



Orchard & Vineyard Irrigation Injection

1. Add all necessary ingredients directly into the water and mix well.
2. Agitate during application to keep all ingredients mixed.
3. Always use appropriate filtration for your irrigation dripper or sprinkler orifice size.

Ingredient:	Per Acre	Frequency
Biologic Systems™ Fish Hydrolysate	1 Gallon	Every 1-2 Months (February – October)
Biologic Systems™ Kelp Extract	½ Gallon	Every 1-2 Months (February – October)
Biologic Systems™ Liquid Humic Acid	1 Cup	Every 1-2 Months (February – October)
<i>Azospirillum brasilense</i> ** (Liquid Azos Blue)	2 oz	Apply only once annually prior to first fertilization of the season
Endo Mycorrhizae Wettable Powder*	1 Lb	Apply only once annually prior to first fertilization of the season

*Inquire about root colonization testing for Mycorrhizae



Orchard & Vineyard Foliar Spray

1. Extract the first three ingredients into the water by thoroughly massaging, squeezing, manipulating the BioExtractor Bag™ to ensure maximum extraction.
2. Add other inputs directly into the water and mix thoroughly. (Extended brewing time is not recommended. Liquefy ingredients and apply as soon as possible.)
3. Spray for complete leaf and stem coverage. 100+ gallons of water per acre recommended.
4. Please Note: BioExtractor Bag™ provides 400 micron filtration. Always use appropriate filtration for your irrigation dripper or sprinkler orifice size. If possible, use larger nozzle sizes and remove line filters from spray equipment to prevent clogging during application.

Ingredient	Per Acre	Frequency
Biologic Systems™ Worm Castings	4 Lbs	Every 2-4 Weeks (February – October)
Biologic Systems™ Humus	4 Lbs	Every 2-4 Weeks (February – October)
Insect Frass	1 Lb	Every 2-4 Weeks (February – October)
Biologic Systems™ Fish Hydrolysate	½ Gallon	Every 2-4 Weeks (February – October)
Biologic Systems™ Kelp Extract	½ Gallon	Every 2-4 Weeks (February – October)
Biologic Systems™ Humic Acid	1 Lb	Every 2-4 Weeks (February – October)
<i>Bacillus subtilis</i> (Companion or Serenade)	1 Lb	Every 2-4 Weeks (February – October)
<i>Streptomyces lydicus</i> (Forge or Actinovate)	½ Lb	Every 2-4 Weeks (February – October)
<i>Bacillus thuringiensis subs. kurstaki</i> (DiPel)	½ Lb	Every 2-4 Weeks (February – October)