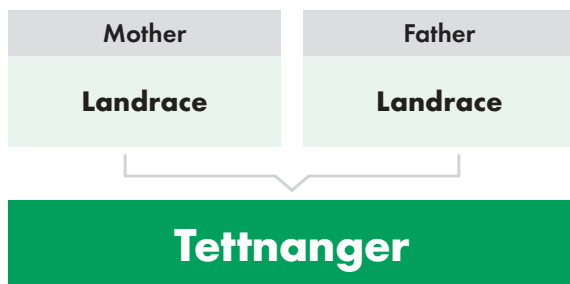


Tettnanger

Tettnanger is a traditional landrace variety with an extremely fine, delicate aroma. It belongs to the Saaz landrace group. Grown exclusively in the Tettngang region, this variety represents more than 50% of the hops cultivated in this area. The delicate, spicy hop aroma and medium-intensity, harmonious bitterness make Tettnanger hops ideally suited for premium-quality pilsner beers. Tettnanger hops are frequently used as the last addition in the brewhouse.



Analytical Values

Bitter Substances

α -acid [EBC 7.4]	3.7 % w/w
β -acid [EBC 7.7]	5.2 % w/w
β/α [EBC 7.7]	1.4
Co-Humulone [EBC 7.7]	25 % rel.

Aroma Substances

Total Oil [EBC 7.10]	0.60 ml/100 g
Myrcene [GC-FID]	81 mg/100 g
β -Caryophyllene [GC-FID]	16 mg/100 g
Farnesen [GC-FID]	37 mg/100 g
α -Humulene [GC-FID]	60 mg/100 g
Σ Hydrocarbon fraction [GC-FID]	204 mg/100 g
Linalool [GC-FID]	4 mg/100 g
Geraniol [GC-FID]	2 mg/100 g
Geranyl acetate [GC-FID]	0 mg/100 g
2-methylbutyl 2-methylpropanoate [GC-FID]	1 mg/100 g
Σ Oxygen fraction [GC-FID]	36 mg/100 g
Σ Monoterpene alcohols and esters [GC-FID]	7 mg/100 g
Σ Propanoate [GC-FID]	1 mg/100 g
Σ unsaturated esters [GC-FID]	2 mg/100 g
Σ Esters [GC-FID]	6 mg/100 g
Σ Sesquiterpene alcohols [GC-FID]	7 mg/100 g
Σ Ketone [GC-FID]	12 mg/100 g
Σ Hydrocarbon fraction + Oxygen fraction [GC-FID]	240 mg/100 g

Polyphenols

Polyphenols [EBC 7.14]	5.2 % w/w
Σ Low-molecular polyphenols [EBC 7.7]	10763 mg/l
Xanthohumol [EBC 7.7]	0.29 % w/w

Tettnanger



Usage in Brewing

Often Used

	rarely	medium	frequently
Boil – Beginning	██████████		
Boil – Midpoint			██████████
Boil – End & Whirlpool			██████████
Dry Hopping	██████████		

Recommended Beer Styles

	rarely	medium	frequently
Lager			██████████
Ale		██████████	
Heavily dry-hopped beers	██████████		
Dark Beer		██████████	
Wheat Beer	██████████		
Belgian Origin Styles			██████████

Agronomic Aspects

Climate Tolerance		low	medium	high	
Plant Health	low	medium	good	very good	
Maturity	early	medium early	medium	medium late	late
Storage Stability		low	medium	high	