



Hopunion CBS, LLC

US CHINOOK

Pedigree	From a cross between Petham Golding and a USDA-selected male with high alpha acids and good storage properties.
Maturity	Mid to late season
Yield	2000 – 2500 kg./ha. or 1780 – 2230 lb./ac.
Growth Habit	Good
Disease/Pest Susceptibility	Tolerant to infection with Prunus necrotic ring-spot virus, moderately resistant to downy mildew. Not excessively sensitive to insects.
Pickability/Drying/Baling	Good
Cone-Structure	Long, medium-compact with turned outward petals
Lupulin	Abundant and yellow-orange color
Aroma	Medium intensity, spicy, piney, distinctive grapefruit
Alpha Acids	12.0 – 14.0% w/w
Beta Acids	3.0 – 4.0% w/w
Co-Humulone	29 – 34% of alpha acids
Storageability	65 – 70% alpha acids remaining after 6 months storage at 20° C
Total Oil	1.5 – 2.5 mls/100 grams
Myrcene	35 – 40% of whole oil
Humulene	20 – 25% of whole oil
Caryophyllene	9 – 11% of whole oil
Farnesene	<1% of whole oil
General Trade Perception	A high alpha-acids hop with an acceptable aroma profile.
Possible Substitutions	Nugget, Columbus, Northern Brewer, Wye Target, possibly Centennial
Typical Beer Styles	US Style Pale Ale, IPA, Stout, Porter, Barley Wine, Lager (Bittering)
Additional Information	Released in the US industry in 1985 and becoming increasingly popular with craft-brewers.
Personal Notes:	