

Brewer Assembly

Assembly



Remove all contents from the brewer.
Do not disturb the diffuser ring at the bottom.

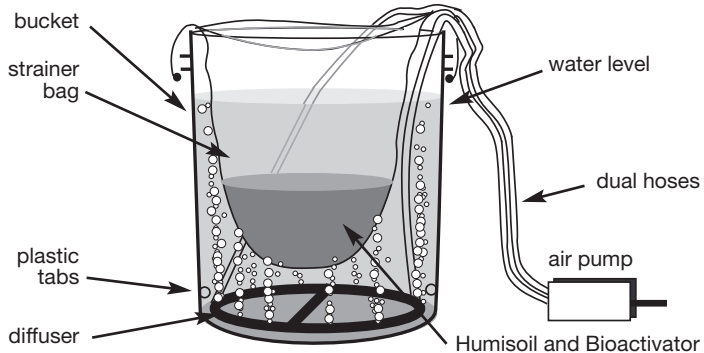
Attach both air supply lines to the pump.



Attach the ends of the air supply lines to
the T-connectors on the diffuser ring.



For easier cleanup, stretch the strainer bag over
the brewer rim. The use of the strainer bag is optional. For
a richer brew, place ingredients directly into the brewer.



Bountea can be brewed in any aerated compost tea brewer.

Bountea Brewing Instructions



Fill brewer with **CLEAN** water for the desired brew size.

Plug in the pump and aerate for 1 hour to purify and dechlorinate the water.

Place the correct amount of Humisoil in the brewer. (See page 11)



Place the correct amount of Bioactivator in the brewer. (See page 11)

Brew for 24 to 48 hours between 60°F and 85°F.
Stir the liquid a few times during brewing.

Add Root Web, M3 or B3 for the last hour of brewing according to instructions.
(See page 11)



Brewing Tips

Basic Brewing

- Use pure water for brewing; chlorine and chloramine can negatively affect microbes. Aerate water for 1 hour before brewing.
- Humisoil and Bioactivator are added to every brew to make Bountea.
- Aerate the Bountea for 24–48 hours at temperatures between 60°F and 85°F. An optimum temperature is 75°F or 24°C. *Bountea heaters are available upon request.*
- Bountea often foams during brewing. Add 1 tablespoon of cooking oil to reduce foam if needed.

More Tips

- Add Root Web, M3 or B3 to Bountea during the last hour of brewing. **Do not add M3 at the beginning; it may cause an anaerobic reaction.**
- If you brew for more than 48 hours and up to 72 hours, add an extra ½ cup of Bioactivator per 4 gallons of Bountea.
- Brew only the quantities you need. Keep Bountea aerated until used. Plan for application within 6 hours after brewing.
- Bountea can be refrigerated for up to 2 weeks.

Warning: Never use Bountea if it smells very sour or ‘bad.’ A slight ‘fishy’ smell is normal when M3 is added to Bountea.

Brew Kit Clean Up

- Rinse residue from brewer, diffuser, air tubes and strainer.
- If needed, disinfect with hydrogen peroxide solution, not bleach.
- Store brewer and all ingredients in a cool, dry place out of sunlight.

Brewing Quantities						
	1 gallon	2 gallons	4 gallons	10 gallons	25 gallons	50 gallons
Humisoil	½ qt.	1 qt.	2 qts.	4 qts.	6 qts.	8 qts.
Bioactivator	¼ cup	½ cup	1 cup	2 cups	3 cups	4 cups
Root Web	¼ cup	½ cup	1 cup	2 cups	4 cups	6 cups
M3 or B3	¼ cup	½ cup	1 cup	2½ cups	5 cups	8 cups

Coverage						
	250 sq. ft.	500 sq. ft.	1000 sq. ft.	3000 sq. ft.	0.25 acre	0.75 acre
Depleted Soil	250 sq. ft.	500 sq. ft.	1000 sq. ft.	3000 sq. ft.	0.25 acre	0.75 acre
Fertile Soil	500 sq. ft.	1000 sq. ft.	2000 sq. ft.	6000 sq. ft.	0.5 acre	1.25 acres
4 ft. Wide Beds	60 ft. long	120 ft. long	240 ft. long	720 ft. long		

Coverage is approximate and depends on soil type and crop needs.
For specialist growers, see chart on page 13.

Garden Applications

Application

- Allow Bountea to settle for 15 minutes before decanting.
- If used, remove strainer with residue from the bucket.
- Add Bountea residue to your compost or spread on your soil.
- Apply Bountea using a watering can or hose-end sprayer.

Dilution

- General use: dilute 1 part Bountea with 8 parts clean water (1:8).
- Foliar spraying: dilute 1 part Bountea with 10 parts clean water (1:10).
- Set hose-end sprayers to the highest dilution rate.

For outdoor gardens:

Apply 1 gallon of Bountea to 250–500 square feet of garden, regardless of dilution.

Garden Growing Guide					
	Bountea	Root Web	M3	B3	SuperStart
Soil Preparation	Every 1-4 weeks and before seeding	1 st and last Bountea brews of the season	1 st and then every 2 nd Bountea brew		Add to prepared soil as directed
Seeds/Starts	As soon as true leaves form	In Bountea or as a root dip	In Bountea after four leaves form		Add ½ cup to each bag of starting mix
Transplants	Before transplanting	In Bountea before transplanting	When transplanting		Add one cup to each bag of potting soil
Growth Phase	Every 1-4 weeks		Every other brew		
Bloom/Fruit Phase	Every 1-4 weeks			Every Bountea brew	
Lawns	Every 1-4 weeks	Add to Bountea brew in spring and fall	Every Bountea brew until well greened		Spread on lawn in spring
Shrubs/Trees	Every 2-4 weeks	Add to Bountea brew in spring and fall		Every brew when budding, flowering and fruiting	Add to soil in spring
Houseplants	Every 4 weeks	In spring and fall with Bountea or sprinkled on soil		When budding and flowering	Add pinch to pots every 4 months
Foliar Spray	When plants are 4 weeks or older		For faster growth and mineral deficiencies	As buds form	

For depleted soils and ground that has been over-treated with chemicals, apply Bountea intensively. The microbes in Bountea “clean up” problematic soils.

Specialist Growing and Hydroponics

Potting Soils

To each 1.5 cu ft bag, mix in:

- 2 qt Alaska Humisoil
- 2 TBL Root Web
- ½ Cup M3
- 1 Cup SuperStart for Plants

When Planting or Transplanting: Add a handful of Alaska Humisoil and a full pinch (1 tsp.) of SuperStart under the root ball.

Soiless Mediums

All Bountea products are compatible with coco coir (coconut fiber) and sphagnum peatmoss growing systems.

Feeding Schedule for Growers

- Bountea can be applied 1 or 2 times per week. Bountea cannot be over-applied and will not burn or harm your plants.
- Indoor growing: dilute 1 part Bountea with 5 parts pure water (1:5).
- Outdoor growing: dilute 1 part Bountea with 8 parts pure water (1:8).
- 4 gallons of Bountea will treat approx 50 x 5 gallon containers.
- Bountea is very efficient—other fertilizers or nutrients may be reduced by 50%.
- During finish and/or flush stage, use twice as much Bountea Bioactivator to increase sugar production.

Feeding Schedule for Growers										
	Growth Phase				Bloom Phase					Flush
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Weeks 9–12	
Bountea	■	■	■	■	■	■	■	■	■	■
Root Web	■	■								
M3	■	■	■	■						
B3					■	■	■	■	■	■

Hydroponics

For the intensive feeding schedule see chart above. Adapt according to your growing needs and system.

- Use only non-chlorinated or filtered water.
- Bountea requires adequate aeration at all times.
- Maintain the hydroponic solution at approximately 65°F – 80°F.
- Reduce other organic nutrients when Bountea is in your reservoir.
- The pH of Bountea is approximately 7.0.
- Drain to waste every 48 hours in all systems.
- **Top feed system:** dilute 1 part Bountea with 8 parts pure water.
- **Reservoir system:** add 2 gallons of Bountea to each 50-gallon reservoir.
- Bountea is approximately 400 PPM undiluted.
- M3 and B3 are 100 PPM per cup in a four gallon brew.
- It is not recommended to exceed 800 PPM in reservoir.