



Azera Insecticide offers immediate control of soft-bodied and hard-bodied insects for organic production. Azera is an organically compliant, broad spectrum insecticide that delivers quick knockdown and kill of crop damaging insects through both direct contact and ingestion.

**Works FAST**

- Delivers quick knockdown and kill

**Multiple Modes of Action**

- Controls pests through contact, ingestion and insect growth regulator activity

**Organically Compliant**

- Meets USDA's NOP requirements for an input

**Flexible**

- No pre-harvest interval
- No restrictions on the number of applications you can make per year
- Can be sprayed at any season of the year

**Broad Spectrum**

- May be used on all growing crops
- Kills a broad spectrum of insects
- Kills larval, pupae and adult stages of insects

**Product Specifications**

<b>Signal Word</b>	Caution
<b>Packaging</b>	Gallons (4 per case)
<b>EPA Registration Number</b>	1021-1872
<b>Food Handling</b>	Not for use in food handling areas
<b>Stability of Undiluted Product</b>	Stable
<b>Stability of Diluted Product</b>	Agitation recommended; not required. Preferably mix only enough for immediate use.
<b>Appearance</b>	Clear, amber-brown colored liquid
<b>Odor</b>	Mild sweet odor
<b>Active Ingredients</b>	Pyrethrins, Azadirachtin
<b>Flammability</b>	Not classified as flammable or combustible by OSHA
<b>Mode of Action</b>	Sodium channel inhibitor – disrupts insects' nervous system Insect Growth Regulator – inhibits molting and development of immature insects
<b>Class of Chemistry</b>	Pyrethrins, Tetranoortriterpenoids
<b>Respirator Required</b>	None
<b>Mix or Dilute in</b>	Water only
<b>Activity</b>	Quick knockdown, contact kill and flushes insects from hiding
<b>Shelf Life</b>	1 year in original commercial packaging stored at room temperature



 For Organic Production

**Use Areas**

**Growing Crops Outdoors and in Greenhouses**

Azera Insecticide may be used on most crops because its active ingredients are exempt from tolerances when applied to growing crops.

**Ornamental Plants Grown Indoors or Outdoors**

**Method of Application**

- Conventional hydraulic sprayers
- Compressed air sprayers
- Irrigation systems (chemigation)
- By air or by ground

## Best Practices when using Azera Insecticide

### 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:

- Extremely high insect populations
- When the insect population is dominated by late-stage immatures or adults

### Tank mix Azera with other products

Azera adds quick knockdown and kill, broad spectrum control and resistance managements benefits to other crop protection products such as Bts, Azadirachtin, Spinosad and Neem Oils.

### Carefully monitor insect populations and apply when insects are early in their life stage

Monitor your crops for the first appearance of insects and treat the insects during the early stages of colonization.

### Apply Azera when 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 are not present

### Always read and follow label and MSDS directions.

To learn more, visit [www.mgk.com](http://www.mgk.com), call 1-800-645-6466 or send an e-mail to [brands@mgk.com](mailto:brands@mgk.com).

## Key Insects Controlled

### Azera is labeled for the control of insects including, but not limited to:

Ants  
Aphids  
Apple Maggot  
Armyworms  
Artichoke Plume Moth  
Asparagus Beetle  
Beet Armyworm  
Bagworm  
Bean Beetles  
Beetles  
Blister Beetles  
Blow Flies  
Biting Flies  
Boll Weevil  
Bollworms  
Borers  
Brown Marmorated Stink Bug  
Cabbage Looper  
Cabbage Maggot  
Cankerworms  
Carrot Weevil  
Caterpillars  
Clover Mite  
Clover Weevil  
Cockroaches  
12-spotted Cucumber Beetle  
Codling Moth  
Colorado Potato Beetles  
Crane Flies  
Crickets  
Cross-striped Cabbageworm  
Cucumber Beetles  
Cutworms  
Darkling Beetles (lesser meal worm)  
Deer Fly  
Deer Tick  
Diamondback Moth Larvae  
Earwigs  
Eastern Tent Caterpillar  
Elm Leaf Beetle  
European Corn Borer  
European Pine Tip Moth  
Face Fly  
Fall Webworm  
False Chinch Bugs  
Fire Ants  
Firebrats  
Fireworms  
Flea Beetles  
Flies  
Forest Tent Caterpillar  
Fungus Gnats  
Fruit Flies  
Fruittree Leafroller  
Fruitworms  
Garden Tortrix  
Garden Symphylan  
Glassy Winged Sharpshooter  
Grain Beetles  
Grape Leafhopper  
Grape Leaf Skeletonizer  
Grasshoppers  
Green Fruit Worm  
Green Peach Aphids

Greenhouse Thrips  
Gypsy Moth (adults & larvae)  
Harlequin Bug  
Heliothis sp.  
Hornets  
Horn Fly  
Hornworm  
Horse Fly  
House Fly  
Imported Cabbageworm  
Indian Meal Moth  
Imported Cabbageworm  
Japanese Beetle  
Katydid  
Lace Bugs  
Leafhopper  
Leafminers  
Leafrollers  
Leaf tiers  
Lice  
Loopers  
Lygus  
Mealy Bugs  
Mediterranean Flour Moth  
Mexican Bean Beetle  
Midges  
Millipedes  
Mosquitoes  
Moths  
Mushroom Flies  
Navel Orangeworm  
Onion Maggot  
Pear Psylla  
Pinworms  
Potato Leafhopper  
Psyllids  
Rice Weevil  
Ringworms  
Saw-tooth Grain Beetle  
Scale Silverfish  
Skippers  
Sowbugs  
Stable Fly  
Stink Bugs  
Spiders  
Tabanidae  
Tarnished Plant Bug  
Thrips  
Tomato Hornworm  
Vinegar Flies  
Wasps  
Webworms  
Weevils  
Whiteflies  
Yellow Jackets



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