

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. 100% safe to use with beneficial and microbial products.
3. Reduce the electrical conductivity in the root zone by up to 56% if used as flushing agent.

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: 0.26 mL/L (1 mL/Gal). Add to reservoir throughout full grow cyclen.
- ✓ Deep clean: 2-5 mL/L (8-18 mL/Gal). Soak for 24 hours for best results. For heavy buildup, use up to 10 mL/L.
- ✓ Flushing agent: 0.26 mL/L (1 mL/Gal). The dosage can be increased to between 2-5 mL/Gal to lower the EC faster.
- ✓ Equipment Soak: Place equipment and parts in a tub filled with **HYCLEAN™** at dilution rate of 2mL/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.

# Feed Schedule

## Veg Stage

Week	Seedling & Cutting	1	2	3	4
Hygrozyme®	1.5 mL/L (5.6 mL/Gal)	2 mL/L (7.6 mL/Gal)	2 mL/L (7.6 mL/Gal)	2 mL/L (7.6 mL/Gal)	2 mL/L (7.6 mL/Gal)
Hygrozyme® Concentrate	0.3 mL/L (1.1 mL/Gal)	0.4 mL/L (1.5 mL/Gal)	0.4 mL/L (1.5 mL/Gal)	0.4 mL/L (1.5 mL/Gal)	0.4 mL/L (1.5 mL/Gal)
Hyshield™ (Foliar Spray)	1 mL/L (3.8 mL/Gal)	1 mL/L (3.8 mL/Gal)	5 mL/L (18.9 mL/Gal)	5 mL/L (18.9 mL/Gal)	5 mL/L (18.9 mL/Gal)
Hyclean™	0.3 mL/L (1 mL/Gal)	0.3 mL/L (1 mL/Gal)	0.3 mL/L (1 mL/Gal)	0.3 mL/L (1 mL/Gal)	0.3 mL/L (1 mL/Gal)
Hygroben™	1 mL/L (3.8 mL/Gal)	1 mL/L (3.8 mL/Gal)	1 mL/L (3.8 mL/Gal)	1 mL/L (3.8 mL/Gal)	1 mL/L (3.8 mL/Gal)

*\*If Seedling/Cutting stage is longer than one week, repeat doses in Seedling/Cutting column.*

*If Veg stage is longer than four weeks, repeat week 4 as long as needed.*

## Bloom Stage

Week	1	2	3	4	5	6	7	8	9	
Hygrozyme®	2 mL/L (7.6 mL/Gal)	2 mL/L (7.6 mL/Gal)	2 mL/L (7.6 mL/Gal)	2 mL/L (7.6 mL/Gal)	2 mL/L (7.6 mL/Gal)	2 mL/L (7.6 mL/Gal)	2 mL/L (7.6 mL/Gal)	2 mL/L (7.6 mL/Gal)	2 mL/L (7.6 mL/Gal)	Flushing Period
Hygrozyme® Concentrate	0.4 mL/L (1.5 mL/Gal)	0.4 mL/L (1.5 mL/Gal)	0.4 mL/L (1.5 mL/Gal)	0.4 mL/L (1.5 mL/Gal)	0.4 mL/L (1.5 mL/Gal)	0.4 mL/L (1.5 mL/Gal)	0.4 mL/L (1.5 mL/Gal)	0.4 mL/L (1.5 mL/Gal)	0.4 mL/L (1.5 mL/Gal)	Flushing Period
Hyshield™ (Root Drench)	5 mL/L (18.9 mL/Gal)	5 mL/L (18.9 mL/Gal)	5 mL/L (18.9 mL/Gal)	5 mL/L (18.9 mL/Gal)	5 mL/L (18.9 mL/Gal)	5 mL/L (18.9 mL/Gal)	5 mL/L (18.9 mL/Gal)	5 mL/L (18.9 mL/Gal)	5 mL/L (18.9 mL/Gal)	Flushing Period
Hyclean™	0.3 mL/L (1 mL/Gal)	0.3 mL/L (1 mL/Gal)	0.3 mL/L (1 mL/Gal)	0.3 mL/L (1 mL/Gal)	0.3 mL/L (1 mL/Gal)	0.3 mL/L (1 mL/Gal)	0.3 mL/L (1 mL/Gal)	0.3 mL/L (1 mL/Gal)	0.3 mL/L (1 mL/Gal)	0.5-1.3 mL/L (2-5mL/Gal) Flush
Hygroben™	1 mL/L (3.8 mL/Gal)	1 mL/L (3.8 mL/Gal)	1 mL/L (3.8 mL/Gal)	1 mL/L (3.8 mL/Gal)	1 mL/L (3.8 mL/Gal)	1 mL/L (3.8 mL/Gal)	1 mL/L (3.8 mL/Gal)	1 mL/L (3.8 mL/Gal)	No Application	Flushing Period

*Feed chart rates for all products refers to the lower end of the dosage range.*

*To confirm rates for individual feedings or to determine how much product is needed for your reservoir, see feed calculator on [Hygrozyme.com](http://Hygrozyme.com).*

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

### Expert Tips:



Best irrigation line cleaner for commercial growers.



**HYCLEAN™** is a great addition for Autopot systems, or any recipe with salt-based fertilizers.



If you have any concerns of compatibility between **HYCLEAN™** and other products, conduct a Jar Test with the products before mixing a full batch.