

Azera®

Organic insecticide for premium, consistent control of the hardest-to-kill insects



Azera is a new, premium organic insecticide product from MGK. Its multiple modes of action provide both excellent control of the hardest-to-kill, hard-bodied pests as well as quick knock down and kill of the most destructive soft-bodied insects. Azera effectively controls insects through three modes of action: Contact, Ingestion and Insect Growth Regulatory activity.

Azera is an ideal organic solution for hard-to-kill insects—it's made from two distinctly powerful active ingredients derived from botanical sources. And because it provides quick knockdown and control of many harder-to-kill insects, Azera can be one of the most important tools in your arsenal of pest control solutions.

Azera Features

- **Organically-compliant. OMRI Listed and meets USDA's NOP requirements**
- **Effectively controls insects by three unique modes of action: Quick knockdown, Ingestion & Insect Growth Regulatory activity**
- **Zero pre-harvest interval & very short 12-hour re-entry interval**
- **Can be applied on over 200 growing crops and over 200 insect types**
- **Cost-effective and convenient alternative to tank-mixing multiple products**

MGK's Crop Protection Botanical Series Solutions

MGK's Crop Protection Botanical Series is the right choice for growers who are concerned about the environment and their field workers, but also want a more effective range of botanical insecticide options for the control of hard-to-kill insects. MGK products are made with softer, botanically-derived active ingredients so they have a lower impact on the environment, but a higher impact on pests.

Ask for MGK products.



1-800-645-6466 / www.mgk.com



 For Organic Production



Product Specifications

- **Packaging** – Gallons (4 Per Case)
- **Food Handling** – Not for use in food handling areas
- **Active Ingredients** – Pyrethrins, Azadirachtin
- **Flammability** – Not classified as flammable or combustible by OSHA
- **Mode of Action** –
 - Sodium channel inhibitor – disrupts insects' nervous system
 - Insect Growth Regulator – inhibits molting and development of immature insects
- **Class of Chemistry** – Pyrethrins, Tetranortriterpenoids
- **Respirator Required** – Required for fogging in enclosed spaces such as greenhouses
- **Mix or Dilute in** – Water only
- **Activity** – Quick knockdown, contact kill and flushes insects from hiding; Insect Growth Regulation

Insects Killed

Azera is a premium, organic solution for the hardest-to-kill insects. Effective on more than 200 soft- and hard-bodied pests including:

- Beet Armyworms
- Bean Beetles
- Brown Marmorated Stink Bugs
- Cabbage Loopers
- Corn Earworms
- Crickets
- Eastern Tent Caterpillars
- Fruit Flies
- Glassy Winge Sharpshooter
- Grape Leaf Skeletonizers
- Grasshoppers
- Harlequin Bugs
- Potato Leafhoppers
- Potato Flea Beetles
- 12-spotted Cucumber Beetles
- Webworms

Tips for Best Performance

- **Buffer the pH of the Azera spray solution to 5.5 – 7.0**
Application of the spray solution with a pH outside of this range may result in poor performance on target pests.
- **Azera is a contact insecticide – good coverage is key**
The amount of water used as a carrier has to be sufficient to achieve good coverage and contact target insects.
- **Azera may be applied in conjunction with a spreader or wetting agent**
While Azera should be compatible with most products, conducting a small-scale test to ensure the lack of phytotoxicity of the combination is recommended.
- **Consider application in early morning, late evening or during the night**
Reduced UV exposure and lower temperatures will increase performance and reduce impact on pollinators.
- **For most situations, start at the “mid” application rate for Azera**
In general, using Azera at the rate of 32 fluid ounces per acre provides excellent knockdown and kill of insects. Conditions under which increasing the rate used per acre are recommended are – (1) extremely high insect populations – or (2) when the insect population is dominated by late-stage immature or adults.
- **Carefully monitor insect populations and apply when insects are in their early life stage**
Monitor your crops for the first appearance of insects and treat the insects during the early stages of colonization.
- **Apply when the target insects are active**
Apply when the target insects are active to increase the direct contact during the early stages of colonization.
- **Remove beneficial insects or apply when beneficial insects are not present.**

For more information contact your PCA or visit www.MGK.com/Crop-Protection