

# CTZ

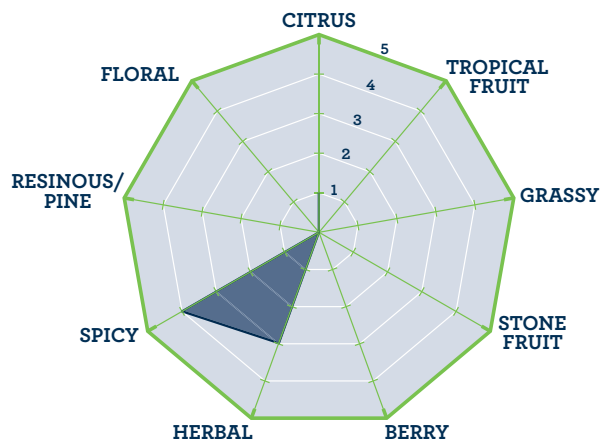
## American



**Origin:** Washington, USA. The collective umbrella for the closely-related varieties Columbus, Tomahawk, and Zeus. Bred for high alpha potential, each variety shares parentage with Nugget.

**Usage:** Excellent bittering capability as originally intended, but craft brewers have also harnessed CTZ's intense, citrus-and-spice pungence for American-style IPAs.

**Aroma & Flavor Characteristics:** Powerful and striking, displaying oily fresh citrus and wild herbal character; dry hopping can bring out pine and spice.



### SENSORY HIGHLIGHTS

**Citrus**  
**Herbal**  
**Pine**  
**Spice**



### BREWING VALUES

Alpha Acid Range: 14.5 - 16.5%  
Beta Acid Range: 4.0 - 5.0%  
Co-Humulone as % of alpha: 28 - 32  
Total oils mL/100 gr.: 2.0 - 3.0

### OIL FRACTIONS

Myrcene: 45 - 55%  
Humulene: 8 - 15%  
Caryophyllene: 5 - 10%  
B-Pinene: 0.5 - 1.0%  
Linalool: 0.5%



### AGRONOMIC DATA

Maturity: Late  
Yield: 2,500 - 2,700 lbs/acre

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