

FROM THE CREATORS OF
HYGROZYME®



HYCLEAN™, part of the HYGROZYME® product family, is a proprietary chelating formula that removes and prevents buildup of excess salts, nutrients, and minerals in irrigation lines and grow media.

Irrigation systems are an important part of the growing process and are increasingly popular as many growers implement automation in their facilities, but are also notoriously very hard to keep clean and maintain.

HYCLEAN™ can be used as preventative maintenance for irrigation lines during the grow cycle, as well as a deep clean between cycles, and as an equipment soak for shears, trays, etc.

Through third party laboratory testing, **HYCLEAN™** has been proven to provide the following benefits:

1. Remove up to 90% of salt and mineral buildup.
2. Reduce the electrical conductivity in the root zone by up to 56% in a variety of crops.
3. 100% safe to use with beneficial and microbial products.

All products in the HYGROZYME® family are produced in our ISO 9001 certified facility, guaranteeing high quality products and absolute consistency every time, in every product.

Application Notes:

- ✓ Preventative Maintenance Usage During the Grow Cycle: 1mL/US Gallon (0.26mL/L).
- ✓ Deep Clean: For a deep clean of your grow system between crops, mix 2mL of **HYCLEAN™** per L (0.26 fl oz. per gallon) of water.
- ✓ **HYCLEAN™** reduces the EC in the water and root zone, if your injection system is set to a target EC, monitor the levels, and adjust as needed.
- ✓ Equipment Soak: Place equipment and parts in a tub filled with **HYCLEAN™** at dilution rate of 2mL per L (0.26 fl oz. per gallon) of water, let it sit for a minimum of 30 minutes and rinse thoroughly. For best results, soak over 24 hours and agitate.
- ✓ Environment-friendly cleaner for all growing systems.

Units needed for Grow Cycle

Name	Size	Total Gallons of water per week	15 Gallons (57L)	25 Gallons (100L)	50 Gallons (189 L)	100 Gallons (380L)	300 Gallons (1,135L)	700 Gallons (2,650L)
Hyclean	500 mL	Units needed for whole cycle	1	2	3			
Hyclean	4L					1	2	
Hyclean	20L							1
Hyclean	208L							
Hygroben	500 mL							
Hygroben	1L		2	3	1			
Hygroben	4L				1			
Hygroben	10L					1	1	1
Hygroben	20L						1	3
Hygroben	208L							
Hygrozyme	500 mL							
Hygrozyme	1L		2	3	2	2		
Hygrozyme	4L				1			
Hygrozyme	10L					1		
Hygrozyme	20L						2	4
Hygrozyme	208L							
Hyshield	1L		2	3	1			
Hyshield	4L				1			
Hyshield	10L					1	1	1
Hyshield	20L						1	3

Product Needed for a Full Grow Cycle*

*Units needed for a full run (based on total weekly water consumption, 4 week clone/veg and 8 weeks flower.)

** Hyshield Calculations made based on 2 mL/L.

***Hygrozyme Calculations made based on 2.5 mL/L.

****Hyclean Calculations include enough product for your grow cycle, plus a deep clean and equipment soak.

To confirm rates for individual feedings or to calculate leftover product for cleaning, see feed calculator on Hygrozyme Website.

Feed Schedule

Preventative Maintenance	Week	mL of product per Gallon of Water	oz. of product per Gallon of Water
Seedling/Cutting Stage	1	1mL/Gal	0.03 oz./Gal
	2	1mL/Gal	0.03 oz./Gal
Vegetative Stage	3	1mL/Gal	0.03 oz./Gal
	4	1mL/Gal	0.03 oz./Gal

Preventative Maintenance	Week	mL of product per Gallon of Water	oz. of product per Gallon of Water
Flowering Stage	5	1mL/Gal	0.03 oz./Gal
	6	1mL/Gal	0.03 oz./Gal
	7	1mL/Gal	0.03 oz./Gal
	8	1mL/Gal	0.03 oz./Gal
	9	1mL/Gal	0.03 oz./Gal
	10	1mL/Gal	0.03 oz./Gal
	11	1mL/Gal	0.03 oz./Gal
	12	1mL/Gal	0.03 oz./Gal
Flushing Period	13	Flush	

For a deep clean of your grow system between crops, mix 2mL of **HYCLEAN™** per Liter (0.26 fl oz. per gallon) of water.

Use this feed chart as a guide only. All Results dependent on external factors.