



Product Compatibility

Molt-X[®]

Molt-X (OMRI listed) is an emulsifiable concentrate with 3% azadirachtin active ingredient derived from the seeds of the neem tree. As a botanical Insect Growth Regulator (IGR) it interferes with the key molting hormone, ecdysone, preventing insects from progressing from one life stage to the next. It may also act as an antifeedant or oviposition deterrent against insects.

Tests were not carried out for plant phytotoxicity. Compatibility was tested at normal tank mix dilutions, not in concentrated stock tank dilutions (such as for injecting at 1:100). Physical compatibility can be impacted by your quality, tank residues, or the addition of other materials in the spray tank.

Molt-X provides broad spectrum control of pests

- Aphids, Flies, Fungus Gnats, Whiteflies, Leafminers, Mealybugs, Soft Scales, Thrips
- Bugs, Beetles, Borers, Leafhoppers, Mole Crickets, Psyllids, Weevils

Molt-X is labelled for use on a variety of crops.

- Turfgrass, outdoor shrubs, trees and ornamentals
- Greenhouse production of food crops and ornamentals
- Interiorscape plants
- Outdoor food crops

Chemical Compatibility

Compatible Active Ingredients	
Abamectin	Endosulfan
Acephate	Esfenvalerate
<i>Bacillus thuringiensis</i>	Pyrethrins
Bifenthrin	Pyrethrum + piperonyl butoxide (for fogging use)
Chlorpyrifos	Pyrethrum + piperonyl butoxide (for fogging use)
Diflubenzuron	Non-phytotoxic crop oils
Endosulfan	

Compatible Products	
Product	Active ingredient
BotaniGard [®] 22WP, BotaniGard [®] ES	<i>Beauveria bassiana</i> strain GHA
BotryStop [®]	<i>Ulocladium oudemansii</i> U3 Strain
CEASE [®]	<i>Bacillus subtilis</i> strain GHA
Grandevo [®]	<i>Chromobacterium subtsugae</i> strain PRAA4-1
Mainspring [®]	Cyantraniliprole
Mycotrol [®] WPO, Mycotrol [®] ESO	<i>Beauveria bassiana</i> strain GHA
NemaShield [®]	<i>Steinernema feltiae</i>
Regalia [®]	Extract of <i>Reynoutria sachalinensis</i>
RootShield [®] WP or G	<i>Trichoderma harzianum</i> strain T-22
RootShield [®] PLUS ⁺ WP or G	<i>Trichoderma harzianum</i> strain T-22 plus <i>Trichoderma virens</i> strain G-41



Compatible Products (continued)	
Product	Active ingredient
SuffOil-X [®]	Mineral Oil
Stargus [®]	<i>Bacillus amyloliquefaciens</i> strain F727
Venerate [®]	<i>Burkholderia</i> spp. strain A396

Molt-X is active in the pH range of 5.5-6.6, with 7.0 being the maximum before the product begins to break down. Examples of products incompatible due to their influence on pH are provided below.

Incompatible Highly Alkaline Products (for example)	
Bordeaux mix	Triphenyltin hydroxide
Lime sulfur	Rayplex iron
MilStop [®] (potassium bicarbonate)	

For compatibility with beneficial insects and mites, reference the technical bulletin: Biological Control Agents Use with BioWorks Products <https://www.bioworksinc.com/products/shared/BiologicalControlAgents.pdf>