

THYMOX

CONTROL®



PRODUCT PRESENTATION

01/12/2020



TECHNOLOGY BASED ON OVER 10 YEARS OF SCIENCE

DIFFERENT MARKET APPLICATIONS

Animal Health (2010)

THYMOX
HOOF



Surface Disinfecting (2016)

BIOESQUE
SOLUTIONS



Crop protection (2019)

THYMOX
CONTROL

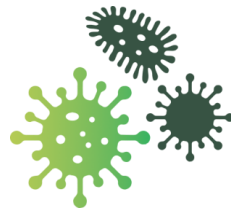


FUNGICIDE + BACTERICIDE ALL CROPS



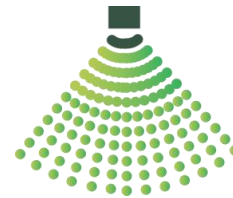
BOTANICAL OIL BASED

- 27% Thyme Oil in the concentrate
- FIFRA 25(b) Exempt biopesticide



BROAD SPECTRUM EFFICACY

- Kills pathogens on contact
- Targets common fungal and bacterial diseases: Powdery mildew, Grey mold (*Botrytis chinera*), Fireblight (*Erwinia amylovora*)



FOLIAR SPRAY

- Standard Spray equipment: High volume sprayers, booms, and air assist equipment



BROAD COMMERCIAL APPLICATION

- Indoor / outdoor
- Greenhouse, nursery
- Fruit and vegetable crops
- Orchard, tree fruit, vineyard
- Hop, hemp



THYMOX CONTROL[®] UNIQUE FORMULATION

LIQUID CONCENTRATE

Active ingredient: Thyme oil 27%

Laboratoire M2 had screened and selected the highest quality of Thyme oil

Unique blend: Glycerin, Potassium sorbate, Butyl lactate, Water, Isopropyl alcohol, Soapbark and Citric acid 73%

The blend contains a biosurfactant that allows the formation of a stable **nano emulsion**

INERT INGREDIENTS FUNCTIONS

Other ingredients: Glycerin, Potassium sorbate, Butyl lactate, Water, Isopropyl alcohol, Soapbark and Citric acid 73%

DILUENTS

- Glycerin,
- Butyl lactate,
- Water,
- Isopropyl alcohol
- ✓ Used as diluent
- ✓ Help optimize viscosity.
- ✓ Help stabilize the oil phase and
- ✓ maintain a one phase formulation.

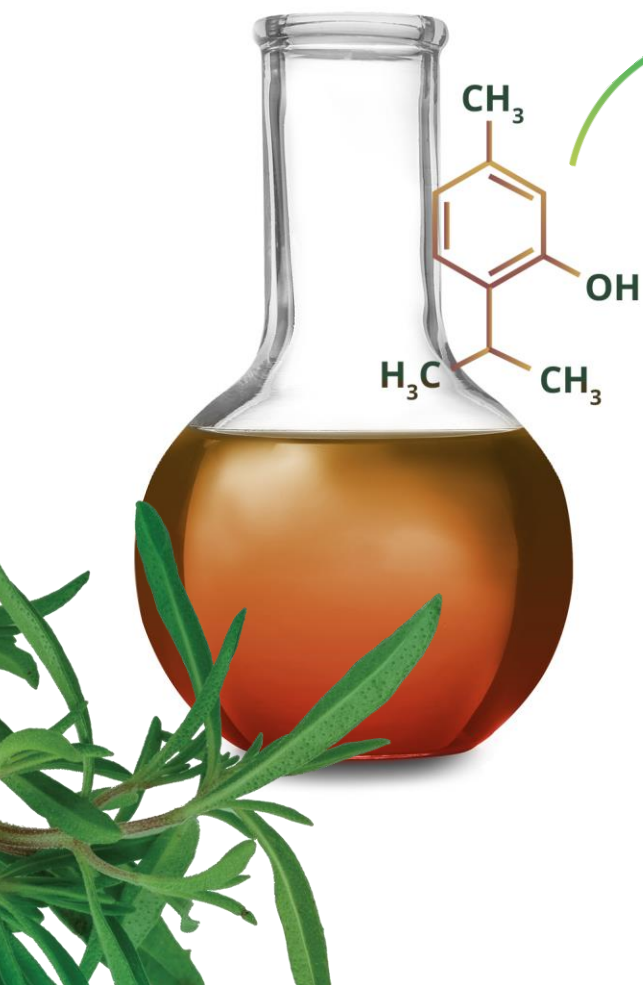
BIOSURFACTANT

- Soapbark
- ✓ Makes the oil miscible with water by forming micelles
- ✓ Help stabilize the oil-in-water emulsion by lowering the interfacial tension between the two phases

STABILIZING AGENTS

- Citric acid,
- Potassium sorbate
- ✓ Ion balancers
- ✓ Help maintain accurate polarity (ionic charges of ingredients) for optimal stabilization of compounds

THE MAJOR CONSTITUENTS OF THYME OIL

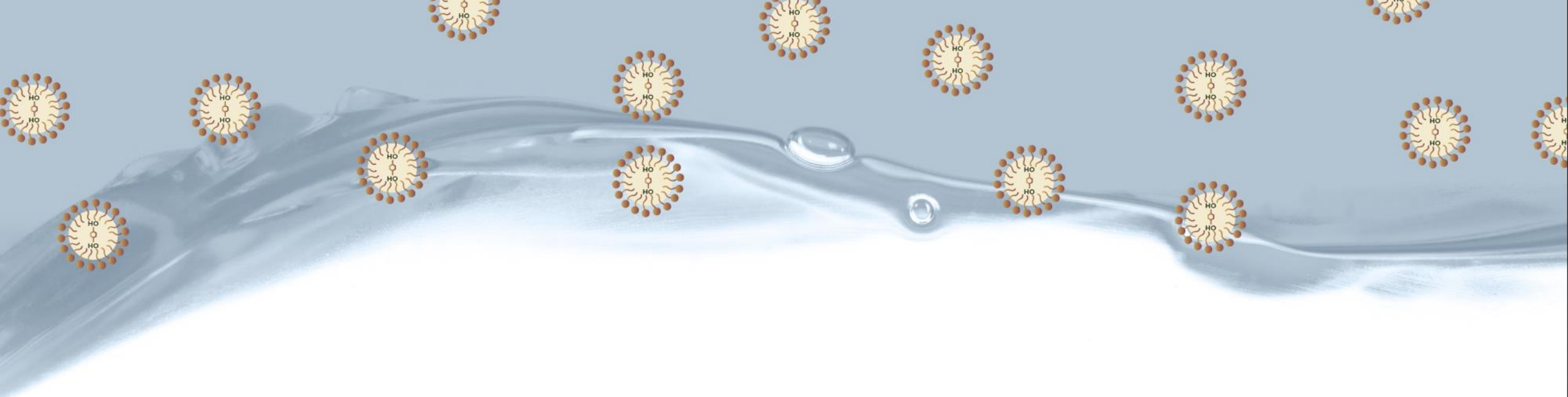


Thymol (23%-60%)

- γ -terpinene (18%-50%)
- p-cymene (8%-44%)
- carvacrol (2%-8%)
- Linalool (3%-4%)

- ✓ **A naturally occurring phenol**
- ✓ **Long history of use as a spice or preservative**
- ✓ **Listed as a flavouring agent in EU**
- ✓ **GRAS molecule (Generally Recognized As Safe)**

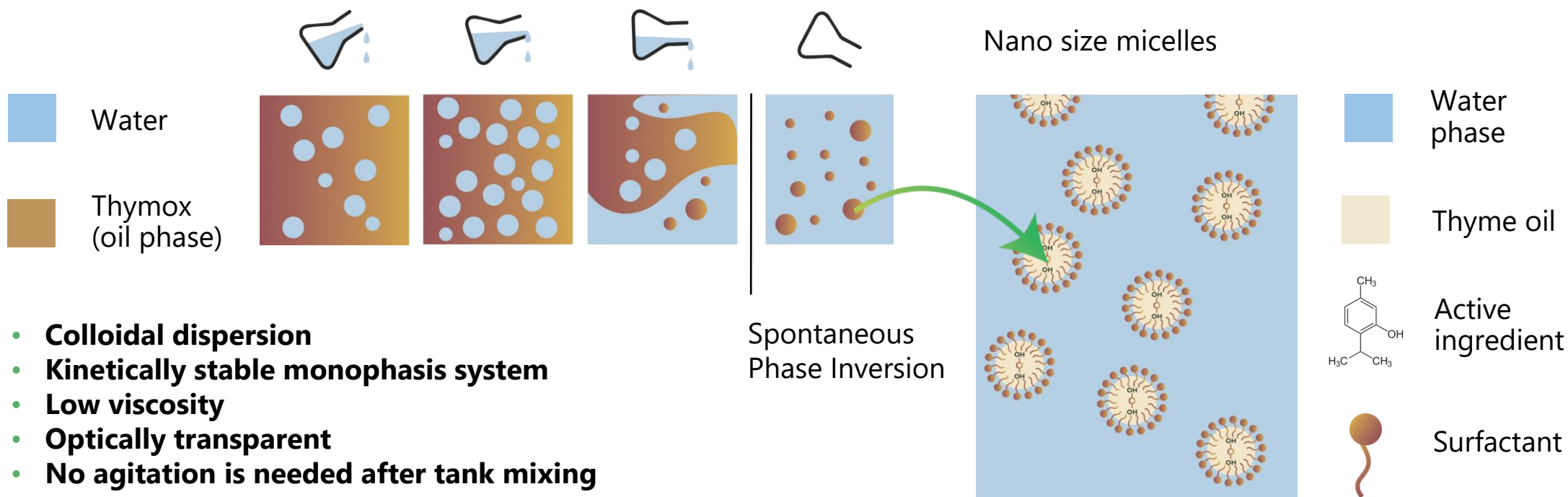
Thymox Control® is designed with Thyme oils that has the greatest chemical composition



HOW TO USE THE POWER OF A BOTANICAL OIL-BASED PESTICIDE IN A WATER-BASED TANK MIX SYSTEM?

THE NANO EMULSION TECHNOLOGY

Thymox Control NANO EMULSION allows an accurate, stable and dispersion of the oil in a water tank.

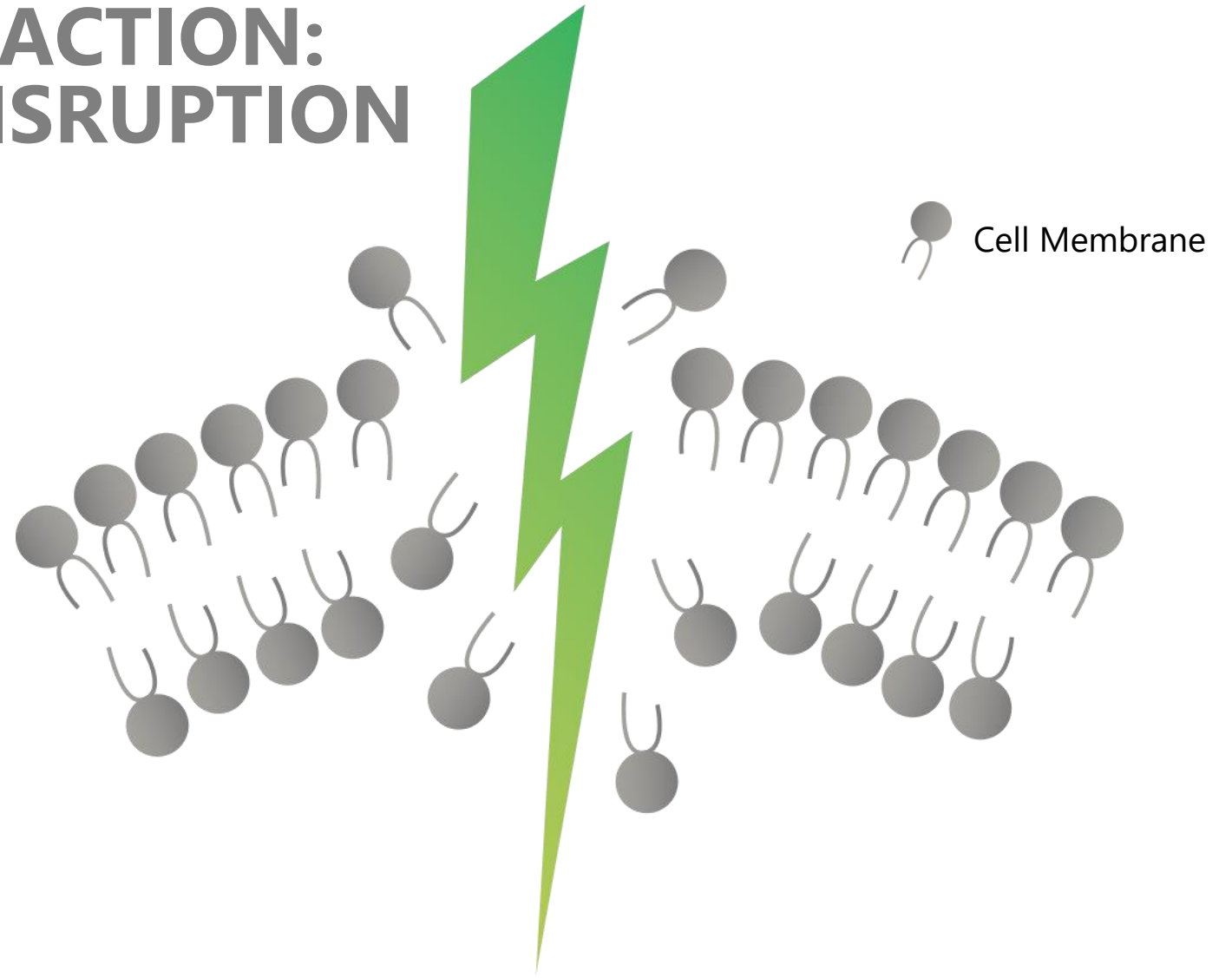


THYMOX MODE OF ACTION: CELL MEMBRANE DISRUPTION

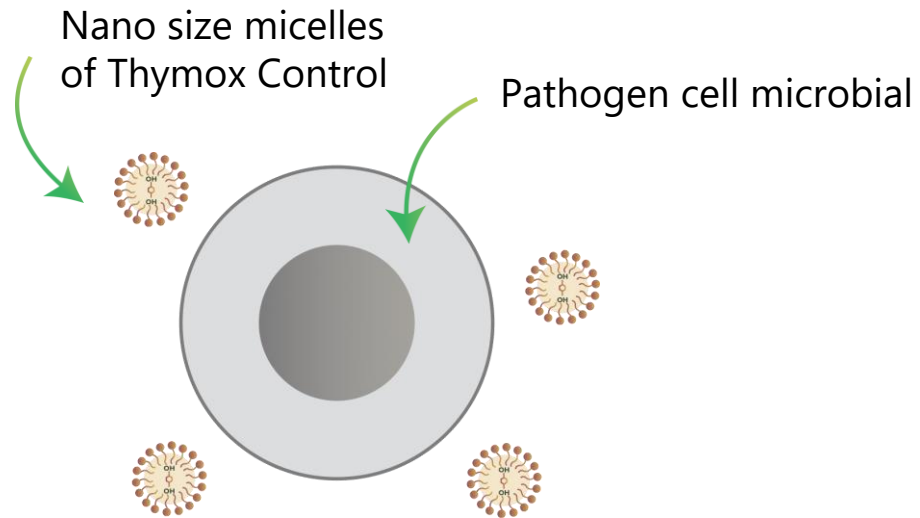
**KILLING PATHOGENS SUCH
AS BACTERIA AND FUNGI**

**Membrane disruption
= Cell leakage**

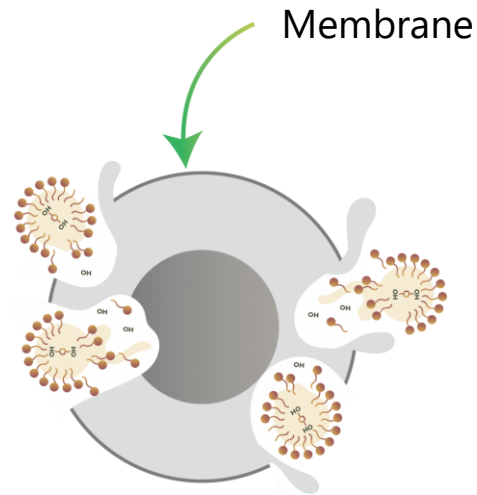
= Pathogen death



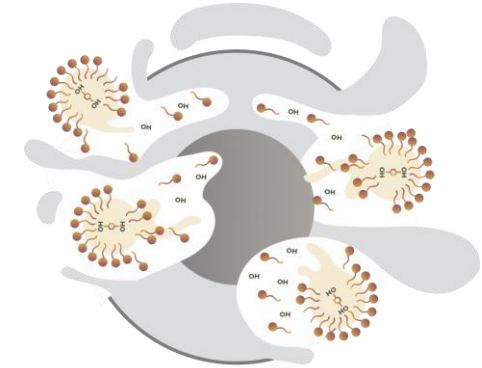
MOA - PATHOGENS ARE KILLED BY DISRUPTION OF CELL MEMBRANE



Thymol interacts with the outer cytoplasmic membrane of the pathogen due to its hydrophobic nature



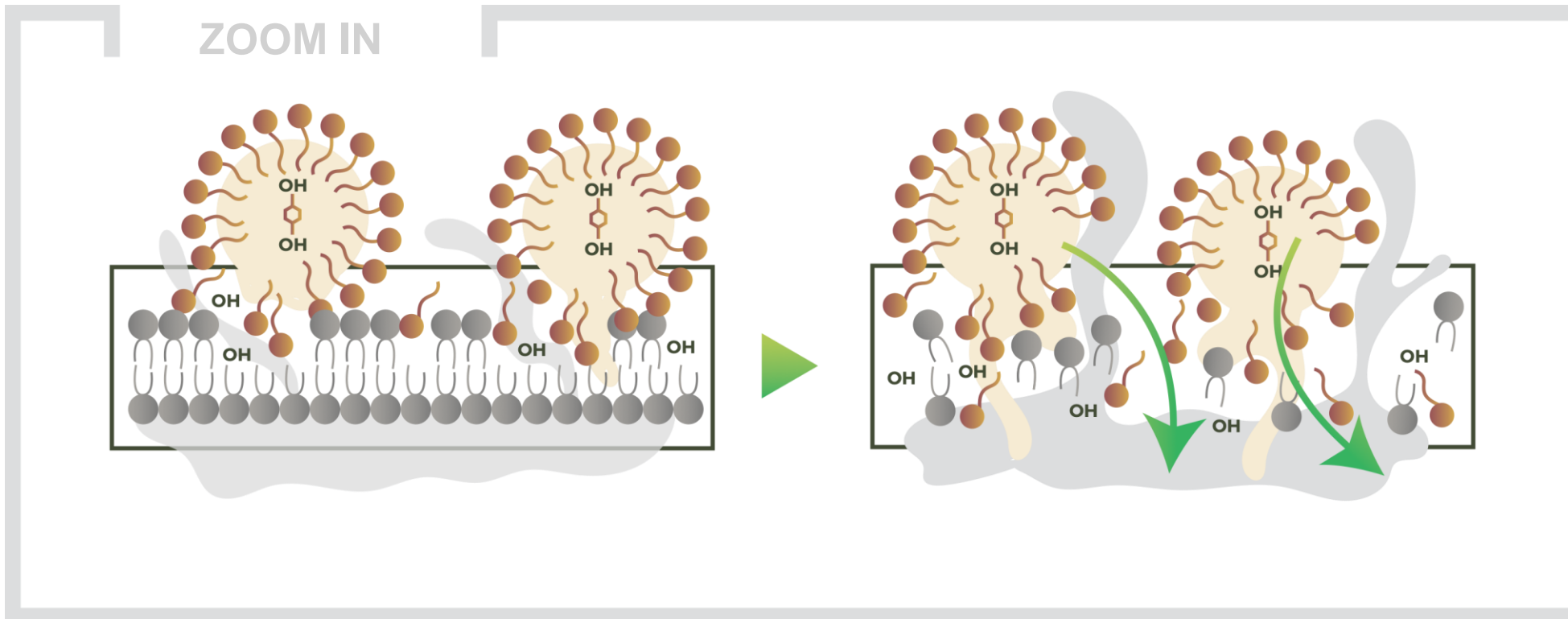
Thymol inserts into the cell membrane, damage it resulting in content leakage



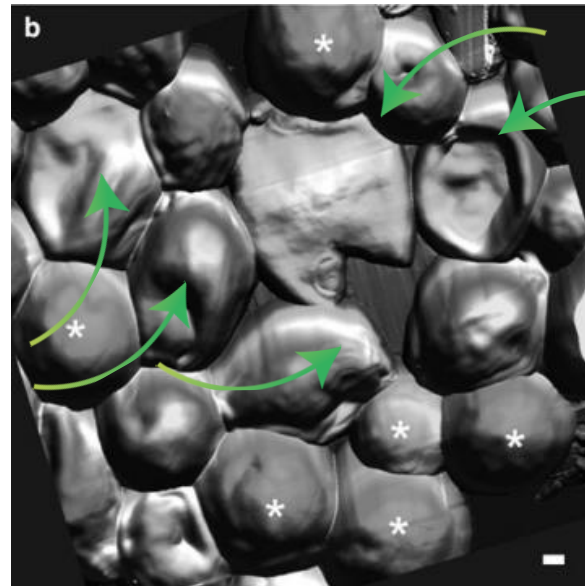
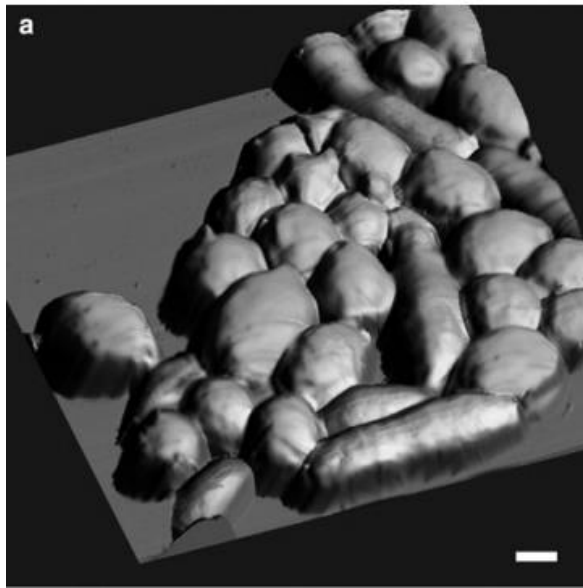
The outer cell membrane of the pathogen is destabilized, disrupted, and disintegrated causing its death

CELL MEMBRANE DISRUPTION MOA

MEMBRANE DISRUPTION = CELL LEAKAGE = PATHOGEN DEATH



ELECTRON MICROSCOPE WHITE PAPERS IMAGE OF MICROBIAL CELL



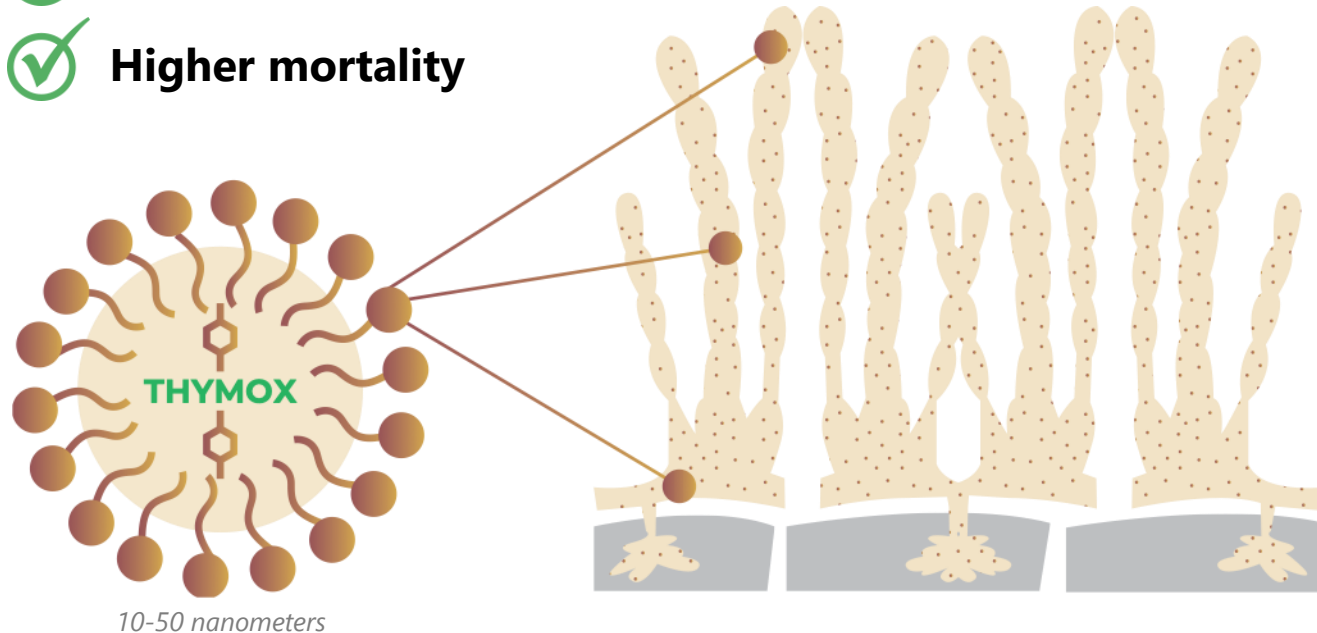
**RUPTURE CELL
MEMBRANE**

Fig. 2. Overall view of randomly chosen fields of *C. albicans* under normal conditions (a), and after incubation with thymol 1 MIC for 4 h (b). The cells marked with an *asterisk* have normal envelopes while the others have envelopes with thymol-induced alterations (AFM, bar = 1 μ m).

Braga PC, Ricci D. Thymol-induced alterations in *Candida albicans* imaged by atomic force microscopy. *Methods Mol Biol.* 2011;736:401-10. doi: 10.1007/978-1-61779-105-5_24. PMID: 21660740. <https://pubmed.ncbi.nlm.nih.gov/21660740/>

ADVANTAGE OF NANO-SIZE ACTIVE

- ✓ Superior coverage
- ✓ More contact with the pathogen
- ✓ More particles in an area
- ✓ Higher mortality

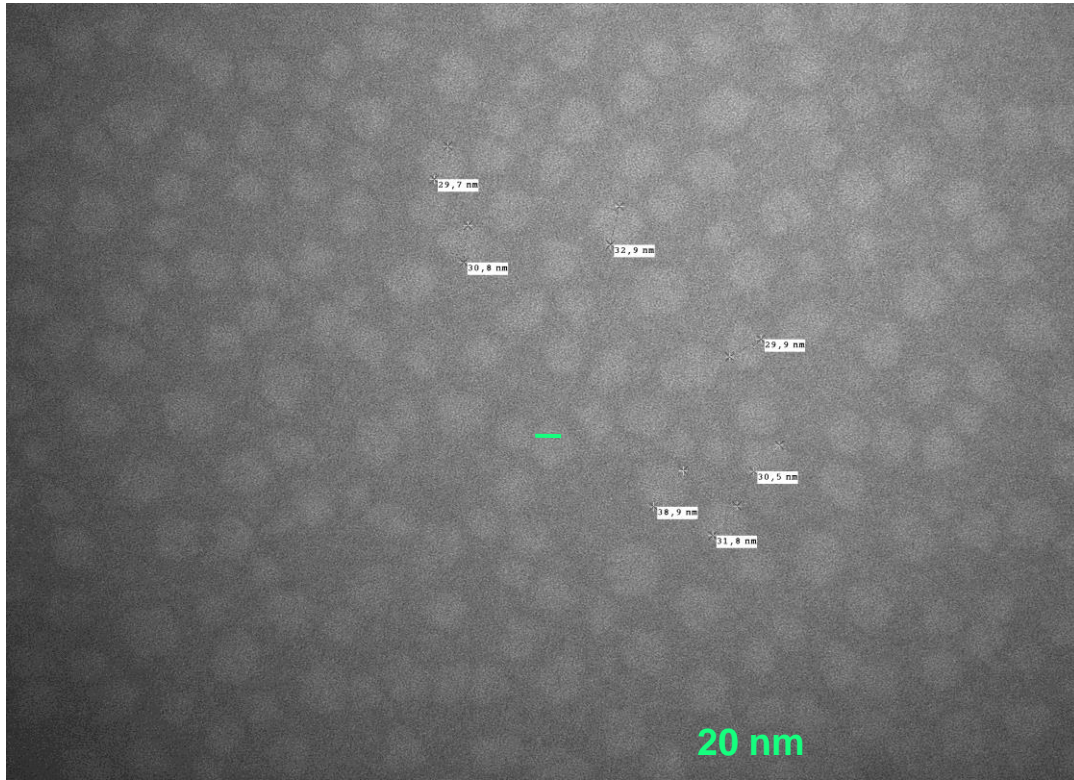


	FUNGI	BACTERIA
Size	2 – 10 μm (2,000 – 10,000 nm)	500 nm – 5000 nm
Thymox 10 – 50 nm coverage	~40 to 1000x smaller!	~10 – 50x smaller!

Billions of nanomicelles of Thymox Control are covering the pathogen

BILLIONS OF THYMOX CONTROL[®] MICELLES

MICROSCOPIC CAPTURE AT 60 000x

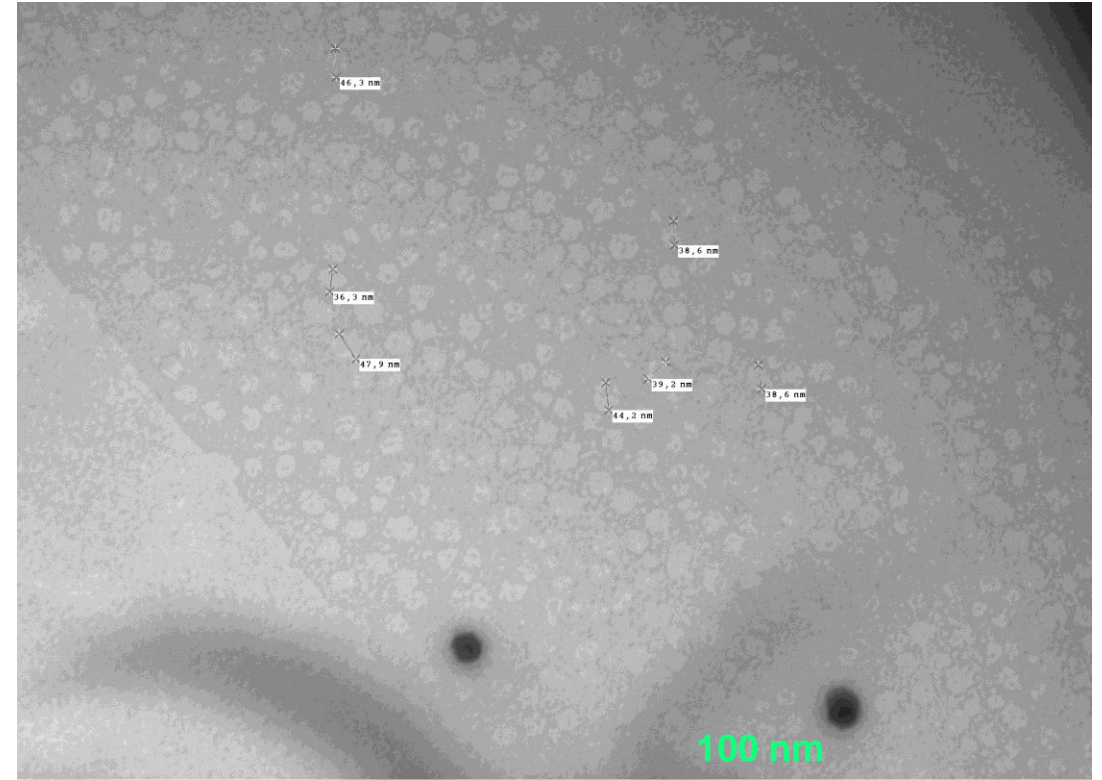


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TEM Mode: Imaging

HV=80,0kV
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Universite de Sherbrooke

Laboratoire M2

MICROSCOPIC CAPTURE AT 30 000x



Thymox-2-6.tif
Thymox-2-5M
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Direct Mag: 30000x
Universite de Sherbrooke

Laboratoire M2

THYMOX CONTROL MODE OF ACTION



THYMOL MOLECULE HAS THE ABILITY TO KILL PATHOGENS VIA CELL MEMBRANE DISRUPTION

MOA	TARGET SITE AND CODE	GROUP NAME	TARGET SITE AND CODE	COMMON NAME	COMMENTS	FRAC CODE
F: lipid synthesis or transport / membrane integrity or function	F7 cell membrane disruption	plant extract	terpene hydrocarbons, terpene alcohols and terpene phenols	extract from Melaleuca alternifolia (tea tree) plant oils (mixtures): eugenol, geraniol, thymol	Resistance not known.	46

FRAC Code List ©*2020: Fungal control agents sorted by cross resistance pattern and mode of action (including FRAC Code numbering)

THYMOX CONTROL: UNLIKELY TO DEVELOP RESISTANCE

Traditional fungicides, along with other pesticides used in crops are known for resistance issues, after repeated use over a short period of time

Today, no report of acquired resistance has been observed with thyme oil in microorganisms.





BEST FORMULATION FEATURES!



Instantly mixes with water



No agitation required after mixing



Highly stable formula



BEST TECHNOLOGY FEATURES!



Broad-spectrum efficacy



Powerful botanical biopesticide



**Unlikely to develop resistance
(FRAC 46)**



BEST APPLICATION FEATURES!

PHI
0 DAY



Worker safety

0:00
REI



Convenient to use



No MRL



Minimal PPE

NOVEL TOOL TO CONTROL THE DISEASES!

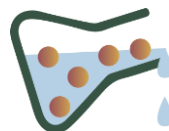
TOP 3 KEY FEATURES TO KEEP IN MIND



Highly effective botanical oil formulation



All-in-one broad-spectrum fungicide and bactericide



User friendly mixing and application

LABEL

THYMOX CONTROL is based on an essential oil technology. At the heart of THYMOX CONTROL is the powerful botanical active called Thymol which is a key component of thyme oil.

NOT FOR AQUATIC USE.

PRECAUTIONARY STATEMENTS

Flammable liquid and vapor. Causes severe skin burns and eye damage. May cause an allergic skin reaction. May cause respiratory irritation.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear protective gloves, protective clothing, eye protection and face protection. Do not breathe mist or vapor. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace.

First aid: In case of fire: Use appropriate media to extinguish.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention. **IF SWALLOWED:** Immediately call a POISON CENTER/doctor. Rinse mouth. Do NOT induce vomiting. **IF INHALED:** remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor. Specific treatment (see information on this label). **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Conditions of sale and warranty: Laboratoire M2 warrants that the Product conforms to the chemical description given on this label and is reasonably fit for the purpose stated when used in accordance with label directions under normal conditions of use. Laboratoire M2 and Seller make no other warranties, express or implied, including warranty of merchantability or fitness for a particular purpose. Buyer and User accept all risks arising from any use of this Product. In no case shall the Seller be liable for more than the cost of the product to the Buyer, and will in no event be liable for any consequential, special or indirect damages connected with the use or handling of this product.

Manufactured by:

Laboratoire M2, 4005-A Garlock,
Sherbrooke (Quebec) J1L 1W9, Canada
1 866 898-0697

Made in Canada

WA Reg. Number 996640-19001
THYMOX CONTROL US/rev6-2001

THYMOX CONTROL®

Fungicide and Bactericide Concentrate

THYMOX CONTROL can be used on fruits and vegetables crops, ornamentals and any other garden plants for both indoor and outdoor applications.



DANGER

KEEP OUT OF REACH OF CHILDREN

Active ingredient: Thyme oil 27%

Inert ingredients: Glycerin, Potassium sorbate, Butyl lactate,

Water, Isopropyl alcohol, Soapbark and Citric acid 73%

Total 100%

1 Gal



2.5 Gal



Directions for use: Read the entire label before using THYMOX CONTROL. Use only according to label instructions. If you do not understand this label, find someone who can help you understand it in details. Test with a small volume before making large-scale applications.

Target pests: THYMOX CONTROL helps control fungal diseases such as Powdery mildew and Grey mold (*Botrytis cinerea*), and bacterial diseases such as fireblight (*Erwinia amylovora*).

Sites: THYMOX CONTROL can be used on fruits and vegetables crops, ornamentals and any other garden plants for both indoor and outdoor applications, including greenhouses.

Dilution and mixing: Wear impervious gloves, safety glasses with side shields, and appropriate protective clothing when handling the concentrate. Dilute 1 part of THYMOX CONTROL concentrate in 200 parts of water (0.5%). Do not apply this product undiluted. Use immediately after dilution, do not store diluted product.

Application: Apply as a foliar treatment for crops. For an accurate control, ensure a uniform, complete coverage of the plant surfaces (stem, both sides of leaves), until runoff. Application can be made at any time during growing season, when conditions (humidity, temperature etc.) promote microbial growth or when fungal diseases symptoms first begin to appear. Repeat applications at every 5-7 days, or as necessary to maintain desired level of control.

Storage and disposal: Store only in original container in a cool (59°F to 86°F), dry place inaccessible to children and pets. Store in a well-ventilated place. Keep container tightly closed. Do not reuse empty containers. Please comply with applicable state and local guidelines for recycling or trash. Do not freeze.

THIS PRODUCT IS EXEMPT FROM REGISTRATION WITH THE U.S. ENVIRONMENTAL PROTECTION AGENCY UNDER FIFRA SECTION 25(B) REGULATIONS.

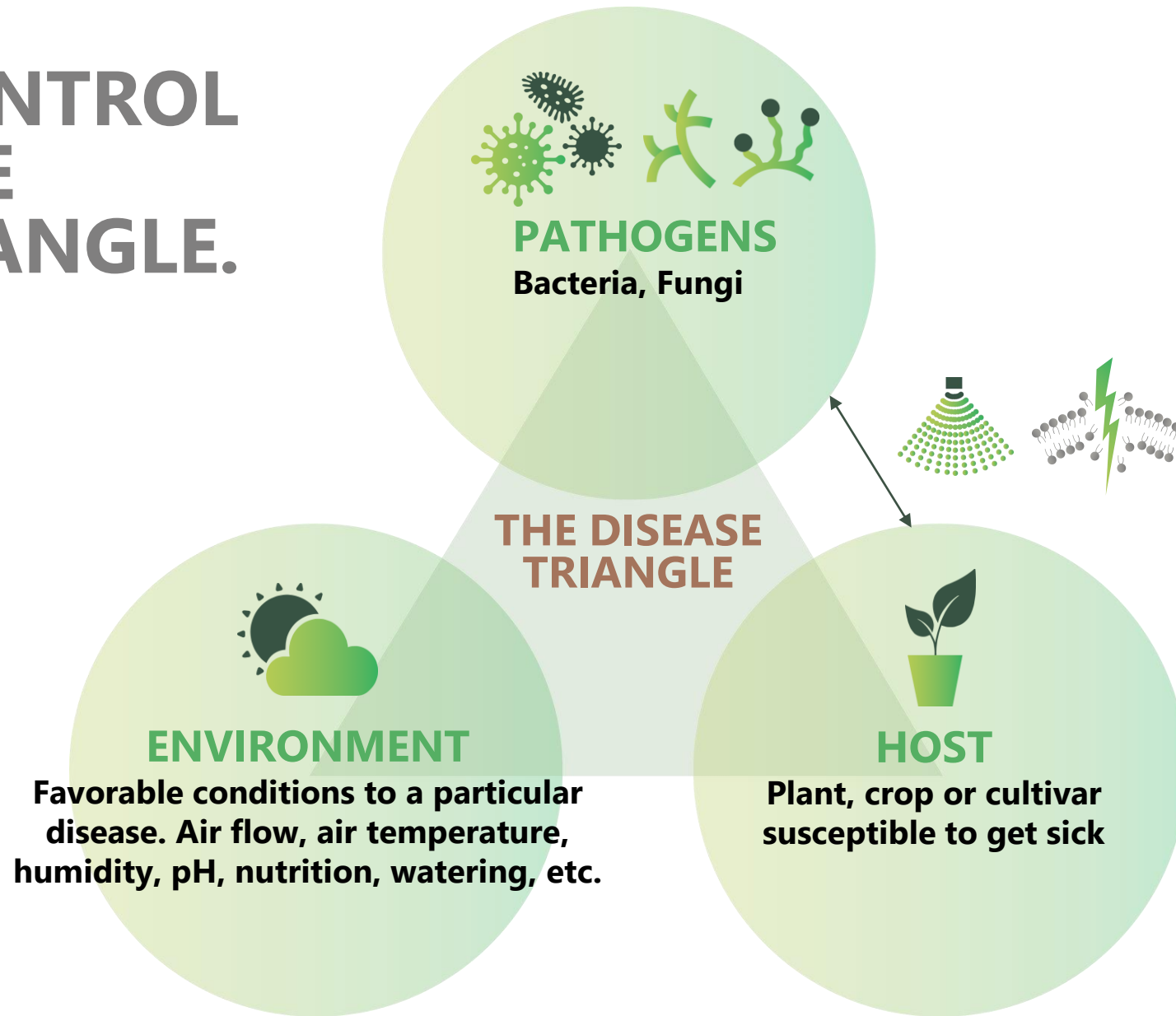
PROVEN EFFICACY

THYMOX


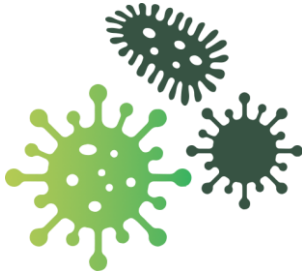
v1020-1. All rights reserved. ®™ Trademarks of Laboratoire M2 inc. FIFRA 25(b) exempt pesticide: This product is exempt from registration with the U.S. Environmental Protection Agency under FIFRA section 25(b) regulations.






THYMOX CONTROL DISTURB THE DISEASE TRIANGLE.



KNOW YOUR PATHOGENS!

	FUNGI	BACTERIA
Size	<p>2 – 10 µm Structures can be seen by a naked eye</p>	<p>500 nm – 5000 nm Need light microscope to visualize</p>
Needs	Temperature, moisture, nutrients, other living hosts	Temperature, moisture, nutrients, other living hosts
Organization	Multicellular, sexual reproduction, single cells but of various form (conidia, hyphae, spores, etc.)	Single cell, sometimes in chains and/or biofilms
Commons morphologies		 <p><i>Staphylococcus, Sarcinia, Diplococcus, Streptococcus, Tetracoccus, Bacillus, Vibrio, Spirillum</i></p>

KNOW YOUR PATHOGENS!

	FUNGUS		BACTERIA
Pathogens	<p>POWDERY MILDEW (<i>Erysiphe sp., Podosphorea sp.</i>)</p>	<p>GREY MOLD (<i>Botrytis cinerea</i>)</p>	<p>FIREBLIGHT (<i>Erwinia amylovora</i>)</p>
Disease symptoms	<ul style="list-style-type: none"> White powdery spots on the leaves, fruits and stems 	<ul style="list-style-type: none"> Fluffy gray masses of spores with a velvety appearance on flowers, leaves and stems 	<ul style="list-style-type: none"> Dried leaves, blossoms, fruits, shoots, and branches 
Common crops affected	<ul style="list-style-type: none"> Grapes, Apples and pears, Cucurbits and melons 	<ul style="list-style-type: none"> Small fruit crops (grape, strawberry, and raspberry), Vegetables (lettuce, broccoli, and beans) 	<ul style="list-style-type: none"> Apples, Pears, Many other rosaceous plants
Facts to know	<ul style="list-style-type: none"> Prevalent in warm, wet weather Spores can overwinter Wind and insects are often vectors of transmission Each plant has a specific species of fungi 	<ul style="list-style-type: none"> Travels quickly through plants, especially during damp, cool to mild weather 	<ul style="list-style-type: none"> Bacteria overwinters in living trees Bloom period is the start for infection cycle

IN VITRO ANTIMICROBIAL LAB RESULTS

THYMOX CONTROL® CONTROLS VARIOUS PLANT PATHOGENS IN IN VITRO LAB STUDIES.

McGill University, Montréal, Canada

PATHOGENS TESTED		SYMPTOMS	HOST
<i>Aspergillus ochraceus</i>	Fungi	Mold	Industrial hemp
<i>Botrytis cinerea</i>	Fungi	Grey mold	Strawberries, wine grapes...
<i>Fusarium equiseti</i>	Fungi	Wilting	Wheat, barley, bananas...
<i>Xanthomonas campestris</i>	Bacteria	Black rot	Cruciferous vegetables (broccoli, cabbage...)

University of Idaho, Parma Research and Extension Center, 2020

PATHOGENS TESTED		SYMPTOMS	HOST
<i>Alternaria alternata</i>	Fungi	Brown spot	Wide host range including cereals and many fruits and veg crops
<i>Alternaria solani</i>	Fungi	Early blight	Potato and tomato
<i>Colletotrichum coccodes</i>	Fungi	Black spot	Potato
<i>Fusarium sambucinum</i>	Fungi	Dry rot	Potato and hops
<i>Pythium ultimum</i>	Fungi	Leak	Wide host range
<i>Rhizoctonia solani</i> AG2-1, AG3-PT, AG4 HG-II	Fungi	Stem canker and black scurf	Potato, brassica, hops, sugar beet, cereals
<i>Sclerotinia sclerotium</i>	Fungi	White mold	Potato, beans, brassicas
<i>Setophoma terrestris</i>	Fungi	Pink root	Onion, corn, melon, wheat
<i>Pectobacterium atrosepticum</i>	Bacteria	Black leg, aerial stem rot	Potato

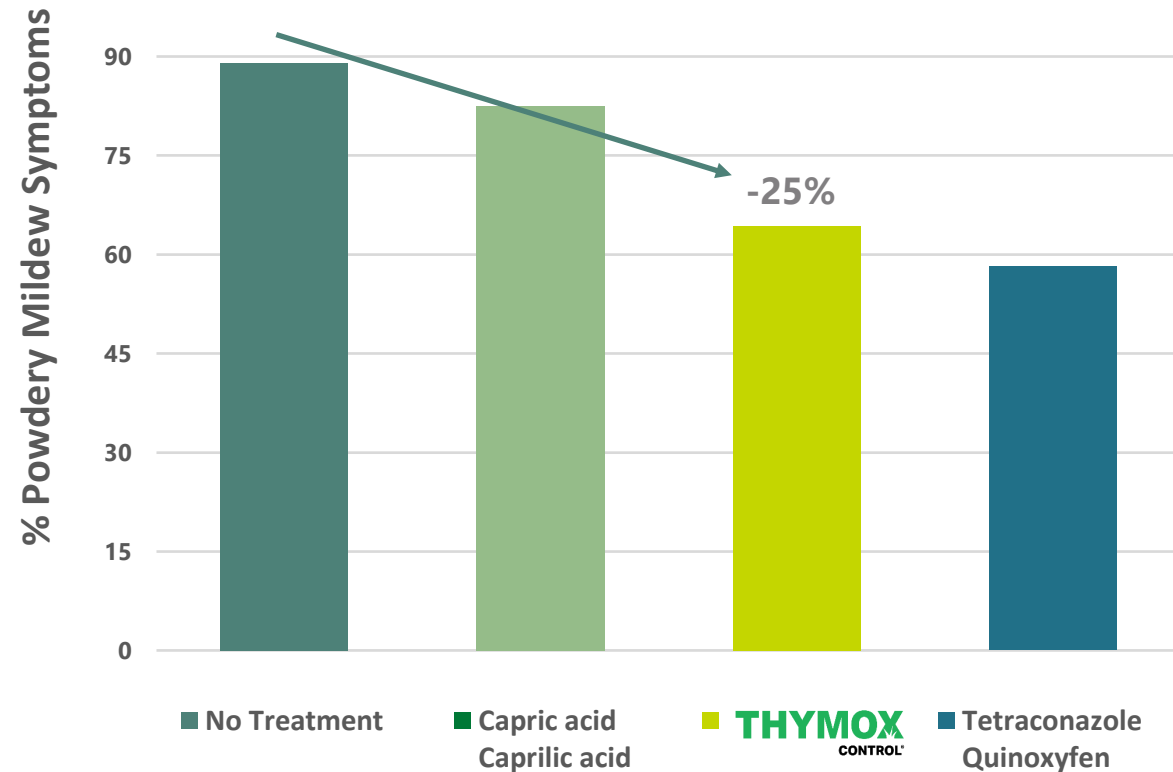
POWDERY MILDEW – STRAWBERRIES



- Location: Gulf Coast Research and Education Center, Wimauma, FL 33598
- Study Director: N.A. Perez, University of Florida
- Thymox was applied weekly over a 7-wk period from 22 Nov 2019 to 3 Jan 2020.
- Phytotoxicity symptoms were not observed in this experiment.

AT 0,5% DILUTION, WE OBSERVED A REDUCTION OF 25% OF THE POWDERY MILDEW SYMPTOMS.

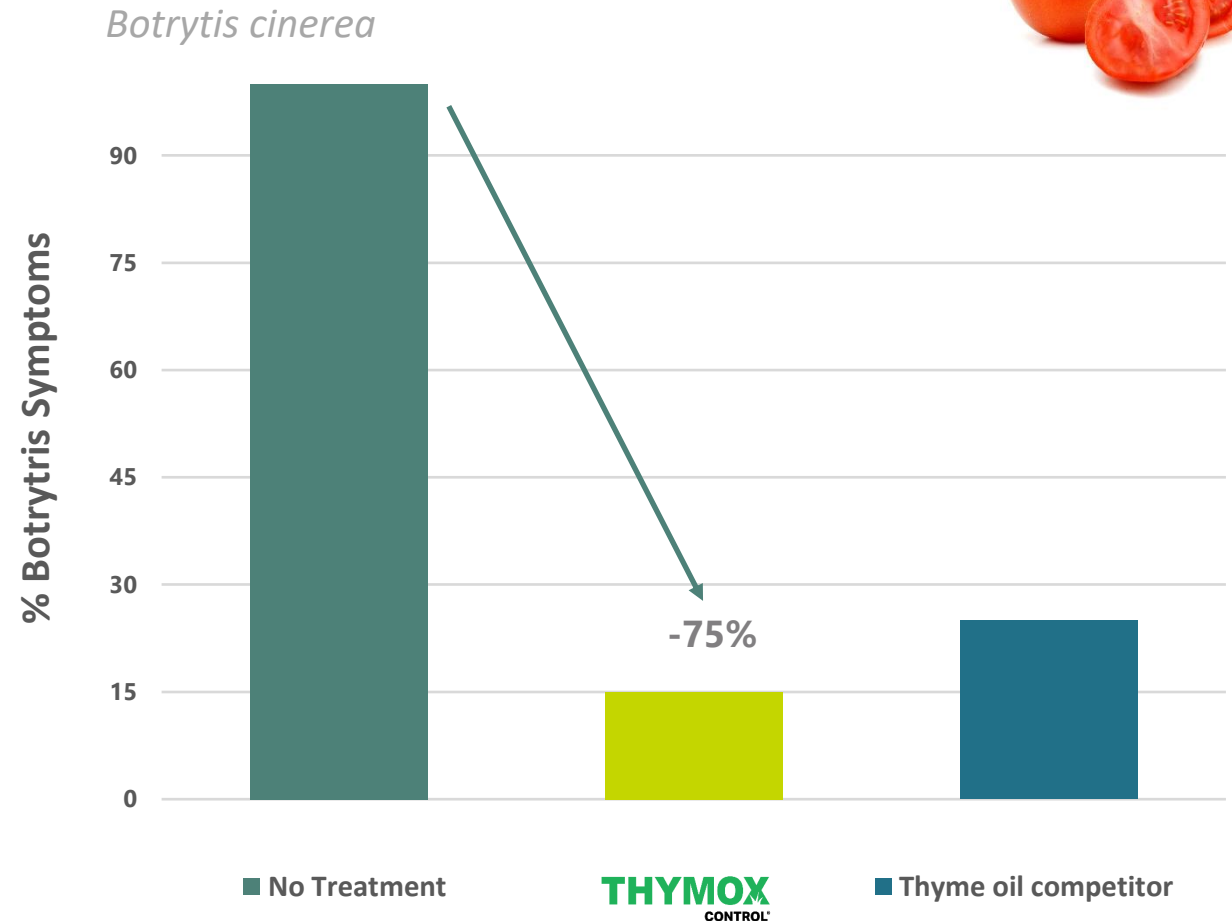
Erysiphe sp., Podosphorea sp.



BOTRYTIS – TOMATOES

- 30-day controlled greenhouse trial
- Date: July 2020
- Location: Great Bend, KS
- Study: Performance Crop Research
- Treatments: Foliar applications
- Phytotoxicity symptoms were not observed in this experiment.

AT 0,5% DILUTION, WE OBSERVED A REDUCTION OF 75% OF THE GREY MOLD (BOTRYTIS) SYMPTOMS.

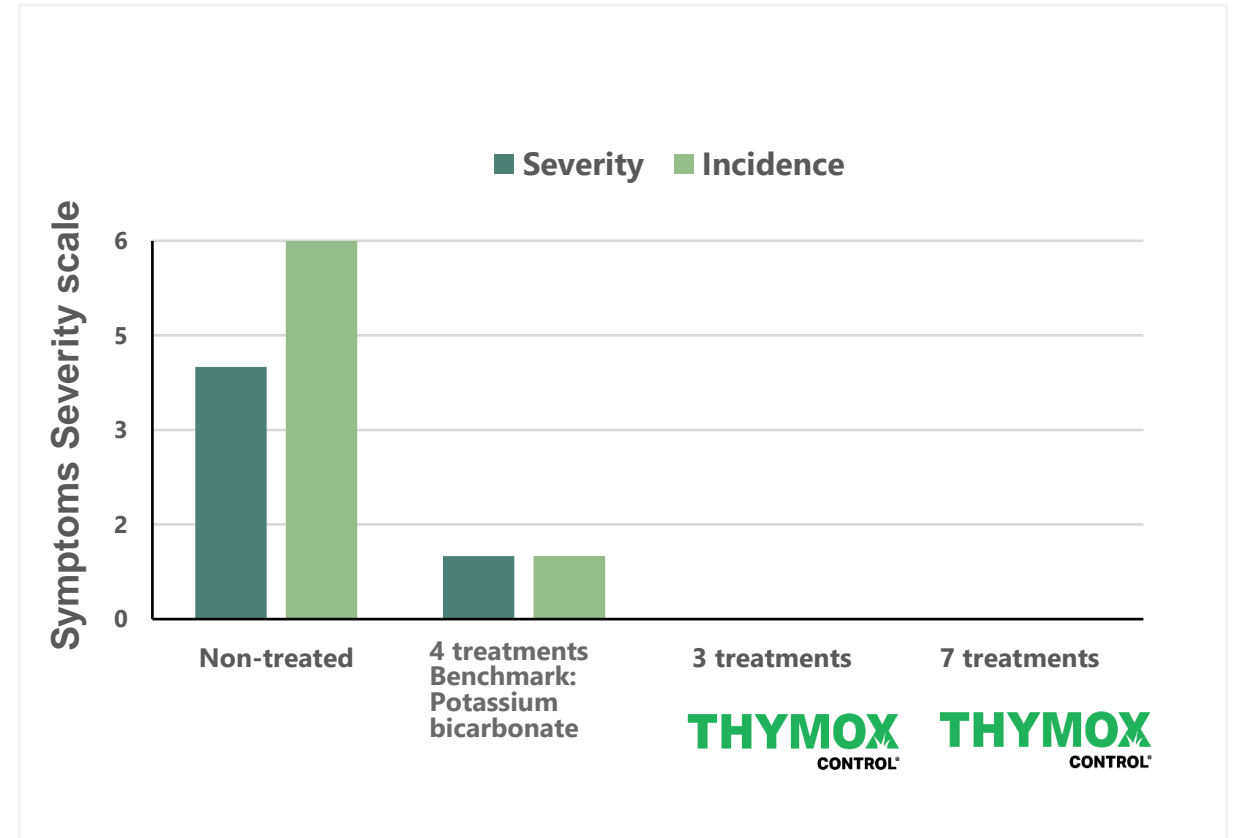


INDUSTRIAL HEMP – POWDERY MILDEW

- 30-day controlled greenhouse trial
- Date: Sept. 2019
- Location: Great Bend, KS
- Study: Performance Crop Research
- Treatments: Foliar applications
 - T1: Spray every 14 days (total applications: 3)
 - T2: Spray every 5 day (total applications: 7)
- Powdery mildew symptoms were observed on plants, and severity and incidence symptoms were measured on a numeric scale (0-10, 0 being no symptoms).

✓ **Complete control of powdery mildew symptoms on hemp whether spray every 2 weeks or every 5 days**

✓ **Great benefit for growers**



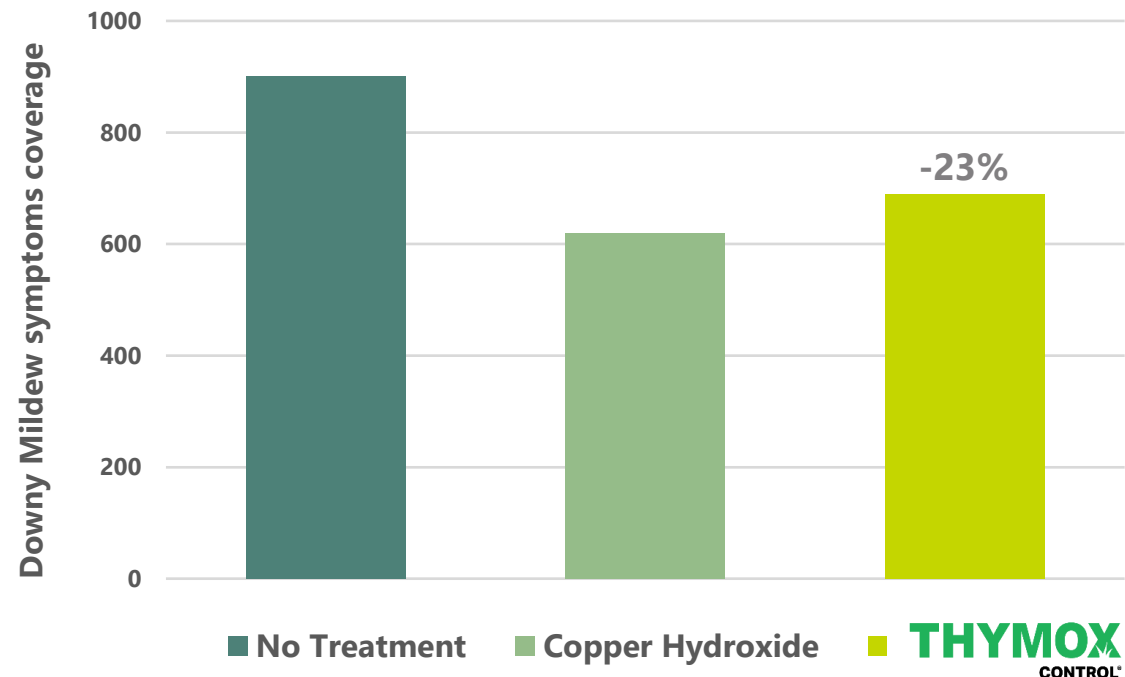
DOWNY MILDEW – HOP

- Corvallis, David H. Gent, Oregon, 2020
- Cumulative disease severity as measured by the area under the disease progress curve was similar between plants treated with Kocide 3000 or Thymox CONTROL at 0.5%.

AT 0,5% DILUTION, WE OBSERVED A REDUCTION OF 23% OF THE DOWNY MILDEW SYMPTOMS ON HOP.



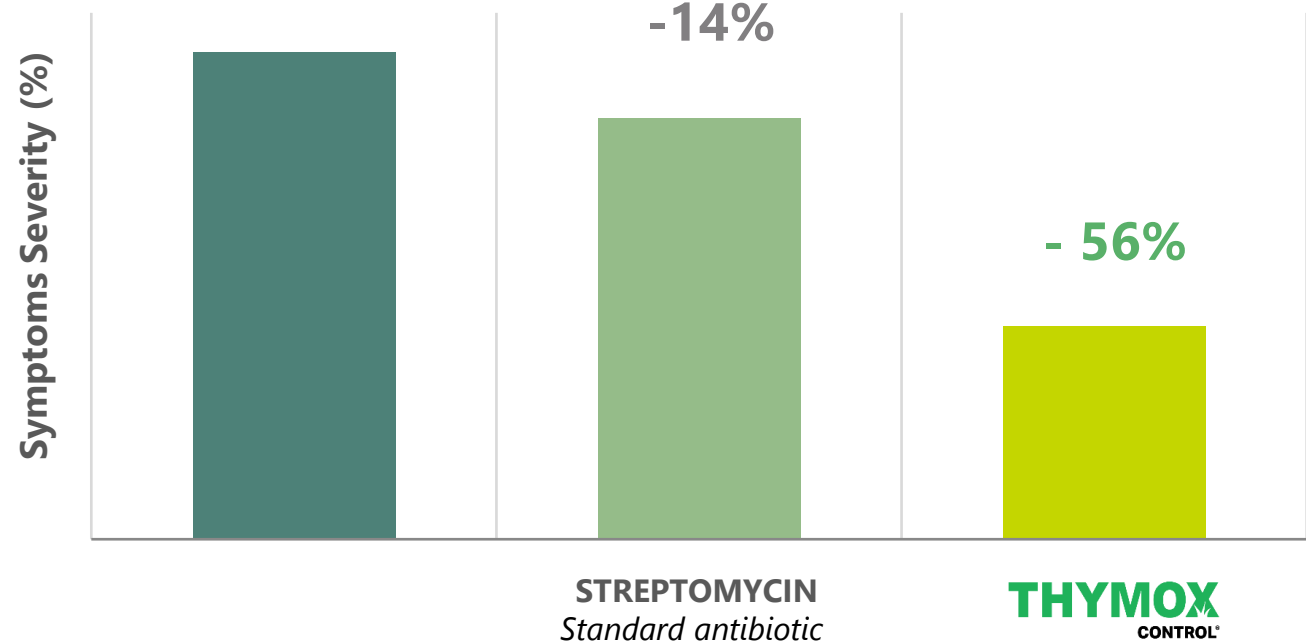
Pseudoperonospora humuli



FIREBLIGHT - *ERWINIA AMYLOVORA*

- St-Bruno-de-Montarville, Quebec, Canada
- Apple blossoms were inoculated with a streptomycin-resistant strain of *Erwinia amylovora*, isolated from an Oregon orchard.
- Treatment of Thymox Control and streptomycin were made on the flower.
- 7 days after treatment, severity of symptoms were recorded and reported on a % basis (0% being no symptoms).

THYMOX CONTROL[®]
SHOWED BETTER CONTROL
ON STREPTOMYCIN-RESISTANT STRAINS
VS THE STANDARD ANTIBIOTIC



PEAR & APPLE

LOCATION: WENATCHEE, WA

APPLICATIONS	TEST A	TEST B	TEST C
CROP & VARIETY	Pear (Concorde, Comice)	Apple (Pink Lady)	Pear (Bartlett & D'anjou)
DATE & TEMPERATURE	June 20 th at 5:30 AM 64 °F, sunny/clear	June 7 th at 6:00 AM 72 °F	June 4 th at 6:30 AM 73 °F start, 79 °F finish
RATE	64 fl oz/100 gal/a Thymox Control	64 fl oz/100 gal/a Thymox Control	64 fl oz/100 gal/a Thymox Control mixed with Bexar, Assail, Rimon, Agri- Mek & summer oil
EQUIPMENT	Handgun to minimize drift	Rears Power Blast with 33" fan	Air-O-Fan Engine Drive airblast sprayer
RESULTS	No russet or scuff	No russet or fireblight in the treated block	No fireblight, clean block



D'anjou pears



*Bartlett branch
No fireblight*

APPLE

LOCATION: MILTON FREEWATER, OR

APPLICATIONS	TEST A	TEST B
CROP & VARIETY	Apple (Pink Lady)	Apple (Honeycrisp)
RATE	64 fl oz/100 gal/a Thymox Control	64 fl oz/100 gal/a Thymox Control
FREQUENCY	4 Thymox Control1 Previsto ORGANIC copper every 5 days	4 Thymox Control1 Previsto ORGANIC copper every 5 days
FIELD SURFACE APPLIED	1 acre	1 acre
RESULTS	Thymox Control stopped the blight strikes and the early heat temperatures dried them up.	



*Fireblight on
apple tree*

CHERRY & GRAPE

LOCATION: GOLDENDALE, WA

APPLICATIONS	TEST A	TEST B
CROP & VARIETY	Cherry	Grape (Chardonnay)
DATE & WEATHER	June 5th Sunny and dry	June 10th, July 10th, July 13th Warm, dry, light wind
RATE	64 fl oz/100 gal Thymox Control	64 fl oz/100 gal Thymox Control Tank mixed with sulfur
EQUIPMENT	Airblast 130 gal/acre	1 acre
FIELD SURFACE APPLIED	2 acres	2 acres
RESULTS	no Mildew	Somewhat effective, spray interval should be shorter and tank mix with another fungicide



Chardonnay grape



Cherry block

NO PHYTOTOXICITY

✓ **No harm was reported after application on leaves and fruits.**

- Hemp
- Hops
- Apples (pink lady)
- Pears (comice, bartlett, d'anjou, concorde)
- Grapes (chardonnay)
- Cherries
- Ornamental plants



COPPER USAGE CAN BE DETRIMENTAL OVER TIME



Why we would recommend Thymox Control instead of copper?

- Easier and safer to use
- No agitation required
- No risk of uneven application or inaccurate mixing
- No clogging and caking in the tank
- No corrosion of the system
- No applicator safety concerns due to copper dust
- No blue hue
- No copper-loading of the soil



Standard Corn Field



Corn field where copper sulfate footbaths have been sprayed for a long period of time

DIRECTION FOR USE

MINIMAL PPE



PERSONAL PROTECTIVE EQUIPMENT (PPE):

When mixing, applying or handling product, wear required appropriate PPE, which includes but is not limited to:

- Safety glasses with side shields
- Long-sleeved shirt
- Pants
- Protective footwear
- Impervious gloves

Always refer to the product label.

RECOMMENDED APPLICATION RATE

✓ **Do not apply this product undiluted**

✓ **Use immediately after dilution**

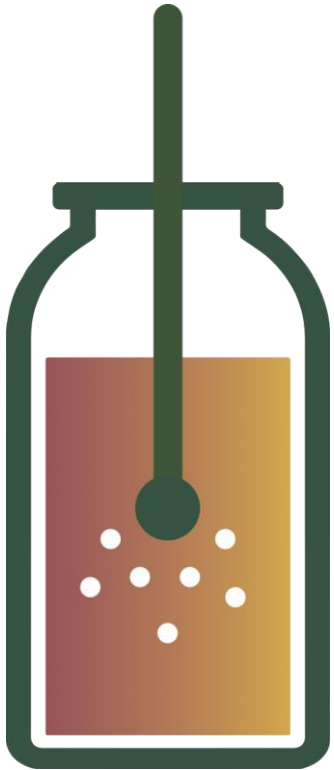
✓ **Do not store diluted product**

Always refer to the product label.

**ONE RATE! 64 fl. oz. /
100 gallons of water (1:200 or 0.5% rate)**

- Typical volume per one acre: 100 gallons (may varies per crop)
- Spray until runoff
- However, plant height and plant density would determine the volume needed:
 - Larger plant and higher density crop may require an additional volume application

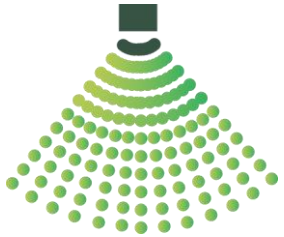
MIXING DIRECTIONS



- ✓ **Easy preparation and mixing steps**
- ✓ **Completely soluble in water**
- ✓ **Immediate homogenous, one-phase solution**
- ✓ **NO continuous tank-mix agitation needed after dilution**
- ✓ **NO need to mix with other chemicals –> Avoid mixing errors**
- ✓ **Easy to include to your integrated pest or disease management program**

Always refer to the product label.

APPLICATION AND TIMING



- **Foliar spray:** High volume sprayers such as airblast, boom applicators, or hand application sprayers
- Ensure a uniform coverage on plant surfaces until runoff



-
- For best results, repeat every 5-7 days, or as necessary to maintain desired level of control
 - Apply at any time during growing season when conditions (humidity, temperature etc.) promote microbial growth
 - For preventative control, apply prior to symptom development and pathogen reproduction.
 - No REI - PHI

Always refer to the product label.

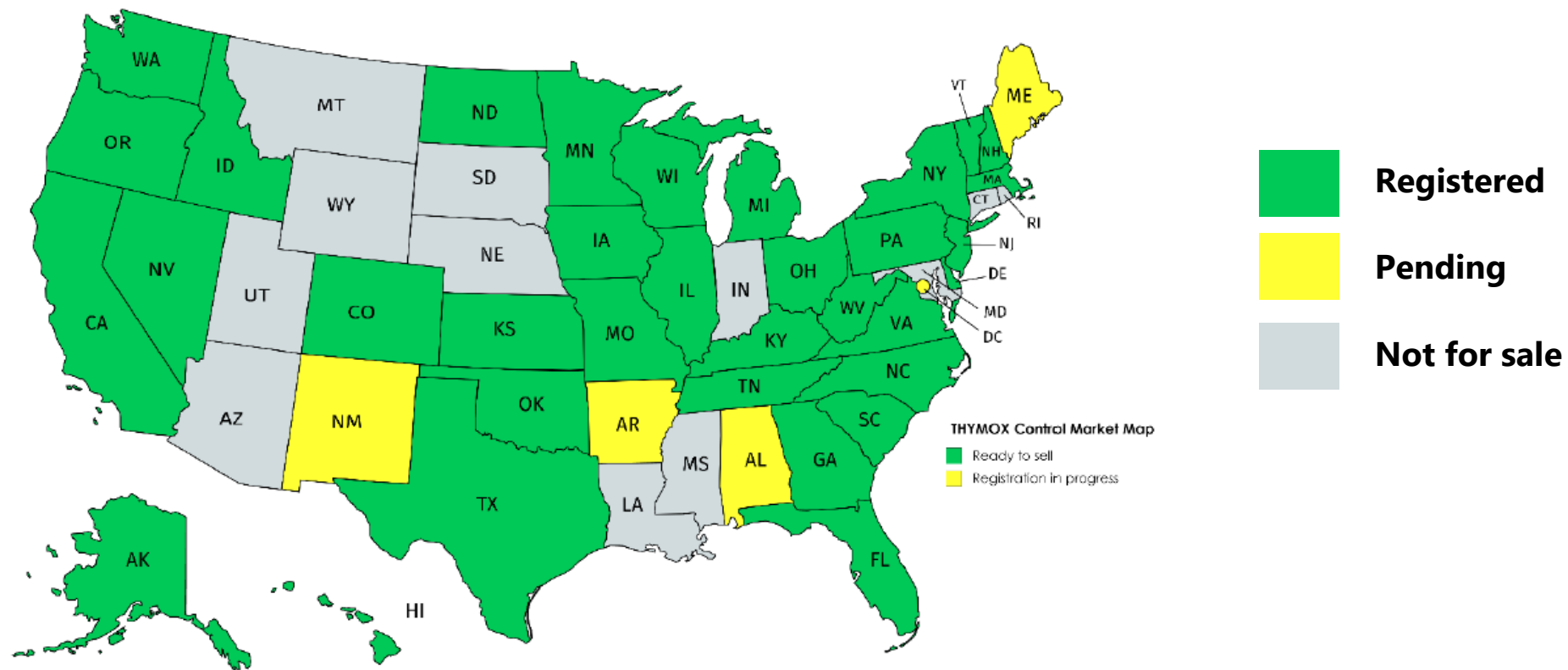
PACKAGING



- ✓ **1 Gallon bottle, F-Style Jug**
- ✓ **2.5 Gallon bottle, F-Style Jug**
- ✓ **Packaging: Boxes or Pallet**
- ✓ **Bulk option:**
 - 55 gallons drums
 - 275 gallons totes

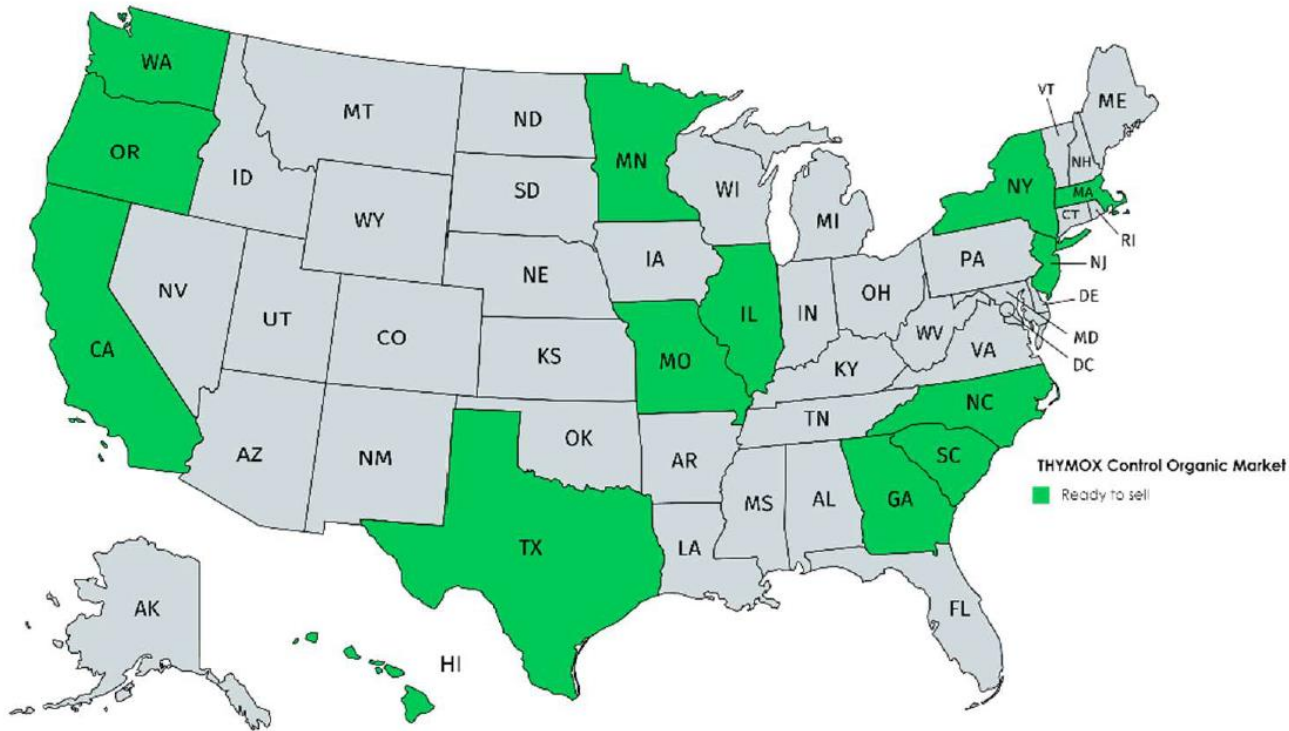
STATES REGISTRATIONS

34 STATES APPROVED WITH 25(B) REGISTRATIONS



THYMOX CONTROL[®] ORGANIC VERSION

- OMRI-Listed
- For organic crops



Laboratoire M²

THYMOX

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LABORATOIRE M2 MISSION

To provide alternative, breakthrough disinfecting technologies to reduce exposure to toxic chemicals and development of antibiotic resistance, and developing botanically derived disinfecting products to meet our customers' needs in solving today's toughest pathogenic problems.

Laboratoire 

WHO THEY ARE?

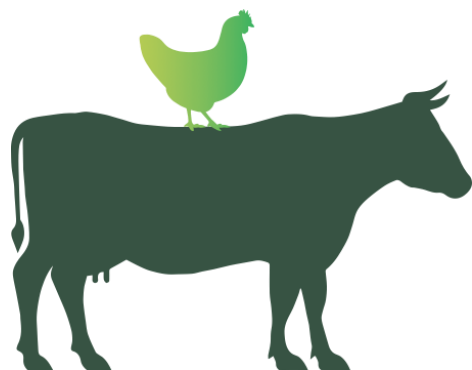


- A green technology, life sciences company, and maker of THYMOX®
- Headquartered in Sherbrooke, Quebec
- Focused on botanically derived disinfecting
- Core formulation/technology can be applied to a variety of microbial pathogens problems
- Commercial use cases in multiple markets
- Sales and distribution on 3 continents, 5 countries
- Company and technology is de-risked, over 5 years of in market experience
- State-of-the-art laboratory and professional staff to support research and development
- Strong intellectual properties strategy
- Scale up of manufacturing completed, international footprint
- Unlimited supply of raw materials and capacity of finished product

COMPETENCIES

- LM2 is first and foremost a biotechnology company
- Their strength lies in the master of a certain range of science
- Specifically, they are experts in the application of essential oils, notoriously difficult to use
- The core of this technology is called a “nano-emulsion”
- This makes an oil, behave like it “likes water”, instead of floating to the top, or requiring mixing





ANIMAL HEALTH

- Replacement for toxic products
- Excellent partnerships



SURFACE DISINFECTING

- Core competencies
- Most mature
- Excellent partnerships



CROP PROTECTION

- Breakthrough technology
- Product launched in 2019

LABORATOIRE M2 BRANDS

ANIMAL HEALTH

THYMOX[®]

HOOF



SURFACE DISINFECTING

BIOESQUE[™]

SOLUTIONS



CROP PROTECTION

THYMOX[®]

CONTROL



**THANK YOU!
QUESTIONS?**