

SUMMARY OF PESTICIDE WORKER SAFETY REGULATIONS
California Department of Food and Agriculture

The primary purpose of the worker safety regulations is to specify safe work practices for employees who mix, load, apply, store, or otherwise handle pesticides. The main points covered by the regulations are given below:

1. Employees who mix or load pesticides with the signal word "Danger" or "Warning" shall not be under 18 years of age.
2. By January 1, 1975, employees who will work with pesticides shall have had adequate instruction and training in the use of the pesticides unless they are to be provided with close supervision.
3. Arrangements for emergency medical care for employees working with pesticides shall be made in advance and the places to obtain this care shall be posted prominently at the work site.
4. Employees who work for more than 30 hours in a 30 day period with pesticides that contain organophosphates or carbamates that carry the signal word "Danger" or "Warning" shall be provided with appropriate medical supervision that includes periodic cholinesterase blood tests.
5. Employees working with pesticides carrying the signal word "Danger" shall have periodic contact with another person at least once every hour at night and at least once every two hours during daylight hours.
6. Pilots employed to apply pesticides shall not mix or load pesticides if they contain organophosphates or carbamates carrying the signal word "Danger" or "Warning."
7. A place shall be provided for employees to change clothing and wash after working with pesticides that carry the signal word "Danger" or "Warning."
8. Facilities for personal washing shall be available at the site where pesticides are mixed or loaded when a label carries the signal word "Danger" or "Warning."
9. Employers shall provide all necessary safety equipment. Employers shall also provide clean outer clothing daily for employees who work with pesticides carrying the signal word "Danger" or "Warning."
10. Employers shall advise each employee of the necessary safety procedures he should follow and the safety equipment that he should use in accordance with requirements on the label.
11. Pesticide mixing, loading, and application equipment used by employees shall be safe to use. This equipment is subject to inspection at any time.
12. Employees who service pesticide equipment shall be properly informed and protected from the hazards of working on that equipment.

13. When pesticides are handled by employees that carry the signal word "Danger" or "Warning", large pieces of field equipment used shall have:
 - a. An external means of showing the liquid level in the applicator vehicle tank or an automatic means of preventing overfilling of the tank by January 1, 1977.
 - b. Leakproof hatches on tanks of applicator vehicles by January 1, 1976.
 - c. Shielded flexible hoses containing pesticides under pressure passing near an employee driving an applicator vehicle by January 1, 1975.
 - d. Shut-off devices on hoses carrying such pesticides from the mix tank by July 1, 1975.
14. Employees shall not hand out liquid pesticides carrying the signal word "Danger" after January 1, 1977.
15. Pesticides in soluble or wetttable powder formulations shall be manufactured so as to eliminate safety hazards to employees (who will mix these pesticides) from exposure to dust inhalation by January 1, 1976 if the labels contain the signal word "Danger".
16. Emergency medical care shall be planned in advance for workers who enter fields after pesticide applications.
17. No person shall apply any pesticide in such manner that it contaminates the body or clothing of any person not involved in the application process.
18. Supervisors of employees working in fields that have been treated with pesticides shall be knowledgeable of symptoms of pesticide poisoning.
19. If an employee enters a field before the pesticide spray has dried or the pesticide dust has settled, he shall wear all protective equipment specified for the applicator.
20. Entry of a field may be permitted for an employee for any type of work after the pesticide spray has dried or the pesticide dust has settled, unless there is a specified safety interval.
21. When a safety interval has not expired, the employer shall warn employees who might enter that field not to engage in any activity in that field that might involve substantial body contact with treated foliage.
22. Warning signs must be posted for the duration of any safety interval that results from the application of: Guthion, Systox, Phosphamidon, Trithion, EPN, ethion, parathion, and/or methyl parathion.
23. Studies designed to set safety intervals to test shorter safety intervals must undergo evaluation and receive approval by the Department of Food and Agriculture if people are to be exposed.

Turfgrass Adaptive Research Program - by Clifford A. Wagoner, CGCS

The six year report on TARP by Bill Davis was published in its entirety in the July and August 1974 Newsletters. Since this report two meetings have been held, one with your Board of Directors and Bill Davis and John Madison and the other with the Northern California Golf Association TARP Committee, the Golf Course Superintendents Association of Northern California TARP Committee and Bill Davis and John Madison.

The purpose of the first meeting was to acquaint the board members with the program and allow them the opportunity to visually observe the work being carried out at Davis. A lengthy discussion was held and everyone agreed a great amount of information had been developed that could be used in maintenance on individual courses.

On September 11, 1974 the second meeting was held. Those present were Dr. Blake, Carl Dawson and Bob Hanna, Northern California Golf Association, Bill Davis and John Madison, University of California and Extension Service and Larry Feliciano, John Engen, Kaz Maseba and Cliff Wagoner, Golf Course Superintendents Association of Northern California

It was generally agreed that

1. TARP projects can only be successful at courses where clubs and superintendents have a genuine interest in solving problems. These clubs can serve as places for demonstrations during and at the conclusion of the project.
2. TARP should also be directed towards improving existing conditions on courses.
3. a better means of communicating is needed both at superintendent levels and to club officials to the benefits of supporting the program.
4. club officials should be made aware of the benefits their organization can derive from the superintendents attending educational meetings and belonging to the Golf Course Superintendent Association.
5. Superintendents be made aware a great deal of assistance can be had by each superintendent contacting County Extension office. As more contacts are made by superintendents the Extension Service will appreciate our industry more.
6. The Institute at Asilomar will be continued. Every Superintendent of a Northern California Golf Association course, all members of the Golf Course Superintendents Association of Northern California along with club officials will be notified of the time, place and subject matter. No club cannot afford to send the superintendent and NO superintendent can afford to miss the 1975 session on Personnel Management and Equipment Maintenance.

Projects for the coming year include the continuation of the topdressing

experiments on the experimental green and the football field. Why the football field? Because it is similar to many of the areas on the golf course.

The plan is to install drainage in a problem green similar to the one at Haggin Oaks in Sacramento.

If possible a soil screening device will be engineered so it can be constructed by clubs at a reasonable cost.

Clubs may continue to send samples of available sand to Davis for physical analysis.

Area meetings are being held to demonstrate some of the techniques of evaluating the efficiency of irrigation systems and infiltration rates on greens.

A tree planting and growth evaluation started in previous years will continue.

The Northern California Golf Association has again solicited the member clubs for support and will continue their support. Although this program cannot be all encompassing, it can be of great value to superintendents and clubs if they will avail themselves to the information and services available to them.

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1975

Dues are now due and payable.
Where applicable bills are enclosed.

IMPORTANT - Members name must be indicated on check

If you have changed your address or position since last Directory time, please complete and return to GCSA of Northern California, 1233 Kansas Avenue, Modesto, CA 95351 - please print -

NAME _____ phone (code) _____

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Club or Business _____

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NEW MEMBERS SINCE JULY - WELCOME

Class B

Richard Aven, Marin Country Club, Novato

Class D

Robert Anderson, Edgewood Tahoe Golf Course, Stateline, Nevada

James Newell, Lyons Club Golf Course, Stockton

Stephen Owsley, Kelly Ridge Golf Links, Oroville

Class F

Gus Moller, Advanced Drainage Systems, Inc. Sacramento

Ron Sullenger, Safe-T-Lawn, Inc., Livermore

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Monday, August 12th, Kenneth Vorderbruggen was killed in an automobile accident on U. S. Highway 395 at Lakeview Hill, four miles north of the Washoe-Carson City boundary. Ken will be remembered from the many meetings held at Incline Village, Nevada. Our condolences to his wife and family. (Thanks to Gene Vieira)

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FELLOWS this is your (all of you)

NEWSLETTER



Please Contribute

Myrtle Wagoner

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