

FROM THE CREATORS OF
HYGROZYME®



Nutrient A & Nutrient B, from the makers of HYGROZYME®, are complete nutrient solutions that contain the necessary primary, secondary, and micronutrients required for the healthy development of your plants. **Nutrient A & Nutrient B** were designed to work together synergistically with each other and all other HYGROZYME® products. **Nutrient A & Nutrient B** can be used on a variety of plants, including vegetables, fruits, and flowering crops grown in indoor, outdoor and greenhouse environments.

Nutrient A & Nutrient B are effective in all grow media and during all growth stages. We also included a high-quality seaweed extract in the formula, which contains many trace elements essential to the healthy development of plants that can help alleviate abiotic stress.

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:



Nutrient A NPK levels: 3-0-1.



Nutrient B NPK levels: 1-3-5.



The pH of **Nutrient A** is 6.7.
The pH of **Nutrient B** is 4.5.



Always use equal amounts of **Nutrient A & Nutrient B** as per our feed chart. Never directly mix the concentrate of **Nutrient A** and the concentrate of **Nutrient B** together. Always dilute the **Nutrient A** with water first prior to adding **Nutrient B**.



The shelf life of **Nutrient A & Nutrient B** is 3 years from the date of manufacture. The products should be stored in a cool, well-ventilated place, away from direct sunlight. Avoid exposure to heat and high temperatures for prolonged periods.

Hygrozyme® Nutrient A & Nutrient B Feed Schedule

	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
Target EC Range (mS)	0.8-1.0	1.0-1.2	1.0-1.2	1.0-1.2	1.2-1.4
Target EC (mS)	0.9	1.1	1.1	1.1	1.3
PPM500	450	550	550	550	650
PPM700	630	770	770	770	910
Total N (PPM)	69	83	83	83	106

	Flowering								
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9
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 (10.6 mL/Gal)	2.8 mL/L (10.6 mL/Gal)	2.8 mL/L (10.6 mL/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
Target EC Range (mS)	1.2-1.4	1.2-1.4	1.5-1.7	1.5-1.7	1.5-1.7	1.6-2.0	1.0-1.4	1.0-1.4	Flush
Target EC (mS)	1.3	1.3	1.6	1.6	1.6	1.8	1.2	1.2	Flush
PPM500	650	650	800	800	800	900	600	600	Flush
PPM700	910	910	1120	1120	1120	1260	840	840	Flush
Total N (PPM)	106	106	129	129	129	147	97	97	Flush

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

If the flower cycle is longer than 8 weeks, adjust the feed schedule according to weeks needed to complete the cycle. Grow media and strain dependent.

To confirm rates for individual feedings or to determine how much product is needed for your reservoir, see the feed calculator on

www.hygrozyme.com.

Expert Tips:

PPM stands for parts per million. Both EC and PPM are measures of the amount of dissolved salts present in solution and the nutrient levels available to your crops; a higher EC corresponds to a higher PPM. One mS/cm EC is equivalent to 500 PPM when using the PPM 500 scale.



EC stands for electrical conductivity. It is an indication of the amounts of salts and nutrients dissolved in solution. EC is typically measured in millisiemens per centimeter (mS/cm).

Nutrient A & Nutrient B products are typically compatible with other water-based products. To ensure there are no compatibility issues, we recommend a jar test before making a large application volume.