

Rethinking Rose Pest Management

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Links

- [Dino-Lite Handheld - Digital Microscopes](#)
- [Loup 10X](#)
- [Garden Insects of North America: The Ultimate Guide to Backyard Bugs](#)

Control Options

1. Mechanical
2. Softer spray product
 - Insecticidal soap
 - Horticultural oil
 - Microbial pesticides
3. Biological control
 - Beneficial insects
 - Predatory mites
 - Beneficial nematodes
4. Conventional Pesticides

Insecticidal Soaps

- Safers Insecticidal Soap
- M-Pede

Horticultural Oils

- Suffoil-X
- Monterey Horticultural Oil
- GrowSafe
- EpiShield

Control Options for Twospotted Spider Mite, *Tetranychus urticae*

- Horticultural Oil Spray
- Insecticidal Soap Spray
- Predatory Mites
 - *Phytoseiulus persimilis*
 - *Neoseiulus californicus*
 - *Amblyseius fallacis*
 - *Galendromus occidentalis*
- Beneficial Insects
 - *Stethorus punctillum* (Spider Mite Destroyer, Ladybird beetle)
 - *Feltiella acarisuga* (Spider Mite Gall Midge, Fly)
 - *Orius insidiosus* (Minute Pirate Bug)
 - *Chrysoperla rufilabris* (Green Lacewing)

Control Options for Aphids

- Spray off with water
- Insecticidal Soap
- Green Lacewings, *Chrysoperla* spp.
- *Aphidius* spp.

Control Options for Western Flower Thrips, *Frankliniella occidentalis*

- Spinosad
- Horticultural Oil Spray
- Insecticidal Soap Spray
- Predatory Mites
 - *Neoseiulus cucumeris*
 - *Amblyseius swirskii*
- Beneficial nematodes, *Steinernema feltiae*

Disease

- [Magic Gardner Biological Disease Control](#) , *Bacillus amyloliquefaciens*
- [MilStop](#)

Insectaries

- Beneficial Insectary (Green Methods) <https://insectary.com/>
 - Lacewing egg cards
 - Persimilis in vials
- Bioline AgroSciences www.biolineagrosciences.com
 - Persimilis in vials
- BioBee US <https://biobee.us/>
- Koppert Biological Systems <https://www.koppertus.com/>