



**JH Biotech**  
Biotechnologies for Safer Agriculture

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# PestOut™

All Natural Pesticide



PestOut™ is a natural miticide and insecticide that provides excellent control of pests such as mites, thrips and aphids. PestOut™ is a patented formula that uses unique modes of action to control difficult pests. The natural oils are toxic to aphids, thrips and other soft bodied pests, yet harmless to most beneficial and non target insects like ladybugs.



PestOut™ fits within a prevention or IPM program has a control for mites and other pests on many different crops including ornamentals, grapes, berries and fruit trees.

All Natural & Organic

Safe Around Children and Pets

Effectively Kills Pests On Contact

Never Leaves a Residue or Odd Taste



PestOut™ is a safe, long lasting formula that can protect your crops all season, up to and including the day of harvest. It is less harmful to beneficial fauna than most other Insecticides. PestOut™ has no Re-Entry or Pre-Harvest Intervals.

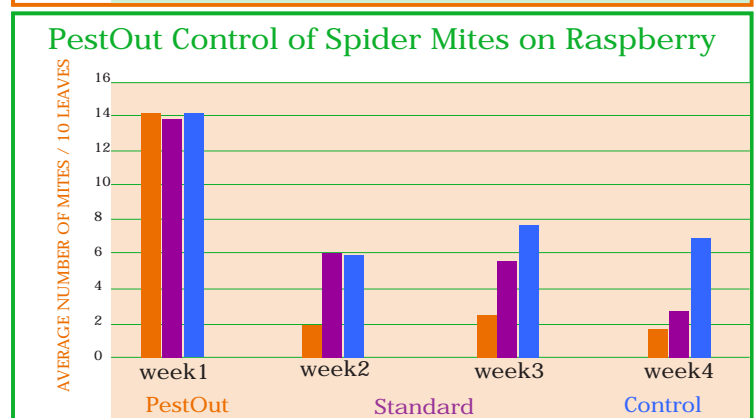
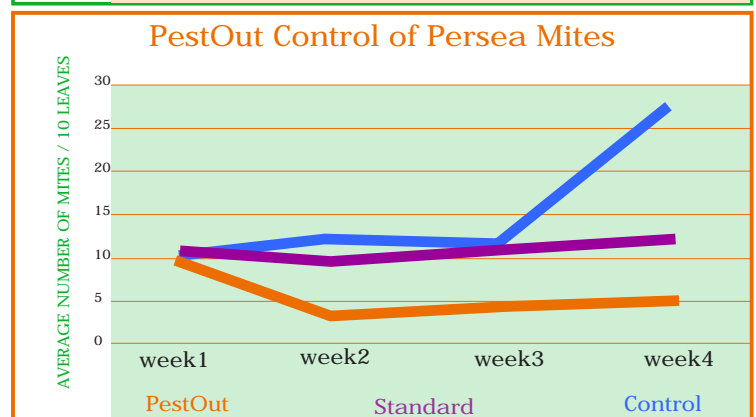
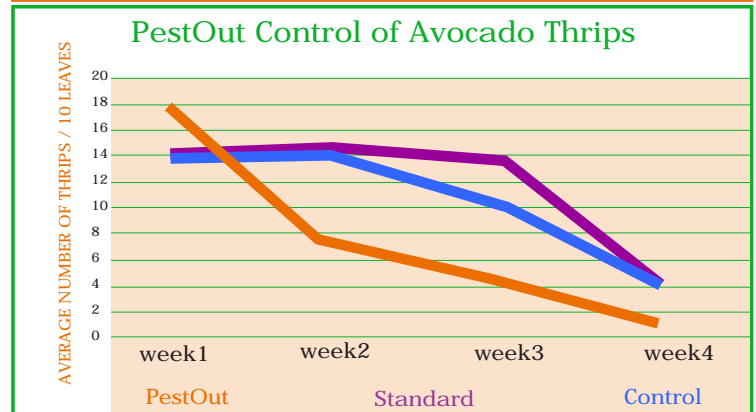
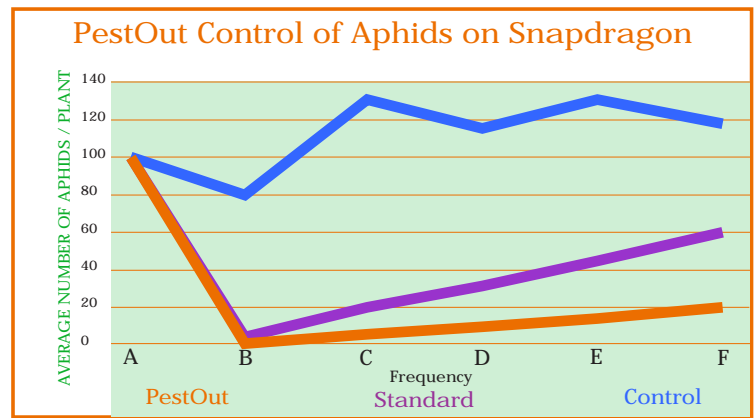
**SAFETY:** PestOut™ is derived from cottonseed oil, clove oil and other natural ingredients. These active ingredients are considered food grade materials. There is never a residue or odd taste to be concerned with. The US EPA has exempted these materials from registration as pesticides under FIFRA 25b.

## PestOut™ Mode of Action

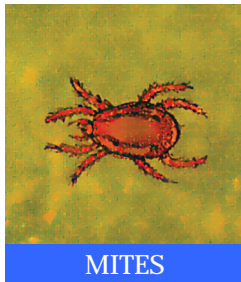
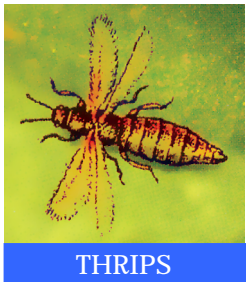
PestOut™ controls all life stages of most soft-bodied insects and mites. PestOut™ has physical, chemical and behavioral modes of action. It works as both a curative and a preventative miticide and insecticide. It disrupts cell membrane function, causes irritation making pests less likely to feed, and corrodes muscles and nerves of the chemosensory organs. PestOut™ suffocates pests by blocking spiracles and prevents gas exchange.

PestOut™ is listed by The Organic Materials Review Institute as a Botanical Pesticide for use on food crops. It is also approved under the WSDA Organic Foods Program.

PestOut™ has the ability to dissolve spider mite webs and control eggs, which allows the product to better control spider mite populations. PestOut™ is a contact miticide and insecticide. It controls both the adult and any developing stages of mites. Good coverage will improve the efficacy of the product. PestOut™ gives better control when applied with a spreader such as Natural Wet\*.



## EFFECTIVE ON



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For labels and MSDS visit our website at [www.jhbiotech.com](http://www.jhbiotech.com) or phone us at 805.650.8933