

Open Dialogue w/ local western MD homeowners about gardens and bees!

**FOR POLLINATORS**

- plant native forbs
- get a solitary bee
- wood nest
- Don't rake leaves
- they help nesting overwintering bees!

**FOR MITIGATING NITROGEN**

- test nitrogen in
- Don't add extra nitrogen fertilizer
- Don't overwater nitrogen-rich areas

**THANKS FOR LISTENING!**

IT'S A PLEASURE!

Feel free to contact for more info  
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**POLLINATORS**

**NITROGEN**

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**GOAL OF PES PROJECT**

Get Western MD landowners know how to help w/ nitrogen depositions on their land and what they can do to support pollinators

**NITROGEN DEPOSITION**  
 what is it?

It is the input of reactive nitrogen from the atmosphere as:

- gases
- dry deposition
- precipitation

**GOOD NEWS!**

N depositions have been lessening

Atmospheric deposition of nitrogen from human activity has greatly declined in the U.S. over the past several decades in response to emission controls set by the Clean Air Act

**BAD NEWS!**

Nitrogen depositions can still disrupt crucial plant-pollinator mutualism by altering plant chemistry in ways that alter floral attractiveness

Ex: High Nrs of N addition reduced interactions by shifting plant composition from flowering forbs to grasses