



## Liquid Biological Amendment (LBA)

# Actively Aerated Compost Extract Recipe

1. Extract the first four ingredients into the water using a BioExtractor Bag™.
2. Please Note: The kelp powder has a tendency to clump. We recommend vigorously agitating the kelp powder in a separate container with water to ensure kelp is completely dissolved.
3. Add fish hydrolysate and kelp solution directly to the water. Aerate vigorously for 12-24 hours.
4. Mix all other inputs directly into the water immediately before use. Use within 6 hours.

Application Rate: 1 Gallon of full strength extract per 5-10 square feet of soil surface area every 1 to 2 weeks. Dilute or water in as needed for complete soil coverage.

<u>Measure By VOLUME</u>	<u>ROOT DRENCH</u>	
	<b>325 Gallon</b>	<b>1000 Gallon</b>
<b>California Humus™</b>	<b>5 Quarts</b>	<b>12 Quarts</b>
<b>Worm Castings</b>	<b>11 Quarts</b>	<b>27 Quarts</b>
<b>Insect Frass™</b>	<b>2 ½ Quarts</b>	<b>6 Quarts</b>
<b>Granular Humate</b>	<b>2 ½ Quarts</b>	<b>6 Quarts</b>
<b>Fish Hydrolysate</b>	<b>5 Quarts</b>	<b>12 Quarts</b>
<b>Kelp Powder</b>	<b>2 ½ Cups</b>	<b>1 ½ Quarts</b>
<b>Endo Mycorrhizae*</b>	<b>2 ½ Cups</b>	<b>1 ½ Quarts</b>
<b>Actinovate AG™</b>	<b>1 ½ Cups</b>	<b>4 Quarts</b>
<b>Serenade Optimum™**</b>	<b>5 Ounces</b>	<b>1 ½ Cups</b>
<b>Liquid Azospirillum***</b>	<b>5 Ounces</b>	<b>1 ½ Cups</b>

NOTES: \* Use Endo Mycorrhizae in vegetative growth and in the first 2 weeks of flowering growth only.  
 \*\* Serenade Max may be used in place of Serenade Optimum at twice the application rate.  
 \*\*\* Use Azospirillum during vegetative plant growth only.

**Conversions:** 2 TBSP Per Ounce    8 Ounces Per Cup    4 Cups Per Quart    4 Quarts Per Gallon