

AMR
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**SECTION 18 EMERGENCY EXEMPTION FOR THE USE OF MYCOSHIELD®
FOR SUPPRESSION OF HLB ON CITRUS IN FLORIDA**

Mycoshield®

EPA File Symbol: 19FL02

GROUP	41	FUNGICIDE
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FOR DISTRIBUTION AND USE ONLY IN FLORIDA

This Section 18 Emergency Exemption is effective 12-31-2018 and expires 12-31-2019

- This labeling must be in the possession of the user at the time of application.
- It is in violation of federal law to use this product in a manner inconsistent with its labeling.
- Read the label affixed to the container for Mycoshield before applying. Carefully follow all precautionary statements and applicable use directions.
- Any adverse effects resulting from the use of Mycoshield under this emergency exemption must be immediately reported to the Florida Department of Agriculture and Consumer Services.

FOR USE ONLY ON COMMERCIAL CITRUS

ACTIVE INGREDIENT:

Calcium Oxytetracycline* 17.7%

OTHER INGREDIENTS: 82.3%

TOTAL: 100.0%

*Equivalent to 17% oxytetracycline

**KEEP OUT OF REACH OF CHILDREN
WARNING / AVISO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

**For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300
For Medical Emergencies Only, Call (877) 325-1840**

EPA Reg. No. 55146-97

Manufactured For
NUFARM AMERICAS INC.
AGT DIVISION
11901 S. Austin Ave
Alsip, IL 60803



FIRST AID	
IF IN EYES	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
IF INHALED	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
IF SWALLOWED	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.	

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
WARNING / AVISO**

Causes substantial but temporary eye injury. Harmful if absorbed through skin or inhaled. Do not get in eyes, on skin, or on clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Do not breathe dust or spray mist.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Coveralls over shorts and short-sleeved shirt
- Chemical-resistant gloves
- Shoes plus socks
- Protective eyewear (goggles, face shield, safety glasses)
- A NIOSH-approved particulate filtering facepiece respirator with any N, R, or P filter (TC-84A); OR an elastomeric NIOSH-approved particulate respirator with any N, R, or P filter (TC-84A); OR a NIOSH-approved powered air purifying respirator with an HE filter (TC-21C). Higher level respirators that are NIOSH-approved for particulates that contain oil may also be used.
- Chemical-resistant headgear ensuring full coverage of the neck

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls Statement

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS
<p>Users Should:</p> <ul style="list-style-type: none"> • Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. • Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. • Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

Notify the public of the application by posting restriction signs along the perimeter of the treatment area.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks
- Protective eyewear (goggles, face shield, or safety glasses)

This product contains the bactericide oxytetracycline. To reduce the development of drug resistant bacteria and maintain the effectiveness of this and other antibacterial products, this product should be used only to treat or prevent infections that are proven or strongly suspected to be caused by bacteria.

This material is not to be used for medical or veterinary purposes.

APPLICATION PROCEDURES

For best results, apply this product using an airblast sprayer with enough water to provide full coverage. Thorough coverage is essential.

Spray Drift Precaution: to help reduce off-target drift, direct spray into the canopy, and turn off outward pointing nozzles at row ends and when spraying outer rows.

MIXING PROCEDURES

MIXING:

To avoid possible pesticide contamination, use only clean metal or plastic containers in preparing all solutions.

DILUTION TABLE

CONCENTRATION DESIRED	QUANTITY OF MYCOSHIELD PER VOLUME OF WATER		
	50 gal	100 gal	150 gal
ppm*			
200	8 oz (½ lb)	16 oz (1 lb)	24 oz (1 ½ lb)
300	12 oz	24 oz (1 ½ lb)	--

*ppm = parts per million oxytetracycline base in prepared solution.

CROP USE DIRECTIONS

Grapefruit, Lemon, Lime, Orange, Tangelo, Tangerine, Citrus Citron, Kumquat, and Hybrids of these plus Pummelo

Disease	Concentration / Use Rate Per Acre	Application Instructions
Huanglongbing (HLB) (<i>Candidatus Liberibacter asiaticus</i>) (suppression of foliar infections)	1.0 – 1.5 lb Mycoshield	<p>Foliar Application / Ground Application Only: The spray concentration allowed is 200 to 300 ppm, equivalent to 1.0 - 1.5 lb/100 gal water per acre (refer to the dilution table above). Vary the total volume of solution per acre from 50 to 150 gallons depending on tree size and density of the foliage. Larger, denser trees will require a higher volume of spray to obtain coverage to the point of runoff. A total spray volume of less than 50 GPA may be used on young trees if the application provides full coverage with a minimum spray concentration of 300 ppm. The addition of a full labeled rate of a foliage penetrating surfactant approved for citrus is recommended. Foliar applications of Mycoshield alone are not phytotoxic. However, some combinations of Mycoshield plus other pesticides, surfactants and/or fertilizers may cause severe crop injury. The crop safety of any Mycoshield mixture must be verified on a few trees before making a commercial application.</p> <p>For maximum benefit, apply at the initiation of a new leaf flush. Repeated applications are more likely to be absorbed when applied to tender foliage that have not fully expanded and obtained a dark green color. Tighter spray intervals allow for more applications to a given flush. Mycoshield is only effective at delaying or preventing infections of new growth when used in conjunction with an Asian citrus psyllid management program recommended by the state Cooperative Extension Service or Department of Agriculture. This program is not expected to cure the systemic infection in the branches, trunk or roots of a diseased tree.</p> <p>When feasible, Mycoshield should be alternated with an effective comparable bactericide with a different mode of action to reduce risks of selecting for oxytetracycline-resistant pest organisms. Do not make more than two consecutive applications before alternating with another fungicide/bactericide of a different mode of action</p>

Note: Trees in poor health or late stages of disease infection may not show a response to Mycoshield applications.

Restrictions:

- Do not apply more than 1.5 lb of product per acre per application.
- Do not apply a concentrated spray at any rate below that specified in these use directions or a full coverage dilute spray at a concentration of less than 200 ppm.
- Do not apply at a retreatment interval of less than 21 days.
- Do not make more than 5 applications to bearing trees per year.
- Do not apply more than 7.5 lb of product (1.275 lb oxytetracycline) per acre per year.
- Do not harvest within 21 days of the last application.
- Do not apply in groves in which current practices include fertilization with raw animal manure. This restriction addresses concerns that oxytetracycline resistance could be transferred to *E. coli* or other pathogenic bacteria in the manure.
- Do not apply within the Florida Keys.
- Do not apply through any type of irrigation system.
- Do not apply by aircraft.
- If multiple products containing oxytetracycline compounds are applied, their maximum combined application may not exceed 2 lb a.i. oxytetracycline per acre per year.
- Do not allow livestock to graze in treated areas.

NOTICE

Read the "WARRANTY DISCLAIMER" and "LIMITATION OF LIABILITY" on the container label for this product before using this product. Those terms apply to this labeling and if those terms are not acceptable, return the product unopened at once.

Mycoshield is a trademark of Nufarm Americas Inc.