



## Hopunion CBS, LLC

### NZ ORGANIC HALLERTAU

<b>Pedigree</b>	Triploid bred from Hallertau Mittlefrüh
<b>Maturity</b>	Early season
<b>Yield</b>	2650 kgs./ha. or 2336 lb./ac.
<b>Growth Habit</b>	Fairly vigorous
<b>Disease/Pest Susceptibility</b>	No real disease problems
<b>Pickability/Drying/Baling</b>	Normal
<b>Cone-Structure</b>	Dense cluster
<b>Lupulin</b>	Plentiful
<b>Aroma</b>	Nice resiny, citrusy characteristic
<b>Alpha Acids</b>	7 – 9% w/w
<b>Beta Acids</b>	6 – 6.5% w/w
<b>Co-Humulone</b>	35% of alpha acids
<b>Storageability</b>	Very good
<b>Total Oil</b>	0.9 – 1.1 mls/100 grams
<b>Myrcene</b>	45 – 48% of whole oil
<b>Humulene</b>	10 – 12% of whole oil
<b>Caryophyllene</b>	6% of whole oil
<b>Farnesene</b>	5% of whole oil
<b>General Trade Perception</b>	Commonly used for aroma variety.
<b>Possible Substitutions</b>	Unknown
<b>Typical Beer Styles</b>	Mainly used for organic beers
<b>Additional Information</b>	Available in limited quantities. New crop availability in March.
<b>Personal Notes:</b>	