



# GENERAL ORGANICS

## Soil / Soilless

----- (optional) -----

Feeding Schedule <i>all amounts: ml / Gallon</i>	BioThrive Grow	BioThrive Bloom	CaMg+	Bio Root	Bio Weed	Bio Bud	Bio Marine	Diamond Black
<b>Week 1 Rooted Seedlings</b> (18 Hour Photoperiod)	5ml	~	5ml	5ml	2.5-5ml	~	5-10ml	5-10ml
<b>Week 2 Early Growth</b>	10ml	~	5ml	10ml	2.5-5ml	~	5-10ml	5-10ml
<b>Week 3 Late Growth</b> (repeat for extra weeks of growth)	10ml	~	5ml	10ml	2.5-5ml	~	5-10ml	~
<b>Week 4 Transition</b> (12 Hour Photoperiod)	10ml	~	5ml	10ml	2.5-5ml	~	5-10ml	~
<b>Week 5 Early Bloom</b>	~	10ml	5ml	10ml	~	2.5ml	5-10ml	~
<b>Week 6 Early Bloom</b>	~	10ml	5ml	~	~	2.5ml	5-10ml	~
<b>Week 7 Mid Bloom</b> (repeat for extra weeks of blooming)	~	10ml	5ml	~	~	2.5ml	5-10ml	~
<b>Week 8 Mid Bloom</b>	~	10ml	5ml	~	~	2.5ml	5-10ml	~
<b>Week 9 Late Bloom</b>	~	10ml	5ml	~	~	2.5ml	~	~
<b>Week 10 Late Bloom</b> (repeat for extra weeks of blooming)	~	10ml	2.5ml	~	~	~	~	~
<b>Week 11 Ripen / Rinse</b>	~	~	~	~	~	~	~	~

### Soil Gardening Tips:

- Keep nutrient solution temperature below 75° F (24° C).
- Use dechlorinated water for best results.
- Adjusting pH is not necessary.
- Double BioThrive application rates for heavy feeding plants.
- Apply nutrient solution within 1 hour of mixing or aerate solution until application.
- BioMarine and Diamond Black are optional.
- Advanced soil growing techniques can be found at: [http://generalhydroponics.com/site/index.php/resources/learning\\_center/](http://generalhydroponics.com/site/index.php/resources/learning_center/)

**BioThrive** formulas are specifically designed to meet the comprehensive needs of all plants through every stage of growth. We base our formulations on ecological principals that maintain respect for the environment while providing balanced nutrition. The ingredients are entirely vegan, containing natural plant extracts, sea kelp, and mined minerals.

BioThrive actively improves the root environment by feeding the microbes that live in harmony with your plant. This provides the essential nutrition that creates healthy vegetative, flowering, and fruiting growth. BioThrive is ideal for every type of plant and can be applied along with other products in the General Organics line. Use with all garden soils, potting mixes, and other growing media.



**CaMg+** is the ideal supplement to provide a natural source of Calcium and Magnesium, critical elements in a plants growth cycle. These elements are often absent in many fertilizers and potting mixes, resulting in stunted growth. CaMg+ is biologically catalyzed from oyster shell, dolomite lime, and natural plant extracts. Through the use of organic compounds, CaMg+ increases calcium and magnesium transport into the plants. This optimizes plant metabolism, enhancing growth and creating healthier flowers and fruits.



**BioMarine** is an organic fertilizer derived from squid. We choose squid due to the huge populations in the oceans that are out of balance with fish populations. Squid have the added benefit of high protein plus polysaccheride content. This supports healthy plant growth and stimulates microbiology in the root zone. BioMarine benefits all types of plants during all phases of growth from seedling through harvest. Use as a standalone fertilizer for plants growing in rich organic soils, or as a nutrient supplement in addition to other products in the General Organics line for more complete or specialized plant nutrition.



**BioRoot** is a natural root growth supplement that helps plants establish healthy and vibrant root systems. It contains vitamins, enzymes, organic and humic acids that stimulate root growth. BioRoot is outstanding for seedlings and cuttings, helping young plants develop strong and massive root systems. For mature plants BioRoot will maintain health by improved nutrient uptake. Use BioRoot with any garden soil, potting mix, or other growing media.



**BioWeed** is derived from a blend of cold processed seaweeds that act as a plant and soil vitality enhancer. Seaweeds have long been recognized as stress reducing agents and powerful plant boosters. BioWeed encourages prolific root and foliage growth as well as larger flowers and fruits. BioWeed works synergistically with all fertilizers to promote vigorous, healthy growth. Use with any garden soil, potting mix, or other growing media.



**BioBud** is a powerful bloom stimulator that generates explosive flowering and massive fruit production. BioBud increases metabolic activity and mineral uptake by utilizing bio-stimulants and organic transport enhancers. This induces abundant, dense floral clusters during the crucial flowering and fruiting phases. The results are spectacular flowering and more flavorful fruits. Use BioBud during the flowering phase of plant growth with any baseline fertilizer in any garden soil, potting mix, or other growing media. BioBud is sure to make your garden complete.



**Diamond Black** is derived from 100% pure Leonardite, a naturally occurring form of carbon drawn from prehistoric peat bogs. Diamond Black contains an exceptionally high percentage of plant-active humates. These organic compounds improve nutrient absorption, stimulate microbial activity, promote soil structure, increase nutrient retention and reduce water usage in the landscape. Use with all kinds of plants during all phases of growth. Additionally, Diamond Black can also be utilized as an additive for making compost. Use Diamond black with any garden soil, potting mix, or other soil-based media.