### TECHNICAL TIDBITS

<table>
<thead>
<tr>
<th>Jones Rule or The Rule of “86”</th>
<th>86 ÷ Sap Sugar content = number of gallons of sap (of this sweetness) required to make one gallon of syrup</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Sugar Content of Maple Syrup</th>
<th>66 to 68.9% (Brix)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 gallon Maple Syrup</td>
<td>7 1/2 lbs. Maple Sugar</td>
</tr>
<tr>
<td>Calories in Maple Syrup</td>
<td>54 per Tablespoon</td>
</tr>
<tr>
<td>Recommended Canning Temperature</td>
<td>180° to 190° F</td>
</tr>
</tbody>
</table>

### HANDY SUGARHOUSE MATH FACTS

<table>
<thead>
<tr>
<th>Volume:</th>
<th>1 cu. ft.</th>
<th>7.48 gal. (US)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1 gal.</td>
<td>231 cu. ln.</td>
</tr>
<tr>
<td></td>
<td>1 gal.</td>
<td>3.79 liters</td>
</tr>
<tr>
<td>Pressure:</td>
<td>1 ft. of water-depth</td>
<td>0.4335 psi</td>
</tr>
<tr>
<td>Vacuum:</td>
<td>1 ft. water-depth</td>
<td>0.8826 in. of mercury</td>
</tr>
<tr>
<td>Weight:</td>
<td>Water</td>
<td>8.35 lb. per gal.</td>
</tr>
<tr>
<td></td>
<td>Syrup</td>
<td>11 lb. per gal.</td>
</tr>
<tr>
<td>Temperature:</td>
<td>°F to °C</td>
<td>°F × 5 ÷ 9 + °C</td>
</tr>
<tr>
<td></td>
<td>°C to °F</td>
<td>°C × 9 ÷ 5 + 32 = °F</td>
</tr>
</tbody>
</table>

### Ohio Maple Producers Association
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Web: ohiomaple.org

### Ohio Maple Regulations
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### Ohio Maple Syrup Equipment Dealers Serving Ohio

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### The Ohio State University
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**2019**