

# CASCADE



from Australia

## CHARACTERISTICS

Classic citrusy, spicy, floral aroma with distinct notes of grapefruit. Its versatility means addition times and dose rates will vary based on beer style.

## FLAVOUR PROFILE

Citrus, Grapefruit, Floral, Spice

## ANCESTRY

Cascade was developed by the U.S.D.A. breeding program based in Oregon. Its ancestry is the result of a cross pollination of Fuggle, Serebrianka and Native American hops.

## RECOMMENDED BEER STYLES

WCIPA, APA, Lager

## ANALYTICAL DATA

Cultivation Area	Australia
Ancestry	Fuggle, Serebrianka and Native American
Alpha Acids (%)	6.4 - 8.6
Beta Acids (%)	5.4 - 7.0
Alpha/Beta Ratio	1.0 - 1.4
Cuholmone (% of alpha acids)	33.0 - 38.0
Total Oils (ml/100g)	0.6 - 1.1
Oil Concentration (microlitres of oil/g alpha)	92.0 - 196.0
Myrcene (% of whole oil)	21.0 - 49.0
Linalool (% of whole oil)	0.1 - 0.6
Caryophyllene (% of whole oil)	5.8 - 9.4
Farnesene (% of whole oil)	8.1 - 10.3
Humulene (% of whole oil)	15.3 - 30.1
Selinene (% of whole oil)	1.5 - 3.2
Humulene/Caryophyllene Ratio	2.7 - 3.2

