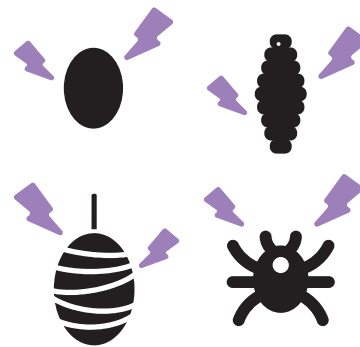




## MOLT-X®

Molt-X is a broad spectrum bioinsecticide that contains the active ingredient Azadirachtin, the most potent active compound found in Neem trees. Approved for organic production, Molt-X disrupts a juvenile insect from molting and prevents it from maturing to an adult and reproducing. Molt-X is ideally suited for integrated pest management programs as it can be tank-mixed or rotated with products like SuffOil-X®. Additionally, interference with insect enzyme metabolism as well as the physical mode of action from the formulation significantly reduces the likelihood of insect resistance development.



MOLT-X KILLS JUVENILE LARVAL AND PUPAL INSECTS; WHITEFLIES, MEALYBUGS, SCALES, THRIPS, APHIDS, PSYLLIDS, LEAFHOPPERS, FLIES, TRUE BUGS, SAWFLIES, CATERPILLARS, BEETLES, WEEVILS, BORERS, MOLE CRICKETS, FUNGUS GNATS, AND NEMATODES.

### ACTIVE INGREDIENT

Emulsifiable concentrate with 3% Azadirachtin. Molt-X is not neem oil and contains no neem oil. Neem oil contains no azadirachtin.

### FEATURES AND BENEFITS

- + As an insect growth regulator, Molt-X prevents juvenile insects from maturing to adults by interfering with enzyme metabolism
- + Makes pests more susceptible to insecticides by reducing physical and physiological fitness
- + Leaves no residue on plant foliage, fruits, vegetables, or flowers
- + Compatible with other insecticides, fungicides, and fertilizers
- + Generally safe on beneficial insects
- + Good crop safety profile
- + Multiple modes of action make it an excellent tool for resistance management

### WHERE TO USE

- + For use on ornamentals in greenhouses, shadehouses, interiorscapes and nursery
- + For use on outdoor ornamentals, shrubs, trees and turfgrass
- + For use on outdoor and greenhouse food crops
- + May be used on a wide variety of food crops, including vegetables, fruits, nuts, herbs and spices
- + Apply as a foliar spray or via fogging for above ground pests
- + Apply as a drench for soil borne pests



# MOLT-X®

## PRODUCT INFORMATION

- + Available Sizes: 1 qt & 1 gal
- + Registered for use in the USA, except AK and DC
- + EPA registered: Reg. No. 68539-11
- + Est. No. 68539-NY-001
- + MPS Code: 3626/Green

### REI & PHI

- + 4-hour REI, 0-day PHI

### SHELF LIFE

- + Store between 20-85 °F (-7-30 °C)
- + Refrigeration 40 °F (4 °C): Not needed
- + 70-75 °F (21-24 °C): 15 months

## APPLICATION NOTES

- + For best performance, tank mix or rotate with compatible products
- + Best control will be achieved with full coverage of all leaf surfaces
- + Surfactant may be added to improve product performance
- + Can be applied as a drench to soil or soilless media, avoid excessive leaching
- + pH range: 5.5 – 6.5, with 7.0 maximum; outside this pH range may result in Azadirachtin breaking down which will result in reduced efficacy
- + Azadirachtin is sensitive to UV light; good coverage is essential
- + Use Molt-X together or in a rotation with SuffOil-X to control resistant insects and reduce the likelihood of resistance development

## APPLICATION RATES

- + 2-3 applications, 7-10 days apart
- + Rate range is 8 to 10 oz for insect pests and 8 to 15 oz for nematodes
- + Outdoor crops, vegetables and ornamentals: 8-10 oz/acre and 15 oz/ acre for nematode control, 22.5 oz/acre for extremely high pest pressure or dense plant canopy
- + Greenhouse, shade house, interiorscape and nursery crops: 8-10 oz/100 gal

## GOING ABOVE AND BEYOND

At BioWorks, we not only help eradicate harmful diseases and pests that threaten your crops, but we design and support integrated plant health management programs. And because we know how quickly some diseases can work, we respond to any questions you might have in just four hours. So you can get back to the business of successful growing.



**BioWorks®**

### BIOWORKS

100 Rawson Road • Suite 205

Victor, NY 14564

expert@bioworksinc.com

bioworksinc.com • 800.877.9443