



Specialty Malts that Make Your Beer So Special

ORGANIC MAGNUM



BREWING QUALITY

Very high bitter value and good bitter quality. Used in Lagers, Pilsner types, Stout, Ales.



ORIGIN / HISTORY

Bred in 1980 at Huell, the German Hop Research Institute.

AGRONOMICS

Good resistance to wilt and peronospora, low resistance to powdery mildew.

ACID COMPONENTS

Alpha Acids	11.0 – 15.5 % w/w
Beta Acids	5.0 – 7.0 % w/w
Cohumulone	21.0 – 29.0 % of alpha acids

Type T90 Hop Pellets



OIL COMPONENTS

Total Oil	1.6 – 2.6 mls/100 grams
Caryophyllene	8.0 – 13.0 % of whole oil
Farnesene	<1.0 % of whole oil
Humulene	30.0 – 45.0 % of whole oil
Myrcene	30.0 – 45.0 % of whole oil

Type Leaf Hops



Possible Substitutions: Organic Pilgrim, Target



Castle Malting - True Brewers know why!

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