



# CINNEX

## POWERFUL PROTECTION FOR THE FIELD AND BOTTOM LINE

### DISCOVER THE POWER OF CINNEX™

CINNEX™ features multi-site activity to obliterate target diseases and insect pests on contact, working through curative and preventative activity to control all active life stages, destroy resistant disease strains and keep pest populations low.

#### TARGET DISEASES

**BROAD SPECTRUM  
PREVENTATIVE AND CURATIVE**

#### TARGET FUTURE PESTS

**MANAGE PESTS BEFORE  
THEY BECOME A PROBLEM**

#### SUPPORTS BIOCONTROL

**CONSERVE BENEFICIAL  
PREDATORS TO REDUCE  
FUTURE PEST OUTBREAKS**

FOR USE ON ALL CROPS	
DISEASES	PESTS
Powdery mildew	Aphids
Botrytis	Pear psylla
Monilinia	Scale
Rust	Leaf hopper
Scab	Flies/White flies
Rhizopus	Mealybugs
Mucor	Fruit fly
Downy mildew	Thrips
Alternaria	Armyworms/Caterpillars
Blue and green mold	Weevil

- #### FEATURES AND BENEFITS
- ✓ Broad spectrum fungicide/bactericide targets multiple life stages
  - ✓ Powerful contact, curative, and preventative action stops disease
  - ✓ Fast knockdown results with multiple modes of action
  - ✓ Early season insect and lepidoptera control - targeting all life stages including ovicidal activity
  - ✓ Stand alone or convenient tank-mix partner with conventional pesticides
  - ✓ As part of your biocontrol system, it can reduce the cost of insect control year-over-year
  - ✓ Proven crop safe for 15 years, and leaves no visible residue



CURATIVE AND PREVENTATIVE



MRL EXEMPT



12-HOUR REI AND 0-DAY PHI



TANK-MIX COMPATIBLE

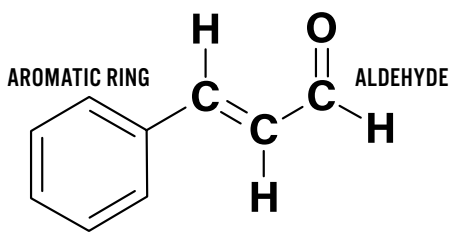


BENEFICIAL PREDATOR SAFE



POLLINATOR SAFE

## CINNEX ACTIVE INGREDIENT



### BIOCHEMICAL

22.5% CINNAMALDEHYDE

CINNEX is an emulsifiable concentrate containing 1.92 pounds of cinnamaldehyde per gallon. Manufactured and sourced in the U.S., CINNEX contains 99.98 percent-pure cinnamaldehyde.

## STOPS DISEASE ON CONTACT AND DISRUPTS MULTIPLE LIFE CYCLES

DISEASE CONTROL IS OBTAINED WITHIN 30 MINUTES OF APPLICATION

CINNEX multi-site mode of action makes it a superior disease management solution. Unlike other products that may promise multi-pest activity, 15+ years of success in the field prove CINNEX is a valuable management tool to efficiently and reliably produce clean, high-quality crops.

## MODE OF ACTION - CONTACT AND FUMING ACTIVITY

	<b>FUNGAL</b> Contact Preventative and Curative	<b>BACTERIA</b> Contact Preventative and Curative	<b>INSECTICIDE</b> Contact All Life Stages + Ovicide
<b>ACTION</b>	Attacks the cell wall and cell membrane Disrupts fungal cell function causing cellular damages and irreversible morphological changes	Disruption of cell wall leading to cell leakage Significant antibiofilm activity against pre-formed biofilms and the formation of biofilms Anti-Quorum sensing activity	High lipophilicity optimizes penetration into target pest Softens exoskeleton leading to desiccation Ovicide - Volatiles diffuse into eggs
<b>FUNCTION</b>	Leads to cell leakage and death Inhibits the formation of germ tubes and stops mycelial growth Inhibits chitin synthesis/ Prevents cell division	Prevents cell division Leads to cell leakage and death Causes cells to grow without dividing	Inhalation leads to insect respiratory malfunction Glucose metabolism interference Reduced hatch Reduced survivability

## RESISTANCE MANAGEMENT

The powerful efficacy of the high-purity cinnamaldehyde in CINNEX controls resistant disease strains, making it an excellent tank-mix partner with conventional fungicides to support resistance management practices.

## 15 YEARS OF PROVEN PERFORMANCE BASED ON 150+ TRIALS

### PROTECT BIOCONTROL

CINNEX is IPM compatible, and there are no chronic effects towards any predators. For newly released predators allow 5-7 days of acclimation before applying CINNEX.

### PRESERVE BENEFICIAL PREDATORS TO REDUCE FUTURE PEST OUTBREAKS

\*see complete list on our website

Bumble bee	Parasitic wasp
Green lacewing	Lady bug
Predatory midge	Leafminer parasite
Hoverfly	Predatory mirid bug
Whitefly parasite	Minute pirate bugs

## RECOMMENDED USAGE AND RATES

### DIRECTIONS FOR USE:

#### DISEASE CONTROL

- 32 oz / 100 gal
- Spray interval recommended 5-10 days, depending on disease pressure

#### INSECT CONTROL

- 32-45 oz / 100 gal (early season, smaller pest)
- 45-64 oz / 100 gal (mid/late season, larger pest)
- For high populations sequential treatments are advised

### IN-SEASON TANK-MIX:

Power your tank-mix to the max. CINNEX allows you to expand the scope of diseases controlled in a single application for enhanced performance and better prevention with your existing pest control program including:

- CONVENTIONAL FUNGICIDES:** contact curative and extended control
- CONVENTIONAL INSECTICIDES:** ovicide + rapid knock down to stop feeding + extend control
- SULFUR:** improve powdery mildew control by 60%

### EARLY SEASON APPLICATIONS:

- Complete disease sanitation
- Reduce insect and pests while allowing beneficial predators to catch up with unwanted pests. Best results are achieved when applications start pre-threshold
- Lower cost due to V/V use rate and lower spray solution on a smaller canopy
- Get ahead of egg production; better kill on soft body juveniles

### PRE-HARVEST SANITATION:

CINNEX is an excellent broad-range fungicide to reduce post-harvest rot and losses



LEARN MORE AT [SYM-AGRO.COM](http://SYM-AGRO.COM)

Important: Always read and follow label instructions.  
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