



MAKE THE SWITCH

Use non-toxic pesticide alternatives to attract more pollinators to your garden and control pests at the same time



WANT MORE POLLINATORS? SAY GOODBYE TO TOXIC PESTICIDES!

Use soaps and oils in place of toxic pesticides

Properly-applied soaps and oils are safer for pollinators, and your family and pets.



Look for products with these active ingredients:

- ✓ Oil blends containing rosemary, cinnamon, citrus, garlic, cottonseed or peppermint oils
- ✓ Potassium salts of fatty acids
- ✓ Neem oil

(Even these products can harm pollinators if applied incorrectly. Please take care to read directions carefully.)

Make sure to apply according to directions!



Active ingredients to avoid:

- | | |
|----------------|----------------|
| ✗ Spinosad | ✗ Dinotefuran |
| ✗ Acetamiprid | ✗ Imidacloprid |
| ✗ Clothianidin | ✗ Thiamethoxam |

Find the right plant for the right place

With minimal work, you can grow healthier, low-pest plants by choosing varieties best-suited for their location.

Evaluate your spring and summer climate.

Long and hot, or mild and cool at night? Summer rains or drought-like conditions?

Identify naturally-growing plants where you live.

Native plants will always perform best in your garden. Ask your local nursery for tips on non-native plants that grow well at home.



Divide your garden into zones. Clustering plants that grow in similar conditions allows you to manage large areas more easily.

Control pests naturally with smart gardening practices

Smart gardening practices can keep plants healthy and able to resist and recover from pest damage.

Build healthy soil with compost and proper mulching. Before adding fertilizer, get a soil test through your local agricultural extension or conservation district.

Water more deeply and less frequently. Water in the morning to avoid evaporation from the sun.

Attract beneficial insects by planting flowers that provide nectar, pollen and shelter.



As a last resort, hire a licensed pesticide applicator. Pesticides are toxic chemicals applied to the areas where your family and pets play. Leave application up to professionals who know how to use them properly.



POLLINATOR-FRIENDLY SHOPPING LIST

Take this list with you when you're shopping for pest control products. Look for the OMRI label on products.



Insecticidal Soaps: Treats aphids and other soft-bodied insects such as spider mites, thrips, whiteflies and mealybugs

- ⚙️ **Safer Brand:** *Insect-Killing Soap with Seaweed Extract*
- ⚙️ **Natria:** *Insecticidal Soap*
- ⚙️ **Dr. Bronner's:** *Pure Castille Soap*

Neem Oil: Treats aphids, mites, leaf hoppers, whiteflies, caterpillars, mealybugs, thrips and powdery mildew

- ⚙️ **Bonide:** *Captain Jack's Neem Oil 3-in-1*
- ⚙️ **Natria:** *Neem Oil*
- ⚙️ **Monterey:** *Neem Oil*

Horticultural Oil Blends: Treats soft-bodied insects, larval and egg stages

- ⚙️ **Dr. Earth:** *Final Stop Insect Killer*
- ⚙️ **Guard'n:** *Spray Insecticide*
- ⚙️ **Monterey:** *Horticultural Oil*
- ⚙️ **Bonide:** *All Seasons Horticultural & Dormant Spray Oil*

START HERE FOR A POLLINATOR-FRIENDLY GARDEN

Join other gardeners like you!

Take the pledge to switch to pollinator-friendly pesticide alternatives.



Scan the QR code or
visit zoo.org/hellopollinators

PEST CONTROL APPLICATION TIPS:

- 🌻 **Always** read the label
- 🌻 **Avoid application** when pollinators are present
- 🌻 **Do not treat** actively flowering plants
- 🌻 **Apply** in the evening or early morning
- 🌻 **Do not apply** in windy or rainy conditions

Learn more at: zoo.org/hellopollinators