

UC Weed Workgroup Meeting

November 13-14, 2001
University of California, Davis

*2002 meeting to be held in Salinas on November 12-13, 2002.

AGENDA

Tuesday, November 13, 2001

- 10:00 AM Coffee and rolls
- 10:15-10:20 Welcome, & theme "nontraditional weed control" - Steve Fennimore
- 10:20-10:40 Organic agriculture, weed control research needs - Eric Brennan, USDA-ARS, Salinas
- 10:40-11:00 Soil solarization, acetic acid where do we go from here? - Clyde Elmore
- 11:20-11:40 Brush hoe for weed control in vegetables - Richard Smith
- 11:40-12:00 Discussion of plans for the GPS project funded by DANR - Tom Lanini
- 12:00-1:00 Lunch - box lunches
- 1:00-1:30 Rick Melnicoe, Director Pest Management Centers, & Becky Sisco, Director, Western IR-4 Program
- 1:30-1:45 Ideas for new DANR projects - Steve Fennimore
- 1:45-3:15 Breakout sections: Vegetable crops or Non-crop areas
- 3:15-3:30 Break
- 3:30-5:00 Breakout sections: Trees & vines, or Turf and ornamentals

*Dinner—Tom and Brenda Lanini's House

Wednesday, November 14, 2001

- 7:45 AM Coffee and rolls
- 8:00-9:30 Breakout sections: Agronomic or Aquatic
- 9:30-9:45 Break
- 9:45-11:15 Section reports, future agenda and priorities
- 11:15-12:00 Discussion of new position needs
- Faculty needs - Joe DiTomaso
 - Farm advisor needs - Richard Smith
- 12:00-12:45 Executive committee meeting (working lunch)
Committee members: Mick Canevari, Albert Fischer, Dave Cudney, Steve Fennimore, Jodie Holt, Richard Smith
- 12:00-1:00 Lunch (box lunches)
- 1:15 to 4:00 Digital camera training workshop (confirmed)
- Adjourn

Business

Commodity Reports

Vegetable section notes (submitted by Steve Fennimore)

Asparagus

Milestone, Sandea and Valor are being evaluated for weed control in asparagus. Sandea provides good nutsedge and perennial pepperweed control. Valor is a current IR-4 project, and a crop tolerance is being pursued for asparagus.

Broccoli

Authority (sulfentrazone) is safe applied preemergence in broccoli at 0.11 to 0.15 lb ai/A and provides excellent shepherds-purse control. The manufacturer has not yet decided whether to register Authority in California, so no further work is planned in the short term. Pyridate at 0.23 lb ai/A applied postemergence provided acceptable weed control and was safe on the crop.

Celery

Dual Magnum and sulfentrazone have been evaluated in celery, and have provided good weed control and were safe on the crop.

Lettuce

- Roundup Ready lettuce has been evaluated, and provides excellent control of most weeds in lettuce except burning nettle and little mallow. Crop tolerance is excellent.
- Muster herbicide will be evaluated in lettuce in 2002.

Onions

Valor provided excellent weed control in bulb onions when applied at the 2-leaf stage of onion. However, crop tolerance was much better at the 6-leaf stage. Valor was evaluated in green bunching onions, but crop tolerance was not acceptable.

Tomato

- Roundup Ready tomato was evaluated, but the crop tolerance was not acceptable.
- Dual Magnum has a section 18 for use on processing tomato. Dual Magnum + Shadeout or Dual Magnum + Devrinol are excellent preemergence treatments in tomato.
- Sulfosulfuron was safe on tomato and provided control of dodder. However, this herbicide has difficult plantback restrictions, for example, only wheat can be planted within 12 months after use.

General

DRA35 is a very effective organic approved burndown "herbicide" product. It provided excellent control of small weeds.

Turf and Ornamentals

Turf

Ornamentals

Non-Crop

Agronomic Session

Alfalfa

Beans
Clover
Cotton
Corn
Small Grains
Sugar Beet
Rice

Notes of Executive Committee Meeting

November 14, 2001

The committee is composed of:

- 2- UCCE Weed Specialist or Statewide IPM Advisor
- 2- UC Academic Senate Faculty or USDA Scientist
- 2- UCCE Farm Advisor

Weed Workgroup Executive Committee

(2002 Co-Chairs in bold)

<i>Term ends November</i>	<i>Name</i>	<i>Representing</i>
2002	Dave Cudney	UCCE Specialist
2002	Mick Canevari	UCCE Farm Advisor
2002	Albert Fischer	UC Academic Senate Faculty
2004	Steve Fennimore (co-chair)	UCCE Specialist
2004	Richard Smith (co-chair)	UCCE Farm Advisor
2004	Jodie Holt	UC Academic Senate Faculty

1. The next meeting will be held on November 12 and 13, 2002 in Salinas, CA. The meeting site will either be the USDA Station conference room or at the Monterey County Ag. Center conference room.
2. Richard Smith and Steve Fennimore will co-chair the 2002 meeting.
3. We will likely have a GPS training session at the 2002 meeting.
4. A short tour will likely be conducted either to look at plots or possibly some industry sites such as a salad plant.
5. No current committee member terms expire, so the committee will stay intact.