

**NON-CHEMICAL TECHNIQUES BEST MANAGEMENT PRACTICES TRAINING
AGENDA**

Richard C. Trudeau Center, 11500 Skyline Blvd., Oakland, CA 94619, 25 Feb 2020
Core Instructors: Pamela Beitz (East Bay Regional Parks District), Jutta Burger (California
Invasive Plant Council), Tom Getts (UC ANR), Cheryl Wilen (UC ANR)

8:30 - 9:00 *Registration, coffee, mingling*

9:00 - 9:30 **Introduction, Background, and General BMPs.** *Jutta Burger (Cal-IPC), Cheryl Wilen (UCANR)*

Introduction to non-chemical techniques as part of an IPM program. Overview of general hazards. Overview of reasons for using non-chemical techniques. Overview of factors affecting efficacy of tools (plant type, site conditions, operator training).

9:30 - 12:10 **Demonstration Stations**

Each demonstration station will have its own practitioner lead, who will provide an overview of the non-chemical technique and tools associated with it, the range of plants that the technique is effective on, the various environments that it can and cannot be used in, how to use the associated tools, and cautions associated with using them. Demonstration tools and equipment will be on site and, where feasible, demonstrations will be given. *20 minutes per station. Times represent start times.*

Station 1 – Whole Plant Removal – Hand Tools 9:30, 10:10, 10:50, 11:30.

Rachel Kesel (OneTam)

Station 2 – Mulching / Solarizing / Tarping 9:50, 10:30, 11:10, 11:50.

Kimberly Crispin (EBRPD)

Station 3 – Girdling, Frilling, Bark Peeling 9:30, 10:10, 10:50, 11:30.

Marie Reil or Heather DeQuincy (EBRPD)

Station 4 – Repeated Cutting (Pruners, Loppers, Shears, Saws); Bladed Hand Tools 9:50, 10:30, 11:10, 11:50.

Patrick McIntyre (EBRPD); Carolyn Criso (EBRPD)

Station 5 – Mowing / Cutting with Weed Wackers 9:30, 10:10, 10:50, 11:30.

Tom Getts (UC ANR)

Station 6 – Flaming 9:50, 10:30, 11:10, 11:50.

Pamela Beitz (EBRPD)

Station 7 – Steaming 9:30, 10:10, 10:50, 11:30.

Cheryl Wilen (EBRPD)

Station 8 – Scraping / Hoeing 9:50, 10:30, 11:10, 11:50.

Anthony Perry (EBRPD)

12:10 - 1:00 **LUNCH**

1:00 - 1:10 Mowing/cutting and removing plants with large equipment. *Pamela Beitz (EBRPD) and Tom Getts, (UCANR)* will provide an overview of the use of large equipment for weed control and specifically describe equipment used for mowing and whole plant excavation. They will cover the specific conditions, plants, and environments best suited for these techniques and describe cautions and limitations to using them.

1:10 - 1:30 Burning. *JP Marie (UCANR)* will provide an overview of controlled burning as a weed control technique. The presentation will include a description of the planning and equipment needed to conduct a burn, the weeds that burning is most effective on, the habitats most suited to it, the importance of timing, methodology while conducting a burn and cautions associated with it.

1:30 - 1:50 Biological Interventions: Grazing with cattle, sheep, goats. *Theresa Becchetti (UCANR)* will provide an overview of grazing as a targeted weed control technique. The presentation will include a description of planning, contractors, and on-site equipment needed to graze effectively for weed control. The speaker will also cover the plant types and environments that grazing is most effective on as well as cautions associated with using this technique.

1:50 - 2:00 Biological Interventions: Competitive plantings. *Jeanne Hammond (Olofson Environmental)* will provide an overview of competitive planting as a method to not only reduce weed cover but also to enhance habitat. Specific weeds and site conditions that this technique works best on will be described and useful plants for competitive planting will be highlighted. Speaker will also cover risks associated with competitive planting, such as the transport and introduction of pathogens.

2:00 - 2:10 Biological Interventions: Biological control. *Patrick Moran (USDA)* will provide an overview of biological control as a technique to reduce specific target weeds. Successful biological control agents and their host plants will be described as well as best practices to maintain their efficacy. Speaker will also cover cautions associated with biocontrol agents.

2:10 - 2:30 Wrap-up and Discussion

2:30 Adjourn