



Foliar Spray Recipe

1. Place the first three ingredients into the BioExtractor Bag™ and ensure that bag hangs below water level and moves with the water, facilitating maximum extraction.
2. Add liquids (kelp extract, fish hydrolysate, and liquid humic acid) directly into the water.
3. *Optional:* Aerate vigorously for 12-24 hours.
4. Mix the remaining inputs directly into the water and **use immediately**.
5. Spray for complete leaf and stem coverage every 1-2 weeks.

<i>Measure By</i> <u>VOLUME</u>	<u>Vegetative Growth</u>			<u>Flowering & Fruiting</u>		
	1 Gal	5 Gal	25 Gal	1 Gal	5 Gal	25 Gal
Biologic Systems™ Worm Castings	2 TBSP	4 oz	1.5 Cups	-	-	-
Biologic Systems™ Humus	2 TBSP	4 oz	1.5 Cups	-	-	-
Insect Frass™	½ TBSP	1 oz	4 oz	-	-	-
Biologic Systems™ Kelp Extract	1 TBSP	2 oz	1 Cup	-	-	-
Biologic Systems™ Fish Hydrolysate	1 oz	4 oz	2 Cups	-	-	-
Biologic Systems™ Liquid Humic Acid	½ TBSP	1 oz	4 oz	-	-	-
<i>Bacillus subtilis</i> (Armory, Bac Blend, Bascilli, Companion, Serenade)	½ TBSP	1 oz	4 oz	½ TBSP	1 oz	4 oz
<i>Streptomyces lydicus</i> (Forge, Actinovate, Actino Mate)	1 TBSP	2 oz	1 Cup	1 TBSP	2 oz	1 Cup
<i>Bacillus thuringiensis</i> subs. <i>kurstaki</i> (DiPel)	1 TBSP	2 oz	4 oz	1 TBSP	2 oz	4 oz

Conversions: 2 TBSP = 30mL = 1 oz 8 oz = 1 Cup 4 Cups = 1 Qt 4 Qts = 1 Gallon