SaniDate® 12.0

Irrigation Water Treatment

SaniDate 12.0 is an EPA-registered bactericide/fungicide for treatment of irrigation water and irrigation water systems. Its concentrated peroxyacetic acid (PAA) formula delivers immediate results with many advantages not seen with chlorine-based products.

ACTIVE INGREDIENTS:

Hydrogen peroxide	18.50%
Peroxyacetic acid	**12.00%**
OTHER INGREDIENTS	79.50%
TOTAL	100.00%

KEY FEATURES and BENEFITS

- Controls foodborne human health pathogens**
- EPA-registered and FSMA compliant
- Cost effective with high dilution rates
- Controls bacteria, fungi, algae, and plant pathogenic organisms in irrigation water and pipelines
- Non-corrosive to aluminum pipes/booster pumps

PAA VS. CHLORINE

- No potential phytotoxicity unlike chlorine products
- No addition of sodium or chlorides to soil
- Works across broad pH range (4–9)
- Low turbidity influence
- Treated water does not interact with fertilizers or pesticides
- Maintains proper residual throughout irrigation systems

APPLICATION RATES*

Application	PAA Concentration	Rate
Low Rate	4–5 ppm	33,000–26,500
Medium Rate	6–7 ppm	20,000–19,000
High Rate	8–10 ppm	16,500–13,000
Foodborne Bacterial Pathogens**	6–10 ppm	22,069–13,196

CONTROL FOODBORNE BACTERIAL PATHOGENS IN PREHARVEST AGRICULTURE WATER**

SaniDate 12.0 controls Shiga toxin-producing *Escherichia coli*, including O157:H7 and *Salmonella enterica*. Maintain 6 ppm residual PAA throughout the irrigation cycle. (SLN NO. AZ-231005)

EPA-registration pending. Use valid via 24(c) SLN in the state of Arizona.

LEAFY GREENS

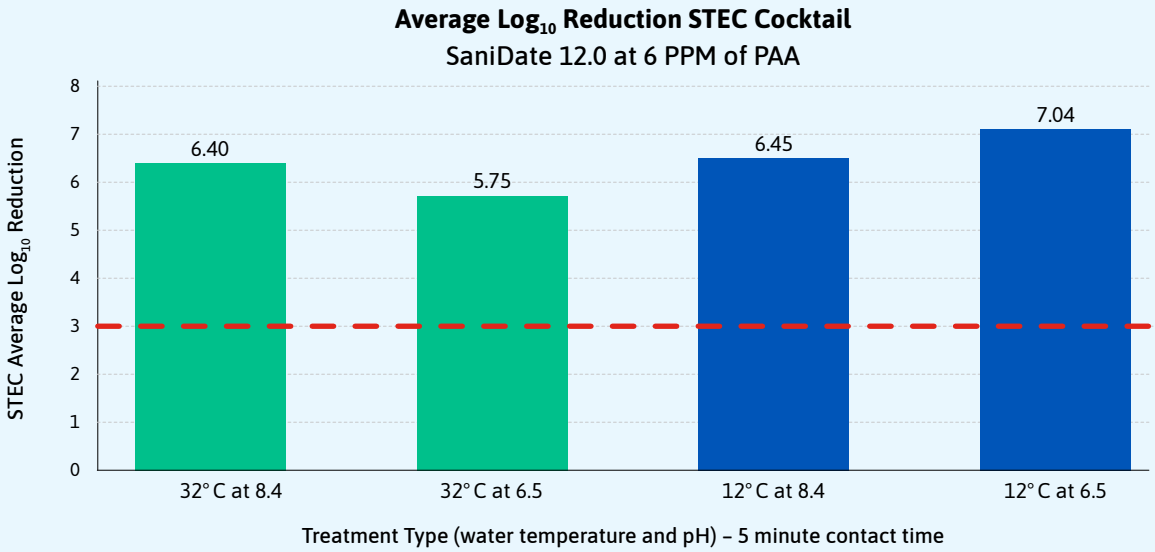
Evaluate your irrigation water treatment systems 30-days prior to the mandatory 21-day treatment window as required by the LGMA when using a Type B water source.

Learn more about SaniDate 12.0 24(c) SLN

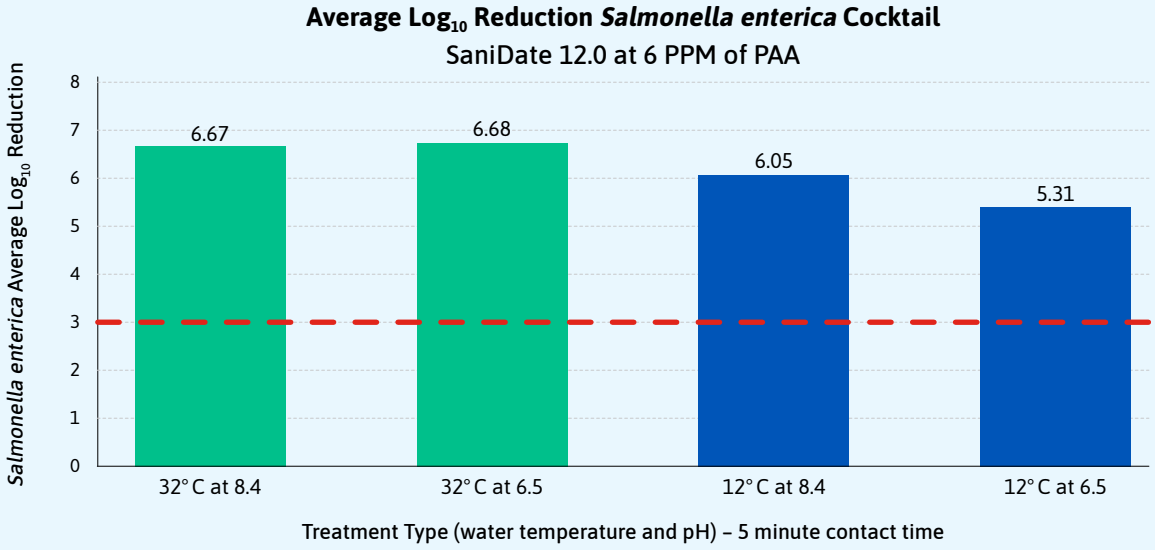
MADE IN THE USA

BioSafe Systems

1-888-273-3088 | BioSafeSystems.com



Channah M. Rock, Ph.D.
Unpublished data, 2023



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- SaniDate 12.0 achieved the required minimum 3 log reduction (or 99.9% reduction) for STEC and *Salmonella enterica* Cocktail required by the US EPA efficacy protocol for reduction of foodborne bacteria in preharvest irrigation water
- SaniDate 12.0 is an effective sanitizer of preharvest agricultural irrigation water when a minimum of 6 ppm residual peroxyacetic acid (PAA) is maintained throughout the irrigation cycle
- The required dosages may vary depending on water quality, application conditions, and the degree of contamination present during an irrigation event

Contact Jay Sughroue, Ph.D. for more information
951-719-9244 | JSughroue@BioSafeSystems.com

Always read and follow label directions.
*Contact your local representative for exact application rates.
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