



California Golf Course Superintendents Annual State Meeting **MONTEREY** May 18-20, 2003

The Double Tree Hotel In Monterey

Welcome Reception:

Sunday May 18th at Monterey Bay Aquarium

7:00-11:00pm

Tickets available for next day use of the aquarium for \$8.95

Meeting Speakers:

■ **Dr. Robert Carrow**
University of Georgia

■ **Hannes Combost**
GCSAA

■ **Dr Frank Wong**
UC Cooperative Extension

■ **Larry Stowell & Wendy Gelertner**
PACE Turfgrass Institute

■ **Mike McCullough**
NCGA

■ **Dr Dave Wienecke**
USGA Green Section

■ **Mark Mahady**
Mark Mahady & Associates

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Tim Powers and Crystal Springs Receive ELG Award

Crystal Springs Golf Course in Burlingame, Calif., and its golf course superintendent Tim Powers, have been named chapter winners of the 2002 Golf Course Superintendents Association of America (GCSAA)/Golf Digest Environmental Leaders in Golf Awards (ELGA).

The ELGA recognizes golf course superintendents and their courses for overall course management excellence in the areas of Resource Conservation, Water Quality Management, Integrated Pest Management, Wildlife/Habitat Management and Education/Outreach.

Listed below is the complete list of GCSAA/Golf Digest winners of 2002 Environmental Leaders in Golf Awards. Winners were named in two national categories (public and private golf courses) and one international category, with an overall winner being selected. Additional recognition was given to the top entry for each GCSAA affiliated chapter, and merit honors were awarded to those who did not earn national or chapter honors, but in the opinion of the judges, deserved special recognition. The national winners include (course and chapter):

Colonial Acres Golf Course in Glenmont, N.Y., and its superintendent, Patrick Blum, have been named the overall winner of the 2002 Golf Course Superintendents Association of America (GCSAA)/Golf Digest Environmental Leaders in Golf Awards (ELGA).

Blum and Colonial Acres Golf Course will be featured in the May issue of Golf Digest and the February edition of GCSAA's Golf Course Management. Syngenta Professional Products and Rain Bird Corp., are the presenting sponsors of the award.

- **National Public: Patrick Blum**
Colonial Acres Golf Course, Glenmont, N.Y.,
Northeastern Golf Course Super. Association
- **National Private: Scott Whorral**
The Club at Mediterra, Bonita Springs, Fla.,
Everglades Golf Course Super. Association
- **International: Pablo Cornejo**
Robinson, Las Brisas De Chicureo Golf Club,
Santiago, Chile

Golf course superintendents and their courses that were named national, chapter or merit winners were formally recognized Feb. 13 during the Golf General Session at GCSAA's 74th International Golf Course Conference and Show, Feb. 10-15, at the Georgia World Congress Center in Atlanta, Ga. In addition, program sponsors each donated to The Environmental Institute for Golf, \$500 each for national winners and \$50 each for chapter winners in the names of all national and chapter winners.

"I applaud the commitment to environmental stewardship displayed by these golf course superintendents and their facilities," said GCSAA President Michael Wallace, CGCS. "We in the golf course management industry know of the great strides that have been made as a result of research and education.

It is a great source of pride that the industry is now being recognized by those in the environmental community, as a model for its concerted

"Since 1995, the editors of Golf Digest, with the help of a balanced panel of judges, have identified courses, individuals and municipalities that are breaking new ground in environmental leadership," said Roger Schiffman, Golf Digest managing editor. "Golf can have a positive effect on a community and we are pleased to join GCSAA in communicating how that happens on the course."

An independent panel of judges equally representing national environmental groups, turfgrass experts, university researchers and members of the golf community conducted the award selection.

The Environmental Leaders in Golf Award recognizes golf course superintendents and their courses for overall course management excellence in the areas of Resource Conservation, Water Quality Management, Integrated Pest Management, Wildlife/Habitat Management and Education/Outreach. In addition, these categories are based on four criteria: sustainability, criticality, originality and technology implementation/use.



In addition to the national winners, 17 chapter winners and nine merit winners were selected from GCSAA's 102 affiliated chapters. 2002 ELGA Chapter Winners

The Environmental Institute of Golf enhances the game of golf through funding applied research and advanced education in golf course management. Since its inception in 1955, The Institute has provided more than \$2 million in support of numerous research studies and more than 1,200 student scholarships.

Since 1926, GCSAA has been the leading professional association for the men and women who manage and maintain golf facilities in the United States and worldwide. From its headquarters in Lawrence, Kan., the association provides education, information and representation to more than 22,000 individual members in more than 65 countries. GCSAA's mission is to serve its members, advance their profession and enhance the enjoyment, growth and vitality of the game of golf.

DPR Announces Restrictions To Protect Compost

SACRAMENTO



The California Department of Pesticide Regulation has announced new pesticide restrictions to protect commercial compost from potential contamination from the herbicide clopyralid. But in doing so, the Department has exempted golf courses due to their standard practice of grass cycling on fairways and roughs. The exemption was made thanks to the participation of the CGCSA Government Relations Team in DPR clopyralid workshops over the past year.

DPR will restrict sales of the herbicide clopyralid ("clo-PEER-ah-lid") to most lawn and turf professionals, instruct those licensees to assure that green waste stays on site when the herbicide is used, and require dealers to provide written notice of the restrictions when they sell some clopyralid products. DPR will immediately begin drafting regulations to enforce those restrictions, based on concern that clopyralid residue in grass clippings could make compost toxic to non-target vegetation.

DPR expects its restrictions to affect about 15 clopyralid products used in parks, playing fields, and cemeteries. Golf courses were exempted after DPR determined that grass cycling on site is a standard industry practice, and clopyralid product labels prohibit use on tees and greens. Clopyralid products labeled for farm, rangeland, and forest use are not affected. DPR took initial action against residential uses in March 2002.

Used to control broadleaf weeds, clopyralid is a low-toxicity chemical that poses little hazard to people, animals, and most vegetation. However, even low levels of clopyralid in compost may damage some plants. Some commercial compost facilities in California have detected clopyralid residues, but no cases of non-target vegetative damage have been documented in the state.

"This action underscores our commitment to California's environment in general and to the compost industry in particular," said DPR Director Paul Helliker. "Clopyralid is a useful pesticide, but some applications could cause a problem if residues accumulate in the green waste stream. We've worked closely with the Integrated Waste Management

Board to protect the green waste stream while preserving beneficial uses of this herbicide," said Helliker.

"Using organic material to make compost is an essential part of our efforts to prevent valuable resources from ending up in landfills, a major reason why California's statewide diversion rate has grown to 48 percent," said Linda Moulton-Patterson, Chair of the Integrated Waste Management Board (IWMB). "We are very pleased with the Department's determination to further limit the use of clopyralid. It is a crucial step in protecting the viability of compost markets and the continued success of our waste diversion efforts."

In March 2002, DPR announced it would seek cancellation of 15 clopyralid products registered for residential lawn use, citing a potential hazard to compost. Dow AgroSciences, which registered the herbicide in California, subsequently asked the U.S. Environmental Protection Agency for product label changes to address DPR's concerns. Since U.S. EPA allowed Dow time to clear existing stocks from dealer shelves, products with the new labels are expected to appear in the market later this year.

DPR's action today fulfills a charge by Assembly Bill 2356 (Keeley), passed in 2002. It directed DPR to assess the possibility that clopyralid residues could persist in compost and either impose restrictions or cancel registration of those uses.

Clopyralid was initially registered for use in California in 1997 to combat yellowstar thistle, a noxious weed that can kill livestock.

DPR and IWMB began investigating clopyralid residues in compost about 18 months ago. The two Cal/EPA agencies co-sponsored a workgroup that included compost industry representatives, Dow, and other interested parties. The group held four meetings in the past year to explore how clopyralid residues enter the green waste stream, what residue levels may pose a risk to non-target vegetation, and other relevant information. Among the findings:

- Compost monitoring data varied. While the frequency of residue detections declined, low levels of clopyralid continued to show up in some samples.

- Sales data from DPR's pesticide assessment database and DowAgro Sciences suggested sales of turf products declined in the past 12 to 18 months.

- DowAgroSciences has made significant efforts to educate its product dealers and users about compost issues, and Dow advised users to discontinue residential lawn uses of clopyralid after DPR initiated cancellation action for that use.

- Professional lawn and turf associations and the University of California Cooperative Extension Service raised awareness of the issue in meeting presentations, magazine articles, newsletters and Web postings.

- No phytotoxicity resulting from clopyralid in compost has been reported to DPR during the last 18 months. A recently submitted study examined the phytotoxicity of clopyralid to sensitive plants under defined conditions of soil/compost and compost/peat combinations with varying levels of clopyralid. The Dow-funded study suggested a low probability of phytotoxicity on sensitive plants, given detected levels in California compost. Members of the compost industry reviewed a summary of the study and discussed it with DPR.

However, AB 2356's definition for persistent residues in compost covered a broad range of characteristics with potential toxicity: "residues of an herbicide in compost at levels and in a form with the potential to be toxic or injurious to plants." Based on the law and the joint investigation with IWMB staff, DPR acknowledged the potential diverse uses of compost in commercial agriculture, the nursery industry, and home gardens. Under the law's criteria, DPR determined it was possible that persistent residues in compost could occur from turf uses of clopyralid.

One of six boards and departments within the California Environmental Protection Agency, DPR regulates the sale and use of pesticides to protect people and the environment.

DPR media contact:
Glenn Brank (916) 445-3974

Superintendent Profile

Daniel Moak

Diablo Grande (The Legends West)

Position: Superintendent

Years in the Golf Business: 10

Previous Employment: The Links at Spanish Bay

Education: BS from Cal Poly SLO

GCSANC Work or Interests: None Currently

Family: Wife Kelly, daughters Madisyn and Payton

Interests Outside of Golf: Hunting and Fishing

Favorite Vacation: Tahoe

Favorite Course to Play: Spanish Bay

Course You'd Like to Visit: Augusta National

Strangest Thing You've Witnessed On The Golf Course: We had sheep grazing the fairway at Spanish Bay for a commercial.

What You'd Be Doing If You Weren't Involved With Golf: Landscaping

Diablo Grande - The Legends West

Host of the Superintendent Pro Invitational on June 16



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