

University of California Alfalfa Workgroup
2020 Alfalfa Integrated Pest Management Virtual Workshop
December 3-4, 2020 (9a.m-Noon. each day)
PCA, CCA Credits offered

Program Organized by: *University of California Cooperative Extension, UC Davis, UC Agriculture & Natural Resources.*

Organizers: Daniel H. Putnam, UC Davis; Ian Grettenberger, UC Davis; Michelle Leinfelder-Miles, UCCE Delta Region; Rachael Long, UCCE Yolo/Solano/Sacramento.

Day 1. December 3, 2020 – UC Alfalfa IPM Workshop – Weed Management

8:45 *Log in*

9:00 *Introduction (Daniel Putnam, Moderator)*

9:05 *Price & acreage trends in western alfalfa hay markets – Josh Callan, The Hoyt Report, Twin Falls, ID*

9:25 *California regulatory update—Dennis Albiani, Agriculture Association Management, Sacramento, CA*

9:45 *Key agronomic strategies to fight weeds, insects, diseases in alfalfa- Dan Putnam, UCCE, UC Davis, CA*

10:05 *Poisonous weeds of concern in alfalfa—Larry Forerro, UCCE Shasta County, Redding, CA*

10:25 IPM Discussion

10:35 BREAK
(Rachael Long, Moderator)

10:45 *Weed control strategies during alfalfa stand establishment and production years—Earl Creech, Utah State University, Logan, UT*

11:05 *Recent Weed control trials in alfalfa- Tom Getts, UCCE, Lassen County, Susanville CA, Giuliano Galdi, UCCE Siskiyou County, Yreka, CA*

11:25 *Management of weeds in pastures—Josh Davy, UCCE, Tehama, Glenn and Colusa Cos., Red Bluff, CA*

11:45 IPM Discussion

12:05 Adjourn

Day 2 – December 4, 2020 – UC Alfalfa IPM Workshop—Insects and Diseases
(Ian Grettenberger, Moderator)

8:45 *Log in*

9:00 *Introduction (Ian Grettenberger, Moderator)*

9:05 *Regulatory Update: Process of pesticide regulation in California—Aron Lingren, Department of Pesticide Regulation, Sacramento, CA*

9:25 *On-line tools for pest identification, IPM strategies in alfalfa—Jose Luiz Carvalho de Souza Dias, UCCE, Merced, CA*

9:45 *Management of insecticide resistance in alfalfa— Kevin Wanner, Montana State University, Bozeman, MT*

- 10:05 The benefits of biological control in alfalfa: A case study – *Ian Grettenberger, University of California, Davis, CA*
- 10:25 IPM Discussion**
- 10:35 BREAK**
(*Michelle Leinfelder-Miles, Moderator*)
- 10:45 IPM in Forages in the low desert—*Michael Rethwisch, UCCE, Riverside County, Blythe, CA*
- 11:05 Management of summer worms and the possible use of drones for applying insecticides - *Ken Giles, Professor Emeritus, University of California, Davis, CA and Rachael Long, UCCE, Capital Corridor, Woodland, CA*
- 11:25 Key diseases in alfalfa and how to deal with them – *Deborah Samac, USDA-ARS, St. Paul, MN*
- 11:45 **IPM Discussion**
- 12:05 **Adjourn**