

Drain to Waste | Soil*

Amounts in ml / US gallon

	Vegetative				Flowering							Flush
	wk 1	wk 2	wk 3	wk 4	wk 1	wk 2	wk 3	wk 4	wk 5	wk 6	wk 7	wk 8
K-L-N™	10 ml	5 ml	5 ml									
Pro-TeKt®	5 ml	5 ml	5 ml	5 ml	5 ml	5 ml	5 ml	5 ml	5 ml	5 ml	5 ml	
Foliage-Pro® or GROW™	5 ml	5 ml	5 ml	5 ml								
	5 ml	5 ml	5 ml	5 ml								
BLOOM™					10 ml	10 ml	10 ml	5 ml	5 ml	2.5 ml	2.5 ml	
Mag-Pro®		2.5 ml	2.5 ml	2.5 ml	10 ml	5 ml	5 ml	5 ml	5 ml	2.5 ml	2.5 ml	
PPM w/ GROW	466 ppm	622 ppm	622 ppm	619 ppm	1,408 ppm	1,090 ppm	1,090 ppm	778 ppm	778 ppm	464 ppm	464 ppm	n/a
PPM w/ Foliage-Pro	425 ppm	581 ppm	581 ppm	578 ppm	1,408 ppm	1,090 ppm	1,090 ppm	778 ppm	778 ppm	464 ppm	464 ppm	n/a

add water ppm to chart ppm rates / use 500 ppm scale

*rates based on soil with no nutrient value

Recirculating

Amounts in ml / US gallon

	Vegetative				Flowering							Flush
	wk 1	wk 2	wk 3	wk 4	wk 1	wk 2	wk 3	wk 4	wk 5	wk 6	wk 7	wk 8
K-L-N™	10 ml	5 ml	5 ml									
Pro-TeKt®	5 ml	5 ml	5 ml	5 ml	5 ml	5 ml	5 ml	5 ml	5 ml	5 ml	5 ml	
Foliage-Pro® or GROW™	5 ml	10 ml	10 ml	10 ml								
	5 ml	10 ml	10 ml	10 ml								
BLOOM™					15 ml	15 ml	15 ml	10 ml	10 ml	5 ml	5 ml	
Mag-Pro®		5 ml	5 ml	5 ml	10 ml	5 ml	5 ml	5 ml	5 ml	2.5 ml	2.5 ml	
PPM w/ GROW	466 ppm	1,092 ppm	1,092 ppm	1,089 ppm	1,719 ppm	1,402 ppm	1,402 ppm	1,090 ppm	1,090 ppm	620 ppm	620 ppm	n/a
PPM w/ Foliage-Pro	425 ppm	1,010 ppm	1,010 ppm	1,007 ppm	1,719 ppm	1,402 ppm	1,402 ppm	1,090 ppm	1,090 ppm	620 ppm	620 ppm	n/a

add water ppm to chart ppm rates / use 500 ppm scale

1 tsp = 5 ml 1 qt = 946 ml
1 tbsp = 15 ml 1 gal = 3.785 L

-Always add Pro-TeKt® to water first
-monitor pH and ppm to ensure nutrient availability

Use this feed chart as a guide only.
Nutrient Calculator available at www.dyna-gro.com

The Simple Grow: Start with K-L-N Concentrate™ and Pro-Tekt® on your cuttings and young plants. Use Liquid GROW™ and Pro-Tekt® straight through veg and flowering. You can improve your results by supplementing with Mag-Pro® from week two through one week before harvest. In the final week, flush with water only to help pull out any unused nutrients from your plants.

Best Results: Start with K-L-N Concentrate™ and Pro-Tekt® on your cuttings and young plants. Use Foliage-Pro® and Pro-Tekt® during your vegetative stage. When transitioning to flowering stage, use Liquid BLOOM™ and Pro-Tekt®. Supplement with Mag-Pro® from week two of veg. through one week before harvest. In the final week, flush your plants with water only to help pull out any unused nutrients from your plants.

Shorter or Longer Vegetative Stage: Any shorter or longer than a 4-week veg., add or eliminate the product recommendations on week 4 of the chart.

Shorter Flowering Stage: Flowering stage shorter than 8 weeks, eliminate all recommendations on week 2 of flowering in the chart.

Lighting: Foliage-Pro® is high in nitrogen and will increase the size of your plant and cut grow time. 18 hours of light weeks 1-4 for vegetative stage. 12 hours of light weeks 5-12 for flowering stage.

Do Not Mix Concentrates: Always add Pro-Tekt® to reservoir first and dilute with water before adding Liquid GROW™, Foliage-Pro® or Liquid BLOOM™. Never mix Pro-Tekt® and nutrient concentrates together, they must be diluted first.

Cal-Mag: Liquid GROW™, Foliage-Pro® and Liquid BLOOM™ are complete nutrients containing all 16 macro and micro nutrients your plants need to thrive. Each has sufficient levels of calcium and magnesium. You do not need a Cal-Mag supplement when using Dyna-Gro™ nutrients. Supplement with Mag-Pro® to increase magnesium, phosphorus, potassium and sulfur levels. Mag-Pro® will increase resin production and enhance the flavor and aroma of your flowers.

Flush: Dyna-Gro™ complete nutrient formulas require little to no flushing. If needed, use only water for final week to flush.

pH: pH should be maintained between 6.0 to 6.5 in hydroponics systems and 6.2 to 6.8 in soil. Adjust pH with pH-Up or pH-Down. pH can also be raised by adding more Pro-Tekt®. Make adjustments using 2 ml/gal at a time and retest.

ppm (parts per million): Should be kept below 1,800 ppm. Tap water will add approximately 50-500 ppm to your total ppm count. Test the water in your area for best results.

