

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

We seem to be having a run on excellent meetings. Those of you that have not been attending are really missing out. The meeting at Del Rio C.C. in November hosted by Cliff Wagoner was outstanding. Dr. John Madison, U.C. Davis gave us an enlightening presentation on How Water Quality Affects the Growth of Grass. We thank you John. The luncheon was just great. How can you beat barbequed prime rib for \$6.00. Cliff, everybody I talked to was impressed with your golf course. I couldn't find a flaw and the greens were excellent.

The Christmas party was a huge success. I would like to thank everybody who helped to make it a success and especially Larry Lloyd and Rancho Canada. Everything was just great.

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WATER AND SOIL By Bob Livesey, Editor

At our november meeting at Del Rio, Dr. Madison covered certain aspects of water quality. It is apparent that two things are a must, if we as Superintendents are going to do the job that is expected of us. One is Soil Anaylis and the other is water quality.

Can you look at a hand full of soil and tell what type you are dealing with? What is the PH? What mineral nutrients are available and in what quantities? This is what a soil analysis will do.

Quality of irrigation water depends generally, on the kind and amount of salts that are dissolved in it. This means that we must have a laboratory analysis of our water to appraise water problems.

What should we analyze for? Five things that are important. These were brought out in Dr. Madison's talk. Electrical conductivity or ED., calcium plus magnesium, sodium, carbonate plus bicarbonate, and boron.

You can see that soil and water analysis go hand in hand. These are just two of the tools we have to work with.

If you don't know what kind of soil and water you have, you can see why the cost to rectify some of the problems that arise is so high.

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WALTER R. BOYSEN, Green Committee Chairman, Oakmont, Santa Rosa writes MIKE CLARK, CGCS of Oakmont Golf Course in Santa Rosa, recently saved the life of a resident member who suffered a heart attack while on the practice range. Mike happened to be nearby when the attack ocured and immediately applied artificial respiration and resuscitation measures until the ambulance arrived. Attending physicians at the hospial praised Mike for his efforts and stated that he definetly saved the man's life.