CONGRATULATIONS to Sandu for a great meeting at Orinda CC. Even though Sandy has only been at Orinda a short time, you can see his club already has a lot of respect for him. I have always felt that a good successful meeting at a club is in a way, a tribute to the Superintendent; otherwise they wouldn't go all out for him the way they do.

The program on tree problems was enlightening to me. I don't know about the rest of you, but I have concentrated so hard on turfgrass through the years that most of the tree problems have slipped by me. Keep these good programs coming Cliff. I have always felt that Cliff Wagoner would do an excellent job as program committee chairman. After talking to Cliff on some of the ideas he has for the coming year, new meeting places and new programs, I'm sure I was right. In our business, as it is in so many others, continued education, that's the name of the game.

)()()()()()()()()(

LA RINCONADA COUNTRY CLUB is an 18 hole golf course. There are lakes on hole numbers 11, 14 and 15. Aubrey will tell us more at the meeting.

Aubrey has been a member of GCSA of Northern California since 1934 and took time out to serve his country from 1941 to 1946. The Association disbanded and started again in 1946. He has held the office of secretary in 1949, president in 1966 and worked on the program committee. He has been at La Rinconada since 1969. He is also a GCSA of America member and loves to play golf. He was tournament chairman in 1968 when the GCSAA tournament was played on the Monterey Peninsula prior to Conference in San Francisco.

)()()()()()()()()(

PROGRAM AT ORINDA COUNTRY CLUB - by Bob Livesey, City of Visalia

Doug Hamilton and Dr. Carl Koehler had an excellent program. It was a shame that there was not enough time to cover the tree management and insect problems a little deeper. Some of the questions from the membership, brought out information that many of us have been pondering about for some time. There were several conversations after the program on this subject. When a club starts on an extensive tree planting program they very seldom consult with the superintendent. The maintenance program that we have on the golf course is quite different than the tree committee has in their yard. The superintendent should get with his farm advisor and work up a list of trees for his area and present this to the tree committee for their selection. The Farm Advisor can be of great help. Lets use him.

SURVIED OIL SPILLAGE ON THE GREEN - by Kay K. Sakakihara, Carmicahel Park Maintenance, Supervisor I, Ancil Hoffman Golf Course

I arrived at work at 5:20 A.M. and was informed the the Greensking Triplex had a broken hydraulic line the day before in the morning. It had occurred on Green #5 right through the middle of the Green, about 70 ft long, four inches wide, made a turn and came back on the Green for 25 feet before the operator saw smoke rising from the motor, so the operator backed off the Green. I went to inspect the Green #5, and there it was, hydraulic oil spillage just exactly the way the operator described it. Looking at this Green, many thoughts went through my mind: Ladies' Spring Fling two weeks away, Men's Senior Citizen three weeks away, and our Pro-Am two months away. What can we possibly do but resod. I recalled an article I had read, a product that could be used in a number of ways. One of them was to take hydrocarbon material off a mechanic's hands. I tried the product many times and it really worked for my hands. If this product can take grease and oil off my hands that easy, then why can't it take the hydraulic oil off the Bent Grass? I told my Superintendent about it. He said at this stage you can't hurt it much more , so he gave me the green light to try it.

I took a gallon and a half Hudson Sprayer and mixed about five ounces of Adjuvant to a gallon of Warm water, washed the hydraulic oil spillage area until suds started coming up. I pumped the sprayer up very hard so that there would be a lot of force as the mixture came out of the nozzle. This way, the force would move the grass back and forth. I had a Greens Maintenance Man following after me washing the affected area with water using a 3/4" hose. We did this twice and there were suds all over. Later turned on the sprinkler for about five minutes. After two hours passed, we went to look at the affected area and I rubbed my hands over the grass, there wasn't any oily feeling on my hands anywhere on the Green.

Six days passed and no damage to the Green. Ten days and still no damage. On the fourteenth day a narrow line of dead grass started to appear, about the length and width of a pencil in short streaks. This extent of turf damage we can live with, as compared to four inches wide and seventy feet long, plus another twenty feet that could have happened. If we took action to wash the turf down right after the hydraulic line broke, I'm positive there wouldn't be any damage to day. I was not at work the day the accident occurred so the washing of the turf was twenty four hours after the hydraulic spillage. From the looks of the Green, no major damage has occurred.

I wanted to share our good luck with anyone that perhaps could use this type of information.

The product we used to wash the turf was AMWAY'S ADJUVANT with LOC, 5 ounces to one gallon of warm water.

GOLF COURSE CHALLENGES IN MALAYSIA - by Robert Muir Graves Golf Course Architect, Walnut Creek

Just returned from my most recent visit to East Malaysia (northern portion of Island of Borneo) where I inspected a just-opened, 9-hole golf course that I designed on the Island of Labuan. Also checked rough grading work on another of our 18-hole courses near Kota Kinabalu, capitol of the State of Sabah.

It is always bloody hot there and extremely humid--often 95 per cent plus, but after awhile you get almost used to it. They will average 5 to 10 inches of rain per month and around 100 inches per year. A tropical thunderstorm puts on quite a show, particularly if you are flying in its vicinity.

In addition to the usual problems encountered on a golf course project, in Malaysia you must be on the alert for pythons and cobras. In West Malaysia where we recently completed preliminary golf course plans for a new project, our concerns while on-site were for tigers, wild elephants and occasionally communist guerillas. Worst that happened to me was a blood-sucking leech that attached himself to my leg, drank his fill and dropped off.

It is a land of contrasts for the westerner. Some of the grading work is done with the usual heavy equipment and at other times by women carrying wicker baskets.

Although we have tried several varieties of Bermuda with some success, the Malaysians often prefer to use their native grasses. We will probably use Tifgreen for greens and common Bermuda for fairways at Kota Kinabalu. But, undoubtedly, some "Cowgrass" will be used for the rough and will end up in fairways. Cowgrass looks just like it sounds—very coarse, broad leaves, but it is extremely tough and drought—tolerant. Gives a golf ball a pretty fair lie when properly mowed.

)()()()()()()()(

GOLF COURSE SUPERINTENDENTS ASSOCIATION OF AMERICA

"50 YEARS OF PROGRESS" is the theme for the Golden Anniversay Celebration hosted by the Sylvania Country Club, Sylvania, Ohio. Highlight of the ceremony will be a GCSAA plaque, cast in bronze, permanently mounted on a large stone to commemorate GCSAA's founding at Sylvania C.C. The inscription will read "Birthplace of Golf Course Superintendents Association of America. Founded as National Association of Greenkeepers of America. September 13, 1926, Sylvania Country Club."

AMERICA'S BICENTENNIAL YEAR - by Jack Baker, H. V. Carter Co., Inc.

Here in our great land where traditions are an accepted way of life, we single out 1976 for a special tribute. In 200 years through History, now almost a forgotten or misplaced subject in our educational institutions, we know that we have steadily progressed in so many fields, music art, sciences, manufacturing and production methods, electronics, computerization, etc.

One could say we are living in an exciting and wonderful age - yet we are constantly made aware of the poverty, hunger and numerous other problems of those less fortunate - some within our own borders as well as in so many other parts of our World.

America is still the land of the Free - offering unlimited opportunities for those who apply their talents and training to the tasks at hand and with educational extension programs that are readily available to improve ourselves and our status in the business world. There is however, an element we must strive to overcome and defeat - that is the tendency to run down the Flag, snip-away at our ideals and traditions and try to convince us that the United States of America is not worth our best efforts at all times. Let's warm-up our Patriotism - stamp out the moaners the gripers and snipers - and do our part to keep America at the top where she will shine as a beacon to and throughout the globe.

)()()()()()()()(

LARRY FELICIANO has moved his family to Antioch. New address 316 West 8th St., Antioch, CA 94509 415 757-4690

SCOTT LAWRENCE is now located at Green Tree Golf Course, Vacaville GRIFF TAYLOR, Kelly Ridge Golf Links, Oroville is GCSA of America's #8219A member.

MEMBERSHIP

Stanley W. Strew, Executive Director, Council of Agricultural
Pest Control, Petaluma, Class F, subject to waiting period
Hiroshi Tsutaui, City of Oakland, Lake Chabot, Class B, subject
to exam

Nobi Okada, Galbraith Golf Course, City of Oakland, Class B subject to exam

James Pryor, Class D, 30-day waiting period, Sequoyah Woods, Arnold Charles E. Malone, Mira Vista G & CC, Class D, 30-day waiting period Bert Sinclair, H. V. Carter Co., Oakland, Reinstate.

John Doug D'Angelo, Lake Almanor C.C., Lake Almanor passed Class B Donald Johnson, Butte Creek C.C., Chico passed Class B

MEMBERSHIP (continued)

Allan C. Mooser's address is changed to 1864 Walnut, Mountain View 94040 Add to directory

Theodore Wood 586 Packard Dr 916 273-5958
Grass Valley 95945
Lake Wildwood, Penn Valley 916 273-8356

Dean R. Donaldson, Farm Advisor, Napa County had this in Growing Points Central Coast Counties, Cooperative Extension, University of Calif.

WHAT ELSE CAN YOU BUY FOR A PENNY A POUND?

The following information is from W. C. Fairbank, Extension Agricultural Engineer.

An operator on a big yellow machine gathers it into a pile; a driver on a \$10,000 loader elevates it into a 5-ton truckload for a 5-mile haul to a central location; it is added to a 100,000 cubic yard stockpile and aged for six months (composted, if you would). A \$15,000 (used) elevating scraper moves the material to a conveyor and \$25,000 set of classifier screens. After screening, the material will either fall into a bottom-dump transport truck for bulk delivery up to a hundred or more miles away, or will continue into a bagging operation. At this point, the material has a wholesale value of a-penny-a-pound--no customers refused.

In the plant, a crew of three men fill, seal, and load the 50-lb., 2-cu ft. bags onto a 400 bag truckload. Within hours it will likely be on sidewalk-sale in a metropolitan shopping center for 98¢ a bag. Although much of it came from Bossy-Cow-Cow, it's called "steer manure," because that swhat home gardeners want it to be called. Double-strength plastic manure bags now cost 25¢ and the labor and equipment charges are no less than 25¢. (Compare this to a roll of kitchen aluminum foil which costs 70¢ for 9¢ worth of aluminum.)

So, how does a manure firm make money? It doesn't! The livestock producer subsidizes the input end and the product being hauled to market maintains a trucking operation—a delicate profit balance, at best. Our intensive livestock industry needs these contracted services and the consuming public needs to be more understanding if it wants to continue enjoying animal protein at such reasonable prices.

)()()()()()()()()(

REMEMBER THRU THE GREEN DEADLINE is the 15th of each month. Continue to send information to Bob Livesey, Editor, 624 South View, Visalia 93277 or to GCSA of Northern California, 1233 Kansas Avenue, Modesto 95351

$\underline{\mathtt{T}}\ \underline{\mathtt{H}}\ \underline{\mathtt{A}}\ \underline{\mathtt{N}}\ \underline{\mathtt{K}}\ \underline{\mathtt{S}}$ to these $\underline{\mathtt{SUPPORTERS}}$ of "THRU THE GREEN"

AUTOMATIC RAIN COMPANY 3945 Bohannon Dr Menlo Park 94025

BRADY-HOLMES COMPANY 2344 Auburn Blvd Sacramento 95821

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

CUSHMAN-KIRBY EQUIPMENT CO. INC. 2419 Sellers Way
West Sacramento 95691

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

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

NORTHRUP, KING & COMPANY
P. O. Box 12123
Fresno 93776

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