

US MAGNUM

Pedigree Bred at the Hop Research Institute in Hüll (Germany)

Maturity Late

Yield 1900 - 2000 kg./ha. or 1340 - 1700 lb./ac.

Growth Habit Good

Disease/Pest Susceptibility Good resistance to wilt and downy mildew, susceptible to powdery mildew.

Pickability/Drying/Baling Below average

Cone-Structure Large cone

Lupulin Plentiful

Aroma No real distinct aroma character, so is viewed favorably as a clean bittering hop.

Alpha Acid 12 - 14% w/w

Beta Acid 4.5 - 6% w/w

Cohumulone 24 - 28% of alpha acids

Storageability Very good alpha acids remaining after 6 months storage at 20°C

Total Oil 1.9 - 2.3 mls/100 grams

Myrcene 30 - 35% of whole oil

Humulene 34 - 40% of whole oil

Carophyllene 8 - 12% of whole oil

Farnesene <1% of whole oil

General Trade Perception Gaining increasing acceptance as a clean bittering hop.

Possible Substitutions German Magnum, possibly Horizon

Typical Beer Styles Good bittering hop for all Ales and Lagers

Additional Information Limited acreage in the US, but widely grown in Germany.

Typical Hop Use Bittering



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