Calibrating Herbicide Application in Wildland and Non-Crop Sites

Mission Trails Regional Park 1 Father Junipero Serra Trail, San Diego, CA 92119

Agenda for February 6, 2025, 9:00 AM - 3:30 PM

This training will focus on herbicide calibration and techniques for spot and broadcast backpack spraying, stump cut, basal bark, and drill and fill in wildland and non-row crop settings. Calibration math, nozzles, and herbicide application basics will also be covered.

TOPIC	TIME	DURATION	SPEAKER
Registration and pre-assessment	9:00-9:15 AM	15 min	
Welcome: Housekeeping	9:15- 9:20 AM	5 min	Jason Allen
Calibration math: How to calibrate different pieces of equipment, benefits of using calibrated equipment, open discussion with the instructor.	9:20 - 10:15 AM	55 min	Chris McDonald
Travel to Field Site	10:15 - 10:30 AM		
Hands-on calibration demonstration and training Small groups rotate through 4 stations • Broadcast spray w. backpack • Broadcast spray w. guns • Spot spray techniques & non-target reduction • Stump cut, basal bark, drill and fill, low volume	10:30-12:30 PM	2.0 hrs	Chris McDonald, Jason Allen, Tracie Nelson, Jonathan Applebaum
Travel back to visitor center and Lunch BREAK	12:30 –1:30		
Nozzle Demonstration and Training	1:30 – 2:00 PM	0.5 hr	Chris McDonald
Tips Tricks, IPM and integrating chemical and non-chemical techniques	2:00-2:20	0.25 hr	Jason Allen
Post-assessment, review and lessons learned Post-assessment completed. Review of data collected during hands-on stations. Review of calibration math and calibration worksheets. Post-assessment completed. Conclusion.	2:20 - 3:30 PM	70 min	Chris McDonald, Jason Allen, Tracie Nelson, Jonathan Applebaum

Calibration workshop organizers

Chris McDonald, University of California Cooperative Extension

Jason Allen, City of San Diego

Tracie Nelson, Ca. Department of Fish and Wildlife

Jonathan Applebaum, Private biological consultant

We have been approved for 4.5 DPR hours