Warrior®

U.S.

High Alpha Hop

Warrior is a high alpha hop brand developed by Yakima Chief Ranches. It has high agronomic yields and exhibits a moderate tolerance to powdery mildew. Warrior is characterized by a low cohumulone content and very good storage stability.

<table>
<thead>
<tr>
<th>Pedigree</th>
<th>No information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aroma</td>
<td>Very mild</td>
</tr>
<tr>
<td>Alpha Acids*</td>
<td>14.5 - 16.5 %</td>
</tr>
<tr>
<td>Beta Acids</td>
<td>4.3 - 5.3 %</td>
</tr>
<tr>
<td>Cohumulone</td>
<td>22 - 26 % of alpha acids</td>
</tr>
<tr>
<td>Total Oil</td>
<td>1.3 - 1.7 ml/100g</td>
</tr>
<tr>
<td>Myrcene</td>
<td>40 - 50 % of total oil</td>
</tr>
<tr>
<td>Humulene</td>
<td>15 - 19 % of total oil</td>
</tr>
<tr>
<td>Caryophyllene</td>
<td>9 - 11 % of total oil</td>
</tr>
<tr>
<td>Farnesene</td>
<td>&lt; 1 % of total oil</td>
</tr>
<tr>
<td>Storage Stability</td>
<td>Very good</td>
</tr>
</tbody>
</table>

* Alpha acids are determined by conductometric titration (EBC 7.4) in Europe; by spectrophotometric (ASBC Hops-6) in USA