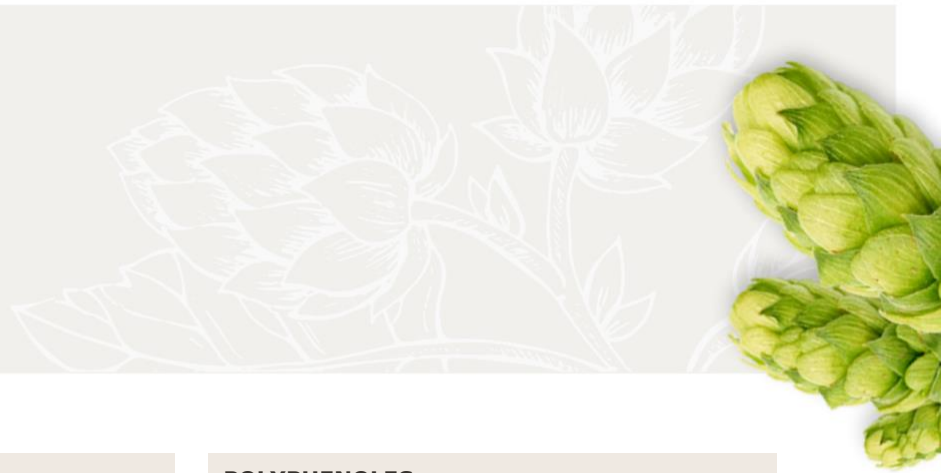


ZEUS

Black Pepper, Onion, Light Citrus



QUICK SPECS

GENETIC ORIGIN	A super high alpha variety developed in the Yakima valley as part of the Hopsteiner breeding program
YIELD (KG/HA)	2,680 - 3,000
YIELD (LBS/ACRE)	2,700 - 3,150
MATURITY	Late
MAIN GROWING COUNTRY	USA
ACREAGE (HA)	1432

RESISTANCE AGAINST DISEASES

APHID	Susceptible
POWDERY MILDEW	Susceptible

CHEMICAL INGREDIENTS – BITTER COMPONENTS

ALPHA ACID	15.0 - 17.0%
BETA ACID	4.0 - 6.0%
CO-HUMULONE	27 - 35%
HARD RESINS: ALPHA-ACID	0.18 - 0.50

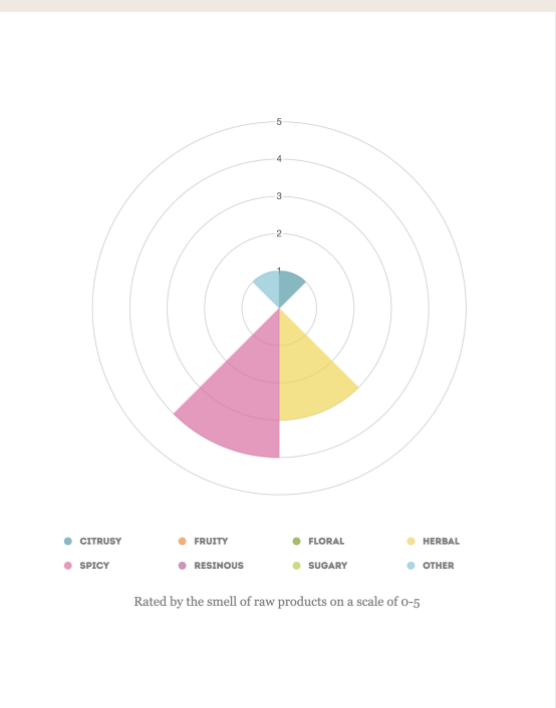
CHEMICAL INGREDIENTS – AROMA COMPONENTS

TOTAL OILS	2.5 - 3.5 ml/100g
BETA-CARYOPHYLLENE: HUMULENE	0.57%
LINALOOL % OF TOTAL OIL	0.4 - 0.6%
LINALOOL: ALPHA-ACID	0.03 - 0.04%
FARNESENE % OF TOTAL OIL	0.00 - 1.00%

POLYPHENOLES

XANTHOHUMOL (EBC 7.7)	0.5 - 0.9%
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AROMA EVALUATION



VICTORIA (HEAD OFFICE)
(03) 9872 6811

WESTERN AUSTRALIA
(08) 9395 7399