



Seican™

Introducing SEICAN

A fast-acting broad spectrum biopesticide based on cinnamaldehyde, at low concentrations SEICAN provides good control of mites, scales and more—plus it is a product compatible with biological control agents.

As a miticide and insecticide, SEICAN acts by contact, penetrating and destroying the soft susceptible body parts. Mites and insects are exposed to the loss of body fluids causing a dehydration and consequently their death. It is an alternative to mineral oils and chemical acaricides, with a repellent effect that prevents new infestations.

Benefits of SEICAN

- Natural active ingredient (*Cinnamic aldehyde*)
- Emulsifiable concentrate (EC) formulation
- Fast-acting
- Effective at low doses
- Ideally suited for Integrated Pest Management (IPM)
- Compatible with most BCA (Biological Control Agents)
- Suitable for resistance management
- Restricted-entry interval (REI) of 4 hours
- Pre-harvest interval (PHI) of 0 days
- For use in conventional, sustainable & organic programs

Modes of Action

On contact, SEICAN has a broad spectrum of activity, including:

- Altering the nervous system
- Altering the respiratory system, sealing the spiracles
- Causing death by asphyxiation
- Acting as an antifeedant
- Reducing egg viability and production
- Softening the exoskeleton
- Promoting dehydration



Alters nervous system

Softens Exoskeleton

Promotes Dehydration

Targeted Pests

Mites including

- *Tetranychus* spp.
- *Oligonychus* spp.
- *Panonychus* spp.

Mealybugs including

- *Planococcus* spp.
- *Pseudococcus* spp.
- *Dysmicoccus brevipes*

Scales including

- San Jose Scale
- California Red Scale
- Yellow Scale
- Black Scale

Aphids including

- Cotton Aphid
- Green Peach Aphid

Thrips including

- Thrips spp.
- *Frankliniella* spp.
- *Heliothrips* spp.
- *Scirtothrips* spp.

Psyllids including

- *Bactericera* spp.
- *Diaphorina* spp.
- *Cacopsylla* spp.

Leafhoppers including

- *Empoasca* spp.
- *Macrostelus* spp.
- *Graphocephala* spp.

White Flies including

- *Dialeurodes* spp.
- *Trialeurodes* spp.
- *Bermisia* spp.

Flies including

- Walnut Husk Fly
- Fungus Gnats

Armyworms, Caterpillars & Loopers including

- Cabbage Looper
- Tent Caterpillar
- Fruit Worms

Moths including

- Coddling Moth
- Grape Berry Moth

Borers including

- Peach Twig Borer
- *Hypothenemus hampei*

See label for a complete list of registered crops and pests.

Use Information

Begin applications at the appearance of the first signs of pests/mites or diseases. Repeat applications as required to maintain effective control, but no more than every 5 days. Under moderate to severe disease pressure, or when environmental conditions and plant stage are conducive to rapid pest/mite or disease development, use higher label rates, apply more frequently and rotate SEICAN with other insecticides/miticides or fungicides for improved performance. Refer to the “Crop Uses” section of the product label for a complete list of crops. For foliar application, apply SEICAN in a sufficient spray volume and with adequate spray pressure to ensure complete and thorough coverage of all plant surfaces including both the top and bottom of leaves. Do not wet plant to the point of runoff or drip.

Use Rates

	FIRST PRESENCE	COMMON RATE	HIGH PRESSURE	
Rate per 100 gallons	16 fl. oz. per acre	32 fl. oz. per acre	48 fl. oz. per acre	56 fl. oz. per acre
Frequency	5 - 7 days	5 - 10 days	5 - 7 days	

In those crops where water volume applications are up to 150 gallons per acre or more, it is advisable to use a dilution rate between 40-55 fl. oz. per 100 gallons.

Crop Uses

Fruits, Citrus and Nut Trees	Leafy, Fruiting and Cucurbit Vegetables
Crops such as: <ul style="list-style-type: none"> • Apricots, Cherries, Nectarines, Peaches, Plums, Prunes • Apples, Crabapples, Pears, Quinces • Oranges, Lemons, Limes, Grapefruits, Kumquats, Mandarins • Almonds, Pecans, Pistachio, Walnuts 	Crops such as: <ul style="list-style-type: none"> • Celery, Endive, Lettuce, Parsley, Radicchio, Mustard greens, Turnip greens • Chayote, Chinese cucumber, Citron melon, Cucumber, Melons, Pumpkin, Squash, Watermelon • Eggplant, Ground cherry, Okra, Pepper, Tomato
Brassica (Cole), Bulb and Root and Tuber Vegetables	Small Fruits, Berries and Grapes
Crops such as: <ul style="list-style-type: none"> • Broccoli, Cabbage, Chinese Cabbage, Cauliflower, Kale • Garlic, Leeks, Onions, Shallots • Artichokes, Sugar beet, Chicory, Ginger, Ginseng, Horseradish, Potatoes 	Crops such as: <ul style="list-style-type: none"> • Blackberry, Blueberry, Cranberry, Currant, Grapes, Guava, Raspberry, Strawberry
Legume Vegetables, Cereal Grains and Forage and Grasses	Herbs, Spices and Other Crops
Crops such as: <ul style="list-style-type: none"> • Beans, Lentils, Peas, Soybeans • Barley, Corn, Millet, Oat, Rice, Sorghum, Triticale, Wheat • Any grass that will be fed to or grazed by livestock 	Crops such as: <ul style="list-style-type: none"> • Alfalfa, Basil, Chives, Cilantro, Dill, Mint, Oregano, Parsley, Pasture, Thyme. • Avocados, Bananas, Dates, Figs, Mangoes, Papaya, Pomegranate, Pineapple, Acerola, Artichoke, Cacao, Canistel, Carob, Cherimoya, Cocoa, Coffee, Hops, Lychee, Mamey sapote, Mushroom, Okra, Olives, Palm, Passion fruit, Peanuts, Persimmon, Sugar cane, Sunflower, Tea, Tobacco
Ornamentals; Turf; Lawns; Golf Courses; Trees	Greenhouse Uses
Crops such as: <ul style="list-style-type: none"> • Ornamental Plants and Shrubs, Turf, Lawns, Golf Courses • Christmas trees, shade trees, nursery trees, ornamental trees, landscape trees. 	Crops such as: <ul style="list-style-type: none"> • Vegetables, Herbs, Spices • Ornamental plants, shrubs and trees; bedding plants; flowers

Always read and follow label directions.

Please confirm that SEICAN is registered in your state prior to use.

SEICAN from Summit Agro USA is sold exclusively through Helena Agri-Enterprises and Tenkoz member companies.

To see how SEICAN can help improve your crop production, contact your Tenkoz member company or Helena Agri-Enterprises representative.

To learn more, visit us at www.summitagro-usa.com or call us at 984-260-0407.

SEICAN™ is a trademark of Seipasa S.A. © 2019 Summit Agro USA LLC.

