

PRESIDENT'S MESSAGE

THE VALUE OF A SOIL TEST



BOB FORD

Many superintendents periodically have soil tests taken at their golf course to help them set up their fertility programs. By knowing the nutrient and PH levels of the soil, one can implement a better fertilization program.

Soil tests at the time of construction can also eliminate many problems. Soils or sands should be tested for gradation and water percolation rate. The case in point being two-three year old greens constructed from a common 30-50 sand. The sand was later

tested and did meet the guidelines of a 30-50 sand. The problem being, most of the sand was of a coarse nature. The percolation rate, under single compaction, was almost 300 inches per hour and at triple compaction it was just over 200 inches per hour.

The end result was to spend a minimal amount of money on a soils test and rebuild the greens with a better grade of sand and eliminate the sparse hard greens that would not hold water. A few dollars spent on a soils test could have saved three years of misery, \$15,000, and the inconvenience of reconstruction.



meetings

JANUARY 13 Green Valley CC, Suisun

**GCSAA's next Conference & Show:
LAS VEGAS - Jan. 29 - Feb. 4, 1984**

MAY 20 - 21 Calif. GCSA - Annual State Meeting-Rancho Canada, Carmel

DATE FRIDAY, December 2, 1983

PLACE RANCHO CANADA GOLF CLUB, CARMEL
 Take Hiway 1 South to Monterey continue on freeway to Carmel Valley turn left on Carmel Valley Road one mile on right

HOST LAWRENCE LLOYD, GOLF COURSE SUPERINTENDENT

9:30 a.m. - Golf Tournament (shotgun) Ladies too - West course
 3:30 p.m. - Crab Feed (optional)
 6:30 p.m. - Happy Hour
 7:30 p.m. - New York Steak dinner
 9:00 p.m. - Mike Marotta Band until midnight



GOLF will be a shotgun at 10:00 a.m., but check-in will be at 9:30 in the pro shop. Myrtle will be there. Prizes will be given for Superintendent low gross, Superintendent low net, Calloway Flight, Class F members, Guest Flight, Ladies flight. Contests will include hole-in-one, long drive, straightest drive and putting contest.

On your reservation card there is a place for Average Score and Handicap Please fill in one or the other. Average Score will be Calloway

PREFERENCE OF A FOURSOME - let us know when reservations are made not on the 2nd. No preference will be paired by committee.

N O G I F T E X C H A N G E T H I S Y E A R

Crab feed reservations will be allowed to participate one time through line. Plenty of crab and condiments will be available.

REMEMBER TO PLAY GOLF DINNER MUST BE ATTENDED

Price listed is per person - Member and spouse or 1 guest at members price, all others pay guest fee

Member Golfer w/dinner	\$38.00	Guest Golfer w/dinner	\$43.00
Member dinner only	\$25.00	Guest dinner only	\$30.00
Member crab optional	\$12.00	Guest crab optional	\$15.00

Advance reservations required Deadline November 25, 1983
 Monies not included with reservations - there will be an additional charge of \$5.00 per person collected at the door

Lawrence L. Lloyd and his wife Barbara



Larry is a native of the Napa Valley. He has worked on the Silverado Golf Course and took the superintendents job at age 21 on the Pajaro Valley Golf Course in Watsonville. In 1965 Larry went to work for Nick Lombardo at Del Monte Country Club. After 3 years Nick added the Fig Garden Golf Course in Fresno and put Larry in charge of both courses. Pajara Valley Golf Course was added to the chain as a lease property and Larry became a junior partner in the enterprise. The firm decided to build a new course in Carmel Valley known as Rancho Canada.

R A N C H O C A N A D A - Larry reports this information is old, but it is correct even at this time. This course is a 36 hole lay-out, designed by golf course architect Robert Dean Putnam of Fresno. Building was started in 1969 and the course opened for play in April 1970. The 'West' course is rated the third toughest course on the Peninsula. Rated 72.3. The length is 6,835 yards.

Larry Lloyd was the contractor on this project and states all equipment was rented by the hour. Three-quarter yards of dirt were moved. The sprinkler system is completely automatic. For the system Larry chose a Toro Moist-O-Matic system, consisting of hydraulic controllers, and all valve-in head gear-driven heads. The system includes 72 satellite controllers and 8 master controllers. Fifty-two miles of pipe were laid underground to service 2300 heads. Five hundred and forty thousand lineal feet of hydraulic tubing was used to activate the heads. The system is

AUTOMATIC RAIN CO - Willard Hayes 4060 Campbell Avenue Menlo Park 94025	BRAMAN PIPE & SUPPLY CO 1525 Walsh Ave Santa Clara 95050
BAY IRRIGATION & TURF SUPPLY 2041 Commerce Avenue Concord 94520	BROWN SAND, INC. 874 East Woodward Avenue Manteca 95336
KEITH BRAMAN, IRRIGATION CONSULTANT 21535 Stage Coach Road Los Gatos 95030	H. V. CARTER COMPANY, INC. 1700 E. 14th St -P.O.Box 12006 Oakland 94604

capable of irrigating 230 acres of turf in one night, throwing out 1,000,000 gallons of water. To supply this water, there are 4 wells, capable of delivering 650 gpm at 100 psi. The main pump is equipped with a variable speed turbine to meet fluctuating demands.

In order to build the greens and save money in the process, a local sand was used which was found in an old sandbar right in the middle of the course. The sand had all the graduations in the world including some awfully big rocks. The greens were made out of 100% of this sand without any amendments or drainage. The cover was Seaside Bent. In all, there is about 300,000 sq. ft. of greens surface. Two of the greens, however, are 22,000 sq. ft. monsters.

Fairways are a mixture of Chewings Fescue, Creeping Red Fescue, Highland Bent, and Common Kentucky Blue.

Since the course lays in the main drain channel of the canyons beyond, 5 bridges were constructed. The longest one 275 ft. long, and strong enough to support a load of carts parked end-to-end across the whole bridge. Each bridge is designed to withstand the onslaught of bad weather and washouts, and will not collapse. This is important, since in 1969 the devastating rains swept through that area and washed away 7 acres of land, which had to be brought back in by mechanical means. Three hundred tons of rocks in nylon netting now protect the riverbanks from washouts.

This past winter the Carmel River overflowed its banks for the first time since 1969. It was again devastating to the effect that we had approximately 50 to 55 acres that was covered with 4" to 4½ ft of mud and silt. Both courses were under water and closed for a total of 10 days. The West course was closed on and off for a period of 2 months. Our own crews with our own equipment did all the repairs and renovations. We lost a total of 5 greens and about 35 large trees, approximately 750 ft. of river bank was destroyed. The water was going over the bridges -- completely covered and they did not collapse.

In 1969 the East course was dedicated by the National Golf Foundation as the ten thousandth golf course to open for play in the United States. The East course was opened 45 days after the West course.

In January 1978 Laguna Seca Golf Club was acquired and added to the chain of management courses.



Board Briefs

Stanford Board Meeting

Passed Class A exam - Randy Furtado
Burlingame CC

Passed Class B exam

Richard Hansen, Oakmont GC
Santa Rosa

Kurt Krizek, Sunnyvale GC
Sunnyvale,

Certified Golf Course Superintendent
Gale Love, CGCS of GCSA of America

Welcome to

Class D

Robert Klinesteker, San Francisco
Golf Club

John Marquez, Palo Alto Hills CC
Golf & CC

Tony Richichi, Van Buskirk
Stockton

Class F

Larry Messa, City of Pleasanton !
Park Department !

Steve Pasalich, Pasalich Trucking !
Dillon Beach !

NORTHERN CALIFORNIA GOLF ASS'N
P. O. Box NCGA
Pebble Beach 93953

J. R. SIMPLOT COMPANY
P. O. Box 198
Lathrop 95350

P. E. O'HAIR & COMPANY
1333 Old Oakland Road
Sar Jose 95112

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

RAIN BIRD - Phil Vangene
6380 Benner Ct
Pleasanton 94566

REYNOLDS SALES - Steam Cleaners
1066 Polk Street
Salinas 93906

Transfer George Bell, Irrigation
Consultant from Class F to E

Robert Pedersen, replaces Bob
Bockoven, H. V. Carter Co.

For those of you who would like to know what business was conducted on your behalf at Stanford, here is a bried report. (this is being written because the majority of the people walked out of the meeting before it was completed)

GCSA OF AMERICA - Use your National and local travel agents for best conference results. The Headquarters is running well under John Schilling, new Executive Director. New six hour educational tapes are availabe. The Certification program is being upgraded.

CALIFORNIA GCSA - A State board meeting was held in Palm Springs November 11 and 12. Full support was given to Bob Ford for National Director. We are still looking for people to stay in the California hospitality room \$30.00 a night.

NEEDED new meeting sights and speaker. Contact Randy Gai at Claremont CC
415 654-8972

This years Christmas party has an optional crab feed for your enjoyment. Please make your reservations early.



Naumann's Norcal News

- by Don Naumann

Don Hoos, former USGA Western Region Director, has left the USGA to become the Superintendent at the Country Club of Oklahoma in Broken Arrow. Larry Gilhuly, Assistant Superintendent at Seattle Golf Club has accepted Don's vacated position and will soon be making calls in this area.

Tom Christy has given his resignation at Almaden CC in San Jose. Tom will announce his future plans at a future date.

Mark Francetic, the Assistant Superintendent at Almaden CC will be assuming the Superintendents position vacated by Tom.

Bill Huff from Saratoga CC and Randy Furtado from Burlingame are both putting in cart paths for the first time at their respective clubs.

Both John Lloyd at Marina GC in San Leandro and Henry Singh from Rancho Murieta CC in Sacramento are driving around in new trucks.

Frank Silva has left Sunset Whitney GC in Rocklin and is now the Superintendent at Auburn Valley CC. Paul Juberg, the former Superintendent at Auburn Valley CC will announce his future plans at a future date.

PASALICH TRUCKING Dillon Beach Sand-Rock-Gravel Dillon Beach 94929	SCOTTS PROTURF 3785 Vista Drive Soquel 95073
A. L. CASTLE OF STOCKTON, INC. 5700 Cherokee Road Stockton 95205	CHEM-SPRAY COMPANY P. O. Box 7805 Stockton 95207
COUNTRY CLUB SALES, INC. 3381 Vincent Dr Pleasant Hill 94523	WILBUR-ELLIS - Specialty Ag P. O. Box 568 Salinas 93902
EL CAMINO CROP SUPPLY, INC. 37342 Blacow Road Fremont 94536	EWING IRRIGATION PRODUCTS 2462 Polvorosa Ave San Leandro 94577

KING EWING, Honorary Member of the Golf Course Superintendents Association of Northern California was recognized as 1983 MAN OF THE YEAR BY LANDSCAPE AND IRRIGATION MAGAZINE.

King has been a member of GCSA of Northern California since 1948. He was voted as an Honorary Member in 1974 because of his sincere interest in the turf industry and for his dedication to advancing the golf course superintendent profession.

King almost single handed guided the Northern California Turfgrass Council for nine years and persuaded the University of California to establish turf plots at Davis.

Ewing Irrigation Products, as the company is now known, distributed Buckner Sprinklers in Northern California since the late forties. Some prominent irrigation people who worked for King are George Bell, Don Burns, Bob Steen, and Russ Mitchell. Susan, King's daughter and son-in-law Ray York became active in the business in 1963. King retired in 1974, but still keeps an eye on the business attending board meetings and remains in an advisory capacity.

KING EWING stands tall, not only in the irrigation industry, but to everyone whom he touched. We honor you, King.



FERRY-MORSE SEED COMPANY P. O. Drawer 7274 Mountain View 94042	GOLFCO - John Engen P. O. Box 501 Chico 95926
GOLF CAR WEST - CUSHMAN 2715 Lafayette Street Santa Clara 95052	INTERNATIONAL SEEDS INC. 820 First Street Halsey, Oregon 97348
JENKINS MACHINERY COMPANY 1848 Arnold Industrial Place Concord 94520	NAIAD COMPANY - Don Scott 7531 Homewood Court Pleasanton 94566



Golf Course Superintendents Association of America
1617 St. Andrews Dr., Lawrence, Kansas 66044



FINAL PLANS ARE MADE for the Certification Study and tests.

Dates - December 14, 15, 16, 1983

Where - Hyatt House, 1740 North First Street, San Jose 408 298-0300

Make your own reservation - Meals will be on your own

Golf Course Superintendents Association of America members will be the only ones that can become "Certified"

but

Anyone wishing to take the class is welcome. The fee for them will be \$25.

Classes will be held from 9:00 a.m. to 4:30 p.m.

Wednesday, December 14 - Ali Harivandi, University of California
Turf and Ornamentals

Thursday, December 15 - Clifford A. Wagoner, CGCS
Michael R. Clark, CGCS
Kenneth A. Sakai, CGCS
Knowledge of GCSA of America
Game and Rules of Golf
Turf Management
Plant Protectant Chemicals
Reports, Records and Budgets
Leadership, Delegation and Training

Friday, December 16 - Test will be given

CONTACT BOB FORD for Certification applications at 415 948-6232

Bob also has study materials that can be loaned

RE: CERTIFICATION SEMINAR AND EXAM

As outlined in this newsletter plans have been made to hold a Mini-seminar to help Superintendents prepare for the Certification exam.

To qualify for the exam an application for Certification with the \$50.00 fee must be sent in to GCSA of America IMMEDIATELY in order for Headquarters to process them.

To qualify for Certification an applicant must be a Class A member of GCSA of America, who has held this classification for 2 years and is currently employed as a Golf Course Superintendent.

It is urgent that you act now if you want to be included.

Get your application from Bob Ford, complete it, get the required signatures. Send it with \$50.00 to GCSA of America, 1617 St. Andrews Drive, Lawrence, Kansas 66044, notifying them you wish to take the exam on December 16, 1983.

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