



All amounts per 3.79 liters (1 U.S. gallon)

AGGRESSIVE FEED		GROW (18H PHOTOPERIOD)		BLOOM (12H PHOTOPERIOD)	
Growth stage		Early Growth	Late Growth	Early Bloom	Bloom
Total nitrogen (ppm)		150	220	160	150
EC range (mS/cm)		0.8-1.0	1.2-1.4	1.5-1.8	1.4-1.7
PPM range (500 scale)		400-500	600-700	750-900	700-850
BASE NUTRIENTS	BioThrive Grow (grams/gal)	7.0 ml/gal	12.0 ml/gal		
	BioThrive Bloom (grams/gal)			12.5 ml/gal	8.5 ml/gal
	CaMg+ (ml/gal)	5.0 ml/gal	7.5 ml/gal	8.5 ml/gal	8.5 ml/gal
SUPPLEMENTS	BioRoot (ml/gal)	5.0 ml/gal	5.0 ml/gal	5.0 ml/gal	
	BioWeed (ml/gal)	5.0 ml/gal	5.0 ml/gal	5.0 ml/gal	
	BioBud (ml/gal)			2.5 ml/gal	2.5 ml/gal
	BioMarine (ml/gal)	5.0 ml/gal	5.0 ml/gal	5.0 ml/gal	7.5 ml/gal
	Diamond Black (ml/gal)	5.0 ml/gal	5.0 ml/gal	5.0 ml/gal	5.0 ml/gal

MEDIUM FEED		GROW (18H PHOTOPERIOD)		BLOOM (12H PHOTOPERIOD)	
Growth stage		Early Growth	Late Growth	Early Bloom	Bloom
Total nitrogen (ppm)		120	180	130	120
EC range (mS/cm)		0.7-0.9	1.1-1.3	1.2-1.5	1.1-1.4
PPM range (500 scale)		350-450	550-650	600-750	550-700
BASE NUTRIENTS	BioThrive Grow (grams/gal)	5.5 ml/gal	9.5 ml/gal		
	BioThrive Bloom (grams/gal)			10.0 ml/gal	6.8 ml/gal
	CaMg+ (ml/gal)	4.0 ml/gal	6.0 ml/gal	6.8 ml/gal	6.8 ml/gal
SUPPLEMENTS	BioRoot (ml/gal)	4.0 ml/gal	4.0 ml/gal	4.0 ml/gal	
	BioWeed (ml/gal)	4.0 ml/gal	4.0 ml/gal	4.0 ml/gal	
	BioBud (ml/gal)			2.5 ml/gal	2.5 ml/gal
	BioMarine (ml/gal)	4.0 ml/gal	4.0 ml/gal	4.0 ml/gal	6.0 ml/gal
	Diamond Black (ml/gal)	4.0 ml/gal	4.0 ml/gal	4.0 ml/gal	4.0 ml/gal

LIGHT FEED		GROW (18H PHOTOPERIOD)		BLOOM (12H PHOTOPERIOD)	
Growth stage		Early Growth	Late Growth	Early Bloom	Bloom
Total nitrogen (ppm)		110	150	110	100
EC range (mS/cm)		0.6-0.8	1.0-1.2	1.0-1.3	0.9-1.2
PPM range (500 scale)		300-400	500-600	500-650	450-600
BASE NUTRIENTS	BioThrive Grow (grams/gal)	5.0 ml/gal	8.5 ml/gal		
	BioThrive Bloom (grams/gal)			8.5 ml/gal	6.0 ml/gal
	CaMg+ (ml/gal)	3.5 ml/gal	5.2 ml/gal	6.0 ml/gal	6.0 ml/gal
SUPPLEMENTS	BioRoot (ml/gal)	3.5 ml/gal	3.5 ml/gal	3.5 ml/gal	
	BioWeed (ml/gal)	3.5 ml/gal	3.5 ml/gal	3.5 ml/gal	
	BioBud (ml/gal)			2.5 ml/gal	2.5 ml/gal
	BioMarine (ml/gal)	3.5 ml/gal	3.5 ml/gal	3.5 ml/gal	5.3 ml/gal
	Diamond Black (ml/gal)	3.5 ml/gal	3.5 ml/gal	3.5 ml/gal	3.5 ml/gal

Base Nutrients

Customized Performance



BioThrive® Grow 4-3-3 provides plants with essential nutrients for roots, stems, and foliage.



BioThrive® Grow 2-4-4 offers flowering and fruiting plants essential nutrients for superior blooms and bountiful harvests.



CaMg+ is a blend of calcium and magnesium. Helps optimize plant nutrition resulting in enhanced growth and vibrant flowers and fruits.



BioRoot® 0-1-1 Helps plants establish vibrant, vigorous root systems.



BioWeed® 0-0-0.5 a plant and soil vitality booster featuring cold processed seaweed.



BioBud® 0.5-0-1 encourages profuse flowering and vigorous fruit development.



BioMarine® 2-3-1 a soil amendment that contains humic acids aiding in micronutrient uptake.



Diamond Black® contains digested squid protein that boosts plant growth.

Most products available in 1 quart, and 1, 2.5, 6, 15, 55 and 275 gallon sizes. Visit generallyhydroponics.com for more details.

Aggressive feed is most suitable for:

- ≤1 irrigation event per day during peak production
- >#5 pot size, slow drybacks
- Low planting density
- Large, multi-topped cropping style

Medium feed is most suitable for:

- 1-5 irrigation events per day during peak production
- #2-5 pot size, intermediate drybacks
- Intermediate planting density
- Intermediate, topped/pinched cropping style

Light feed is most suitable for:

- >5 irrigation events per day during peak production
- 4", 6", #1 pot or block size, fast drybacks
- High planting density
- Small, untopped crops: sea of green style

Feeding charts are recommendations only. Adjustments may be needed based upon environmental conditions, individual grow structure, and use of additional products. Actual results may vary.