

Disease & Algae Control in Water

Key Benefits

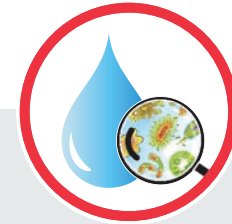
- Provides broad spectrum control of water-borne plant pathogens commonly found in irrigation water such as Pythium, Phytophthora and Algae.
- Disinfects water to eliminate cross contamination.
- Very stable chemistry, not impacted by extreme pH, temperatures, and organic deposits.

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 PACE 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 and economical way to have clean water without worry of crop damage.

PACE 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 solutions to disinfect contaminated irrigation water by simply injecting PACE 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

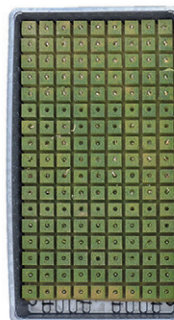
Where to Apply

- 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 PACE KLEENGROW in the fertilizer stock tank. Use a dedicated PACE KLEENGROW stock tank.

Continuous injections of PACE KLEENGROW prevents algae growth on plug trays.



Untreated Control



2ppm PACE KLEENGROW

Dr. Michael R. Evans, Department of Horticulture School of Plant and Environmental Sciences, Virginia Tech.

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 | | |
| IRRIGATION LINE | | | | | |
| 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 injector-1:2143 to 1:517 |
| Weekly Injection | 1:100 | 0.03-0.13 | 15-75 | 2.5-10 | In-line injector- 1:5000 to 1:937 |
| Continuous Injection | 1:100 | 0.003-0.012 | 2-7 | 0.25-1.1 | In-line injector-1:37,500 to 1:10,714 |
| WATER STORAGE TANKS | | | | | |
| Initial Dose | 1:100 | 0.03 | 15 | 5 | 2 gal PACE KLEENGROW/10,000 gal Water |
| Monthly Maintenance | 1:100 | 0.02 | 10 | 3 | 1.25 gal PACE KLEENGROW/10,000 gal Water |
| COOL CELL WATER | | | | | |
| Initial Dose | 1:100 | 1.0 | 600 | 0 | Use Concentrated Product |
| Monthly Maintenance | 1:100 | 0.02 | 10 | 3 | 1 gal PACE KLEENGROW/100 gal Water |

*PACE KLEENGROW is not approved for algae control in California
 Pace Plant Health Advocates and PACE KLEENGROW are trademarks of Pace 49, Inc.

DISEASE & ALGAE CONTROL