



PROTECTION WITH PRECISION™

Birko Elite 360® Case Study Antimicrobial Efficacy Test in Pineland Farms Plant

About the Study

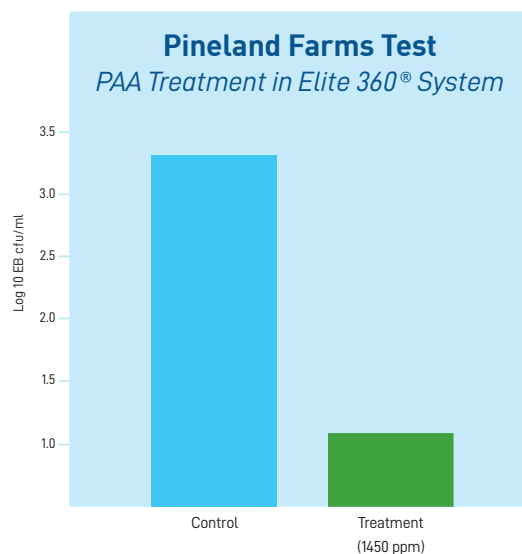
Pineland Farms collaborated with Eurofins to validate the efficacy of Peracetic Acid (PAA) applied using Birko's Elite 360® electrostatic system as an antimicrobial intervention on whole muscle cuts.

To conduct the study, subprimal pieces were treated with Birkoside 22 Peracetic Acid at a concentration of 1450 ppm using the Elite 360 system. The meat was exposed to the solution for approximately 20 seconds. Pineland Farms swabbed 20 subprimal pieces prior to treatment and a further 20 subprimal pieces were swabbed post-treatment.

Findings

Eurofins Laboratory determined that the PAA applied by the Elite 360 system was highly effective at reducing the microbial load on the subprimal pieces at the Pineland Farms facility.

The 3.63 log pretreatment was reduced by up to 2.48 log post-treatment.



Birko continues to innovate food safety solutions, specializing in resource savings through precision application of antimicrobials and water.

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