

CASCADE

VARIETY INFORMATION



Gentic Origin

Open pollinated of a Fuggle seedling, itself derived from crosses between Fuggle and the Russian hop Serebrianka.

Agronomic Aspects

Growing

Classification	Aroma
Yield (kg/ha)	1,600 - 2,200
Maturity	Medium Early
Main Growing Country	USA
Acreage (ha)	2584

Resistance against Diseases

Wilt diseases	Tolerant
Downy mildew	Resistant
Powdery mildew	Tolerant

Chemical Ingredients

Bitter Components

Alpha-Acid %	4.5 - 7
Beta-Acid %	4.5 - 7
Co-Humulone % rel.	33 - 40
Hard Resins : Alpha-Acid	0.27 - 0.56

Polyphenoles

Xanthohumol (EBC 7.7)	0.1 - 0.2
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Aroma Components

Total Oils (ml/100g)	0.8 - 1.5
Beta-Caryophyllen: Humulene	0.32
Farnesen % of total Oil	4 - 8
Linalool % of total Oil	0.4 - 0.6
Linalool: Alpha-Acid	0.09 - 0.1

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

Aroma Specification	fruity, citrusy, herbal				
Fruity	■	■	■	■	■
Floral	■	■	■	■	■
Citrusy	■	■	■	■	■
Spicy	■	■	■	■	■
Earthy / Resinous	■	■	■	■	■
Herbal	■	■	■	■	■
Sugar-like	■	■	■	■	■

Substitutes

Brewhouse	Dry Hopping
Centennial, Lemondrop	Centennial, Lemondrop

www.hopsteiner.com

Simon H. Steiner, Hopfen, GmbH

Auhofstraße 18 | D-84048 Mainburg, Germany
Tel +49 (0) 87 51-86 05-0 | Fax +49 (0) 87 51-86 05-80
E-mail info@hopsteiner.de

S.S. Steiner, Inc.

655 Madison Avenue, New York, N.Y., 10065, USA
Tel +1 212 838-8900 | Fax +1 212 593-4238
E-mail sales@hopsteiner.com

Steiner Hops Limited

319 A High Street, Epping, Essex CM16 4DA, England
Tel +44 (0) 1992 572 331 | Fax +44 (0) 1992 573 780
E-mail enquiries@hopsteiner.co.uk

Steiner Asia

Hopsteiner Trading (Zhuhai) Co., Ltd.
Suite 15 C, Jiu Chang Building, No. 8, Hai Zhou Road, Ji Da District,
Zhuhai, Guangdong, China 519015
Tel +86 756 322-3340 | Fax +86 756 322-3345
E-mail info@hopsteiner.com.cn


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