FERTILIZER CONVERSIONS

<table>
<thead>
<tr>
<th>Fertilizer Group</th>
<th>pounds per cup</th>
<th>pounds per 2 liter container</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organic meals, blends and wood ash</td>
<td>1 cup = 1/3 lb</td>
<td>2 liter = 3 lbs</td>
</tr>
<tr>
<td>Ground Rock Dusts (Limestone, Rock Phosphate, Greensand)</td>
<td>1 cup = 3/4 lb</td>
<td>2 liters = 6 lbs</td>
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<tr>
<td>Coarse &amp; Medium Granulated Synthetic Blends (ex. 5-10-10 garden fertilizer)</td>
<td>1 cup = 1/2 lb</td>
<td>2 liters = 4.5 lbs</td>
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<tr>
<td>Fine Granulated &amp; Flaked Synthetic Blends (ex many turf fertilizers)</td>
<td>1 cup = 1/3 lb</td>
<td>2 liters = 3 lbs</td>
</tr>
<tr>
<td>Composts</td>
<td>1 cup = 1/6 lb</td>
<td>2 liters = 1.5 lbs</td>
</tr>
<tr>
<td>Powdered Sulfur</td>
<td>1 cup = 1/2 lb</td>
<td>2 liters = 4.5 lbs</td>
</tr>
<tr>
<td>Urea and other High Nitrogen Fertilizers</td>
<td>1 cup = 1/3 lb</td>
<td>2 liters = 3.5 lbs</td>
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</tbody>
</table>

**Common household containers to use for measuring**

- 12 oz coffee can = 1 liter
- Cut off top of 2 liter soda bottle = 2 liters
- Cut off top of 1/2 gallon milk bottle = 1/2 gallon

**Common measurements**

- 1 lb = 16 ounce
- 1 pint = 2 cups
- 1 acre = 43,560 square feet
- 4 cups = 1 quart
- 12 inches = 1 foot
- 4 quarts = 1 gallon
**How do I figure out how many square feet my garden or lawn is?**

Length in feet  X  width in feet = square feet

5 feet x 20 feet = 100 square feet.  

![Rectangle diagram](image)

**What if my garden is not square?** Estimate the length and the width. As this approach overestimates the square footage, apply a little less of the recommended amount of fertilizer so as not to over fertilize.

![Circle diagram](image)

**My garden is only 100 square feet and your recommendation is for 50 pounds per 1000 sq feet of limestone. How do I figure how much limestone to use?**

100 is 1/10 th of 1000, so you will need 1/10 th the amount of limestone or 50 divided by 10 which equals 5 lbs of limestone.

**How do I know how much 5 lbs of limestone is?**  (See table on back for lists of conversions)

1 cup of limestone weighs about ¾ lb (.75 lbs).

0.75 lbs goes in to 5 about 6.6 times. 6.6 times 1 cup equals 6.6 cups

So 5 lbs of limestone would be a little over 6 ½ cups.

**How much fertilizer should I use if the recommendation is for 20 pounds of 10-10-10 per 1000 sq feet and I have 100 sq feet?**

100 is 1/10th of 1000 so...

1/10 of 20 lbs equals 2 lbs. So I need 2lzs of fertilizer per 100 sq feet.

1 cup of garden fertilizer weighs about ½ pound.  So for 2 lbs you would need 4 cups of 10-10-10 fertilizer.