




WSU Pesticide Policy


Lenora Jones
Washington State Pest Management Resource Service (WSPRS)

Yakima County Master Gardener Training 2020

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Using Zoom: How do I...

- Mute or unmute?
- Find/use the chat section?
- Raise my hand?

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Today's Agenda:

- Background
- WSU Pesticide Policy - Part 1
- Definitions
- Pesticide Identification and Pesticide Labels
- WSU Pesticide Policy - Part 2
- Home Remedies
- Summary

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What is WSPRS?

- an information center that deals with pest management and pesticide questions
- review and approve all the written materials produced by WSU that mention pesticides (newsletters, extension bulletins, fact sheets, and web pages)
- assist WSU Extension researchers, agents & specialists state-wide, as well as growers, MGs, and the public

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WSU Pesticide Policy - Part 1



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WSU Pesticide Policy - Part 1

- The two most important things for you to take away from today's presentation are these:
 - There is a WSU Pesticide Policy and the contents pertain to MGs
 - MGs are responsible for periodically checking contents for updates and changes

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WSU Pesticide Policy - Part 1

- Information Location:
 - Web search *wsprs.wsu.edu*, select Employee Resources, read BPPM
 - Web search *WSU BPPM*, enter "pesticide" in the search box
 - MG program website, MG handbook (MISC0570E) and Pest Management Recommendation Agreement form

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Definitions



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Definition: Pesticide

A pesticide is any substance or mixture of substances intended for:

- ✓ preventing,
- ✓ destroying,
- ✓ repelling, or
- ✓ mitigating **any pest**



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What is a *pest*?

Any of these...

- Insect
- Rodent
- Fungus
- Nematode
- Weed
- Viruses & bacteria (except those in/on man or animals)



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Definition: Pesticide

- ▶ The term pesticide applies to **insecticides, herbicides, fungicides, and various other substances** used to control pests.
- ▶ Under United States law, a pesticide is also any substance or mixture of substances intended for use as a **plant regulator, defoliant, or desiccant**.
- ▶ Washington State also registers **adjuvants** and **minimum-risk pesticides**.



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Definition: Recommendation

- **Any written or spoken statement** which advises that a particular pesticide can be used to control a particular pest, or produce a particular result (such as a plant growth regulator or desiccant).
- From the legal standpoint of liability, there is **no difference** between the terms "suggestion," "guideline," or "recommendation".



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Definition: Pesticide Use

- The act of placing a pesticide (e.g. application to a site or crop) in such a manner to be used for controlling a pest or causing an outcome



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Definition: Pesticide Misuse

- Not following label directions or precautions because either the person
 - misunderstood the directions, or
 - didn't read the directions, or
 - consciously decided not to follow the directions



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Definition: Contract

- By offering a pesticide for sale, the registrant is providing a contractual warranty that the product will function as described on the label.
- By purchasing a pesticide, you enter into a contract with the registrant. Your responsibility is to use it as described on the label. If you don't, and the product fails to work, the contract is void.



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The LABEL is the LAW.

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.



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Pesticide Identification and Pesticide Labels



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Pesticide Identification

The definition of a pesticide is USE-based.

Ask yourself:

- Does it claim to kill, repel, control, or mitigate a pest?
- Does it claim to produce a certain outcome (e.g. plant desiccation, plant growth, enhanced activity of pesticide, etc.)?

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Pesticide Labels: How do I know if it's a pesticide?

- Tanglefoot Bird Repellent
- Hi-Yield Spreader Sticker
- Green Light Rooting Hormone
- Spa Time Brominating Floater (Sanitizer)
- Bonide Mite-X RTU
- Ortho Indoor Insect Fogger
- Kitchen Cleaner

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Key words that help ID pesticides



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Pesticide Identification and Pesticide Labels

- What about organic materials?

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Pesticide Identification: Organic Materials

- Federal and state regulations treat conventional and organic pesticides equally
- Don't confuse organic "source-based" approach to mean it's not a pesticide
- Organic materials can also harm you if not used properly

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Organic Certification for Pesticides

- OMRI (Organic Materials Research Institute)
- EPA (must have both the 3-leaf logo & EPA Reg. No.)
- WSDA Organic (logo will not appear on pesticide labels)

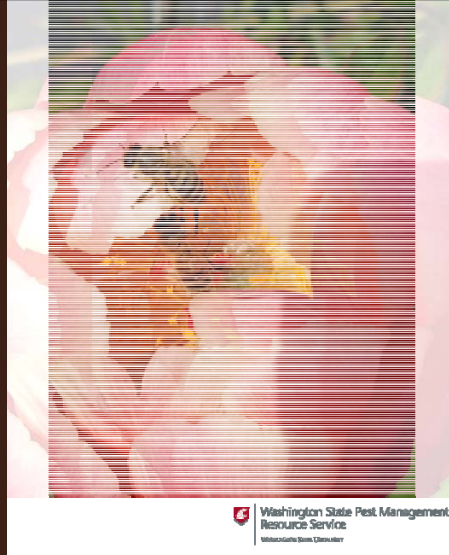


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WSU Pesticide Policy - Part 2



Pesticide Policy – Part 2

- Specific MG Sections
 - Must be a certified MG to provide information to public on WSU's behalf
 - Home & garden recommendations only
 - Only approved reference materials
 - Cannot apply anything other than H&G to WSU property
 - Must have signed Pest Management agreement on file
 - Should have written agreement with landowner (for MG Gardens)

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MG Pest Management Recommendation Agreement

Master Gardener Program
 WSU Extension Master Gardener Volunteer
 Pest Management Recommendations Agreement

Protection of the environment and human health concerns everyone. In order to reduce the misuse of pesticides and to provide safe and effective pest management methods, Washington State University (WSU) Extension Master Gardeners are required to subscribe to the following policies. This agreement will serve as a formal basis for Master Gardener involvement in pest management recommendations.

1. I understand that as a WSU Extension Master Gardener my pest management recommendations must be limited to home, lawn, and garden problems. Questions concerning commercial crop production, commercial pest management, aquatic weed management, and pesticide liability are to be referred to the county Extension Educator.
2. I understand that as a WSU Extension Master Gardener, I may only recommend a chemical for home and garden pest management if that use has been recommended by WSU. WSU Recommendations of chemicals registered for home and garden use only are contained in Home and Garden WSU Extension publications. All pest or disease uses listed on a pesticide label are not necessarily recommended by WSU.
3. I understand that as a WSU Extension Master Gardener, I may only recommend biological control organisms or other non-chemical alternatives for home and garden pest management if the recommended use is contained in current WSU Extension publications or other publications recognized as suitable by WSU Scientists.
4. I understand that as a WSU Extension Master Gardener, I will provide both chemical and non-chemical pest management recommendations always the client's choice of strategies.
5. I understand that pesticides must be applied with care and only to plants, animals, or sites listed on the label and recommended by WSU. Other mixing and spraying practices, all other precautions must be followed to protect the applicator, other persons, and the environment. It is a violation of law to disregard label directions. If there is any apparent conflict between label directions and the pesticide uses suggested by WSU publications, the county Extension Educator must be consulted.
6. I understand that as a Master Gardener, I am not required to be a licensed pest management consultant to Washington Extension employees for home and garden use only. I further understand that my compliance of WSU Extension Extension training is required for all pest management.
7. I understand that as a WSU Extension Master Gardener, I am considered a volunteer representative of WSU. Therefore, WSU will assume liability for my pest management recommendations, but only if my recommendations are based to the requirements that are both recommended by WSU for home and garden use and listed in the WSU Extension publications or other WSU-approved pest management references.

Yes, as a WSU Extension Master Gardener, I will subscribe to the above requirements.

No, I cannot subscribe to the above policy, and I understand that I therefore cannot be certified as a WSU Extension Master Gardener.

Signature _____ Date _____

Print Your Name _____

County _____

Program Coordinator: Please keep original on file in your office.

Updated 12/2014

Pesticide Policy – Part 2

- Please consider accessing WSU material through the web, especially from the Extension Publications web site.
- Hard copy materials can become dated, especially those with pesticide recommendations
- MGs are a valued resource; however, you must conform to WSU policy in the same manner as all other WSU employees

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Home Remedies



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Home Remedies: Overview

- Fact or fiction? Doesn't matter...
- Public awareness of environmental and health issues
- Wording that allows you to decline to participate in home remedy discussions with clientele

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Home Remedies: What You Need to Know for Legal Protection

- **If you claim to kill, repel or mitigate a pest with it, the material is a pesticide.**
- You can use the material on your own property without penalty as long as no one is injured and there is no environmental damage.
- You **CANNOT recommend it**, sell it, or use it on food or feed that anyone else will eat

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Home Remedies: Questions to Ask

- As a citizen-scientist, what would you want to know about a home remedy before deciding whether to use it?

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Home Remedies: Web Examples

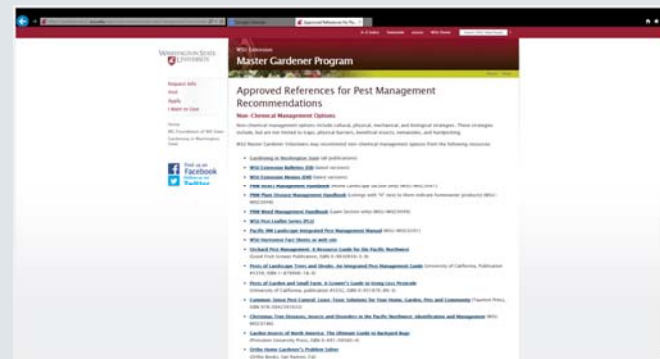
- Pour salt directly on slugs
- Soak tobacco (butts or chewing) in water. Use as insecticide.
- Mash ½ cup of pest, mix with water and strain. Dilute, add soap and apply as repellent.
- Mix Listerine, dish soap, water and lemon juice and spray for grub control.
- Mix boric acid and sugar and use to “butter” slice of bread for ant control

The only exception...



Some Approved Online Resources for MGs

Approved Resources from the Statewide MG Site



Approved Resources from the Statewide Site - Chemical Management Options

Chemical Management Options

Chemical management options include products such as soaps, botanical insecticides, horticultural oils, potassium bicarbonate, and synthetic pesticides.

WSU Master Gardener Volunteers may recommend chemical management options registered for home and garden use only from current WSU Extension references, which include:

- WSU Extension Bulletins (EB) (latest versions)
- WSU Extension Memos (EM) (latest versions)
- PNW Insect Management Handbook (WSU-MISC0047)
- PNW Plant Disease Management Handbook (Home Landscape section only) (WSU-MISC0048)
- PNW Weed Management Handbook (Lawn section only) (WSU-MISC0049)
- WSU Pest Leaflet Series (PLS)
- WSU Hortense Fact Sheets or web site
- Grow Smart, Grow Safe

Approved by: Catherine H. Daniels, Ph.D., Pesticide Coordinator, WSU Puyallup, WA State Pest Management Resource (WSPRS)

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WSU Publications

Washington State University Extension Publications

Categories: Gardening

- General Gardening
- Master Gardener
- Plant Pests and Diseases

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Pest Leaflet Series (PLS) from Puyallup Plant & Insect Diagnostic Lab

- PLS 1 Red-Tailed Maggots (pdf)
- PLS 2 Common Ceratophyllids of Washington (pdf)
- PLS 3 Most Common Butterflies in the PNW (pdf)
- PLS 4 Horntail Wings (pdf)
- PLS 5 June Beetles (pdf)
- PLS 6 Pseudoscorpions (pdf)
- PLS 7 March Flies (pdf)
- PLS 8 Scaleflies (pdf)
- PLS 9 Mantids in Washington (pdf)
- PLS 35 The Giant Water Bug (pdf)
- PLS 36 Thrips (pdf)
- PLS 37 Raspberry Swallow (pdf)
- PLS 39 Nematodes (pdf)
- PLS 41 Longhorn Beetle Characteristics (pdf)
- PLS 42 Crickets-Prevention and Management (pdf)
- PLS 44 Scavenger Beetles and Fungus Beetles (pdf)
- PLS 45 Chronomid Midges (pdf)
- PLS 85 Lady Beetles (pdf)
- PLS 86 Minute Pirate Bug (pdf)
- PLS 88 Crab Spiders (pdf)
- PLS 89 Eriophyes Mites (pdf)
- PLS 90 Seed Bugs in Homes (pdf)
- PLS 91 Jumping Spiders (pdf)
- PLS 93 Centipedes (pdf)
- PLS 94 Bedbugs (pdf)
- PLS 95 Leafhoppers and Spittlebugs (pdf)
- PLS 105 Carrion Beetles (pdf)

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Pest Leaflet Series

The Pest Leaflet Series (PLS) was initiated in the WSU Puyallup Plant & Insect Diagnostic Laboratory to produce brief "bulletins" on problems frequently received at the laboratory, for which no formal extension bulletins or other readily available information exists. The PLS covers insect problems, diseases, abiotic problems, and other miscellaneous situations on which we are regularly asked to provide information.

- PLS 1 Red-Tailed Maggots (pdf)
- PLS 2 Common Ceratophyllids of Washington (pdf)
- PLS 3 Most Common Butterflies in the PNW (pdf)
- PLS 4 Horntail Wings (pdf)
- PLS 5 June Beetles (pdf)
- PLS 6 Pseudoscorpions (pdf)
- PLS 7 March Flies (pdf)
- PLS 8 Scaleflies (pdf)
- PLS 9 Mantids in Washington (pdf)
- PLS 35 The Giant Water Bug (pdf)
- PLS 36 Thrips (pdf)
- PLS 37 Raspberry Swallow (pdf)
- PLS 39 Nematodes (pdf)
- PLS 41 Longhorn Beetle Characteristics (pdf)
- PLS 42 Crickets-Prevention and Management (pdf)
- PLS 44 Scavenger Beetles and Fungus Beetles (pdf)
- PLS 45 Chronomid Midges (pdf)
- PLS 85 Lady Beetles (pdf)
- PLS 86 Minute Pirate Bug (pdf)
- PLS 88 Crab Spiders (pdf)
- PLS 89 Eriophyes Mites (pdf)
- PLS 90 Seed Bugs in Homes (pdf)
- PLS 91 Jumping Spiders (pdf)
- PLS 93 Centipedes (pdf)
- PLS 94 Bedbugs (pdf)
- PLS 95 Leafhoppers and Spittlebugs (pdf)
- PLS 105 Carrion Beetles (pdf)

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Hortense

Washington State University Extension welcomes you to

WSU Hortense

A compilation of fact sheets for managing common landscape and garden plant problems.

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Grow Smart Grow Safe



Summary

- *Thank you for observing WSU policies!*
- If you have questions about policy please contact us!
Lenora: lenora.jones@wsu.edu or 253-445-4517
Catherine: cdaniels@wsu.edu or 253-445-4611

- <http://wsprs.wsu.edu>



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Useful websites:

WA State Pest Management Resource: extension.wsu.edu/wsprs/employees/

WSU Master Gardener Program references list: mastergardener.wsu.edu/approved-references-for-pest-management-recommendations/

WSU Extension Publications (Gardening): pubs.extension.wsu.edu/gardening

WSU Puyallup Plant Clinic Pest Leaflet Series: puyallup.wsu.edu/plantclinic/pls/

WSU Hortsense: hortsense.cahnr.wsu.edu

Grow Smart Grow Safe: growsmartgrowsafe.org

National Pesticide Information Center: npic.orst.edu