



# 3-PART NUTRIENT SERIES FEED CHART

This feeding chart is suitable for all growing media in recirculating or drain-to-waste systems.

Location:

	<b>GROW</b>	<b>MICRO</b> Professional 3-Part Nutrient Series		<b>BLOOM</b>	<b>EMERALD GODDESS</b> Premium Plant Tonic	<b>KING KOLA</b> Powerful Bloom Booster	<b>HONEY CHOME</b> Aroma and Resin Enricher	<b>ROOT WIZARD</b> Massive Root Builder	<b>NOTES</b> (EC / PPM etc.)
<b>Vegetative</b> (18-hr light)	<b>Seedlings &amp; Cuttings</b>	0.5 mL/L		0.5 mL/L					
	<b>Transplants</b>	1.0 mL/L		0.5 mL/L					
	<b>Early Vegetative</b>	1.5 mL/L		0.75 mL/L		1.5 mL/L		3.75 mL/L	
	<b>Late Vegetative</b>	2.0 mL/L		1.0 mL/L		1.5 mL/L		1.0 mL/L	

To extend the vegetative phase: repeat one or more late vegetative weeks.

<b>Flowering Phase</b> (12-hr light)	WEEK										
	<b>1 Transition</b>	1.0 mL/L		1.0 mL/L		1.0 mL/L		1.5 mL/L	1.0 mL/L	1.0 mL/L	
	<b>2 Early Flowering</b>	0.5 mL/L		1.0 mL/L		2.0 mL/L		2.0 mL/L	2.0 mL/L	3.75 mL/L	
	<b>3 Early Flowering</b>	0.5 mL/L		1.0 mL/L		2.0 mL/L		2.0 mL/L	2.0 mL/L		
	<b>4 Mid Flowering</b>	0.5 mL/L		1.25 mL/L		2.5 mL/L		2.5 mL/L	3.0 mL/L	2.0 mL/L	
	<b>5 Mid Flowering</b>	0.5 mL/L		1.25 mL/L		2.5 mL/L		2.5 mL/L	3.0 mL/L	2.0 mL/L	
	<b>6 Late Flowering</b>			1.5 mL/L		2.75 mL/L		2.5 mL/L	2.0 mL/L	2.0 mL/L	
	<b>7 Late Flowering</b>			1.5 mL/L		2.75 mL/L		2.5 mL/L	2.0 mL/L	2.0 mL/L	
	<b>8 Ripening</b>			1.0 mL/L		2.75 mL/L		1.25 mL/L	1.0 mL/L	1.5 mL/L	
	<b>9 Ripening</b>	0.5 mL/L		0.5 mL/L		0.5 mL/L				1.5 mL/L	

To extend the flowering phase: repeat one or more mid-flowering weeks.

**Important:**  
Do not pre-mix concentrated nutrients.  
Fill the reservoir with water & then add nutrients.  
**Always mix MICRO with fresh water first, then add GROW and/or BLOOM.**  
Ideal water temp is 60–72°F (16–22°C).  
Ideal pH range after mixing nutrients is 5.8–6.3.  
Monitor plants for signs of stress when following a more aggressive feeding program.

**Notes:**

**PH UP**  
Premium pH Alkalizer  
**PH DOWN**  
Premium pH Acidifier  
Apply to the nutrient solution just a little at a time, testing the pH periodically until the readings are in the desired range.

**CAL-MAG**  
Calcium-Magnesium  
**STURDY STALK**  
Potassium Silicate  
**0.5-1.25 mL per liter**  
Use when needed from early vegetative through late flowering phase. Recommended for use on water days only.  
**Do not use Cal-Mag and Sturdy Stalk in the same watering.**

**Conversions:**

Teaspoons (tsp)	Milliliters (mL)	Tablespoons (tbsp)	Ounces (oz)	Litres (L)	US quarts (qt)	US gallons (gal)
1/4 tsp	1 mL	-	-	0.95 L	1 qt	-
1 tsp	5 mL	1/3 tbsp	-	1.89 L	2 qt	-
1 1/2 tsp	7.5 mL	1/2 tbsp	-	3.79 L	-	1 gal
3 tsp	15 mL	1 tbsp	1/2 oz	22.71 L	-	6 gal
6 tsp	30 mL	2 tbsp	1 oz			

