

Turf and Ornamental Weed Management (from the turf and ornamentals panel discussion)

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Fortunately, there are many informational resources available to turf and ornamental managers to aid them in their efforts to control weeds. I will deal with only a few of the public sector sources.

University of California

There is a Cooperative Extension Office located in each county of California with Farm Advisors available to help with the questions and problems associated with crop (including turf and ornamentals) production and management. In many urban areas there is also a program, Master Gardeners, which is staffed by University trained volunteers who help to alleviate the load on Farm Advisors by answering telephone calls, giving demonstrations, etc.

Specialists are located on both the Davis and the Riverside campuses of the University that support Farm Advisors efforts and develop and publish information on production and management of turf and ornamentals.

There are many different types of University publications, each county office maintains lists of available publications. In some cases there is a charge for these publication depending on their length and printing costs. Visit the office nearest you and become familiar with this wide array of information. These publications include:

- Farm Advisor newsletters
- County publications
- University bulletins
- IPM circulars and bulletins
- Identification manuals and books

Farm Advisors and University Specialists hold and participate in informational conferences, seminars and field meetings that deal with production, management, and economics of turf and ornamentals. Make sure that you are on the various county and University mailing lists for these meetings.

The Internet

The Internet is a vast resource of information on almost any subject. One has to be careful, however, when interpreting this information. Much of it comes from entirely different geographic regions with different climates, soil types, and turf and ornamental varieties. The University of California has several internet sites which can be very beneficial (these include IPM, WRIC, and the UCR Botany home pages). The UC IPM group at UC Davis has a homepage (www.ipm.ucdavis.edu) with lots of good information. It has Pest Notes, IPM Guidelines for various crops including turf, weed pictures, and more. Pest Notes is a new publication which has identification and control information on several important weed pests. The crops guidelines section has information on the management of many pests including weeds on most crops. WRIC is a new homepage (wric.ucdavis.edu) of the Weed Research and Education Center in the Vegetable Crops Department at Davis. The Botany Department at Riverside has a homepage (cnas.ucr.edu/~bps/hcoopext) which contains descriptions of several weeds, a thorough review of the nutsedges, and the world's largest susceptibility chart (72 weeds and 62 herbicides for over 4400 ratings). The susceptibility chart may be downloaded as an EXCEL chart.

Weed Science Organizations

The California Weed Science Society has an annual Conference, a textbook (*Principles of Weed Control in California*), and is helping to sponsor a new weed identification guide by Joe DiTomaso which will be published in the next few years.

The Western Weed Science Society has an annual educational conference, publishes *Weeds of the West* (a popular weed identification guide), and a biological control guide. They have a homepage with more information (www.wsweedscience.org). There are other regional Weed Science organizations from the South, Northeastern, etc., that publish useful guides and books.

The Weed Science Society of America has an annual educational conference, publishes two journals (*Weed Science* and *Weed Technology*) which contain the latest information on pertinent weed science investigations in the world. The Society also publishes many useful reviews and guides including the Herbicide Handbook which is the best single informational guide on herbicides – a must for every Weed Scientist. The web page for the WSSA is extensive and contains links to other useful pages (ext.agn.uiuc.edu/wssa).