

Protecting Pollinators in Your Garden

Pesticide Information

- ❖ Toxicity of adjuvants in commercial pesticides:
www.sciencedaily.com/releases/2018/03/180308120621.htm
- ❖ Find a SDS (safety data sheet) commercial pesticide: Not as safe as they seem
www.msdsdigital.com/msds-online-search
- ❖ Weed and Feed info -
<https://learn.eartheasy.com/articles/6-reasons-to-avoid-using-weed-n-feed-on-your-lawn/>
- ❖ The Xerces Society - Neonicotinoids in your Garden
<https://xerces.org/publications/periodicalsarticles/neonicotinoids-in-your-garden>

Safer Solutions

- ❖ **Beyond Pesticides** - Products Compatible with Organic Landscape Management (Pests) -
<https://beyondpesticides.org/assets/media/documents/bp-37.1-OrgLandscapeMngmt.pdf>
- ❖ **Beyond Pesticides** - Fertilizers Compatible with Organic Landscape Management -
<https://beyondpesticides.org/assets/media/documents/bp-37.3-fa17-Fertilizers.pdf>
- ❖ **Non Toxic Neighborhoods** - how to create pesticide-free cities and schools -
<https://nontoxicneighborhoods.org/organic-toolkit>
- ❖ Peaceful Valley - products for weeds and pests:
www.groworganic.com/weed-and-pest-control.html
- ❖ Vinegar for weeds -
<http://homeguides.sfgate.com/kill-weeds-driveway-salt-brine-vinegar-92123.html>
- ❖ Ashland Garden Club - how to manage blackspot on roses -
<https://ashlandorgardenclub.wordpress.com/2011/10/11/blackspot-on-roses/>
- ❖ Guide to Sheet Mulching -
http://projectgrowgardens.org/uploads/media_items/cecguidesheetmulchgardening-smg-1.official.pdf
- ❖ **PPRV's list of local nurseries that (mostly) do not sell plants with neonicotinoids**
www.pollinatorprojectroguevalley.org/neonics
- ❖ Video about parasitic wasps and aphids - <https://www.youtube.com/watch?v=Bc69LLLEQRk>
- ❖ NCAP's video of beneficial insects - www.youtube.com/watch?v=uLJRvu7EDP4
- ❖ A Pocket Guide of Common Natural Enemies of Crop and Garden Pests in the Pacific Northwest
https://catalog.extension.oregonstate.edu/sites/catalog/files/project/pdf/ec1613_o.pdf
- ❖ Encouraging Beneficial Insects in Your Garden -
<https://catalog.extension.oregonstate.edu/sites/catalog/files/project/pdf/pnw550.pdf>
- ❖ Plants that Attract Beneficial Insects
https://docs.wixstatic.com/ugd/9290bd_96ac2bd9b5ab49e390409103ff830448.pdf
- ❖ The Rogue Buzzway - www.pollinatorprojectroguevalley.org/rogue-buzzway-project

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A Few Great Books

- ❖ *Good Bug Bad Bug*, by Jessica Walliser
- ❖ *Attracting Native Pollinators*, by The Xerces Society
- ❖ *Good Weed Bad Weed*, by Nancy Gift

What About Mosquitos?

**Get on Jackson County Vector Control District No-Spray List:
jevcd.org/no-spray/**

Deltagard label

<https://www.environmentalscience.bayer.us/-/media/prf/unitedstates/documents/resource-library/product-labels/deltagard.ashx>

ACTIVE INGREDIENT: **Deltamethrin**

..... 2.0% OTHER INGREDIENTS
:..... 98.0% TOTAL : 100.0%

ENVIRONMENTAL HAZARDS This product is **extremely toxic to fresh water and estuarine fish and invertebrates**. Runoff from treated areas into a body of water may be hazardous to fish and aquatic invertebrates. Do not apply over bodies of water (lakes, rivers, permanent streams, natural ponds, commercial fish ponds, swamps, marshes, or estuaries), except when necessary to target areas where adult mosquitoes are present, and weather conditions will facilitate movement of applied material away from the water in order to minimize incidental deposition into the water body. Do not contaminate water when disposing of equipment rinsate or wash waters. When used for mosquito adulticiding; This pesticide is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow drift when bees are foraging the treatment area, except when applications are made to prevent or control a threat to public and / or animal health determined by a state, tribal or local health or vector control agency on the basis of documented evidence of disease causing agents in vector mosquitoes, or the occurrence of mosquito-borne disease in animal or human populations, or if specifically approved by the state or tribe during a natural disaster recovery effort. When applied outdoors for fly control; **This pesticide is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow drift when bees are foraging the treatment area.**

Oregon Department of Fish and Wildlife

http://www.dfw.state.or.us/fish/water/vector_control_guidance.asp

"Adulticides: Since adulticiding is not highly selective and non-target species can be adversely affected, ODFW is concerned about potential short and long term impacts from adulticiding to fish, wildlife, and habitats in sensitive areas. Control methods that minimize the occurrence of adults, such as increasing predator diversity or larviciding with more target-specific products, are preferable."

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