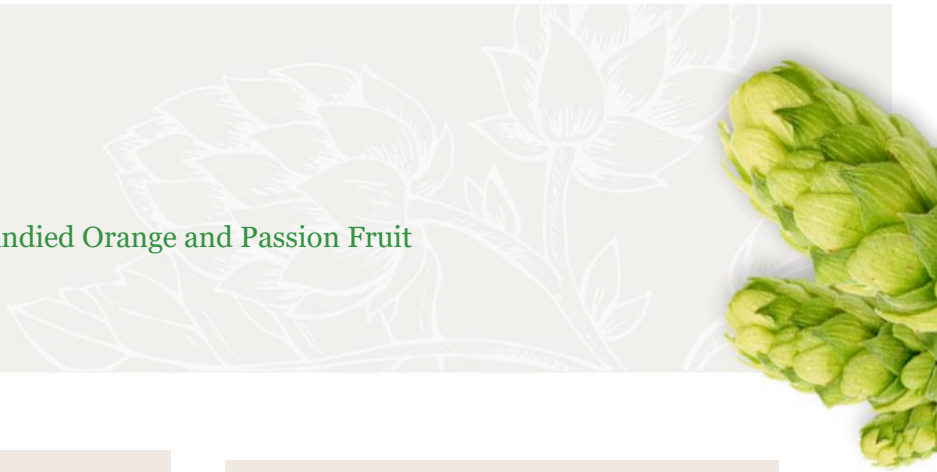


ASTRA™

White Wine, Sweet Tropical Fruits, Candied Orange and Passion Fruit



QUICK SPECS

GENETIC ORIGIN	Ellerslie breeding program
YIELD (KG/HA)	2100 - 2600
YIELD (LBS/ACRE)	900 - 1100
MAIN GROWING COUNTRY	Australia

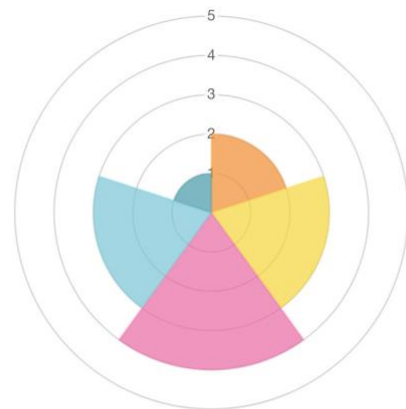
CHEMICAL INGREDIENTS – BITTER COMPONENTS

ALPHA ACID	7.0 - 10.0%
BETA ACID	4.0 - 6.0%
CO-HUMULONE % REL	26.0 - 28.0%

CHEMICAL INGREDIENTS – AROMA COMPONENTS

TOTAL OILS	1.0 - 3.0 ml/100g
HUMULONE & ADHUMULONE	6.0 - 8.0%
COHUMULONE	2.3 - 2.5%

AROMA EVALUATION



- SPICY
- CITRUSY
- SUGARY
- FRUITY
- RESINOUS

Rated by the smell of raw products on a scale of 0-5



VICTORIA (HEAD OFFICE)
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WESTERN AUSTRALIA
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