

# BRAMLING CROSS

## VARIETY INFORMATION



[www.hopsteiner.com](http://www.hopsteiner.com)

### Genetic Origin

Bred at Wye in the 1920's from a Bramling (a traditional Golding variety) and a male seedling of the Manitoban wild hop.

### Agronomic Aspects

#### Growing

Classification	Aroma
Yield (kg/ha)	1,700 - 1,900
Maturity	Early
Main growing country	UK

#### Resistance against Diseases

Wilt diseases	Tolerant
Downy mildew	Susceptible
Powdery mildew	Susceptible

### Chemical Ingredients

#### Bitter Components

Alpha acid %	5.0 - 7.0
Beta acid %	2.0 - 3.5
Cohumulone % rel.	33 - 35
Hard resins : alpha acid	0.28 - 0.44

#### Polyphenoles

Xanthohumol	0.1 - 0.2
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#### Aroma Components

Total oils (ml/100g)	0.7 - 1.0
Beta-caryophyllene: Humulene	0.50
Farnesene % of total oil	0.0 - 1.0

### Aroma Evaluation (Smell of Raw Hops, 0-5)

Aroma Specification	grapefruit, vanilla, gooseberry			
Fruity	■			
Floral	■			
Citrusy	■	■	■	
Spicy	■	■		
Earthy / resinous				
Herbal	■	■		
Sugar-like				

### Substitutes

Brewhouse	Dry Hopping
Whitbread Golding Variety	Whitbread Golding Variety

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**Hopsteiner**

COMMITTED TO THE BREWER