Why a UNH Sugaring Operation?

- Education

Sugarbush Management

http://www.forestryimages.org
Why a UNH Sugaring Operation?

- Research

Why a UNH Sugaring Operation?

- Highlighting sustainable and local products

http://www.healssugarhouse.com/Diary.htm
Sugaring Rules of Thumb

- 1 Tap = 10 Gallons of Sap
- 40 Gallons of Sap = 1 Gallon of Syrup
- 1 Tap = 1 Quart of Syrup
# Tapping Parameters

<table>
<thead>
<tr>
<th>Tree DBH</th>
<th># of Taps</th>
</tr>
</thead>
<tbody>
<tr>
<td>10” – 16”</td>
<td>1 Tap</td>
</tr>
<tr>
<td>18” – 26”</td>
<td>2 Taps</td>
</tr>
<tr>
<td>26” +</td>
<td>3 Taps</td>
</tr>
</tbody>
</table>
## Cost / Tap (Tubing)

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tap</td>
<td>$0.31</td>
</tr>
<tr>
<td>Tubing (20’ / tap)</td>
<td>$2.20</td>
</tr>
<tr>
<td>Tee</td>
<td>$0.28</td>
</tr>
<tr>
<td>Mainline Entrance</td>
<td>$0.20</td>
</tr>
<tr>
<td>Total w/o Mainline</td>
<td>$2.79</td>
</tr>
<tr>
<td>Total w/ Mainline</td>
<td>$2.99</td>
</tr>
<tr>
<td>Item</td>
<td>Cost</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>1” Mainline</td>
<td>$0.35</td>
</tr>
<tr>
<td>Support Wire</td>
<td>$0.06</td>
</tr>
<tr>
<td>Wire Ties (1 every 10’)</td>
<td>$0.02</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$0.43 / foot</strong></td>
</tr>
</tbody>
</table>
## Cost / Tap (Buckets)

<table>
<thead>
<tr>
<th></th>
<th>New</th>
<th>Used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bucket</td>
<td>$14.50</td>
<td>$6.00</td>
</tr>
<tr>
<td>Cover</td>
<td>$4.00</td>
<td>$1.25</td>
</tr>
<tr>
<td>Spout</td>
<td>$1.10</td>
<td>$1.10 (new)</td>
</tr>
<tr>
<td>Total</td>
<td>$19.60</td>
<td>$8.35</td>
</tr>
</tbody>
</table>
Sugarhouse

http://www.nhmapleproducers.com/
Collection Methods

http://www.rentmothernature.com/images/action_maple.jpg

http://content.answers.com/main/content/wp/en/thumb/e/a/250px-Sap_plastic_tubing.jpg
UNH Sugar Maple Resource
(Possible Sugaring Route)
East and West Foss Farms

East and West Foss Farms
Taps and Soil
156 Taps

Legend

Disclaimer: Digital Data from NHGranit Data
Horticulture Farm and O’Kane Lot

Horti Farm and O’Kane Taps and Soils
221 Taps

Legend:

- Hort-A Soils
- Hort-B Soils
- Hort-C Soils
- O’Kane Soils

Disclaimer: Digital data from NHGrant Data
Kingman Farm

Taps and Soils
190 Taps

Legend:

Disclaimer: Digital Data from NHGranit Data
Mariotti House

Mariotti House at Burley Demeritt Farm
Taps and Soil
46 Taps

Legend
Mariotti Soil
HAC
Hub

Disclaimer: Digital Data from NHGrant
Thompson Farm

Thompson Farm
Taps and Soils
28 Taps

Legend
Thompson Soil

Disclaimer: Digital Data from NHGravit