrigation
4. Water Run off (lost water)
5. Relieve soil compaction due to heavy compaction thatch build up
6. Sun vs. Shade
7. Keep out weeds
8. Reduce use of high N fertilizers especially in summer
9. Know your soil type Sandy - Loam - Clay

There are 5 practices that should be considered. Let's call this our Year Round Management.

1. Mowing - Cool season grasses
Mowing height is very important to the species that you are concerned with. Raise the height of cut, for greater root development, better food distribution, more blade surface per plant
2. Fertilization - Cut down on fertilizer applications especially N with high N materials. You will receive more top growth and no root development.

3. Irrigation - infrequent irrigations are more beneficial than frequent irrigations
4. Rooting depths - Know Your species and its rooting potential
Examples to name 2 of each

Shallow Roots	Intermediate Roots	Deep Roots
Rye	Colonial Bent	Bermuda
Fescue	Kentucky Blue	Zoyzia
5. Aeration - without proper aerification, water is restricted from entering the soil, air and plant food, also this allows for soil gases that have been trapped to escape thru the open aerator holes

The selection of grass species to the local environment is real tough, especially drought and salinity.

Our thanks go out to Dr. Vic Gibeault for his informative talk. I am sure that Dr. Vic's talk has opened many eyes and ears especially to those who were not bothered by this situation, but maybe some day will be facing the same situation.

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Use of Mercury on the Golf Course by Bob Livesey, Editor

The Environmental Protection Agency has notified the Pro Turf Division of O. M. Scott and Sons that its three mercury-based products will be permitted to remain on the market. A major restriction is that they may be used only under the supervision of a Golf Course Superintendent on golf course tees, putting greens and aprons. The decision came after four years of hearings and negotiations.

Continued use of mercury for winter diseases will be strictly controlled. The mercury product will be classified as a restricted use pesticide. This will require Golf Course Superintendents to become certified pesticide applicators when their states establish the exam and qualification procedures for certification.

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WHAT'S BEEN GOING ON IN THE SOUTHERN SAN JOAQUIN VALLEY

Ron Wrest, who was at Auburn Valley, is at Ft. Washington C.C., in Fresno. Bob Dalton moved from Sherwood Forest GC at Sanger to the Visalia C.C. Glen Petree moved from Ft. Washington to Sherwood Forest.

The Pacific Women's Golf Association held their finals at Plaza Golf Course in Visalia. The Golf Course Superintendents of Central California held their annual Pro-Superintendent tournament at Plaza the 24th of Sept. A great day of golf with a barbeque after. This was the second year for this affair and it looks like it will get better each year.

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John Deming, Chairman, George Bell, Co-chairman, Don Lancaster, Bruce Watson and Rich Harrison. The program went as follows:

Maintenance of Irrigation Systems

1. Why Do We Water? - Donald Lancaster, Horticulture Advisor, Cooperative Extension Service, Hayward
2. Improving Water Usage Through Wetting Agents - Robert Simas Moyer Chemical Co., San Jose
3. Servicing Hydraulic Systems - Bill Spellman, The Toro Company, Phoenix, Arizona
4. Servicing and Repairing Heads - John Brewer, Johns-Manville, Denver, Colorado
5. Servicing Electrical Systems - Bruce Leibrock Griswold Controls, Costa Mesa
- 6 Systematic Trouble Shooting - Keith Braman Keith Braman & Associates, Santa Clara

REMINDER - Awards Dinner and Installation of Officers is scheduled for Thursday, December 9, 1976 at 7:00 p.m. at Spenger's Fish Grotto, located in Berkeley

Grady Simril, East Bay Regional Parks, Oakland

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CHALLENGE

or

DISASTER

Challenge - definition - an invitation to engage in a contest

Disaster - definition - extraordinary misfortune, calamity, catastrophe, an event or situation regarded as a terrible misfortune.

After six weeks I have not completely made up my mind at the present, for those who do not understand the meaning, let me tell you the story.

The Time - Mid Summer 1976
 The Place - Contra Costa Country Club
 The Temperature - 106° F
 The Wind - N-NW 15-25 m.p.h.
 The Area - Greens, Tees, Fairways
 The Culprit - Urea 45-0-0

After this short break down, I believe that you can figure out what happened, but let's go into a little detail to begin with

The Greens - which originally measured approximately 125,000 sq ft, we now have to resod approximately 30,000 sq ft, 3 greens will have to be rebuilt completely, even the young trees are gone.

The Tees - which originally measured approximately 65,000 sq ft now has been depleted to 20,000 sq ft, an extensive overseeding and top-dressing program will start October 1st.

The Fairways - total acres of fairways which measured 70 acres including the practice area, now is starting to recover from the damage after very heavy irrigation and aerating in an effort to leach the material out of the root zone of the existing turf, to complicate the situation a little more irritating, my irrigation water at the present time is 245 p.p.m. salt and is expected to go to 330 p.p.m. if we don't have some early fall rains.

So you can see from this short article that it is hard to make up your mind if you are confronted with a Challenge or a Disaster.

Norm Stewart, Superintendent, Contra Costa C.C.

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"ON THE SPOT" report of 4th Annual Turf & Landscape Irrigation Seminar

The Northern California Turfgrass Council in conjunction with U.C. Cooperative Extension, presented their 4th Annual Turf & Landscape Irrigation Seminar on Wednesday, 10/6/76, at the Oakland Hilton Inn, Oakland, CA. As you may recall, the first three seminars were held in Pacific Grove and were 2½ days' duration. But this year, the Committee wanted it in Oakland to try to get more of the working personnel to participate...and we DID! We had approximately 476 paid participants joining us from the northern border and from as far south as Fresno! The Committee included



1617 ST. ANDREWS DRIVE • LAWRENCE, KANSAS 66044
913 / 841-2240

TO: GCSAA Executive Committee
FROM: 1977 GCSAA Nominating Committee
RE: Affidavit of Nomination for 1977 GCSAA Election of Officers and Directors

After very careful evaluation of each prospective nominee's background, character, references and qualifications, it was unanimously decided to place the following candidates on the slate for election at the 1977 Annual Membership Meeting in Portland, Oregon.

For President:	<u>Theodore W. Woehrle, CGCS</u>
For Vice President:	<u>George W. Cleaver, CGCS</u> <u>Melvin B. Lucas, Jr., CGCS</u>
For Directors:	<u>Charles H. Tadge, CGCS</u> <u>Hobart T. Burgan, CGCS</u> <u>Edward Dembnicki, CGCS</u> <u>Louis D. Haines, CGCS</u> <u>David C. Harmon</u> <u>James A. Wyllie, CGCS</u>

(Two to be elected)

By the 1977 GCSAA Nominating Committee whose signatures appear below:

Clifford A. Wagoner, CGCS, Chairman	<u>Clifford A. Wagoner, CGCS/S.</u>
Paul E. Mechling, CGCS	<u>Paul E. Mechling, CGCS/S.</u>
Edward Roberts, Jr., CGCS	<u>Edward Roberts, Jr., CGCS/S.</u>
George B. Thompson, CGCS	<u>George B. Thompson, CGCS/S.</u>
Stephen N. Wilcoxon	<u>Stephen N. Wilcoxon/S.</u>

This is to certify that the above is a true and complete copy of the affidavit of nomination for 1977 GCSAA Election of Officers and Directors submitted to the GCSAA Executive Committee by the 1977 Nominating Committee on September 15, 1976.

George W. Cleaver
George W. Cleaver, CGCS
GCSAA Secretary, 1976

Date: 9/27/76

T H A N K S to these SUPPORTERS of "THRU THE GREEN"

AUTOMATIC RAIN COMPANY
3945 Bohannon Dr
Menlo Park 94025

BRADY-HOLMES COMPANY
2344 Auburn Blvd
Sacramento 95821

BROWN SAND INC.
874 E. Woodward Ave
Manteca 95336

H. V. CARTER COMPANY, INC.
1700 E. 14th Street
Oakland 94606

A. L. CASTLE OF STOCKTON, INC.
5700 Cherokee Road
Stockton 95205

R. V. CLOUD COMPANY
3000 Winchester Blvd
Campbell 95008

EWING IRRIGATION PRODUCTS
P. O. Box 2098
San Leandro 94577

GERMAIN'S INC.
4820 E. 50th Street
Los Angeles 90064

GRANITE ROCK COMPANY
Box 151 (SCA - 1070 Sand)
Watsonville 95076

L & V FARM SALES, INC.
P. O. Box 462
Newark 94560

MALLINCKRODT, INC.
P. O. Box 5439
St. Louis, Missouri 63147

MOYER CHEMICAL COMPANY
Specialty Products Division
1310 Bayshore Highway
San Jose 95108

NORTHERN CALIFORNIA GOLF ASSOCIATION
P. O. Box 1157
Pebble Beach 93953

OCCIDENTAL CHEMICAL COMPANY
P. O. Box 198
Lathrop 95330

PEN-GRO SALES COMPANY
233 Ryan Way - Box 2326
So. San Francisco 94080

PLANT GRO CORPORATION
P. O. Box 703
San Jose 95106

RAIN BIRD
7045 Grand Avenue
Glendora 91740

SHELTON TRANSFER SERVICE
Sand & Top Dressing Supply
1996 Old Oakland Road
San Jose 95131

SCOTTS PROTURF
244 Castillon Way
San Jose 95119

TORO PACIFIC DISTRIBUTING
1501 Adrian Road
Burlingame 94010

WESTERN LAWN - BENNIE'S INC.
146 South Blvd
San Mateo 94402

L O O K F O R Tom Caranci's article on Hawaii next month