



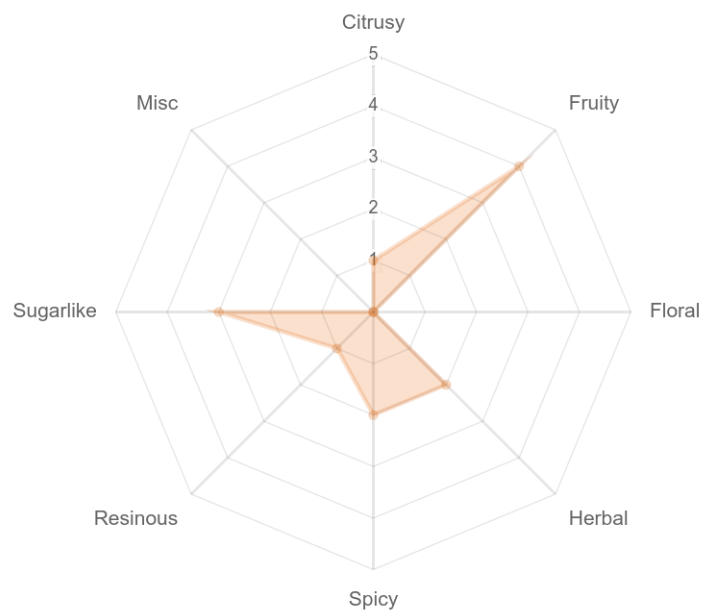
## SOVEREIGN

Fruity

Sugarlike

**Genetic Origin:** Dwarf variety recently developed at Wye Hops Ltd. by Peter Darby; noticeable for its very high ratio of cones to leaf at harvest.

## AROMA EVALUATION



Rated by the smell of raw hops on a 0-5 scale

## AROMA DESCRIPTION

Fruity, pear, sweet

## AGRONOMIC ASPECTS

### GROWING

Yield (kg/ ha)	1500 - 1750
Maturity	mid early to late
Main growing country	United Kingdom

### RESISTANCE AGAINST DISEASES

Downey mildew	tolerant
Powdery mildew	tolerant

## INGREDIENTS

### BITTER COMPONENTS

Alpha acids %	5.0 - 6.0
Beta acids %	2.2 - 2.4
Co-humulone % rel.	27 - 29

### POLYPHENOLS

Xanthohumol %	0.2 - 0.4
---------------	-----------

### AROMA COMPONENTS

Total oil (ml/100g)	0.6 - 0.8
Farnesene % rel. of total oil	3.40 - 3.80
Linalool % rel. of total oil	0.4 - 0.7

Last updated: 22/07/2024

Simon H. Steiner, Hopfen, GmbH  
Mainburg, Germany  
Email: [info@hopsteiner.de](mailto:info@hopsteiner.de)  
Phone: +49 (0) 8751 8605 0

S.S. Steiner Inc.  
New York, USA  
Email: [sales@hopsteiner.com](mailto:sales@hopsteiner.com)  
Phone: +(1) 212 838 8900

Steiner Hops Ltd.  
Guildford, England  
Email: [enquiries@hopsteiner.co.uk](mailto:enquiries@hopsteiner.co.uk)  
Phone: +(44) 1992 572331

Hopsteiner Trading (Zhuhai) Co.,  
Ltd.  
Zhuhai, PRC  
Email: [info@hopsteiner.com.cn](mailto:info@hopsteiner.com.cn)  
Phone: +(86) 756 322 3340