

US CRYSTAL

Pedigree A triploid variety developed from the German Hallertau aroma hop variety with primary contributions from Cascade, Brewer's Gold and Early Green. Released in 1993 to the hop industry.

Maturity Mid-season

Yield 1350 - 2250 kg./ha. Or 1200 - 2000 lb./ac.

Growth Habit A fairly strong growing hop

Disease/Pest Susceptibility Somewhat susceptible to downy mildew.

Pickability/Drying/Baling Good

Cone-Structure Medium-sized fairly neat cone

Lupulin Moderately abundant, normal yellow color

Aroma Mild, spicy & flowery

Alpha Acid 3.5 - 5.5% w/w

Beta Acid 4.5 - 6.5% w/w

Cohumulone 20 - 26% of alpha acids

Storageability 50% alpha acids remaining after 6 months storage at 20°C.

Total Oil 1.0 - 1.5 mls/100 grams

Myrcene 40 - 65% of whole oil

Humulene 18 - 24% of whole oil

Carophyllene 4 - 8% of whole oil

Farnesene <1% of whole oil

General Trade Perception Very popular in the craft-brewing industry. Viewed as the most pungent of the new triploid Hallertau family of hops.

Possible Substitutions Mt. Hood, Hersbruck, French Strisselspalt, Liberty, Hallertau

Typical Beer Styles Pilsner, Lager, Kvlsch, ESB, Alt, Belgian-Style Ales

Additional Information Primarily grown in Oregon. Acreage is increasing. Released in the 1990's.

Typical Hop Use Aroma



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