

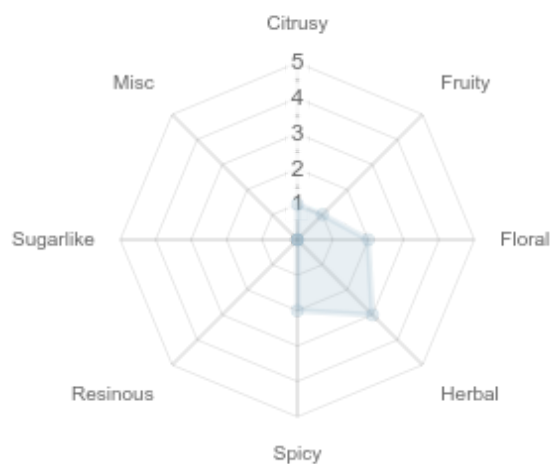


# SPALTER

Herbal

**Genetic Origin:** A landrace variety originating in Germany.

## AROMA EVALUATION



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

## AROMA DESCRIPTION

Pine, vanilla, tea

## AGRONOMIC ASPECTS

### GROWING

Yield (kg/ ha)	1000 - 1300
Maturity	early
Acreage (ha)	121
Main growing country	Germany

### RESISTANCE

#### AGAINST DISEASES

Wilt disease	resistant
Downey mildew	susceptible
Powdery mildew	resistant
Aphid	susceptible

## INGREDIENTS

### BITTER COMPONENTS

Alpha acids %	2.5 - 5.5
Beta acids %	3.0 - 5.0
Co-humulone % rel.	22 - 29

### POLYPHENOLS

Total polyphenols %	5.3
Xanthohumol %	0.2 - 0.3

### AROMA COMPONENTS

Total oil (ml/100g)	0.5 - 1.0
Farnesene % rel. of total oil	12.00 - 18.00
Linalool % rel. of total oil	0.5 - 0.8

## SUBSTITUTES

### BREWHOUSE

Tettnanger Saazer Lubelski (Lublin)  
Hersbrucker Spät

### DRY HOPPING

Tettnanger Saazer Lubelski (Lublin)