

# HYGROZYME®



**HYGROZYME® Concentrate** is a twist on our original trusted formula, just 5x stronger, making it a perfect choice for large scale growers. It contains a powerful blend of beneficial enzymes specifically formulated to accelerate the breakdown of dead root matter and prevent root rot - a process that unlocks essential nutrients for your plants. The proprietary formula also feeds beneficial microbes, supercharging the root zone.

Root rot starts in dead roots and spreads to healthy roots, stealing nutrients and eventually killing the plant. **PREVENTION IS KEY**, as there is no cure for root rot.

How does **HYGROZYME® Concentrate** work?

Enzymes work like a “lock & key”, they are highly specific to the substrate they are intended to break down. The main component of dead root matter is CELLULOSE (Lock), which requires the enzyme CELLULASE (Key) to catalyze the breakdown. Cellulase is the key active ingredient in **HYGROZYME® Concentrate**.

Through third party laboratory testing, **HYGROZYME® Concentrate** has been proven to provide the following benefits:

1. Increase dry flower yield up to 20%.
2. Increase total cannabinoids up to 15%.
3. Increase flower diameter up to 6%.
4. Prevents root rot.

All products in the **HYGROZYME®** family guarantee high-quality products and absolute consistency every time, in every product.

### Application Notes:



Usage: 0.3 mL/L (1.1 mL/Gal) for the seedling/cutting stage and 0.4-0.5 mL/L (1.5-1.89 mL/Gal) for the veg and bloom stages.  
Recommended to be used with every watering or as determined by your feed schedule.



Effective in all growing media and growth stages.



Compatible with all nutrient and supplement programs.



Works as a compost tea booster.



Active Ingredients:

- 5,000 U/mL Cellulase
- 500 U/mL Xylanase
- 375 U/mL Hemicellulase
- 200 U/mL Beta-Glucanase

# Feed Schedule

## Veg Stage

| Week                        | Seedling & Cutting       | 1                        | 2                        | 3                        | 4                        |
|-----------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Hygrozyme®                  | 1.5 mL/L<br>(5.6 mL/Gal) | 2 mL/L<br>(7.6 mL/Gal)   | 2 mL/L<br>(7.6 mL/Gal)   | 2 mL/L<br>(7.6 mL/Gal)   | 2 mL/L<br>(7.6 mL/Gal)   |
| Hygrozyme®<br>Concentrate   | 0.3 mL/L<br>(1.1 mL/Gal) | 0.4 mL/L<br>(1.5 mL/Gal) | 0.4 mL/L<br>(1.5 mL/Gal) | 0.4 mL/L<br>(1.5 mL/Gal) | 0.4 mL/L<br>(1.5 mL/Gal) |
| Hyshield™<br>(Foliar Spray) | 1 mL/L<br>(3.8 mL/Gal)   | 1 mL/L<br>(3.8 mL/Gal)   | 5 mL/L<br>(18.9 mL/Gal)  | 5 mL/L<br>(18.9 mL/Gal)  | 5 mL/L<br>(18.9 mL/Gal)  |
| Hyclean™                    | 0.3 mL/L<br>(1 mL/Gal)   | 0.3 mL/L<br>(1 mL/Gal)   | 0.3 mL/L<br>(1 mL/Gal)   | 0.3 mL/L<br>(1 mL/Gal)   | 0.3 mL/L<br>(1 mL/Gal)   |
| Hygroben™                   | 1 mL/L<br>(3.8 mL/Gal)   | 1 mL/L<br>(3.8 mL/Gal)   | 1 mL/L<br>(3.8 mL/Gal)   | 1 mL/L<br>(3.8 mL/Gal)   | 1 mL/L<br>(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<br>(7.6 mL/Gal)   | 2 mL/L<br>(7.6 mL/Gal)   | 2 mL/L<br>(7.6 mL/Gal)   | 2 mL/L<br>(7.6 mL/Gal)   | 2 mL/L<br>(7.6 mL/Gal)   | 2 mL/L<br>(7.6 mL/Gal)   | 2 mL/L<br>(7.6 mL/Gal)   | 2 mL/L<br>(7.6 mL/Gal)   | Flushing<br>Period                   |
| Hygrozyme®<br>Concentrate     | 0.4 mL/L<br>(1.5 mL/Gal) | 0.4 mL/L<br>(1.5 mL/Gal) | 0.4 mL/L<br>(1.5 mL/Gal) | 0.4 mL/L<br>(1.5 mL/Gal) | 0.4 mL/L<br>(1.5 mL/Gal) | 0.4 mL/L<br>(1.5 mL/Gal) | 0.4 mL/L<br>(1.5 mL/Gal) | 0.4 mL/L<br>(1.5 mL/Gal) | Flushing<br>Period                   |
| Hyshield™<br>(Root<br>Drench) | 5 mL/L<br>(18.9 mL/Gal)  | 5 mL/L<br>(18.9 mL/Gal)  | 5 mL/L<br>(18.9 mL/Gal)  | 5 mL/L<br>(18.9 mL/Gal)  | 5 mL/L<br>(18.9 mL/Gal)  | 5 mL/L<br>(18.9 mL/Gal)  | 5 mL/L<br>(18.9 mL/Gal)  | 5 mL/L<br>(18.9 mL/Gal)  | Flushing<br>Period                   |
| Hyclean™                      | 0.3 mL/L<br>(1 mL/Gal)   | 0.3 mL/L<br>(1 mL/Gal)   | 0.3 mL/L<br>(1 mL/Gal)   | 0.3 mL/L<br>(1 mL/Gal)   | 0.3 mL/L<br>(1 mL/Gal)   | 0.3 mL/L<br>(1 mL/Gal)   | 0.3 mL/L<br>(1 mL/Gal)   | 0.3 mL/L<br>(1 mL/Gal)   | 0.5-1.3 mL/L<br>(2-5mL/Gal)<br>Flush |
| Hygroben™                     | 1 mL/L<br>(3.8 mL/Gal)   | 1 mL/L<br>(3.8 mL/Gal)   | 1 mL/L<br>(3.8 mL/Gal)   | 1 mL/L<br>(3.8 mL/Gal)   | 1 mL/L<br>(3.8 mL/Gal)   | 1 mL/L<br>(3.8 mL/Gal)   | 1 mL/L<br>(3.8 mL/Gal)   | No<br>Application        | Flushing<br>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:



Developed specifically for the commercial growers.



For best results, use the full **HYGROZYME®** line together. Or, mix and match products for your specific needs and desired results.



1L of **HYGROZYME®** **CONCENTRATE** serves 660 Gallons of water once diluted to the appropriate dosage rate.