

ABIOTIC STRESS DEFENSE

diKaP™ Reduces Plant Freeze Susceptibility

APPLE

RESEARCH OBJECTIVE

The purpose of the trial was to measure the relative impact of diKaP™ on apple blossoms at various freezing temperatures.

KEY OUTCOMES

diKaP™ improves the ability of apple trees to withstand freeze events.



BACKGROUND

Freezing temperatures during bloom can destroy crops. The evaluation of diKaP™ to minimize freeze damage was made in the field as well as in a freeze chamber.

THE TRIAL



WHO:

G.S. Long R&D, assisted by Redox



WHAT:

diKaP™ was foliarly applied to fruit trees.

Product	Rate
diKaP™	4 lbs./acre



EVALUATION PARAMETERS:

- Percent kill
- Bloom viability utilizing freeze chamber for optimum accuracy



WHERE: Yakima, WA

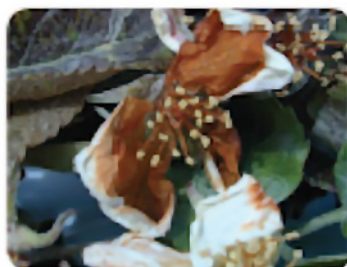


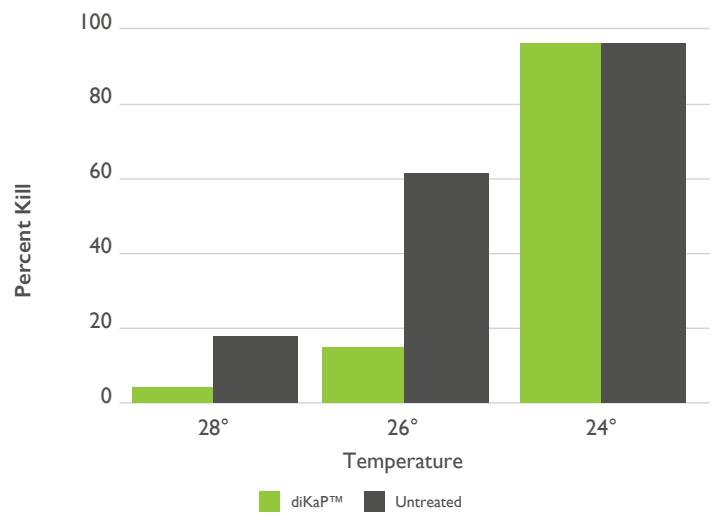
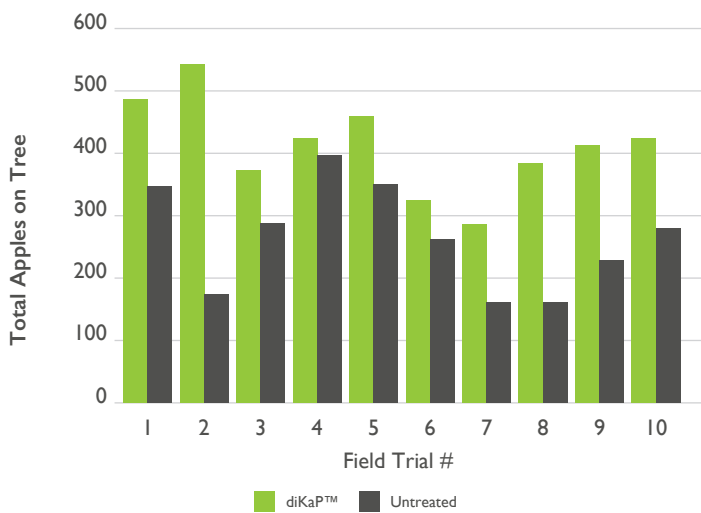
WHEN: Application was performed at bloom

Treated With diKaP™



Grower Standard





Notes:

[illegible]