



LC Valley 509.758.5949
Palouse 509.332.5555
Walla Walla 509.529.9150
Toll-Free 800.422.4803

www.SunPest.com
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PMP BOOT CAMP

*** LATE SEASON PESTICIDE APPLICATOR RECERTIFICATION CREDITS ***

Credits approved in Idaho (6), Washington (6), and Oregon (7)

Where: Sun Pest Management presentation room, 1140 15th Street, Clarkston, WA

When: December 20, 2012

Cost: \$20

Seating is limited. Please register by December 14, 2012. See front desk for details.

See course descriptions on the next page.

PMP Boot Camp Course Outline
Seminar Date: December 20, 2012

Morning Session 8:00am - 11:50am

8:00 - 8:30am Registration

8:30 - 9:30am Start the Day Right: Knowledge is Power, Christopher Cable

A review of the basics necessary to safely and professionally perform applications for new and seasoned technicians: resources for researching pest biology and latest information; glean critical information from labels, MSDS, and technical information sheets; PPE types, fitting, and use; first aid; calibration techniques for various applicators; mixing & loading.

9:30 - 9:40am Break

9:40 - 10:40am Understanding and Managing Social Insects, Russell Craber

Principles applicable to all social insects; introduction to the survival triangle for insects, and using it for IPM; latest research on supercolonies and other ant behaviors; complementary control techniques; seasonal problems, annual life cycles, and how to handle the problems they pose.

10:40 - 10:50am Break

10:50 - 11:50am From the Kitchen to the Bedroom: Pantry Pests and Bloodsuckers, Christopher Cable

Identification of pantry pests; life cycles, limitations of control techniques in providing relief, and why pesticides are rarely the answer; using pheromones and sanitation to eliminate populations; bed bug control, the importance of being thorough, and addressing reintroduction & structural problems with monitors & treatment of newly introduced items; a quick overview of fleas, lice, and ticks - what we can and can't do; remembering the survival triangle and its implications for these pests.

11:50 - 12:50pm Lunch

Afternoon Session 12:50pm - 4:10pm

12:50 - 1:50pm Occasional Invaders: Thinking Inside & Outside the Box, Christopher Cable

Spiders, the most misunderstood OI; life cycles, morphology, and the limitations of insecticides in arachnid control; some common myth-information about spiders; identifying common spiders of the PNW; review of research on residual insecticides under controlled conditions & the ramifications; a brief look at other OIs; exclusion, the best answer for all OIs; a look back at the survival triangle; a reminder on pyrethroid use; Syngenta video: Die, Pests, Die!

1:50 - 2:00pm Break

2:00 - 3:00pm Pests of the Lawn & Landscape: Tree Diseases & Parasites, Rodent Damage, Christopher Cable

Is it a problem? Distinguishing disease damage from insect or mite damage; a brief introduction to borers, scale, and aphid; mites, spider-mites, and how to tell the difference; a primer on fungal diseases of trees and shrubs; timing is everything - management methods for all the above, and when it is too little, too late; voles, gophers, and moles - how to tell the difference, how their biology affects control efforts, and a review of applicable labels & laws; critical thinking: discussion of how to apply the survival triangle to these very different pests.

3:00 - 3:10pm Break

3:10 - 4:10pm Pests of the Lawn & Landscape: Lawn Diseases & Landscape Weeds, Russell Craber

Some representative weeds; biology and implications for control; recently introduced weeds to be aware of; considerations for use of post-emergent versus pre-emergent herbicides; review of critical label information; the role of surfactants in success or failure; IPM for weeds in the lawn and the landscape; the survival triangle as it applies to weeds; lawn diseases common to the region; conditions that predispose lawns to disease, applying the survival triangle to fungi.