

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 facility, guaranteeing high-quality products and absolute consistency every time, in every product.

Application Notes:

- ✓ Usage: 2-2.5 mL/L (7.6-9.5 mL/Gal) of water recommended to be used with every watering, or as determined by your feed schedule.
- ✓ Propagation Prep: Mix 1.5 mL/L (5.6 mL/Gal) of water. Soak trays and media prior to use. Proceed with normal regimen.
- ✓ Effective in all growing media and growth stages.
- ✓ Compatible with all nutrient and supplement programs.
- ✓ **Active Ingredients:**
  - 1,000 U/mL Cellulase
  - 75 U/mL Hemicellulase
  - 100 U/mL Xylanase
  - 40 U/mL Beta-Glucanase

Feed Schedule

Veg Stage

	Clone	Vegetative			
	Week 1	Week 1	Week 2	Week 3	Week 4
Nutrient A (3-0-1)	1.5 mL/L (5.7 mL/Gal)	1.8 mL/L (6.8 mL/Gal)	1.8 mL/L (6.8 mL/Gal)	1.8 mL/L (6.8 mL/Gal)	2.3 mL/L (8.7 mL/Gal)
Nutrient B (1-3-5)	1.5 mL/L (5.7 mL/Gal)	1.8 mL/L (6.8 mL/Gal)	1.8 mL/L (6.8 mL/Gal)	1.8 mL/L (6.8 mL/Gal)	2.3 mL/L (8.7 mL/Gal)
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)
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)
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)
HYSHIELD™	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)

**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

	Flowering								
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9 (Flush)
Nutrient A (3-0-1)	2.3 mL/L (8.7 mL/Gal)	2.3 mL/L (8.7 mL/Gal)	2.8 mL/L (10.6mL/Gal)	2.8 mL/L (10.6mL/Gal)	2.8 mL/L (10.6mL/Gal)	3.2 mL/L (12.1 mL/Gal)	2.1 mL/L (7.9 mL/Gal)	2.1 mL/L (7.9 mL/Gal)	FLUSH
Nutrient B (1-3-5)	2.3 mL/L (8.7 mL/Gal)	2.3 mL/L (8.7 mL/Gal)	2.8 mL/L (10.6mL/Gal)	2.8 mL/L (10.6mL/Gal)	2.8 mL/L (10.6mL/Gal)	3.2 mL/L (12.1 mL/Gal)	2.1 mL/L (7.9 mL/Gal)	2.1 mL/L (7.9 mL/Gal)	FLUSH
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)	FLUSH
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)	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)	No Application	FLUSH
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)	0.5-1.3 mL/L (2-5 mL/Gal)
HYSHIELD™	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)	FLUSH

Notes:
Nutrient A & Nutrient B: Use with every feeding.
Hygrozyme: Use with every feeding.
Hygroben: Use once per week, recommended to be used within 24 hours of mixing.
Hyclean: Use throughout entire grow cycle with every tank refill.
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.
Use this feed chart as a guide only. All Results dependent on external factors.

Expert Tips:

- Add HYGROZYME® to your compost teas for an added boost!
- For best results, use the full HYGROZYME® line together. Or, mix and match products for your specific needs and desired results.
- 1L of HYGROZYME® will serve up to 132 Gallons of water once diluted to the appropriate dosage rate.