

BERRYCARE

Fungicide & Bactericide

Management tool against powdery mildew in strawberries



Minimum risk pesticide



Friendly to beneficials and pollinators

0 Day PHI

4 Hours REI



OBSERVED BENEFITS

- Activity against Angular Leaf Spot and Powdery Mildew
- Increase fruit size and firmness after cold storage

TECHNICAL SPECIFICATIONS

- Active ingredients: 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

BerryCARE is a contact product that forms a protective barrier on the surface of the plant that inhibit pathogen development. It also has antifungal effects on conidia germination, germ tube formation and elongation, appressorium formation, hyphae branching and haustorium formation. In addition, it has a direct bactericide activity and also reduces bacterial growth and the appearance of various disease symptoms.

Manufactured by:

440, 3e avenue, suite 100 • Lévis (QC) G6W 5M6

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USE PATTERN

CROP	DISEASE	APPLICATION RATE	SPRAY VOLUME	APPLICATION INTERVAL
Strawberries	Powdery mildew (<i>Sphaerotheca macularis</i> f. sp. <i>fragariae</i>)	10 pints/acre or 1.4% v/v (with an excellent spreader surfactant)	Use a combination of spray volume and pressure to obtain excellent coverage on the plant.	5-10 days

RESULTS

Description of trial

Trial conducted by Plant Sciences in Watsonville, California on strawberry (variety PS-10.1160) from Mid July to Mid September 2022.

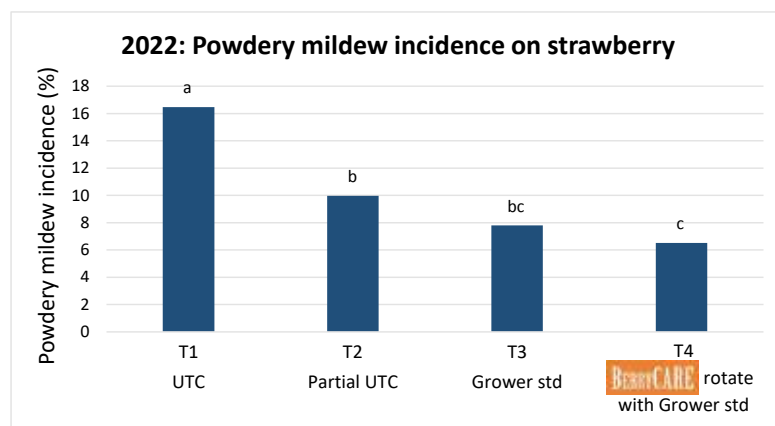
Experimental design: randomized complete block design with five repetitions.

Treatments were applied at a rate of 100 gal/acre (175 psi).

Silicone spreader surfactants used in all sprays

(BerryCARE and single site fungicides):

Widespread Max 7ml/100 gallons



Least squares-means associated with the same letter are not significantly different according to the Tukey-Kramer test ($p < 0.05$).

Description of treatments

- T1 – Full untreated (no fungicides applied during the trial)
- T2 – Partial untreated (untreated when BerryCARE is applied in Treatment 4)
- T3 – Grower Standard (Rotation between Rally [myclobutanil Group 3] + Quintec [quinoxifen Group 13], Tilt [propiconazole Group 3] and Torino [cyflufenamid Group U6] at a standard rate of application for strawberry).
- T4 – BerryCARE (Rotation between single site fungicides used in T3 and BerryCARE [10 pints/acre]. BerryCARE either replaced an application of Rally + Quintec or Tilt.)

Treatment	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
1	UTC	UTC	UTC	UTC	UTC	UTC	UTC	UTC
2	Grower std	UTC	Grower std	UTC	Grower std	UTC	Grower std	UTC
3	Grower std	Grower std	Grower std	Grower std	Grower std	Grower std	Grower std	Grower std
4	Grower std	BerryCARE	Grower std	BerryCARE	Grower std	BerryCARE	Grower std	BerryCARE

BerryCARE has not been registered by the United States Environmental Protection Agency. AEF Global Inc. represents that this product qualifies for exemption from registration under the Federal Insecticide, Fungicide and Rodenticide Act. Please refer to product label for complete application details.

Always read and follow label directions. Log on to www.aefglobal.com for full label information.

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