

THRU THE GREEN

GCSANC

January 1990

OFFICIAL PUBLICATION OF THE GOLF
COURSE SUPERINTENDENTS ASSOCIATION
OF NORTHERN CALIFORNIA

1989 GCSANC LARRY LLOYD MEMORIAL TOURNAMENT

**RANCHO CANADA GOLF COURSE, CARMEL
DECEMBER 1, 1989**

**LARRY LLOYD MEMORIAL TROPHY WINNER
••• LARRY NORMAN •••**

For the list of the top finishers in each class, See page 4

SUNNYVALE MUNICIPAL GOLF COURSE TURF PROJECT UPDATE

For the complete story, See page 3



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OFFICE

ALISON GOOD
1745 Saratoga Ave.
Suite A
San Jose, CA 95129
(408) 865-0360

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EDITOR

JEAN LADUC
1356 Munro Ave.
Campbell, CA 95008

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

Information contained in this publication may be used freely, in whole or in part without special permission as long as the true context is maintained. We would appreciate a credit line.

WHAT GOOD IS A GOLF COURSE?

What good is a golf course anyway? This is part of the image problem we in the golf business face when dealing with the general public who do not play golf. Well, here is a list of some of the things that a golf course does for the community.

- *Recharge the ground water
- *Filter that water through turfgrass
- *Rainwater runoff slowed in turf
- *Provides a wildlife habitat
- *Enhances the oxygen-carbondioxide exchange
- *Provides a heatsink to moderate the temperature in the area
- *Aids in soil conservation
- *Uses less water than a subdivision
- *Pays more taxes in relation to services needed
- *Raises property values
- *Provides employment for a number of people

This is just a partial listing but it is important for those of us in this business to think of all the good that a golf course does for the whole community, for non-golfers and golfers alike.

We must not fail to acknowledge that, yes, we do apply pesticides and fertilizers, but only as needed and in correct rates. Turfgrass is a an excellent filter and biodegrader, thus the products that we use are confined to the surface and are consumed on site. They do not pose a leaching problem when applied.

Each of us in the golf business has an obligation to see that we do apply all of the materials that we use in the proper manner. One of the best ways to demonstrate our training is to become a certified applicator.

In the water-use area, we are responsible consumers. What water we use either aids the turf growth, cools the climate, or recharges the groundwater.

Do not forget that a golf course is an asset to the community.

Lee A. Webb, CGCS

Northwest Turfgrass Topics Spring 1989

TURF PROJECT UPDATE

As previously noted in our newsletter, Sunnyvale Municipal Golf Course has been selected as the site of the proposed turf project by **Dr. Ali Harivandi**. The site which was chosen is located behind the twelfth green and the thirteenth tee. Three plots measuring 60' x 100' each were sited with the entire plot measuring 220' x 110'. One plot is to be sand based with the other two plots being native soil.

After conferring with **Ali** and **Ted Moore** of Shelton Transfer Service, Inc., it was decided to use Olympia #125, #30 mesh sand. The sand was to be at 12" depth with the total amount used to be approximately 246 tons. It should be noted that we graciously thank Ted for his contribution and cooperation, especially under the extenuating circumstance mentioned later.



The native soil plots were amended with redwood fir bark, which was nitrogen. Total amount used of this material was approximately 311 tons. This also was provided by **Ted Moore**.

Nutrients were then determined and incorporated into the plots. The sand plot was amended with 140 pounds of superphosphate and 70 pounds of gypsum. This corrected a high pH problem we had experienced previously during our reconstruction project on our new greens. The native soil plots were treated with starter fertilizer, Hydroprill 15-15-15.

The border between and around the plots was then outlined with Savannah Rye Sod, provided by **Pacific Sod**.

Anticipating an irrigation renovation this next year, we designed the plot sod it would blend with the new system. Originally, the course was designed with Thompson heads with Griswald 2000 Valves. The new system will be the Toro Network 8000 with the Toro 660 Series Valve-in-Heads. The heads were donated by **Mike Ginelli** of Weststar Distributing, Inc. and the PVC was donated by **Craig R. Stenehjelm** from R.V. Cloud Co.

We had anticipated seeding in mid-October.

However, due to the earthquake, delivery and availability of material were delayed, and we were unable to complete the the project in due time. With the impending cool weather and frost conditions, it was decided that we delay seeding until spring when conditions would be better suited for germination.

Again, I would like to thank the aforementioned individuals and companies for their concerted efforts and contributions to get this project off the ground.

Peter M. Sandoval
Sunnyvale Municipal Golf Course

THOUGHTFUL TREE PLANNING

By Paul Vermeulen, U.S. Golf Association

To the novice golfer or average club official, planting a tree on a golf course seems fairly straightforward. After all, it only takes a short trip to the nursery and 10 minutes to a dig a hole.

Well, not exactly. An improperly placed tree of the wrong species can seriously interfere with the original intent of the course architect, or even worse, completely destroy a putting green.

The following are 10 guidelines that one should ponder before attempting to plant a tree. Hopefully, these guidelines will help ensure that a new tree becomes an asset to the entire club rather than a thorn in the superintendents side.

Before reviewing these guidelines, please realize that each may not always apply strictly in all situations. For example, a large tree planted 25 yards away from a putting green on the south side will cause greater problems than a tree planted the same distance on the north side, due to heavy shading.

Guideline No 1: Make sure to select a planting location so that the mature canopy of the tree will not

Continued on Page 6

WHAT A WONDERFUL EVENING AT RANCHO CANADA

Surprise after surprise. Thanks for the cyclamen plant, necklace, trophy, clock, and Hawaiian Trip. I really appreciate these wonderful gifts and the generosity of the Past Presidents, Board of Directors, and the membership.

I also will cherish the memories and friendships that were made in the 38 years that Clifford and I have been involved in the Golf Course Superintendents Association of Northern California. As young people we were inspired by the Senior members. Time has a way of changing things. It is our hope that is a small way, we can pass along our enthusiasm to the young members of today. Remember it has taken ALL OF US to make the Association grow. Participation is the best way.

It is the end of an era, but you will still see Cliff and I when we're not traveling. Maybe we might actually begin to play golf !

Thank you ONE AND ALL for everything.

Till we meet again,

Myrtle

1989 GCSANC LARRY LLOYD MEMORIAL TOURNAMENT FINAL RESULTS

SUPERINTENDANTS FLIGHT

GROSS

1st Place	Armando Claudia 71
2nd Place	David Hayes 74
3rd Place	Michael Garvale 76
4th Place	Michael Clark 77
5th Place	Alasdair Brownlie 78
6th Place	Ray Story 81

NET

1st Place	Larry Norman 63
2nd Place	Jim Husting 65
3rd Place	Tim Johnson 68
4th Place	Carl Rygg 70

5th Place
6th Place

P. J. Spellman 71
Rich Scholes 72

CLASS F GROSS

1st Place
2nd Place
3rd Place

John Winskowicz 77
Steve Kilmer 85
David Archer 87

NET

1st Place
2nd Place
3rd Place

Fred Thomsen 61
Chuck Weatherton Sr. 65
Dan McKay 72

GUESTS GROSS

Trophy

Jim Ballard 80

NET

Trophy

Jeff Spangler 70

LADIES GROSS

1st Place
2nd Place

Jean LaDuc 72
Jean Thomsen 79

NEWSLETTER NOTES

Larry Norman, Supt. at Pebble Beach Golf Links, is looking for experienced golf course volunteer help for the A T&T Tournament Feb. 1,2,3,4. The experienced help will work either at Spyglass or Pebble Beach on all four days to help prepare the golf course for play for that day. Duties include rake bunkers, establishing galleries via roping from 6AM-9AM. Repair of divots is from 1PM-3PM or after the last group plays through. In the event of inclement weather help will be needed to squeeze greens and bunkers. Help is desperately needed on Feb 1&2. Call Larry at (408) 624-3811 Ext. 209 or (408)625-8515 to sign up on the schedule. This is not just for Supt. but for any experience help you might have on your course. For helping, you will receive shirt, sweater, hat, BBQ lunch and tickets for that days event. Last year was a big success, let's help Larry again this year.

Special Thanks

GCSANC wishes to thank the followin people for making our Christmas Party and Larry Lloyd Annual Golf Tournament a success.

Special thanks to the staff at Rancho Canada Golf Course
Tim Greenwald, Superintendent
Carl Miller, Manager
Shim Lagoy, Pro

Mr. and Mrs. Claus

ADVANCED DRAINAGE SYSTEMS-WALTER BRAY ,JR.
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BUCKNER SPRINKLER-SON KULMAN
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RMC LONESTAR-FRED THOMSEN
RUSSELL D. MITCHELL, ASSOC.-RUSS MITCHELL
SIERRA PACIFIC TURF SUPPLY-DON NAUMANN
SPRINKLER IRRIGATION SPECIALISTS, INC.-STEVE MILLS
TED MOORE TRUCKING-
TURF EQUIPMENT SERVICES-BEN SHOWARD
WEST STAR DISTRIBUTING (TORO EQUIPMENT)
WESTERN LAWN EQUIPMENT-BEN ROLLEFSTAD

PLANNING: Continued from page 3

protrude on the line-of-flight between a tee and a fairway. Trees with protruding limbs dramatically reduce the usable size of a tee.

For example, a tree planted too close to the front right-hand side of a tee will promote concentrated use on the left-hand side of the tee. The result of such concentrated divoting on one side of the tee usually promotes discussion about the superintendents abilities. The solution to large overhanging limbs is usually sympathetic pruning that leaves the tree permanently disfigured. Actually, complete removal of a tree could be the best solution.

Guideline No. 2: To allow for vital air movement and exposure to sunlight, resist the temptation to plant dense groves of trees around greens, tees and fairways. Poor air circulation, especially in areas where greens are located produces soaring temperature and humidity during the summer that in turn promotes harmful disease development. Furthermore, poor air circulation and dense shade during the winter produces cooler soil temperatures that severely retards the growth rate, leaving greens helpless against foot traffic. In situations where poor air circulation and restricted sunlight penetration cause unacceptable turf loss, tree removal is absolutely necessary.

Guideline No. 3: Never try to completely fill in rough areas between adjacent fairways with trees for the sake of safety. No matter how many trees you plant to protect neighboring players, the odds are the first high handicapper will find a way through. Once they do, look out! The player automatically feels qualified to join the PGA tour and aims directly into the oncoming players, hoping to hit a fadeback over the trees.

If your intent is to protect golfers in adjacent fairways, then plant groups of trees strategically near the tee. This will prevent errant shots from even having a chance to stray. Leave several openings between adjacent fairways near the landing area so that if someone does stray, they have the opportunity to return to their fairway uninhibited.

Guideline No. 4: Never plant large trees closer than 75 feet from a green or tee, because they will become serious competitors for available water and nutrients. Most individuals are under the mistaken impression that tree roots cannot extend outward from the trunk further than the drip line of the tree. In reality, tree roots can extend outward from the trunk approximately one to one and a half times the total height of the tree.

For example, if a tree is 100 feet tall, its roots can extend as far as 100-150 feet. Once tree roots have invaded underneath a green or tee, they sap water and nutrients away due to their overwhelming size. In situations where tree roots are a problem, sever them with a trencher and install a permanent barrier.

Guideline No. 5: Without question, flowering trees add unmistakable beauty to any course. However, due to their tender bark and dwarf stature, they are extremely sensitive to mower damage. This extreme sensitivity makes most flowering trees a poor candidate for use on golf courses unless they can be

carefully protected. Augusta National is a good example. The beautiful flowering dogwoods and azaleas have been planted underneath large pine trees where there is never an occasion to operate heavy mowing equipment.

Guideline No. 6: Try to avoid screening out scenic vistas. Scenic vistas include the clubhouse, ocean or mountain views, lakes or other open areas of the course. Once a scenic vista has been lost, it is usually forgotten and consequently may be lost forever.

Guideline No. 7: It is often best to avoid using a standardized tree planting as yardage indicators. Problems arise in the future when one of the plantings is lost or damaged.

For example, if palm trees are used on each hole to indicate a distance of 150 yards, it will be impossible to replace a dying palm with one of matching size. In addition, a tree planted to the edge of a fairway can severely penalize a golfer.

A better means of indication yardage may be to mark large, landmark trees already present throughout the course with a small wooden or metal plaque. The advantages of marking landmark trees is that they blend in with the course surroundings, they are already present throughout the course and because of their size they can be seen by golfers that stray into adjacent fairways.

Guideline No. 8: When selecting a tree, choose species that match the existing vegetation and have favorable characteristics. Cottonwoods and large fruit trees are not good candidates for golf courses because they are either strong surface rooters or require continuous maintenance.

In addition, try to limit the number of different species as much as possible. A continuous vegetation scheme is often the trademark of many of America's highest ranked courses. For example, the site of this year's U.S. Open is Oak Hill CC in Rochester, New York. This particular course has a continuous theme of oak trees from the first tee through the 18th green. Courses that tend to plant a potpourri of tree species are usually unflatteringly referred to as tree zoos or specimen parks.

Guideline No. 9: Try to naturalize the appearance of large tree plantings by randomizing the distance between each tree. A good way to develop a randomized tree planting would be to hit several dozen golf balls into a rough area from a distance of 200 yards. Then place a small flag where each ball has landed and selectively remove one flag at time until there are an appropriate number left.

Guideline No. 10: To prevent unnecessary neglect of newly planted trees, never plant more than the maintenance staff can adequately maintain. During the first year of establishment, small trees require extra attention and frequent hand-watering during the summer. If you must purchase trees in large numbers due to cost, it might be best to establish a tree nursery near the maintenance facility where they can be easily cared for. Then, over the next several years, slowly spread them over the course.

THE IMPORTANCE OF PROTECTIVE CLOTHING

Patrick J. Marer
Pesticide Training Coordinator
University of California, Statewide IPM Project

Did you know that the most frequent way people are injured or poisoned by pesticides is through contact with their skin? Spilling a little pesticide on your skin may result in a burn or rash, and many pesticides may not appear to injure your skin at all. However, most pesticides can be absorbed into your body through your skin. Once absorbed, a pesticide is quickly picked up into your blood and transported to other parts of your body.

Skin Location Determines Absorption Rate

To make matters worse, skin covering different parts of your body absorbs pesticides at different rates. For example, if you spill some pesticide on the top of your hand, it will pass through your skin about 2 1/2 times faster than if you spilled it on your forearm. If some spray splashes onto

Wear Protective Clothing

It's very important to keep pesticides off your skin. Wear protective clothing whenever you are handling, mixing, or applying any pesticide -- even those considered "safe". If you accidentally spill some onto your skin, immediately wash the area with plenty of water and soap. Less pesticide will be absorbed if you wash quickly and thoroughly.

Pesticide labels tell you what type of protective clothing is required. However, make sure the protective clothing and gloves you use are clean. If they have any pesticide residues on them, and you put them next to your skin, you will probably absorb some of that residue into your body.

Using pesticides safely means protecting yourself as well as the people and the environment around you. Pesticides that get

into your body can make you sick, sometimes very sick. Protect your health by wearing the proper protective clothing-always.

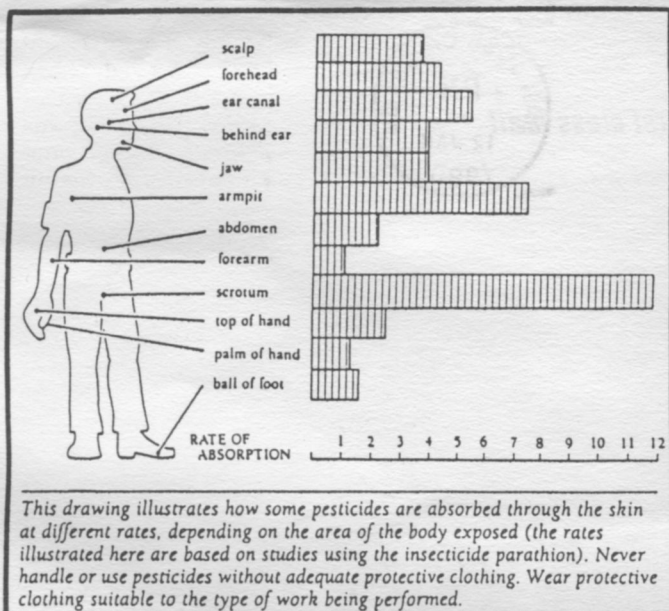
Article seen in PAPA Applicators News

IN KEEPING WITH THE SEASON

The GCSANC Board of Director's donated the proceeds from the Golf Fund, which are usually given away at the Christmas Party, to the KNBR Earthquake Relief Fund. The Board was in a Board Meeting when the Earthquake struck. In true operating fashion, the Board resumed business as usual until finished. Not until then did we realize how bad the quake was. The amount given was the sum of \$450.00. We hope in some small way this can help others during this Holiday Season.

FOR SALE

1980 Jacobsen HF 15 fairway mower.
Contact Stan Burgess, Marin CC, (415) 883-7872 for further information.



your head or the back of your neck, it will be absorbed into your blood nearly 4 times faster than through skin on your forearm. If it gets onto your ear canal, it will be absorbed almost 6 times faster than through the skin of your forearm. The accompanying drawing illustrates the rates of absorption of parathion through different areas of skin.



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Salinas 93902

**GOLF COURSE SUPT. ASSOC.
OF NORTHERN CALIFORNIA**
1745 Saratoga ave. Ste.A
San Jose, CA 95129

first class mail



KENNETH A. SAKAI, CGCS
CITY OF SUNNYVALE
P. O. BOX 3707
SUNNYVALE CA 94086