

PRESIDENT'S MESSAGE

Many thanks to Rod Kilcoyne, CGCS and Diablo Creek Golf Course for hosting our January meeting.

A large turnout enjoyed a fine day. Remember to send in your reservations for the meeting as early as possible. Unexpected showups make it much more difficult for the Superintendent to set up for food and golf. Show some consideration to the host Superintendent. Thanks to Jim Schmidt of J.W.S. Sales for taking time out to address our group on water filtration.

The Golf Course Superintendents of Northern California will be

"hosting" a Junior Golf Tournament this year on July 28th, called the "Golf Course



ALLAN SCHLOTHAUER, CGCS

Superintendents Junior Two Ball Championship", and it will be a joint event. What we do need is a golf

course. If you can volunteer your golf course from about 7:00AM to 1:00PM for the tournament please contact Corey Eastwood at (415)583-1997. This is our chance to support Junior Golf.

The Annual Meeting will be held at Santa Clara Golf and Tennis on April 11th. If you are interested in running for office please contact the Nomination Chairman, Cliff Wagoner, CGCS, or one of his committee persons - Mike Clark, CGCS, or Steve Carlton, CGCS. A slate of candidates will be listed in the March issue of "Thru The Green".

Steve Carlton, CGCS, will be chairman of the auditing committee with Dean Gump and Mike Garvale, CGCS.

A handwritten signature in dark ink, appearing to be "SC" or similar initials, written over the printed name of Steve Carlton.

ON THURSDAY, MARCH 24 th, LOU TONELLI AND LAKE MERCED CC WILL HOST OUR NEXT GENERAL MEETING. DETAILS IN THE NEXT "THRU THE GREEN" ISSUE.

CALIFORNIA GCSA NEWS



California GCSA Board of Directors presents a \$3,000.00 donation to GCSAA Director Ken Sakai for GCSAA Scholarship fund.

Besides the \$3,000.00 donated by California GCSA to the National (GCSAA), the local chapters support local areas in the amount of:

San Diego	\$ 2,000.00
Central California	\$ 1,000.00
Hi-Lo Desert	\$ 1,000.00
Southern California	\$ 2,000.00 and \$2,000
in research	
	\$ 8,000.00
National Donations	\$ 3,000.00
Total per year	\$11,000.00

We expand on the dedication of the California Superintendents to the education of the next generation of golf course superintendents and their commitment to the betterment of the profession.



(L-R)

David Lozoya, Treasurer, Hi-Lo Desert chapter, Paul J. Dias, Director, Northern Cal. chapter, Bob Dobek, Director, San Diego chapter, David Fleming, Director, San Diego chapter, Tim Sedley, Vice President/Secretary, Southern Cal. chapter, Dennis James Orsborn, Vice President, Hi-Lo Desert chapter, James D. Ross, Director, Northern Cal. chapter, Ken Sakai, GCSAA Director, Northern Cal. chapter, David Hein, Director, Southern Cal. chapter, Bob Tillema, Director, Central chapter.

SCHOLARSHIP FUND

INTERN PROGRAM CONTINUES

A year ago, the Green Committee of the Northern California Golf Association reinstated the Intern Program that had been suspended for four years.

At the present time, Wayne Lindelof is completing his first year at Poppy Hills and Gerald Barber is starting his first. The committee feels that, to date, the program has produced anticipated results with these two young men. Merv Wolf, who will serve as chairman of the committee in 1988, says that is the reason the program will continue this year.

Wolf, from Del Rio CC in Modesto, says experience gained in the past year will lead to many refinements in the program. In an effort to pre-qualify all

candidates, each will be offered a place on the Poppy Hills crew. This process will help confirm interest in golf course work as a career. After six months and the satisfactory completion of this work, approved candidates will enter the intern program.

Any golf course superintendent at an NCGA-member club is urged to submit names of candidates from his crew. Names may be submitted to the NCGA office, Box 1157, Pebble Beach, CA. 93953.

HI AND LOIS

BY MORT WALKER AND DIK BROWNE



Toxicity and Dose Determine A Substance's Risk

Elliot Maras, Editor
Lawn Care Industry

Noted Researcher says all chemicals, natural and synthetic, carry risk

LOUISVILLE— Chemical consultant Wendell Mullison gives a dose of perspective to the current furor over risks associated with pesticide use. That dose is dose itself — which, combined with toxicity, determines how dangerous a substance is.

Mullison, a consultant for the Dow Chemical Co., spoke on the misinformation surrounding pesticides to the Kentucky Agribusiness and Pesticide Workshop in Louisville.

He referred to a phrase coined in the 15th Century by the alchemist, Paracelsus— "The dose makes the poison."

"This is a very, very important concept," Mullison said. All chemicals, natural and synthetic, in some dose, are dangerous. Teargas, for example, is a very toxic substance, but not harmful in the dosage it is used in.

"The real thing that makes a difference is you and me — how do we handle it?" he said.

Mishandling of pesticides should not be allowed, Mullison said. He said 2,4-D was recently sprayed near a playground where children were playing, an action that should never have been allowed.

As for the actual danger posed by 2, 4-D in its labeled use, Mullison said the public is perfectly safe. While one study has raised some

questions about its safety, the conclusions of that study have been disputed by three out of four epidemiologists contracted by the U.S. Environmental Protection Agency.

In addition, Mullison said, 40,000 scientific papers have been written on 2,4-D, making it one of the best studied compounds in any industry.

"If we were to use the same standards for governing our toxic chemical in food as we do in pesticides," he said, "a Thanksgiving meal would be reduced to sour cream, lettuce, crackers and an empty patty shell."

One of the great misconceptions is that natural substances are safer than synthetic ones, Mullison said.

Mullison also cited statistics from the U.S. Poison Control Centers showing very few hospitalizations have been connected to pesticides.

Source: Lawn Care Industry, June 87



missing!
this photo
was taken
from a
milk carton
near Richmond.
Contact the
newsletter
with any
information.

"I want to buy a used car I saw advertised but I am afraid there might be a lot of things wrong with it," the young man told his friend.

"Do what I do," she said, "I have the perfect system for finding all of the defects out before I buy a used car."

"That's remarkable. How do you do it?"

"I take the car out on trial. Then I drive it to another dealer and tell him I am interested in selling him the car."

Backlapping Reel Mowers For Precise Cut Keeps Turf Attractive, Lessens Chance Of Disease

Frequent grass cutting with a sharp, well-adjusted reel-type mower is one of the factors in creating and maintaining attractive turf.

Proper watering, seeding and fertilizing, as well as fungicides, weed killers and insecticides, are needed for top quality turf. However, the results these offer can appear worthless if grass tips turn brown, become diseased, or clumping patterns show on the turf.

Backlapping of reel mowers with a quality pre-mixed reel sharpening compound will help avoid these problems and save time and money for turf care professionals.

Pull gang mowers, and hydraulic power-driven reel mowers create a scissor-like action between the reel blades and the bed knife. Properly ground and adjusted, this reel action slices grass cleanly, leaving no torn or jagged edges.

It is the raw and torn edges on grass that take on a brown appearance no matter how well the turf is otherwise cared for. These jagged tips also allow a greater opportunity for fungus and other diseases to attack the turf.

SHARPENING A REEL MOWER

Grinding and lapping are complementary steps in sharpening a reel mower.

Although there has been much debate, relief grinding seems to be recommended by more experts than flat grinding. Better adjustment, closer cutting action, plus longer life for bed knives is the reason for favoring relief grinding.

A ground, reassembled, and adjusted reel mower will cut fairly well. However, backlapping will improve the cut-

Backlapping Procedure

Backlapping with ready-to-use products to complete a grinding job, or to renew the cutting edges after use, requires minimal set-up time and work. Specialists using pre-mix compounds recommend the following basic steps . . . always being careful to keep your fingers and hands away from all moving parts.

1. Set the reel turning backwards. Hydraulic driven reels can be run in reverse, while wheel friction driven reels must be mounted on a backlapping machine. A relatively slow speed (between 100 to 150 rpms) is recommended so that the compound will not be thrown off the reel blades as they turn.
2. Adjust the bed knife from both sides to make even contact with the reel blades.
3. Apply a reel sharpening pre-mix compound, using a two-inch paint brush, to the blades as they are turning. Move the brush from side to side along the reel to spread the sharpening compound the full width of the blades. After application, allow the unit to run backwards until the reel is quiet.
3. While the unit is turning, flush the reel with water from a hose to remove all abrasive grit.
5. Turn off the lapping machine. Spin the reel backwards by hand and adjust for a very light uniform contact between reel blades and bed knife. When spun by hand, the reel should rotate two or three revolutions before stopping.
6. Slowly turn the reel forward and make any additional fine adjustment so a piece of paper will be sheared along the entire width of the bed knife by every blade, being careful not to touch the cutting edges with fingers.

This article was submitted by Richard Morris, Manager, Fel-Pro Incorporated, Producer of Clover Reel Lapping Compounds.

ing action by removing nicks and high spots from the knives. A perfect mating between blades and the bed knife is created to cleanly slice off grass.

Many grounds care specialists backlap their reel mowers after every cutting, to insure the sharpest blades. The few minutes it takes each day for backlapping is time well spent for healthier grass. Grinding is generally done twice a year.

In contrast to grinding, lapping with reel sharpening compounds takes very little time, and removes very little metal from the blades.

Pre-mixed lapping compounds offer several advantages over the varied combinations created by some turf care people.

Various grades of pre-mixed reel sharpening compounds are available — 50 grit for heavy-duty lapping, 80 grit for regular lapping on fairway mowers, 120 grit for green and tee mowers, 180 grit for extra sharpness, and 220 grit for super fine honing.

The key benefit from lapping is extreme sharpness. A much more precise fit between reel blades and the bed knife can be obtained.



"First tee the ball."

"I tee it. What cwub do I use?"

*Morale is the state of mind.
It is steadfastness and courage and hope.
It is confidence and zeal and loyalty.
It is élan, esprit de corps and determination.*
— George C. Marshall

Ciba-Geigy Contributes \$50,000 To GCSAA Endowment Fund

A \$50,000 contribution to the Golf Course Superintendents Association of America's (GCSAA) Scholarship and Research Fund has been made by the Turf and Ornamental Department of the Ciba-Geigy Corp.

The Robert Trent Jones, Sr. Endowment Fund, established by the GCSAA in August, makes scholarships available to outstanding students enrolled in college turfgrass management programs nationwide. The fund works to encourage future leaders among professional golf course superintendents.

"We're pleased and excited about the opportunity to make a significant contribution to the endowment fund," says Bill Liles, Director of Ciba-Geigy's Turf and Ornamental Department. "Furthering turf research through scholarships for college students is an excellent example of industry, education and the GCSAA working together."

John Schilling, GCSAA Executive Director, says the endowment fund enables the association to support research in such areas as drought and disease resistant grasses, environmentally sound turf management, and effective water and soil resource conservation.

Director Gerald Faubel, CGCS, Chairman of the Scholarship and Research Committee, says the timing and generosity of Ciba-Geigy's contribution to the endowment fund "indicates the kind of leadership needed to keep our profession strong."

SUMMER INTERNSHIPS - 1988

To provide work experience opportunities in turfgrass management; golfcourse development and maintenance to U.C.D. college students. College students with academic and career interests in golf course management will be seeking work experience opportunities for this summer, 1988.

If you are interested in providing a Summer position please submit a position description by March 10, 1988 to: Cliff Rourke, Riverside GC, PO Box 13128, Coyote, CA 95013 (408) 463-0558.

Students will be placed on your regular payroll or an educational stipend can be arranged with U. C. Davis.

Students may, depending on the educational opportunities of the work experience provided, pursue academic credit for their experience.

Students will be available from July 1st thru September 20th. Last year's compensation rate ranged from \$5.25 to \$6.50 per hour. This is entirely up to the employer. This is the 3rd year that the Association has offered summer employment/internships to students

at U.C. Davis, with each year increasing in popularity by both parties.

GOLF

At Diablo Creek GC

LOW GROSS:

Craig Kilcoyne 73

Howard Fisher 75

Mike Clark 76

Corey Eastwood 76

Ross Brownlie 78

Al Brownlie 78

John Flachman 78

Mike McCraw 78

LOW NET:

Mike Ginnelli 66

Jim Kerrick 68

Kurt Bosted 70

B. Dauterman 71

Don Naumann 71

John Lloyd 72

B. Klinesteker 72

T. Stratton 72

TIPS AND TRICKS

The Newsletter is soliciting ideas from members and their staffs for ideas which they are using in the course of their work, either for saving time, money, or making their job easier and better.

A second request is for members to submit any problems they may have had or are now having and need help with. Problems may be submitted anonymously if desired.

Tips cont.....

GCSANC would put together a panel of professionals to answer the queries. Both questions and answers would be published in the NEWSLETTER.

COOPERATION: KEY TO DISCIPLINE

Effective discipline is not achieved through close monitoring of employees - rather it is achieved by winning the cooperation of your employees.

1. Establish the reason for a desired action. To encourage workers to take action, you should first show them why it is necessary. Explain the reason in detail and be sure you've made yourself clear.
2. Correct negative actions immediately. If you don't speak up when a rule is broken, you're implying that you don't care. Soon your employees will establish bad habits that are impossible to break.
3. Challenge your workers. People like working towards attainable goals. It gives them a sense of satisfaction to do their work. But the key word is "attainable". Don't set such high goals that your people can't reach them. That will only lead to discouragement and will cause

workers to rebel and not try at all.

4. Admit your mistakes. If you don't you'll have to lie about them, hide them, or blame them on others. This may work for a while, but when the truth comes out, you'll have lost the confidence and respect of your employees. If your employees don't respect you, they're not likely to cooperate with you.

5. Don't argue with employees. If angry workers approach you, let them get whatever is bothering them out in the open. Try to delay giving an immediate response by suggesting that you'll check into the problem or think it over. Then set up a second meeting later in the day. This way angry workers have a cooling-off period. When you're armed with facts, and the angry employees are calm enough to listen - then give your point of view. Try to find some common ground on which to base your discussion. If you can agree with some of the employee's points, it will be much easier to settle the ones on which you differ.

6. Have high expectations. When expectations are high, performance level is high also - expect the best from your workers and that's what you'll get!

HYDRO ENGINEERING - Adrian Bertens
 Box 505 415 837-1892
 Danville 94526

ADVANCED DRAINAGE SYSTEMS (ADS)
 Walt Bray - 6917 Flintwood Way
 Sacramento 95831

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 50 Edwards Court - 415 342-4440
 Burlingame 94010

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 Top Dressing - Custom Mixing
 Palo Alto 94303 415 321-5913

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PAR-EX PROFESSIONAL PRODUCTS
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 Pleasanton 94566

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 874 East Woodward Avenue
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 Campbell 95008

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 Salinas 93902

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 137 Mason Circle
 Concord 94520

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 408 559-8893

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 4381 North Brawley
 Fresno 93722 415 455-4705

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 P. O. Box NCGA
 Pebble Beach 93953

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 Irrigation Consultants
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 531 Homewood Court
 Pleasanton 94566

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 4060 Campbell Avenue
 Menlo Park 94025

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 Chuck Dal Pozzo
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 Concord 94518

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 18103 Skypark South D216
 Irvine 92714 714 261-6076

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 1848 Arnold Industrial Place
 Concord 94520

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 211 Dover Street
 Los Gatos 95030

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 4592 E. Second Street
 Benicia 94510

PUMP REPAIR SERVICE COMPANY
 San Francisco
 415 467-2150

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 Chico 95927

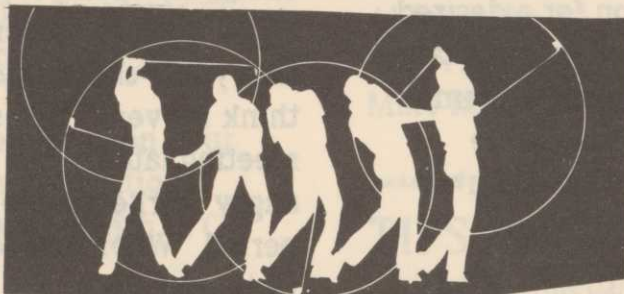
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MEETING\ UPCOMING

FEB 10-11 NORTHERN CALIFORNIA TURF EXPO
 FEB 18 CASTLEWOOD CC, USGA/NCGA Green Section Meeting
 MAR 24 LAKE MERCED CC
 APR 11 SANTA CLARA GOLF & TENNIS
