

GENERAL ORGANICS®

BIOTHRIVE®

All Amounts per 3.79 Liters (1 US Gallon)

Drain to Waste Nutrient Solution Tips:

- Keep nutrient solution temperature below 75° F (24° C).
- Allow 5% - 25% runoff during each irrigation.
- Consider fresh water irrigation after 1 - 3 nutrient applications.
- To flush apply fresh water irrigation after three nutrient applications to flush excess mineral accumulation.
- Keep nutrient solution aerated.
- For best results maintain nutrient solution pH between 5.5 - 6.5.

Troubleshooting factors to consider:

- Arid, bright, hot environments cause plants to drink more than if they are grown where it's humid, dim, and cool. Thus gardeners should use less concentrated nutrient solutions when growing conditions are more intense in order to lessen the risk of overfeeding.
- The pH (acidity or alkalinity) of a nutrient solution affects the availability of the elements contained within. Use GH pH adjusters to maintain nutrient pH between 5.5 - 6.5.

Drain To Waste Program

		WEEK # GROWTH STAGE: PPM RANGE:	GROWTH (18h photoperiod)				BLOOM (12h photoperiod)								
			1 Seedling 200-400	2 Early Growth 500-700	3 Late Growth 600-800	4 Transition 500-700	5 Early Bloom 500-700	6 Early Bloom 500-700	7 Mid Bloom 500-700	8 Mid Bloom 500-700	9 Mid Bloom 600-800	10 Late Bloom 600-800	11 Ripen 400-600	12 Flush 0-200	
simple program	expert program	Base Nutrient	BioThrive Grow	5ml	10ml	10ml	10ml	~	~	~	~	~	~	~	~
			BioThrive Bloom	~	~	~	~	10ml	10ml	10ml	10ml	10ml	10ml	10ml	~
		Vigor	CaMg+	5ml	5ml	5ml	5ml	5ml	5ml	5ml	5ml	5ml	5ml	2.5ml	~
		Roots	BioRoot	5ml	10ml	10ml	10ml	10ml	~	~	~	~	~	~	~
		Strength	BioWeed	2.5-5ml	2.5-5ml	2.5-5ml	2.5-5ml	~	~	~	~	~	~	~	~
		Weight	BioBud	~	~	~	~	2.5ml	2.5ml	2.5ml	2.5ml	2.5ml	2.5ml	~	~
		Flavor	BioMarine	5-10ml	5-10ml	5-10ml	5-10ml	5-10ml	5-10ml	5-10ml	5-10ml	5-10ml	5-10ml	~	~
		Weight	Diamond Black	5-10ml	5-10ml	~	~	~	~	~	~	~	~	~	~

CREATE YOUR OWN FEEDCHART

Personalized Program

		WEEK # GROWTH STAGE:	GROWTH (18h photoperiod)				BLOOM (12h photoperiod)								
			1 Seedling	2 Early Growth	3 Late Growth	4 Transition	5 Early Bloom	6 Early Bloom	7 Mid Bloom	8 Mid Bloom	9 Mid Bloom	10 Late Bloom	11 Ripen	12 Flush	
simple program	expert program	Base Nutrient	BioThrive Grow												
			BioThrive Bloom												
		Vigor	CaMg+												
		Roots	BioRoot												
		Strength	BioWeed												
		Weight	BioBud												
		Flavor	BioMarine												
		Weight	Diamond Black												

Useful Conversions

1 TSP	=	5 ml
1 TBSP	=	15 ml
1 oz	=	30 ml
1 Qt	=	946 ml
1 Gal	=	3.785 L
1 Gal	=	128 oz