



Hopunion CBS, LLC

GR TRADITION

Pedigree	A close descendent of Hallertau Mittlefrüh, bred for disease resistance at the Hüll Hop Research Institute in Germany.
Maturity	Medium early
Yield	1750 – 2000 kg./ha. or 1560 – 1780 lb./ac.
Growth Habit	Vigorous grower with long laterals
Disease/Pest Susceptibility	Resistant to both Verticillium wilt and downy mildew.
Pickability/Drying/Baling	Good
Cone-Structure	Medium-sized, quite tight cone
Lupulin	Moderate amount, pale yellow
Aroma	Very fine, similar to German Hallertau
Alpha Acids	5 – 7% w/w
Beta Acids	4 – 5% w/w
Co-Humulone	26 – 29% of alpha acids
Storageability	Good alpha acids remaining after 6 months storage at 20° C
Total Oil	1.0 – 1.4 mls/100 grams
Myrcene	20 – 25% of whole oil
Humulene	45 – 55% of whole oil
Caryophyllene	10 – 15% of whole oil
Farnesene	<1% of whole oil
General Trade Perception	Only recently released so too early for general consensus. Brew to replace Hersbrucker in German grown areas.
Possible Substitutions	Liberty, German Hallertau
Typical Beer Styles	Lager, Pilsner, Bock, Wheat, Weizen
Additional Information	Released in 1991 and undergoing expansion in German growing areas.
Personal Notes:	