



Hopunion CBS, LLC

GR SELECT

Pedigree	Bred from Hallertauer Mittelfrüh and Spalt as a disease resistant Spalt type. Originated from Hüll Research Institution.
Maturity	Medium late
Yield	1850 – 2100 kg./ha. or 1650 – 1875 lb./ac.
Growth Habit	Vigorous grower with large head of long laterals
Disease/Pest Susceptibility	Resistant to both Verticillium wilt and downy mildew
Pickability/Drying/Baling	Difficult if over vigorous
Cone-Structure	Smallish tight and quite dark cone
Lupulin	Moderate amounts, mid to deep yellow in color
Aroma	Very fine Spalter type aroma
Alpha Acids	4 – 6% w/w
Beta Acids	3.5 – 4.5% w/w
Co-Humulone	21 – 25% of alpha acids
Storageability	Good
Total Oil	0.5 – 1.0 mls/100 grams
Myrcene	15 – 25% of whole oil
Humulene	15 – 25% of whole oil
Caryophyllene	7 – 11% of whole oil
Farnesene	15 – 25% of whole oil
General Trade Perception	Too early for general consensus but bred to be like the Spalt/Tettnang/Saaz group
Possible Substitutions	US Saaz, US Tettnang, German Spalt, German Tettnang, German Hersbrucker
Typical Beer Styles	Lager, any beer where noble aroma is wanted (i.e. Pilsner)
Additional Information	Released in 1991 and seeing some limited expansion in German growing areas.
Personal Notes:	