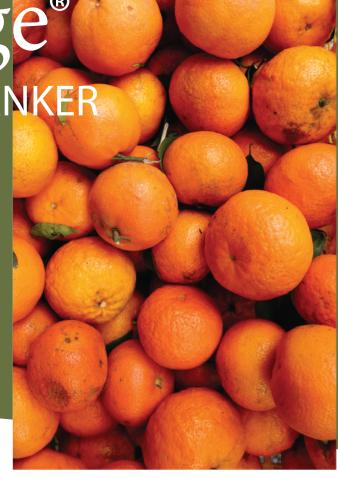
# INCREASE YOUR CROP YIELD AND ELIMINATE HARMFUL BACTERIA

An agricultural bactericide featuring bacteriophage technology.

AgriPhage® CITRUS CANKER



## **PRODUCT HIGHLIGHTS**

AgriPhage is a bacteriophage (virus) that attacks Citrus Canker bacteria on oranges and grapefruit.

Fights bacterial resistance when integrated into existing IPM programs.

Can be tank-mixed and rotated with other insectide and fungicide products.

AgriPhage is extremely selective to the target bacterium and will not harm beneficial organisms.

Does not cause soil build-up or damage to equipment.

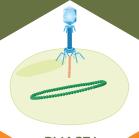


Always carefully read and follow label instructions.



### HOW IT WORKS

Bacteriophages destroy bacteria through a process called "lysis". The infection process begins the moment a phage comes in contact with a bacterium. Bacteriophages infect host bacteria on contact and convert them into tiny virus factories. Within 30 minutes of infection the host cell disintegrates, releasing the phage progeny to infect other host bacteria.



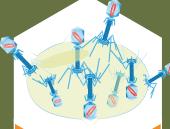
#### **PHASE I**

Infection occurs when a phage encounters a bacterium, attaches its tail fibers, and injects its own DNA into the bacterium. This action begins as soon as you apply AgriPhage.



#### **PHASE II**

New phage begin replicating immediately and assembling within the bacterial cell, multiplying at a steady rate.



#### **PHASE III**

Destruction of the host as the cell disintegrates in a process called lysis.

**TIMING** 



### HOW IT PERFORMS

**TANK MIXING** 

As a result of viral replication, AgriPhage actually increases in concentration due to the fact that the virus remains constant and replicates under favorable environmental conditions to continue its attack on the Citrus Canker bacteria.

**STORAGE** 

AgriPhage can be used in organic groves under the USDA National Organic Program and the WSDA Organic Program, but can also be used to enhance performance of conventional tactics in groves where bacteria has been problematic.

Compatible with most fungicides, insecticides, fertilizers. Do not mix with copper or iron products. (See label compatibility table at www.AgriPhage.com)		AgriPhage should be stored in areas where the product temperature does not exceed 85 degrees Fahrenheit.		Preventive to protect growing fruit and leaf tissues or when conditions are conducive for disease infection, and as a curative when the first disease symptoms are visible.  Apply as needed.	
RATE	RECOMMENDED USES		PHI/REI/PH		USE WITH OTHER TREATMENTS
1 to 2 quarts of AgriPhage/ acre/ application	AgriPhage can be used in existing programs where conventional controls have not been effective.		Zero Day PHI 4 Hour REI pH range is 6.0 – 8.5  Above is a tank mix range for pH that must be maintained.		Please allow 24 hours application between AgriPhage and copper-based products.



## OMNILYTICS<sup>™</sup>

1.801.746.3600 www.AgriPhage.com