



HYGROZYME®



HYGROZYME®, is 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®** 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®**.

Through third party laboratory testing, **HYGROZYME®** 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. Prevent root rot.

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:



Usage: 2-2.5 mL per Liter of water 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:

- 1,000 U/mL Cellulase
- 100 U/mL Xylanase
- 75 U/mL Hemicellulase
- 40 U/mL Beta-Glucanase

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)
Hygrozyme	500 mL	Units needed for whole cycle						
Hygrozyme	1L		2	3	2	2		
Hygrozyme	4L				1			
Hygrozyme	10L					1		
Hygrozyme	20L						2	4
Hygrozyme	208L							
Hygroben	500 mL							
Hygroben	1L		2	3	1			
Hygroben	4L				1			
Hygroben	10L					1	1	1
Hygroben	20L						1	3
Hygroben	208L							
Hyshield	1L		2	3	1			
Hyshield	4L				1			
Hyshield	10L					1	1	1
Hyshield	20L						1	3
Hyclean	500 mL		1	2	3			
Hyclean	4L					1	2	
Hyclean	20L							1
Hyclean	208L							

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 Liter of Water	oz. of product per Gallon of Water
Seedling/Cutting Stage	1	1.5 mL/L	0.2 oz./Gal
	2	1.5 mL/L	0.2 oz./Gal
Vegetative Stage	3	2-2.5mL/L	0.27-0.34 oz./Gal
	4	2-2.5mL/L	0.27-0.34 oz./Gal

Propagation Prep: Mix 1.5 mL of **HYGROZYME®** per Liter of water, or 0.2 Oz per Gallon of water. Soak trays and media prior to use. Proceed with normal regimen.

Preventative Maintenance	Week	mL of product per Liter of Water	oz. of product per Gallon of Water
Flowering Stage	5	2-2.5mL/L	0.27-0.34 oz./Gal
	6	2-2.5mL/L	0.27-0.34 oz./Gal
	7	2-2.5mL/L	0.27-0.34 oz./Gal
	8	2-2.5mL/L	0.27-0.34 oz./Gal
	9	2-2.5mL/L	0.27-0.34 oz./Gal
	10	2-2.5mL/L	0.27-0.34 oz./Gal
	11	2-2.5mL/L	0.27-0.34 oz./Gal
	12	2-2.5mL/L	0.27-0.34 oz./Gal
Flushing Period	13	Flush	

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