



*Belgian Malts that Make Your Beer So Special*

## **SOVEREIGN**

### **BREWING QUALITY**

Sovereign is a new English hop cultivar, also known as TA200. Sovereign is considered to have similar characteristics to other English noble hop varieties such as Fuggles. Its aroma characteristics could be described as soft, earthy, and slightly floral. Suitable for any traditional English beer styles.



### **ORIGIN / HISTORY**

UK origin.

### **AGRONOMICS**

Tolerant to Verticillium wilt, downy mildew and Peronspera.

### **ACID COMPONENTS**

Alpha Acids	4 – 7% w/w
Beta Acids	6.2% w/w
Cohumulone	25.8% of alpha acids

**Type T90 Hop Pellets**



### **OIL COMPONENTS**

Total Oil	0.5 – 0.9 mls/100 grams
Caryophyllene	12.89% of whole oil
Farnesene	0.059% of whole oil
Humulene	36.24% of whole oil
Myrcene	32.08% of whole oil

**Type Leaf Hops**



**Possible Substitutions:** UK Fuggles, Goldings



# **Castle Malting - True Brewers know why!**