



## Hopunion CBS, LLC

### UK TARGET

<b>Pedigree</b>	A second generation selection from Northern Brewer by a male seedling of English Goldings.
<b>Maturity</b>	Late season
<b>Yield</b>	1500 – 2000 kg./ha. or 1350 – 1800 lb./ac.
<b>Growth Habit</b>	Difficult to train but then quite vigorous and high yielding
<b>Disease/Pest Susceptibility</b>	Tolerant to Verticillium wilt and resistant to powdery mildew. Sensitive to downy mildew.
<b>Pickability/Drying/Baling</b>	Good
<b>Cone-Structure</b>	Smallish plump, but very tight cone
<b>Lupulin</b>	Abundant and medium yellow in color
<b>Aroma</b>	Pleasant English hop aroma, quite intense
<b>Alpha Acids</b>	9.5 – 12.5% w/w
<b>Beta Acids</b>	5 – 5.5% w/w
<b>Co-Humulone</b>	29 – 35% of alpha acids
<b>Storageability</b>	45 – 55% alpha acids remaining after 6 months storage at 20° C
<b>Total Oil</b>	1.6 – 2.6 mls/100 grams
<b>Myrcene</b>	45 – 55% of whole oil
<b>Humulene</b>	17 – 22% of whole oil
<b>Caryophyllene</b>	8 – 10% of whole oil
<b>Farnesene</b>	<1% of whole oil
<b>General Trade Perception</b>	A good high alpha variety with an acceptable to desirable kettle hop aroma.
<b>Possible Substitutions</b>	Fuggle, Willamette
<b>Typical Beer Styles</b>	All Ales and Lagers
<b>Additional Information</b>	The predominant UK variety at present and widely used for its high alpha acids content combined with an acceptable aroma. Normally used for bittering.
<b>Personal Notes:</b>	