

Resources for Pesticide Information

National Pesticide Information Center

Day 2 – September 20, 2022

NPIC Fact Sheets- One stop shop for chemical, environmental, & health info

NPIC Active Ingredient General Fact Sheets (general audience)

<http://npic.orst.edu/ingred/specchem.html>

Click on active ingredient from the list to go to a “hub” page.

To view the entire fact sheet, click this icon at bottom of page:



General
Fact Sheet

Archived Technical Fact Sheets (professional audience)

<http://npic.orst.edu/factsheets/archive/>

Health effects information

For information on acute health effects:

State of New Jersey Right to Know Hazardous Substance Fact Sheets

<https://web.doh.state.nj.us/rtkhsfs/factsheets.aspx>

Recognition and Management of Pesticide Poisoning (information grouped by pesticide chemical class)

<http://npic.orst.edu/rmpp.htm>

Includes signs and symptoms, medical treatment, and lab testing confirmation

For questions about chronic risk (e.g. cancer, developmental harm):

EPA Chemicals Evaluated for Carcinogenic Potential (cancer only)

http://npic.orst.edu/chemicals_evaluated.pdf

California’s Prop 65 List (cancer and developmental/reproductive effects i.e. birth defects)

<https://oehha.ca.gov/proposition-65/proposition-65-list>

Note: chemicals are only *on* the list if California considers them to contribute to cancer or birth defects



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Chemical properties and behavior in the environment

Herbicide Properties Tool

(For most user-friendly interface, click on active ingredient from list, or use search tool. Don't use "Show full table view")

<http://npic.orst.edu/HPT/>

Pesticide Properties Database, University of Hertfordshire

<https://sitem.herts.ac.uk/aeru/ppdb/en/atoz.htm>

Wildlife and pollinators

See how toxic an active ingredient is to pollinators:

How to Reduce Bee Poisoning from pesticides, Pacific Northwest Extension (label still takes precedence)

<https://catalog.extension.oregonstate.edu/sites/catalog/files/project/pdf/pnw591.pdf>

Aquatic Life Benchmarks and Ecological Risk Assessments for Registered Pesticides

<https://www.epa.gov/pesticide-science-and-assessing-pesticide-risks/aquatic-life-benchmarks-and-ecological-risk>

Regulatory resources

Find copies of product labels:

NPRO (NPIC Product Research Online)

<http://npic.orst.edu/NPRO/>

Search labels of over 400,000 registered products, using EPA Reg. Number, Active ingredient, and more

Search residue tolerances for crops:

Food and Drinking Water Limits for Pesticides

<http://npic.orst.edu/reg/tolerance.html> (page has a link to the eCFR (electronic Code of Federal Regulations))

Search the CFR by active ingredient for a list of tolerances for residues for various commodities.

Search the CFR by commodity (e.g. "brassica," "corn") to see the list of active ingredients that include a tolerance for that commodity. Use the [Food and Feed Commodity Vocabulary](#) to ensure you are searching for the right commodity.

Access EPA documents related to active ingredients:

Pesticide Chemical Search (search by chemical, use tabs along the top to find relevant EPA publications)

<https://ordspub.epa.gov/ords/pesticides/f?p=chemicalsearch:1>

[Regulations.gov](#)

Search by active ingredient, filter by document type, agency, date