



# PCO Press

A Quarterly Publication of the Pesticide Control Office

1st Quarter  
2018

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## SUGGESTIONS?

Your feedback and ideas are welcome. If you have a suggestion for a PCO Press topic, please submit to:

[gric.pesticide.office@gric.nsn.us](mailto:gric.pesticide.office@gric.nsn.us)

## Understanding How Pesticides Breakdown in the Environment

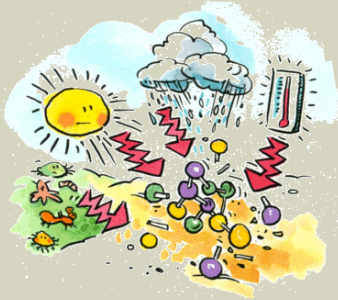


Image Credit: NPIC.orst.edu

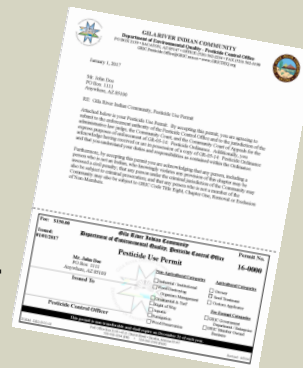
Pesticides may become airborne, get into soil, enter bodies of water, or be taken up by plants and animals. The environmental fate of pesticides depends on the physical and chemical properties of the pesticide as well as the environmental conditions. The physical and chemical properties of the pesticide determine how likely it is to travel through soil (soil mobility), how well it dissolves in water (water solubility), and how likely it is to become airborne (volatility).

Once a pesticide has been released into the environment, it can be... [Read More...](#)

## Permit & Certification Renewals

It's that time of year again- time to renew Pesticide Use Permits (PUP) and Community Certified Applicator certifications (CCA.) All PUPs expire December 31, while CCA expiration depends upon the expiration date listed on the issued CCA card.

Before conducting a regulated pesticide activity, ensure that your PUP is current. Applicators applying restricted use pesticides must ensure that they have a valid CCA before applying, or supervising the use of restricted use pesticides.



For renewal information, visit the PCO website [here](#).

## Pollinator Update

When a Cornell-led team of scientists analyzed two dozen environmental factors to understand bumblebee population declines and range contractions, they expected to find stressors like changes in land use, geography or insecticides.

Instead, they found a shocker: fungicides, commonly thought to have no impact.

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Image Credit: Lindsay France, Cornell University Photography