

# NZ Chinook



Notes of strong grapefruit define this hop. Huge northern mountain pine and resin notes are extremely present. High alpha content delivers potent, yet smooth bitterness levels that contribute to highly desirable American IPA flavours.



**Grapefruit**



**Pine**



**Citrus**



**Herbal**

# NZ Chinook

New Zealand grown US cultivar with big grapefruit character and pine notes.

## BREWER INSIGHTS

"We love NZ Chinook. It is featured in our most popular beer, The Wellingtonian NZIPA and packs plenty of punch. Big grapefruit character with a pinch of pine. Can be an all purpose hop but we try to maximise the flavours by using them at the whirlpool and dry hopping stages. It's a great all round hop with some distinct differences to it's US grown Chinook. Great for most hop forward styles."

**DALE COOPER**  
HEAD BREWER, FORTUNE FAVOURS, NZ

## APPLICATIONS

NZ Chinook hops are noted for their higher Geraniol content, which is biotransformed by yeast into Citronellol a highly-sought-after aroma compound in fruit-forward IPAs. A distinctive alpha variety that has morphed into a dual-purpose hop commonly used in classic West Coast style IPAs.

## BREEDING

Developed by the USDA breeding program in Washington State and released in 1985 as a high alpha bittering variety, NZ Chinook is a cross between Petham Golding and a USDA male. In recent years, it has found favor as a dual purpose hop in the craft brewing community as a result of its spice and pine aroma characteristics.

## HOP DATA

Trait %	Mean	Range
Alpha Acids	12.5	10.5-14
Beta Acids	5.1	4.9-5.2
Cohumulone	33	32-35
Total oils	1.7	1.1-2.5
Myrcene	42.6	36.9-52.1
Caryophyllene	7.2	5.7-9.8
Farnesene	0.2	0.1-0.3
Humulene	15.8	12.1-21.7
B-pinene	0.6	0.3-0.7
Linalool	0.7	0.4-1.1
Geraniol	2.5	0.7-3.5
Floral-estery products <sup>a</sup>	3.9	1.9-4.9
Citrus-piney products <sup>b</sup>	8.7	6.8-11.2

<sup>a</sup> Linalool, geraniol, geranyl isobutyrate, geranyl acetate.

<sup>b</sup> Cadinene, limonene, muurolene, selinene

## HOP AROMA PROFILE

