



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

AGGRESSIVE FEED		GROW (18H PHOTOPERIOD)				BLOOM (12H PHOTOPERIOD)								
Week		1	2	3	4	1	2	3	4	5	6	7	8	9
Growth stage		Seedling/Clone	Early Growth	Early Growth	Late Growth	Early Bloom	Early Bloom	Mid Bloom	Mid Bloom	Mid Bloom	Late Bloom	Late Bloom	Ripen	Flush
Total nitrogen (ppm)		70	150	180	220	160	160	150	150	150	120	120	60	
EC range (mS/cm)		0.4-0.6	0.8-1.0	1.0-1.2	1.2-1.4	1.5-1.8	1.5-1.8	1.4-1.7	1.4-1.7	1.4-1.7	1.0-1.2	1.0-1.2	0.6-0.8	
PPM range (500 scale)		200-300	400-500	500-600	600-700	750-900	750-900	700-850	700-850	700-850	500-600	500-600	300-400	
BASE NUTRIENTS	BioThrive Grow (ml/gal)	5.0	7.0	9.0	12.0									
	BioThrive Bloom (ml/gal)					12.5	12.5	8.5	8.5	8.5	8.0	8.0	5.0	
	CaMg+ (ml/gal)	2.0	5.0	6.5	7.5	8.5	8.5	8.5	8.5	8.5	7.0	7.0	5.0	
SUPPLEMENTS	BioRoot (ml/gal)	5.0	5.0	5.0	5.0	5.0	5.0							
	BioWeed (ml/gal)		5.0	5.0	5.0	5.0	5.0							
	BioBud (ml/gal)					2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
	BioMarine (ml/gal)		5.0	5.0	5.0	5.0	5.0	7.5	7.5	7.5	5.0	5.0		
	Diamond Black (ml/gal)		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0				

MEDIUM FEED		GROW (18H PHOTOPERIOD)				BLOOM (12H PHOTOPERIOD)								
Week		1	2	3	4	1	2	3	4	5	6	7	8	9
Growth stage		Seedling/Clone	Early Growth	Early Growth	Late Growth	Early Bloom	Early Bloom	Mid Bloom	Mid Bloom	Mid Bloom	Late Bloom	Late Bloom	Ripen	Flush
Total nitrogen (ppm)		60	120	140	180	130	130	120	120	120	100	100	50	0
EC range (mS/cm)		0.3-0.5	0.7-0.9	0.9-1.1	1.1-1.3	1.2-1.5	1.2-1.5	1.1-1.4	1.1-1.4	1.1-1.4	0.8-1.0	0.8-1.0	0.4-0.6	
PPM range (500 scale)		150-250	350-450	450-550	550-650	600-750	600-750	550-700	550-700	550-700	400-500	400-500	200-300	
BASE NUTRIENTS	BioThrive Grow (ml/gal)	4.0	5.5	7.2	9.5									
	BioThrive Bloom (ml/gal)					10.0	10.0	6.8	6.8	6.8	6.5	6.5	4.0	
	CaMg+ (ml/gal)	1.5	4.0	5.2	6.0	6.8	6.8	6.8	6.8	6.8	5.5	5.5	4.0	
SUPPLEMENTS	BioRoot (ml/gal)	4.0	4.0	4.0	4.0	4.0	4.0							
	BioWeed (ml/gal)		4.0	4.0	4.0	4.0	4.0							
	BioBud (ml/gal)					2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
	BioMarine (ml/gal)		4.0	4.0	4.0	4.0	4.0	6.0	6.0	6.0	4.0	4.0		
	Diamond Black (ml/gal)		4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0				

LIGHT FEED		GROW (18H PHOTOPERIOD)				BLOOM (12H PHOTOPERIOD)								
Week		1	2	3	4	1	2	3	4	5	6	7	8	9
Growth stage		Seedling/Clone	Early Growth	Early Growth	Late Growth	Early Bloom	Early Bloom	Mid Bloom	Mid Bloom	Mid Bloom	Late Bloom	Late Bloom	Ripen	Flush
Total nitrogen (ppm)		50	110	130	150	110	110	100	100	100	80	80	40	
EC range (mS/cm)		0.2-0.4	0.6-0.8	0.8-1.0	1.0-1.2	1.0-1.3	1.0-1.3	0.9-1.2	0.9-1.2	0.9-1.2	0.7-0.9	0.7-0.9	0.3-0.5	
PPM range (500 scale)		100-200	300-400	400-500	500-600	500-650	500-650	450-600	450-600	450-600	350-450	350-450	150-250	
BASE NUTRIENTS	BioThrive Grow (ml/gal)	3.5	5.0	6.2	8.5									
	BioThrive Bloom (ml/gal)					8.5	8.5	6.0	6.0	6.0	5.5	5.5	3.5	
	CaMg+ (ml/gal)	1.2	3.5	4.6	5.2	6.0	6.0	6.0	6.0	6.0	5.0	5.0	3.5	
SUPPLEMENTS	BioRoot (ml/gal)	3.5	3.5	3.5	3.5	3.5	3.5							
	BioWeed (ml/gal)		3.5	3.5	3.5	3.5	3.5							
	BioBud (ml/gal)					2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
	BioMarine (ml/gal)		3.5	3.5	3.5	3.5	3.5	5.3	5.3	5.3	3.5	3.5		
	Diamond Black (ml/gal)		3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5				

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.