

Brunnings Lawn Grub And Beetle Kill
Confidor Insecticides- Whole Range
Of Sprays, Granules Etc
Conquest Seed Treatment Insecticide
Foliarflo Plus Seed Treatment
Gaucha Flowable Seed Treatment
Insecticide
Sharp Shooter Complete Bug And
Insect Spray
Advantage For Cats/ Dogs/ Kittens/
Puppies And Sheep

Thiamethoxam: Foliar spray for turf and ornamental flowers, trees, and shrubs; granules for turf and ornamental flowers, trees, and shrubs.

Yates Rose Gun Advanced

Yates Complete Lawn and Garden
Insecticide

Yates Confidor Lawn and Garden
Insecticide

Talon Ant Gel

Rentokil Advanced Cockroach Bait

To learn more

www.xerces.org,

www.beyondpesticides.org,

[www.beyondpesticides.org/
pollinators/documents/
pesticide_list_final.pdf](http://www.beyondpesticides.org/pollinators/documents/pesticide_list_final.pdf)

American Bird Conservancy,
[www.abcbirds.org/abcprograms/
policy/toxins/Neonic_FINAL.pdf](http://www.abcbirds.org/abcprograms/policy/toxins/Neonic_FINAL.pdf)

TED Talk by Dr. Marla Spivak,
[www.ted.com/talks/marla_spiva
k_why_bees_are_disappearing](http://www.ted.com/talks/marla_spivak_why_bees_are_disappearing)

www.panna.org
Pesticide Action Group

www.pollinator.org

Produced by ACT for Bees
actforbees@gmail.com

June 2014

PROTECTING BEES FROM NEONICOTINOID INSECTICIDES IN YOUR GARDEN



Neonicotinoids (neonics) are a group of widely used pesticides used on farms as well as around our homes, schools, and city landscapes that are harmful to bees.

These systemic poisons spread throughout the tissue of the plant including the pollen and nectar and can linger in the soil for months or even years. Scientific research has shown that non-lethal doses of these poisons are part of the reason for bees dying in alarming numbers around the world.

At lethal levels they can kill and sub lethal levels they affect the immune system and navigation of the bees so they can't find their way back to their hive.

There is also concern that beneficial animals, ladybirds, songbirds, small mammals, and aquatic invertebrates are also negatively affected by neonicotinoids.

In 2013 The European Union banned the use of some neonicotinoids for 2 years due to their effect on bees and other pollinators.

Most of the scientific studies have looked at agricultural neonic usage, however amounts used in horticulture may be 120 times higher and in some home use, higher still.

If you care about pollinators, be alert to neonics. They are under a multitude of aliases in lawn treatments, sprays for aphids and other pests, soil drenches and trunk injections for trees and pet flea and tick treatments.

It is very difficult to know whether even "Bee Friendly" plants bought from nurseries have been treated with neonics.

Avoid products that contain:

Acetamiprid
Clothianidin
Imidacloprid
Thiamethoxam

A partial list of products containing neonicotinoids

Acetamiprid: Foliar spray for garden fruits and vegetables, and ornamental flowers, trees, and shrubs. Products include ***Defender Residual Insecticide*** ***Intruder Insecticide***

Clothianidin: Granules for turf, and ornamental flowers, shrubs, or trees.

Imidacloprid: Foliar spray for turf and ornamental flowers, trees, and shrubs; soil drench for garden fruits and vegetables, ornamental flowers, trees, and shrubs; trunk injection for trees; granules for turf and ornamental flowers, shrubs, or trees. Products include.

Amgrow Conquer Lawn And Garden Insecticide
Amgrow Rose Spray Advanced Apparent Imidacloprid