



Belgian Malts that Make Your Beer So Special

PIONEER

BREWING QUALITY

The variety has proved to be quite unusual with a very pleasant, lemon, citrus aroma. Initial brews have proved to be very successful with very distinctive, hoppy characteristics.



ORIGIN / HISTORY

UK origin. A sister to the new English Herald hop and distantly related to Wye Yeoman.

AGRONOMICS

Pioneer is resistant to powdery mildew, and has moderate resistance to verticillium wilt and downy mildew.

ACID COMPONENTS

Alpha Acids	9 - 12% w/w
Beta Acids	3.5 – 4.0% w/w
Cohumulone	37% of alpha acids

T90 Hop Pellets



OIL COMPONENTS

Total Oil	0.8 - 1.8 mls/100 grams
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Possible Substitutions: Brewer's Gold, East Kent Goldings



Castle Malting - True Brewers know why!