




## COLUMBUS

<b>PEDIGREE</b>	<b>DAUGHTER OF NUGGET</b>
<b>AROMA/FLAVOR</b>	<b>AROMATIC, PUNGENT</b>
<b>ALPHA ACIDS</b>	<b>15.0 - 17.0%</b>
<b>BETA ACIDS</b>	<b>4.5 - 5.0%</b>
<b>COHUMULONE</b>	<b>28 - 32% OF ALPHA ACIDS</b>
<b>TOTAL OIL</b>	<b>2.5 - 3.5 ML/100G</b>
<b>MYRCENE</b>	<b>50 - 60% OF TOTAL OIL</b>
<b>HUMULENE</b>	<b>12 - 18% OF TOTAL OIL</b>
<b>CARYOPHYLLENE</b>	<b>9 - 11% OF TOTAL OIL</b>
<b>FARNESENE</b>	<b>&lt;1% OF TOTAL OIL</b>

DESCRIPTION
<p><b>THE CURRENT SUPER-HIGH ALPHA VARIETIES, WHICH INCLUDES COLUMBUS, HAVE THE SAME FEMALE PARENT AS NUGGET, MAKING THEM AT LEAST HALF-SISTERS TO NUGGET. SUPER-HIGH ALPHA VARIETIES ARE CURRENTLY USED EXTENSIVELY FOR BEER BITTERING.</b></p>

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