

## Disease & Algae Control in Water

### Key Benefits

- + Provides broad spectrum control of water-borne plant pathogens commonly found in irrigation water such as Pythium, Phytophthora and Algae.
- + Disinfects water to eliminate cross contamination.
- + Very stable chemistry, not impacted by extreme pH, temperatures, and organic deposits.

Pace provides a complete irrigation system cleaning program: Start with an end-of season irrigation line cleaning and shock treatment, then maintain clean water with continuous or intermittent injections of KleenGrow.

Control of water-borne pests can be achieved using very low initial injection rates that are only a couple of ppms above the desired inline rate.

Lower initial injection rates means an economical way to have clean water without worry of crop damage.

KleenGrow is evenly distributed through the irrigation system resulting in superior algae and disease control from the beginning to the end of your line.



### Clean Water, Healthy Plants

Irrigation systems are a primary source for introducing algae and diseases such as Pythium and Phytophthora into your growing areas. This includes irrigation water from ponds or wells and above/below ground water holding tanks. Pace offers a safe and economical solution to disinfect contaminated irrigation water by simply injecting KleenGrow into your irrigation system.

**The new 0-hour REI for continuous injection provides even more reason to take this step for water disinfection. Irrigating with clean water is the start to growing healthier crops.**



## Areas of Use

- + Irrigation Systems
- + Water Storage Tanks

## Applications

### Where to Apply

- + Greenhouse irrigation systems
- + Above or below ground water storage tanks
- + Cool cell recirculated water

### How to Apply

- + Inject into irrigation line using a metering or volumetric pump.
- + Pour or inject into water storage tanks or underground recirculating cisterns.
- + If using a stock tank do not mix Kleengrow in the fertilizer stock tank. Use a dedicated Kleengrow Stock tank.

Continuous injections of KleenGrow prevents algae growth on plug trays.



Untreated Control



2ppm KleenGrow

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## IRRIGATION SYSTEMS AND RECIRCULATING COOL PAD WATER DISINFECTING

Application	Dosing Unit Setting	Final Dilution		% Stock Tank Solution for 1:100 Setting	Comments
		Fl oz/gal	ppm		
<b>IRRIGATION LINE</b>					
End of Season Shock Treatment	1:100	1.0	600	0	Use Concentrated Product
Bi-Weekly Injection	1:100	0.06-0.25	40-175	5-20	In-line inector-1:2143 to 1:517
Weekly Injection	1:100	0.03-0.13	15-75	2.5-10	In-line inector- 1:5000 to 1:937
Continuous Injection	1:100	0.003-0.012	2-7	0.25-1.1	In-line inector-1:37,500 to 1:10,714
<b>WATER STORAGE TANKS</b>					
Initial Dose	1:100	0.03	15	5	2 gal KleenGrow/10,000 gal Water
Monthly Maintenance	1:100	0.02	10	3	1.25 gal KleenGrow/10,000 gal Water
<b>COOL CELL WATER</b>					
Initial Dose	1:100	1.0	600	0	Use Concentrated Product
Monthly Maintenance	1:100	0.02	10	3	1 gal KleenGrow/100 gal Water

\*KleenGrow is not approved for algae control in California  
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