

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.

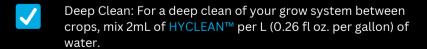
Through third party laboratory testing, HYCLEAN™ has been proven to provide the following benefits:

- 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:





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 | | 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 | Units needed for whole cycle | | | | 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*

Feed Schedule

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

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

| Preventative Maintenance | Week | mL of product per Gallon of Water | oz. of product per Gallon of Water | |
|-----------------------------|------|---|--|--|
| | 5 | 1mL/Gal | 0.03 oz./Gal | |
| | 6 | 1mL/Gal | 0.03 oz./Gal | |
| | 7 | 1mL/Gal | 0.03 oz./Gal | |
| Flowering | 8 | 1mL/Gal | 0.03 oz./Gal | |
| Stage | 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 | | |

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



^{*}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.