

GENERAL HYDROPONICS[®] BIOTHRIVe[®]



Professional 2-Part Nutrient System

| | | | | | | | | | | | | All amounts | per 3.79 liters | (1 U.S. gallon) |
|-------------------|--------------------------|--------------------|-----------------|-----------------|----------------|-------------------------|----------------|--------------|--------------|--------------|---------------|---------------|-----------------|-----------------|
| | FEED | (| GROW (18H P | HOTOPERIOD |)) | 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 | 120 | 150 | 180 | 130 | 130 | 110 | 110 | 110 | 80 | 80 | 50 | |
| | EC range (mS/cm) | 0.4-0.6 | 0.6-0.8 | 0.8-1.0 | 1.0-1.2 | 1.5-1.8 | 1.5-1.8 | 1.2-1.5 | 1.2-1.5 | 1.2-1.5 | 0.9-1.1 | 0.9-1.1 | 0.6-0.8 | |
| | PPM range (500 scale) | 200-300 | 300-400 | 400-500 | 500-600 | 750-800 | 750-800 | 600-750 | 600-750 | 600-750 | 450-550 | 450-550 | 300-400 | |
| | BioThrive Grow (ml/gal) | 5.0 | 8.0 | 10.0 | 12.5 | | | | | | | | | |
| BASE NUTRIENTS | BioThrive Bloom (ml/gal) | | | | | 15.0 | 15.0 | 12.5 | 12.5 | 12.5 | 10.0 | 10.0 | 5.0 | |
| | CaMg+ (ml/gal) | 2.0 | 3.0 | 4.0 | 5.0 | 8.5 | 8.5 | 7.5 | 7.5 | 7.5 | 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 | 100 | 120 | 140 | 100 | 100 | 90 | 90 | 90 | 60 | 60 | 40 | |
| | EC range (mS/cm) | 0.3-0.5 | 0.5-0.7 | 0.7-0.9 | 0.9-1.1 | 1.2-1.5 | 1.2-1.5 | 1.0-1.3 | 1.0-1.3 | 1.0-1.3 | 0.8-1.0 | 0.8-1.0 | 0.5-0.7 | |
| | PPM range (500 scale) | 150-250 | 250-350 | 350-450 | 450-550 | 600-750 | 600-750 | 500-650 | 500-650 | 500-650 | 400-500 | 400-500 | 250-350 | |
| | BioThrive Grow (ml/gal) | 4.0 | 6.5 | 8.0 | 10.0 | | | | | | | | | |
| BASE NUTRIENTS | BioThrive Bloom (ml/gal) | | | | | 12.0 | 12.0 | 10.0 | 10.0 | 10.0 | 8.0 | 8.0 | 4.0 | |
| | CaMg+ (ml/gal) | 1.5 | 2.5 | 3.2 | 4.0 | 6.5 | 6.5 | 6.0 | 6.0 | 6.0 | 4.0 | 4.0 | 4.0 | |

| | LIGHT | | | | | | | | | | | | | |
|-------------------|--------------------------|--------------------|-----------------|-----------------|----------------|----------------|-------------------------|--------------|--------------|--------------|---------------|---------------|---------|-------|
| | FEED | (| GROW (18H P | HOTOPERIO |)) | | 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 | 80 | 100 | 130 | 90 | 90 | 80 | 80 | 80 | 50 | 50 | 30 | |
| | EC range (mS/cm) | 0.2-0.4 | 0.4-0.6 | 0.6-0.8 | 0.8-1.0 | 1.1-1.4 | 1.1-1.4 | 0.9-1.1 | 0.9-1.1 | 0.9-1.1 | 0.7-0.9 | 0.7-0.9 | 0.4-0.6 | |
| | PPM range (500 scale) | 100-200 | 200-300 | 300-400 | 400-500 | 550-700 | 550-700 | 450-550 | 450-550 | 450-550 | 350-500 | 350-500 | 200-300 | |
| | BioThrive Grow (ml/gal) | 3.5 | 5.5 | 7.0 | 8.5 | | | | | | | | | |
| BASE NUTRIENTS | BioThrive Bloom (ml/gal) | | | | | 10.5 | 10.5 | 8.5 | 8.5 | 8.5 | 7.0 | 7.0 | 3.5 | |
| | CaMg+ (ml/gal) | 1.5 | 2.0 | 2.8 | 3.5 | 6.0 | 6.0 | 5.2 | 5.2 | 5.2 | 3.5 | 3.5 | 3.5 | |

Base Nutrients



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.

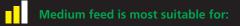


CaMg + is a blend of calcium and magnesium. Helps optimize plant nutrition resulting in enhanced growth and vibrant flowers and fruits.

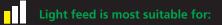
Products available in 1 quart, and 1, 2.5, 6, 15, 55 and 275 gallon sizes. Visit generalhydroponics.com for more details.

Aggressive feed is most suitable for:

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



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



- >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. GH_BioThriveSeries_FeedCharts_WeeklyBasic_USD_210113



GENERAL HYDROPONICS[®] BioThrive[®]



Professional 2-Part Nutrient System

| | | All amounts per 3.79 liters (1 U.S. gallon) | | | | | | | | | |
|-------------------|--------------------------|---|-------------|-------------------------|-------------|--|--|--|--|--|--|
| | FEED | GROW (18H P | HOTOPERIOD) | BLOOM (12H PHOTOPERIOD) | | | | | | | |
| | Growth stage | Early Growth | Late Growth | Early Bloom | Bloom | | | | | | |
| | Total nitrogen (ppm) | 120 | 180 | 130 | 110 | | | | | | |
| | EC range (mS/cm) | 0.6-0.8 | 1.0-1.2 | 1.5-1.8 | 1.2-1.5 | | | | | | |
| | PPM range (500 scale) | 300-400 | 500-600 | 750-800 | 600-750 | | | | | | |
| | BioThrive Grow (ml/gal) | 8.0 ml/gal | 12.5 ml/gal | | | | | | | | |
| BASE NUTRIENTS | BioThrive Bloom (ml/gal) | | | 15.0 ml/gal | 12.5 ml/gal | | | | | | |
| | CaMg+ (ml/gal) | 3.0 ml/gal | 5.0 ml/gal | 8.5 ml/gal | 7.5 ml/gal | | | | | | |

| | MEDIUM | | | | | | |
|-------------------|--------------------------|--------------|-------------|-------------------------|-------------|--|--|
| | FEED | GROW (18H P | HOTOPERIOD) | BLOOM (12H PHOTOPERIOD) | | | |
| | Growth stage | Early Growth | Late Growth | Early Bloom | Bloom | | |
| | Total nitrogen (ppm) | 100 | 140 | 100 | 90 | | |
| | EC range (mS/cm) | 0.5-0.7 | 0.9-1.1 | 1.2-1.5 | 1.0-1.3 | | |
| | PPM range (500 scale) | 250-350 | 450-550 | 600-750 | 500-650 | | |
| | BioThrive Grow (ml/gal) | 6.5 ml/gal | 10.0 ml/gal | | | | |
| BASE NUTRIENTS | BioThrive Bloom (ml/gal) | | | 12.0 ml/gal | 10.0 ml/gal | | |
| | CaMg+ (ml/gal) | 2.5 ml/gal | 4.0 ml/gal | 6.5 ml/gal | 6.0 ml/gal | | |

| | LIGHT | | | | | | | |
|-----------------|--------------------------|--------------|-------------|-------------------------|------------|--|--|--|
| | FEED | GROW (18H P | HOTOPERIOD) | BLOOM (12H PHOTOPERIOD) | | | | |
| | Growth stage | Early Growth | Late Growth | Early Bloom | Bloom | | | |
| | Total nitrogen (ppm) | 80 | 130 | 90 | 80 | | | |
| | EC range (mS/cm) | 0.4-0.6 | 0.8-1.0 | 1.1-1.4 | 0.9-1.1 | | | |
| | PPM range (500 scale) | 200-300 | 400-500 | 550-700 | 450-550 | | | |
| | BioThrive Grow (ml/gal) | 5.5 ml/gal | 8.5 ml/gal | | | | | |
| BASE FRIENTS | BioThrive Bloom (ml/gal) | | | 10.5 ml/gal | 8.5 ml/gal | | | |
| | CaMg+ (ml/gal) | 2.0 ml/gal | 3.5 ml/gal | 6.0 ml/gal | 5.2 ml/gal | | | |

Base Nutrients



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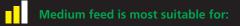


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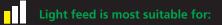
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Aggressive feed is most suitable for:

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



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



- >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. GH_BioThriveSeries_FeedCharts_GrowthStageBasic_USD_210113



GENERAL HYDROPONICS[®] BIOTHRIVe[®]

Professional 7-Part Nutrient System WEEKLY FEEDCHART



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

| | AGGRESSIVE | | | | | | | | | | | | | |
|-------------------|--------------------------|--------------------|-----------------|-----------------|----------------|----------------|----------------|--------------|--------------|--------------|---------------|---------------|---------|-------|
| | FEED | (| GROW (18H P | HOTOPERIOD |)) | | | | BLOOM | (12Н РНОТО | PERIOD) | | | |
| | 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 | |
| | BioThrive Grow (ml/gal) | 5.0 | 7.0 | 9.0 | 12.0 | | | | | | | | | |
| BASE NUTRIENTS | 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 | |
| | 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 | | | | | | | |
| SUPPLEMENTS | 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 P | HOTOPERIO |)) | 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 | |
| | BioThrive Grow (ml/gal) | 4.0 | 5.5 | 7.2 | 9.5 | | | | | | | | | |
| BASE NUTRIENTS | 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 | |
| | 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 | | | | | | | |
| SUPPLEMENTS | 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 P | HOTOPERIO |)) | 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 | |
| | BioThrive Grow (ml/gal) | 3.5 | 5.0 | 6.2 | 8.5 | | | | | | | | | |
| BASE NUTRIENTS | 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 | |
| | 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 | | | | | | | |
| SUPPLEMENTS | 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



provides plants with essential nutrients for roots, stems, and foliage.

offers flowering and fruiting plants essential nutrients for superior blooms and bountiful harvests.



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



root systems.

BioRoot[®] 0-1-1 Helps plants establish BioWeed® 0-0-0.5 a plant and soil vitality vibrant, vigorous booster featuring cold processed seaweed.



fruit development.



in micronutrient uptake.

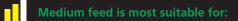


Diamond Black® encourages profuse flowering and vigorous a soil amendment that contains humic acids aiding contains digested squid protein that boosts plant growth.

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

Aggressive feed is most suitable for:

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



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- #2-5 pot size, intermediate drybacks
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- 4", 6", #1 pot or block size, fast drybacks
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Professional 7-Part Nutrient System



| | | | | | All amounts per 3.79 liters (1 U.S. gallon) |
|-------------------|-----------------------------|--------------|-------------|--------------|---|
| | FEED | GROW (18H P | HOTOPERIOD) | BLOOM (12H F | 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 |
| | BioThrive Grow (grams/gal) | 7.0 ml/gal | 12.0 ml/gal | | |
| BASE NUTRIENTS | 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 |
| | 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 | |
| SUPPLEMENTS | 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 P | HOTOPERIOD) | BLOOM (12H F | 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 |
| | BioThrive Grow (grams/gal) | 5.5 ml/gal | 9.5 ml/gal | | |
| BASE NUTRIENTS | 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 |
| | 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 | |
| SUPPLEMENTS | 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 P | HOTOPERIOD) | BLOOM (12H P | 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 |
| | BioThrive Grow (grams/gal) | 5.0 ml/gal | 8.5 ml/gal | | |
| BASE NUTRIENTS | 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 |
| | 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 | |
| SUPPLEMENTS | 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 |

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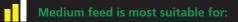


Diamond Black® encourages profuse flowering and vigorous a soil amendment that contains humic acids aiding contains digested squid protein that boosts plant growth.

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

Aggressive feed is most suitable for:

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



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



- >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. GH_BioThriveSeries_FeedCharts_GrowthStageCustom_USD_210113