



Soil Building Products
and Organic Fertilizers



TEA APPLICATION CHART

All Measurements per Gallon of Water

(If choosing to use more than one guano type in your teas make sure not to exceed a combined total of 1-2 tbsp per gallon).

SOIL BUILDERS	GROW		BLOOM		
	WEEK 1-2	WEEK 3-4	WEEK 1-3	WEEK 4-6	WEEK 7-8*
MegaWorm®	2-4 tbsp	2-4 tbsp	2-4 tbsp	2-4 tbsp	water only
Organic Compost OMRI™	2-4 tbsp	2-4 tbsp	2-4 tbsp	2-4 tbsp	water only

DRY FERTILIZERS (Apply every 7-10 days or as desired)

Vital Earth's® 1-1-17	1-2 tbsp	1-2 tbsp	1-2 tbsp	1-2 tbsp	water only
Vital Earth's® 3-2-2	1 tbsp	1-2 tbsp			water only
All-Purpose Seabird Guano 8-4-4	1 tbsp	1-2 tbsp			water only
High Nitrogen Bat Guano 9-3-1	1 tbsp	1-2 tbsp			water only
Guano Mix 7-7-2	1 tbsp	1-2 tbsp			water only
Rose & Flower Mix 5-9-4			1-2 tbsp		water only
O.G. Bloom Mix 0-9-0			1-2 tbsp	1-2 tbsp	water only
Seabird Guano 0-11-0			1-2 tbsp	1-2 tbsp	water only
High Phosphorous Bat Guano 0-13-0			1-2 tbsp	1-2 tbsp	water only

LIQUID FERTILIZERS (Apply every 3-5 days or as desired)

O.G. Seabird Guano Liquid Grow 4-3-4	1 tbsp	1-2 tbsp	1-2 tbsp		water only
O.G. Seabird Guano Liquid Bloom 2-5-0			1-2 tbsp	1-2 tbsp	water only

Transplanting:

Place one to two tablespoons of Vital Earth's® Mycorrhizal at the base of hole before transplanting.

Tea Preparation:

Use a stocking to fill with 2-4 tbsp/gal. of MegaWorm® & Organic Compost OMRI™ as a base for all of Vital Earth's® tea treatments. Follow the Application Guide above to make the tea for your needs. Let sit for 24 hours with good aeration, stir vigorously and apply to plants.

Watering Method: The key to encouraging healthy root growth is to water plants thoroughly in the center, and gradually lessen amount of water to outer area of containers or garden space. Avoid overwatering.

* If your desired plant or flower variety takes longer than 8 weeks to bloom, continue to use the same measurements indicated in the chart above for weeks 4-6, and be sure to flush using only water for the last two weeks before harvest.



MEDIUMS

Organic Potting Soil	Use Vital Earth's® Organic Potting Soil when transplanting, water in with Vital Earth's® PHC BioPak® from center to outer area of containers or garden space. Once plants are ready to water, roughly 5-7 days after transplanting, begin Vital Earth's® tea treatments (see Application Guide for directions).
Manna Mix	Use Vital Earth's® Manna Mix when transplanting, water in with Vital Earth's® PHC BioPak® from center to outer area of containers or garden space. Once plants are ready to water, roughly 3-5 days after transplanting, begin Vital Earth's® tea treatments (see Application Guide for directions).
Coco Lite	Coco Lite has perlite and our mycorrhizal blend added; this makes an excellent growing medium for container plants or as a medium for hydroponics.

ESSENTIAL BACTERIA & MINERALS

Vital Earth's® BioPak®	Use throughout grow cycle and bloom cycle every 3rd watering in between fertilizing. Use final application of Vital Earth's® PHC BioPak® before beginning flush cycle. Always give your plants water only during last two weeks of bloom.
Powdered Glacial Rock	For top dressing use 4 tbsp/gal of soil. Apply monthly. Can be used as mildew prevention in foliar spray (1/2 tsp to 1 tbsp per quart). Never foliar spray during bloom cycle. For stem rot, moss, algae & mold apply generously as a powder daily until a drying effect begins.

NEEM CONCENTRATE

Granular Neem Concentrate	1-2 tsp/gal water, add wetting agent. Self dissolving, wait 10 minutes. No shaking required to dissolve Neem. Root drench applicable. Once every 3-5 days as a preventative. Spray every 3 days for up to 2 weeks if infestation has occurred. Spray during vegetative times. Stop 3 weeks into flowering to avoid damaging on-setting fruits, flowers, and vegetables.
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FOLIAR SPRAYS

Seabird Liquid Grow and Liquid Bloom	Use Seabird Guano Liquid Grow 4-3-4 (1/2 tsp per qt.) spray during early and middle vegetation cycles. Use Seabird Guano Liquid Bloom 2-5-0 (1/2 tsp per qt.) spray starting 10 days before blooming cycle and then apply every few days until 4th week of flowering.
Kelp 1-1-17	Use in conjunction with either Seabird Liquid Grow or Liquid Bloom, 1 teaspoon per gallon.