Fumagilin-B

Mixing and Feeding Instructions in U.S. Measurements

Preparation of Medicated Syrup:

<table>
<thead>
<tr>
<th>Water</th>
<th>+Sugar</th>
<th>=Syrup</th>
<th>+Fumagilin-B</th>
</tr>
</thead>
<tbody>
<tr>
<td>44 gallons</td>
<td>+727 lbs.</td>
<td>=100 gallons</td>
<td>+16 ounces (454g bottle)</td>
</tr>
<tr>
<td>9 1/3 gallons</td>
<td>+152 lbs.</td>
<td>=21 gallons</td>
<td>+3.4 ounces (96g bottle)</td>
</tr>
<tr>
<td>2 1/4 gallons</td>
<td>+37 lbs.</td>
<td>=5.2 gallons</td>
<td>+0.85 ounces (24g bottle)</td>
</tr>
<tr>
<td>1/2 gallon</td>
<td>+8 lbs.</td>
<td>=1 gallon</td>
<td>+0.18 ounces (5g=1 rounded teaspoon)</td>
</tr>
</tbody>
</table>

**Fall Feeding Medicated Syrup**

- 2 gallons for each 2-chamber colony (approx. 30,000 bees)
- 1 gallon for each 1-chamber colony (approx. 18,000 bees)
- ¾ gallon for each 5-frame colony (approx. 8,000 bees)

Feed additional medicated syrup to desired colony weight for wintering.

**Spring Feeding Medicated Syrup**

- 1 gallon for each 2-chamber colony (approx. 20,000 bees)
- ½ gallon for each 1-chamber colony (approx. 12,000 bees)
- ½ gallon for each 5-frame colony (approx. 8,000 bees)
- 1 gallon for each package colony

Feed additional un-medicated syrup to provide nourishment until nectar is available.

**Additional Measurements**

- ½ teaspoon = 1.5 g Fumagilin-B (31.5 mg activity)
- 1 teaspoon = 3.0 g Fumagilin-B (63 mg activity)
- ½ tablespoon = 4.8 g Fumagilin-B (100 mg activity)
- 1 tablespoon = 9.5 g Fumagilin-B (200 mg activity)
- 2/3 cup = 50 g Fumagilin-B (1.05 g activity)