



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>		
	5 Gallon	50 Gallon	250 Gallon
California Humus™	4 Ounces	1 Quart	4 Quarts
Worm Castings	1 Cup	2 Quarts	8 Quarts
Insect Frass™	2 Ounces	2 Cups	2 Quarts
Granular Humate	2 Ounces	2 Cups	2 Quarts
Fish Hydrolysate	2 Ounces	2 Cups	2 Quarts
Kelp Powder	1 TBSP	4 Ounces	2 Cups
Endo Mycorrhizae*	1 Ounce	4 Ounces	2 Cups
Actinovate AG™	1 TBSP	2 Ounces	1 Cup
Serenade Optimum™***	1 TSP	1 Ounce	4 Ounces
Liquid Azospirillum**	1/2 TSP	1 Ounce	4 Ounces

NOTES: * Use Endo Mycorrhizae in vegetative growth and in the first 2 weeks of flowering growth only.

** Use Azospirillum during vegetative plant growth only.

*** Serenade Max may be used in place of Serenade Optimum at twice the application rate.

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