



PESTICIDE DRIFT – PROBLEMS & SOLUTIONS COMMISSION ON CLIMATE & ENVIRONMENT

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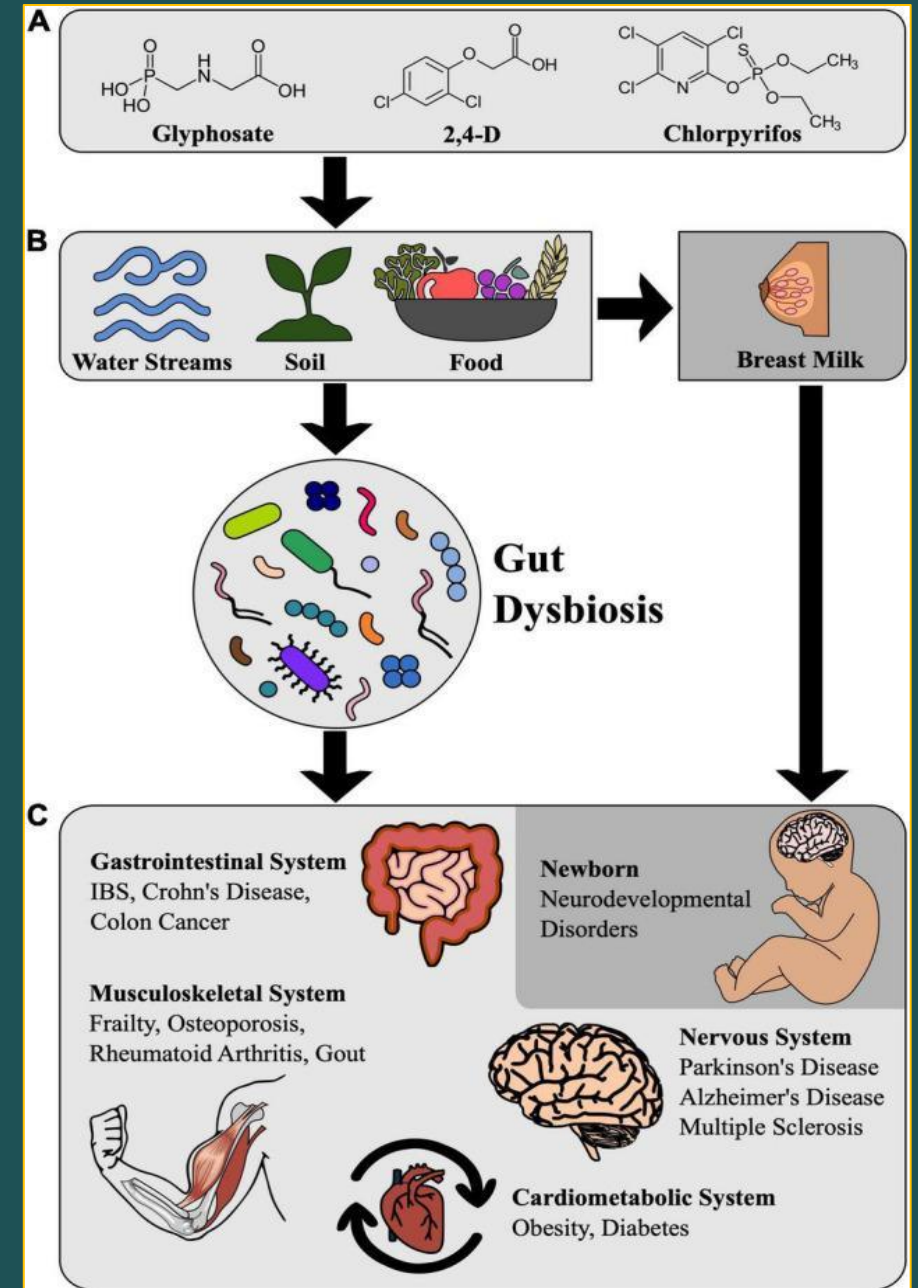


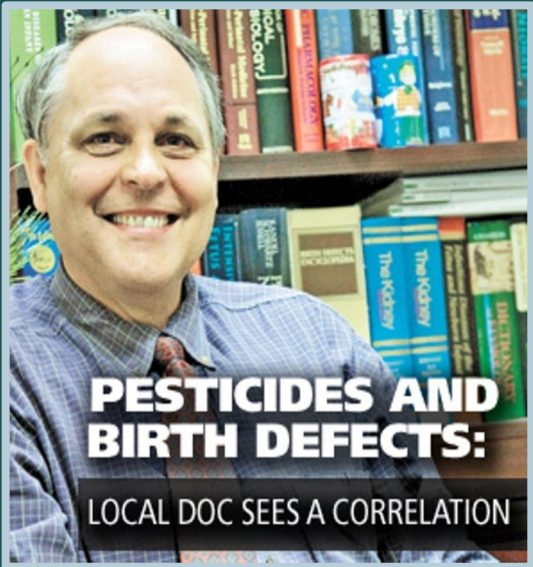
Pesticide-environment-health connections: Gut dysbiosis

Pesticide residues in soil, water, and food can cause gut dysbiosis in humans.

Pesticide residues in breast milk can also impair infant neurodevelopment.

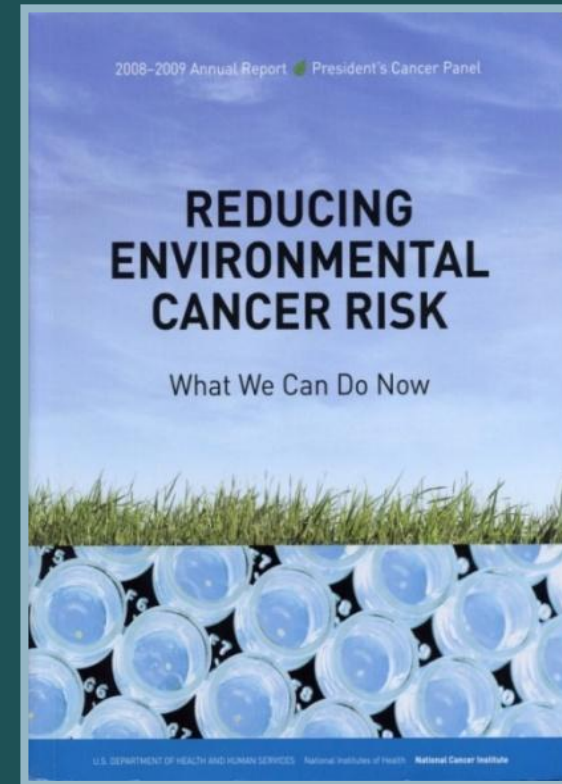
“Due to extensive reciprocal association between the gut microbiome and ... nervous, endocrine, and immune systems, ... should stimulate new guidelines limiting human exposure to pesticides.”





“Counties with the highest pesticides rates have the highest birth defects rates.”

Paul Winchester, M.D.



“Safer alternatives... urgently needed.”

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2667895/>

https://deainfo.nci.nih.gov/advisory/pcp/annualreports/pcp08-09rpt/pcp_report_08-09_508.pdf

"DDT is good for me-e-e!"

The great expectations held for DDT have been realized. During 1946, exhaustive scientific tests have shown that, when properly used, DDT kills a host of destructive insect pests, and is a benefactor of all humanity.

Pennsalt produces DDT and its products in all standard forms and is now one of the country's largest producers of this amazing insecticide. Today, everyone can enjoy added comfort, health and safety through the insect-killing powers of Pennsalt DDT products . . . and DDT is only one of Pennsalt's many chemical products which benefit industry, farm and home.

GOOD FOR FRUITS—Bigger apples, juicier fruits that are free from sticky worms—all benefits resulting from DDT dusts and sprays.

GOOD FOR STEERS—Red grows earlier, more dry . . . for it's a scientific fact that—compared to untreated cattle—red steers gain up to 20 pounds extra when protected from horn flies and many other pests with DDT insecticides.

KEEP FOR THE HOME—Keep DDT in your healthiest, more comfortable home, protect your family from dangerous insect pests. Use Knex-Out DDT Powder and Sprays as directed . . . then watch the bugs "bite the dust!"

KEEP FOR DAIRIES—Up to 20% more milk . . . more butter . . . more cheese . . . tests prove greater milk production when dairy cows are protected from the annoyance of many insects with DDT insecticides like Knex-Out Stick and Barn Spray.

GOOD FOR ROW CROPS—25% more growing plants. Less . . .

KILLING SALT CHEMICALS
87 Years' Service to Industry • Farm • Home

She longed for a Star Trek-type doctor with a



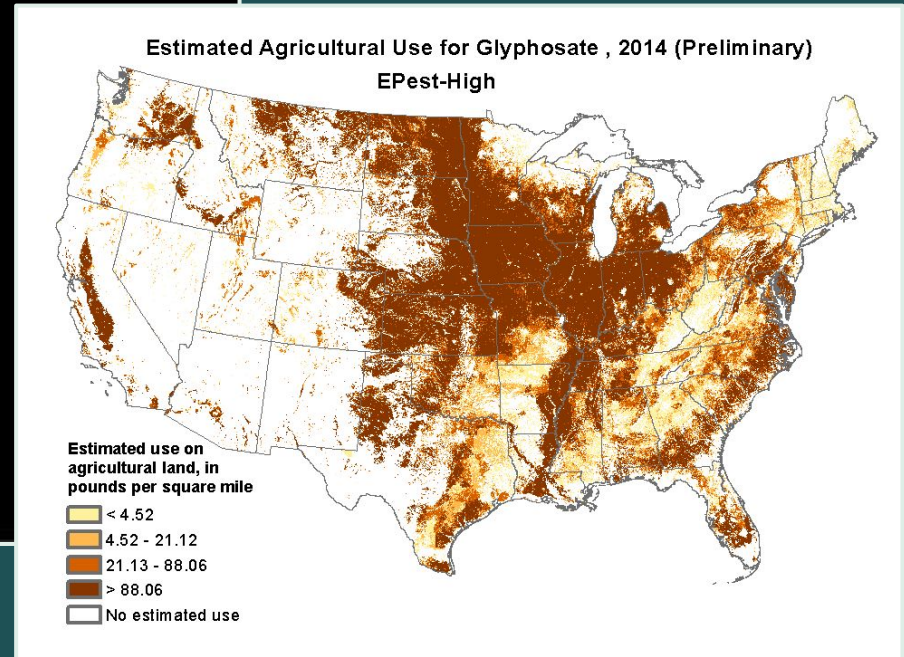
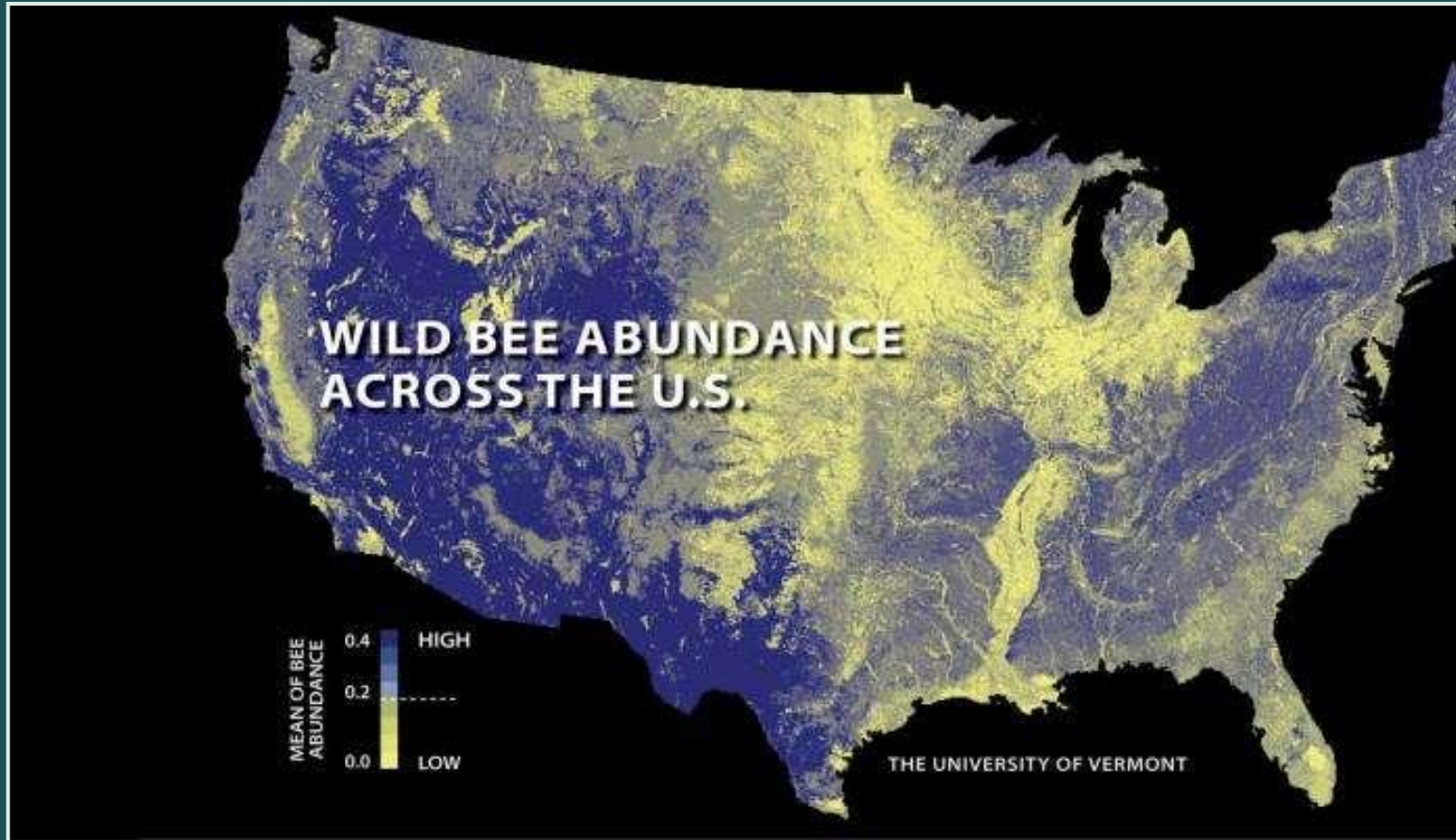
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ONLY \$29.95*
First Application

Healthy Lawn Guarantee
We guarantee all of our services because your lawn means more to us.*

[Click here to learn more.](#)

Pesticides Impact Pollinators



PNAS doi:10.1073.pnas.1517685113)

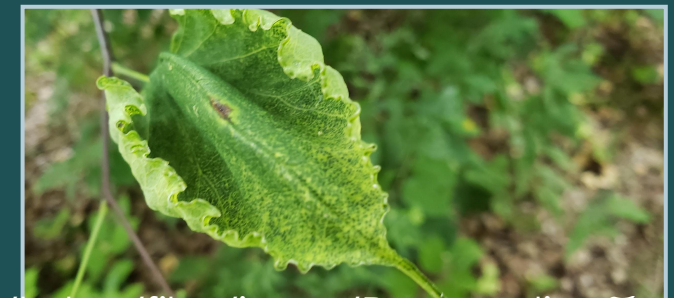
https://water.usgs.gov/nawqa/pnsp/usage/maps/compound_listing.php

“Farm your Yard”

vs. Pesticide drift damage:



dicamba & 2,4-D



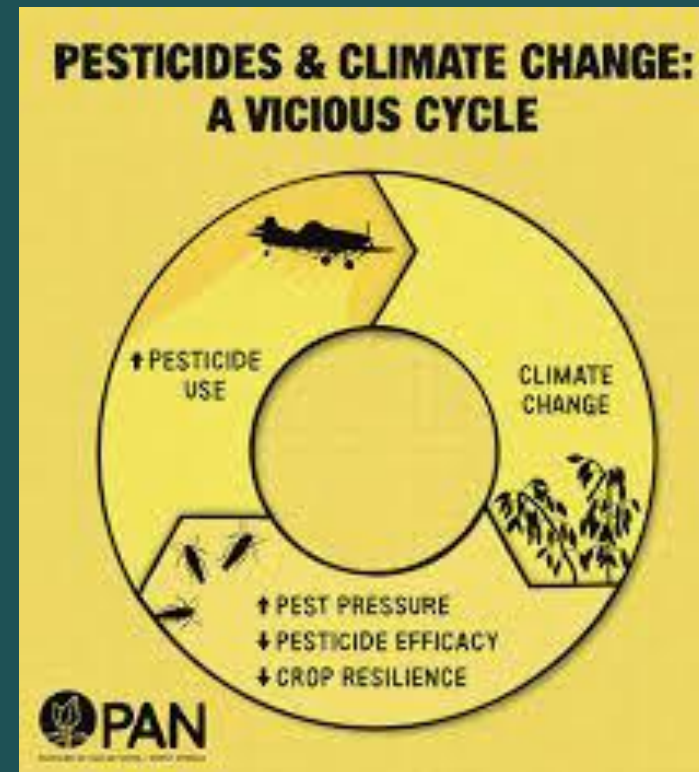
<https://ipm-drift.cfaes.ohio-state.edu/sites/hdrm/files/imce/Responding%20to%20Drift%20FINAL.pdf>

Pesticides & Climate Change?



The New York Times

Climate Change Is Speeding Toward Catastrophe. The Next Decade Is Crucial, U.N. Panel Says. ...it is still possible to hold global warming to relatively safe levels, but doing so will require global cooperation, billions of dollars and big changes. 3-21-23



Solution: Beyond Pesticides Pilot Project

*Free

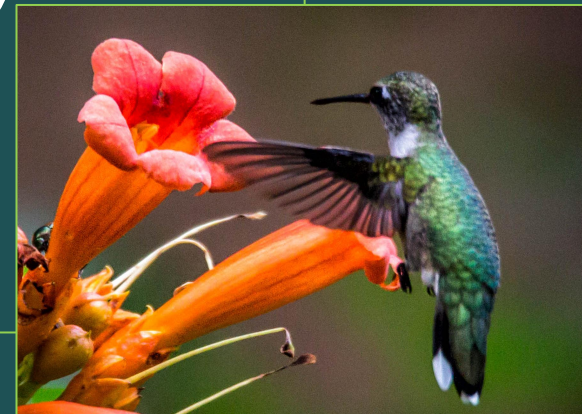




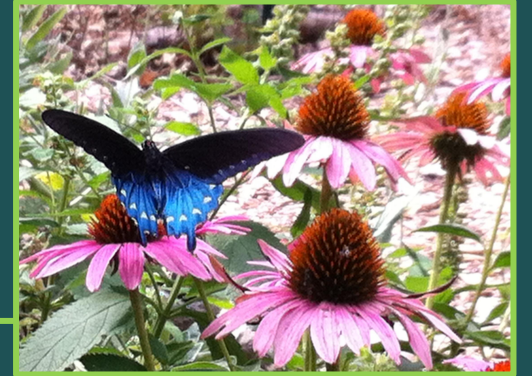
- ▶ **Staff training** to transition *two public green spaces* to organic landscape management.
- ▶ **Assessments:** soil tests, management practices.
- ▶ **Technical assistance:** throughout the duration of the project.
- ▶ **Help local landscape businesses:** Private landscapers/local landscape companies are invited to classroom training.
- ▶ <https://www.beyondpesticides.org/resources/power-organic-parks-program/overview>

Benefits of Organic Land Management

- ▶ ***On par w/ less expensive than “conventional” chemical-based management;**
- ▶ ***Reduces risks and externalized costs associated with pesticide use:**
 - exposure to carcinogens/ endocrine disruptors
 - ground and surface water contamination
 - poisoning of wildlife (pollinators, fish, frogs, birds)
 - harm to children, staff, pets
- ▶ *** Enhances “ecosystem” services.**



Let's protect our environment, climate, and health:



- * Share benefits / resources.
- * Support organic land management.
- * Recommend City Council / Mayor sign up for free pilot project.

