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.

bucket
strainer bag
plastic tabs
diffuser
water level
dual hoses
air pump
Humisoi and Bioactivator

1-800-798-0765
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 60ºF and 85ºF. An optimum temperature is 75ºF or 24ºC. *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.

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.

<table>
<thead>
<tr>
<th>Brewing Quantities</th>
<th>1 gallon</th>
<th>2 gallons</th>
<th>4 gallons</th>
<th>10 gallons</th>
<th>25 gallons</th>
<th>50 gallons</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humisoil</td>
<td>½ qt.</td>
<td>1 qt.</td>
<td>2 qts.</td>
<td>4 qts.</td>
<td>6 qts.</td>
<td>8 qts.</td>
</tr>
<tr>
<td>Bioactivator</td>
<td>¼ cup</td>
<td>½ cup</td>
<td>1 cup</td>
<td>2 cups</td>
<td>3 cups</td>
<td>4 cups</td>
</tr>
<tr>
<td>Root Web</td>
<td>¼ cup</td>
<td>½ cup</td>
<td>1 cup</td>
<td>2 cups</td>
<td>4 cups</td>
<td>6 cups</td>
</tr>
<tr>
<td>M3 or B3</td>
<td>¼ cup</td>
<td>½ cup</td>
<td>1 cup</td>
<td>2¼ cups</td>
<td>5 cups</td>
<td>8 cups</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Coverage</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Depleted Soil</td>
<td>250 sq. ft</td>
<td>500 sq. ft</td>
<td>1000 sq. ft</td>
<td>3000 sq. ft</td>
<td>0.25 acre</td>
<td>0.75 acre</td>
</tr>
<tr>
<td>Fertile Soil</td>
<td>500 sq. ft</td>
<td>1000 sq. ft</td>
<td>2000 sq. ft</td>
<td>6000 sq. ft</td>
<td>0.5 acre</td>
<td>1.25 acres</td>
</tr>
<tr>
<td>4 ft. Wide Beds</td>
<td>60 ft. long</td>
<td>120 ft. long</td>
<td>240 ft. long</td>
<td>720 ft. long</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Coverage is approximate and depends on soil type and crop needs. For specialist growers, see chart on page 13.
For depleted soils and ground that has been over-treated with chemicals, apply Bountea intensively. The microbes in Bountea “clean up” problematic soils.

### 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.

### Garden Growing Guide

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

**For outdoor gardens:**
Apply 1 gallon of Bountea to 250–500 square feet of garden, regardless of dilution.
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

Soilless 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.

<table>
<thead>
<tr>
<th>Feeding Schedule for Growers</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Growth Phase</strong></td>
</tr>
<tr>
<td><strong>Week 1</strong></td>
</tr>
<tr>
<td>Bountea</td>
</tr>
<tr>
<td>Root Web</td>
</tr>
<tr>
<td>M3</td>
</tr>
<tr>
<td>B3</td>
</tr>
</tbody>
</table>

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.