



# Crop Services International

## Sustainable Garden/Landscape Program



(Note: Gardens include flowers, vegetables, fruit, berries, in ground, containers or raised beds)

CSI's goal is to grow high energy, nutrient dense foods. Whether from sustainable (beneficial to soil, micro-organisms & plant) or organic sources, mineral and microbe levels are key. Our approach is to supply and balance soil minerals while inoculating and stimulating microbes - both in the soil and on the leaf - multiple times throughout the growing season. Soil testing identifies mineral needs/ imbalances. CSI recommends products with food sources - fish, kelp, molasses - that have proven results in a vast array of growing operations, crops and climates.

(1000 sq. ft. = 20 rows 2 ft. wide and 25 ft. long (or similar) - roots grow 12 inches or more out all sides)

Growth Stage	Product	Amount/1000 sq. ft.	Application Method
<b>Base Liquid Application</b>	<b>Fish, Kelp, Molasses</b>	1 cup, 1 tsp, 1 cup	Broadcast/Side Dress <sup>(1)</sup>
		½ cup, 1 tsp, ½ cup	Side Dress <sup>(1)</sup> /Foliar <sup>(2)</sup>
<b>Prior to Planting</b> (Spring or Fall)	<b>Complete</b>	2 Tbsp.	Broadcast/Side Dress <sup>(1)</sup>
	Mineral Amendments	Per Test Recommendations	
<b>Seed Starting Or Transplanting</b>	<b>Premium Seed Treatment</b>	Enough to coat seeds	Dusting
	<b>Companion</b> <sup>®</sup>	5 oz.	Dip Root Ball <sup>(1)</sup>
	<b>Essential</b> <sup>®</sup>	1 oz.	
<b>Planting</b>	<b>Companion</b> <sup>®</sup> & <b>Essential</b> <sup>®</sup>	5 oz. of each	Side Dress (in-row) <sup>(1)</sup>
<b>Growth</b> (2 weeks after transplant) (foliar feed every 14 days)	<b>Companion</b> <sup>®</sup> & <b>Essential</b> <sup>®</sup>	1 oz. of each	Side Dress <sup>(1)</sup>
	<b>Palm Pro</b>	2-5 oz.	
<b>Mid-Summer</b> (plants beginning to blossom) (foliar feed only twice)	1 oz. of each above		Foliar Feed <sup>(2)</sup>
	<b>Companion</b> <sup>®</sup> & <b>Essential</b> <sup>®</sup>	1 oz. of each	Side Dress <sup>(1)</sup>
	<b>Bloomtastic</b>	3-5oz.	(Repeat in 30 days)
<b>Late Summer</b> (plants are filling fruit)	1 oz. of each above		Foliar Feed <sup>(2)</sup>
	<b>Companion</b> <sup>®</sup> & <b>Essential</b> <sup>®</sup>	1 oz. of each	Foliar Feed <sup>(2)</sup>
	<b>Palm Pro</b>	2 oz.	

(1) Mix with 4-5 gallons of water with fish, kelp and molasses

(2) Mix with 1-2 gallons of water (or amounts necessary to get adequate coverage) with fish, kelp and molasses

**Lawn Suggestion:** NEW OR ESTABLISHED LAWNS per 1000 sq. ft. (apply 4 - 6 times throughout the growing season)

<b>Companion, Essential, Palm Pro</b>	<b>2 oz. /gal water sprayer setting</b>	<b>Soil Drench</b>
<b>Bloomtastic (for new seeding)</b>	<b>2 oz. /gal water sprayer setting</b>	<b>Soil Drench</b>

See back for product and mixing instructions.

**NOTE:** The above programs should work well for most soils. Essential<sup>®</sup> is certified organic, Bloomtastic, Companion, and Palm Pro are high quality sustainable products.

