

52nd Annual Weed Day

July 17, 2008 ■ Buehler Alumni Center, UC Davis

7:30 AM Registration–Buehler Alumni Center
8:00 Welcome and Announcements–*Joe DiTomaso, UC Davis*
8:15 Buses leave the Buehler Alumni Center

Field applied research and demonstrations–UC Davis Farm; Weed identification quiz

8:30-9:00 Weed control in tomatoes with organic herbicides–*Shosha Capps and Tom Lanini, UC Davis*
A field trial where various postemergence organic herbicides are being tested as directed sprays in transplanted tomatoes.

9:00-9:20 WALK TO NEXT AREA
Weed control in cantaloupe, honeydew melon, and watermelon with new herbicides–*Tom Lanini*
The tolerance of different melon types to new herbicides is being evaluated in this field trial.

9:20-9:40 WALK TO NEXT AREA
Dodder management in processing tomatoes–*Coby Goldwasser and Tom Lanini*

9:40-10:05 WALK TO NEXT AREA
New glyphosate formulation efficacy in late-season yellow starthistle– *Joe DiTomaso and Guy Kyser*

10:05-10:40 LOAD BUSES
Break at the USDA Aquatic Research Facility; weed identification quiz
Aquatic weed demonstrations and research–*Lars Anderson and Dave Spencer, USDA-ARS*

10:40-11:20 LOAD BUSES
Simulated drift of herbicides on tree and vine crops–*Tom Lanini*
Very low rates of herbicides are directly applied to tree and vine crops to demonstrate the symptoms from seen from drift

11:20-11:40 LOAD BUSES
Payload combinations for control of yellow starthistle–*Joe DiTomaso and Guy Kyser, UC Davis*

11:40-12:00 LOAD BUSES
Switchgrass response to environmental variables–*Jacob Barney and Joe DiTomaso, UC Davis*

12:00 LOAD BUSES
Buffet lunch, weed ID specimens and answers, open discussion on weed topics

Research Presentations–AGR Room

- 1:00 PM Weed ID quiz–*Ellen Dean and Jean Shepard, UC Davis Center for Plant Diversity Herbarium*
- 1:15 Online interactive weed identification–*Joe DiTomaso, UC Davis*
- 1:30 Medusahead biology as the basis for its control–*Emilio Laca, UC Davis*
- 1:45 Selective control of annual grasses infesting perennial grass habitat–*Carl Bell, UC Cooperative Extension County of San Diego*
- 2:00 Managing Giant Reed (*Arundo donax*)–*David Spencer, USDA ARS Exotic & Invasive Weeds Research Unit*
- 2:15 Update on tamarisk biocontrol– *Ray Carruthers, USDA ARS*
- 2:30 Break (15 minutes)
- 2:45 Natural hybridization of invasive and native blackberries in Northern California–*Lindsay Clark and Marie Jasieniuk, UC Davis*
- 3:00 Cultivated origins of invasive brooms in California–*Annabelle Kleist and Marie Jasieniuk, UC Davis*
- 3:15 Precision guided cultivation in lettuce–*Christina George and Steve Fennimore, UC Davis*
- 3:30 Distribution of Glyphosate-Resistant Horseweed in the Central Valley–*Brad Hanson, USDA-ARS*
- 3:45 Using bioclimatically based models to predict potential invasive species dispersal in California–*Scott Steinmaus, California Polytechnic State University, San Luis Obispo*
- 4:00 Evaluation
- 4:05 Adjourn