

# BERRYCARE

*Fungicide & Bactericide*

*Management tool against anthracnose*



Friendly to beneficials and pollinators

0 Day PHI

4 Hours REI



## TECHNICAL SPECIFICATIONS

- Active ingredient: Citric acid
- Packaging: One (1) case = 2 x 2.5 gal
- Formulation Type: Liquid concentrate
- Chemical Group: N/A Biopesticide
- PHI: 0 days
- REI: When spray is dry or 4 hours

## MODE OF ACTION

Citric acid breaks down the integrity of the cell wall of plant pathogens. Antifungal effects have been observed during conidial germination, germ tube formation, appressorium formation and elongation, hyphal branching, and haustoria formation. In addition, there is a direct bactericidal activity and also a reduction in bacterial growth as well as the appearance of the various symptoms of the disease.

Manufactured by:

925 des Calfats • Lévis (QC) G6Y 9E8

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## USE PATTERN

CROP	DISEASE	APPLICATION RATE	SPRAY VOLUME	APPLICATION INTERVAL
Strawberries	Anthrachnose ( <i>Colletotrichum acutatum</i> )	1.4% + spreader surfactant	Use a combination of spray volume and pressure allowing full coverage on both sides of the leaves. (usually 500-700 L / ha)	5-10 days

## RECOMMENDATION FOR OPTIMAL RESULTS

- Use under low to moderate pressure.
- Combine with Captan to increase residual protection.
- Apply before rain when disease is active.

## RESULTS

Trial was performed in Florida, 2019-2020 winter.

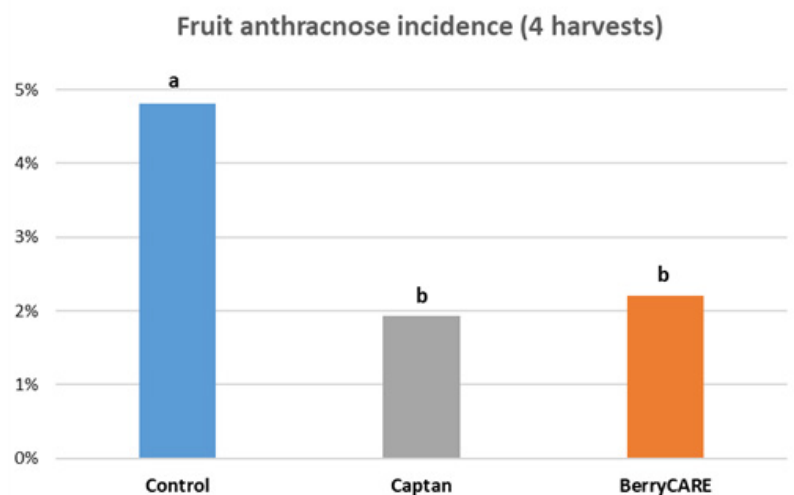
Application rate was 1.4% with a spreader surfactant at 0.1% for BerryCARE and 2.5 lbs/acre for Captan Gold 80 WDG.

Disease inoculation was done in the implantation plots.

Multiple moderate infections occurred during the comparative treatments period according to the Strawberry Advisory System.

Application interval: weekly.

Graph shows number of infected fruits for 4 consecutive harvests (02/03/20, 02/06/20, 02/10/20, 02/13/20) when BerryCARE was applied before the rain.



Statistical analysis: Contrast of the Least Square Means of BerryCare and Captan is significantly different than untreated control ( $p=0.0290$ )

Captan Gold is a registered trademark of an ADAMA Group Company.

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