



# HBC 630

## EXPERIMENTAL

### VARIETY OVERVIEW SHEET



#### SENSORY

#### DESCRIPTION

Currently in the Elite Trials stage of the breeding program, HBC 630 is a granddaughter of Warrior® Brand YCR 5 resulting from a cross made in 2008. It was selected for its moderately high alpha, low cohumulone and distinct aroma. The best way to describe HBC 630 is fruity. It presents pronounced citrus and tropical aroma notes.

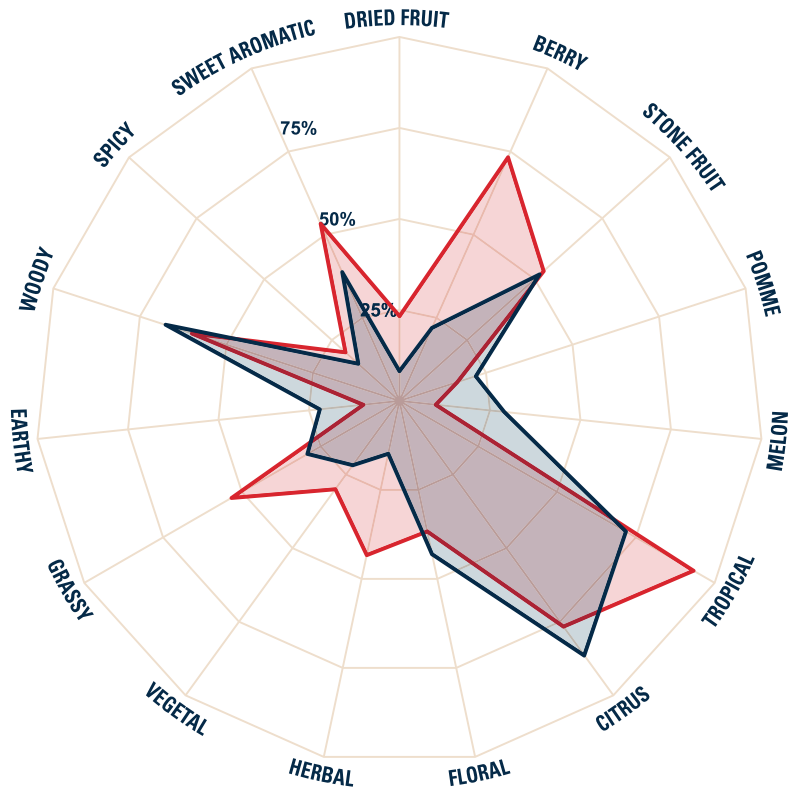
#### HOP AROMA PROFILE

**TROPICAL • CITRUS • BERRY**  
**WOODY • STONE FRUIT**



#### BEER AROMA PROFILE

**CITRUS • TROPICAL • WOODY**  
**STONE FRUIT • FLORAL**



— Hop Sensory 2022 — Beer Sensory 2021\*

\*The beer was a Pale Ale style beer dry hopped with 1.5 lb/bbl of HBC 630 pellets. All samples were evaluated by the YCH sensory panel.

#### TECHNICAL SPECIFICATIONS

#### TYPICAL BREWING VALUES

##### ALPHA ACIDS (20-26% COHUMULONE)



**13 - 15 %**

##### BETA ACIDS



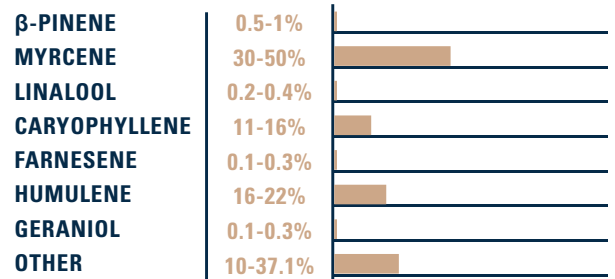
**5 - 7 %**

##### TOTAL OIL



**1 - 3 mL/100g**

#### TOTAL OIL BREAKDOWN (% of total oil)





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#### SURVIVABLE COMPOUNDS

##### BREAKDOWN (PPM of total oil)

- ISOBUTYL ISOBUTYRATE - 21.4 PPM**  
**ESTER**  
FRUITY, PINEAPPLE, GRAPE SKIN, BANANA, TROPICAL
- LINALOOL - 73.7 PPM**  
**MONOTERPENE ALCOHOL**  
FRUITY, FLORAL
- ISOAMYL ISOBUTYRATE - 59.1 PPM**  
**ESTER**  
FRUITY, SWEET, TROPICAL

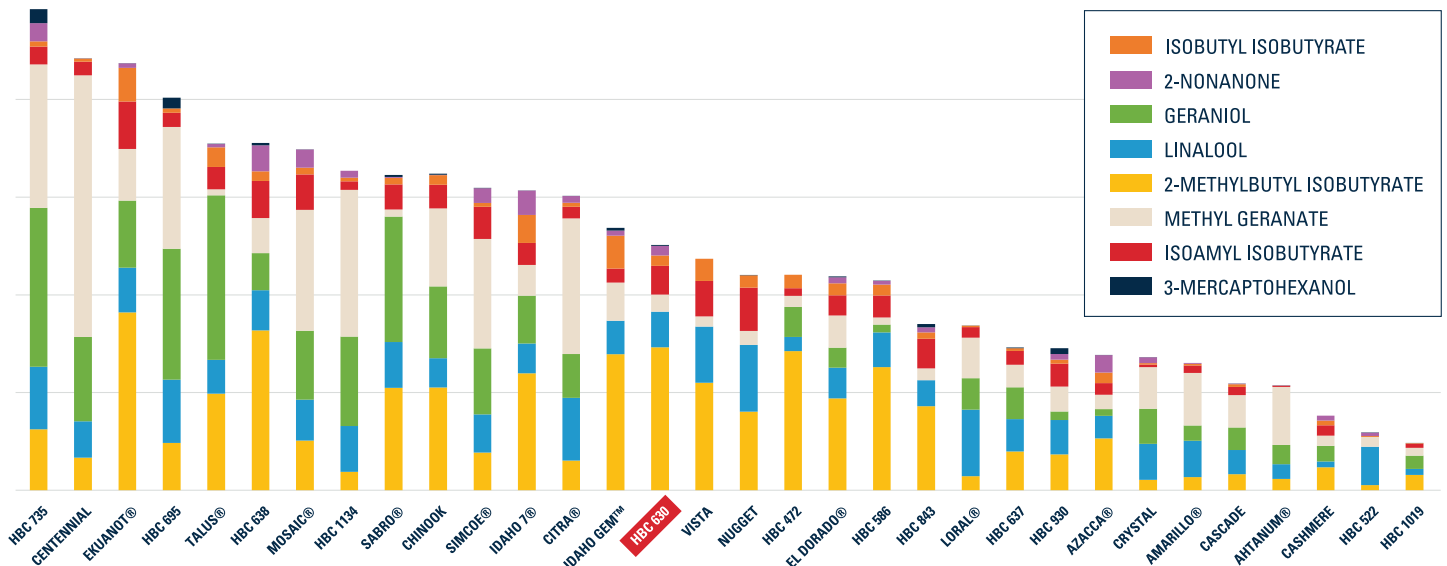
- 2-NONANONE - 19.8 PPM**  
**KETONE**  
SWEET & FRUITY OR CHEESY, BUTTERY, WAXY
- 2-METHYLBUTYL ISOBUTYRATE - 294.6 PPM**  
**ESTER**  
FRUITY, APRICOT
- 3-MERCAPTOHEXANIOL - 1.9 PPM**  
**POLYFUNCTIONAL THIOL**  
GRAPEFRUIT, TROPICAL

- GERANIOL - L.O.Q.\***  
**MONOTERPENE ALCOHOL**  
GERANIUM-LIKE, CITRUSY
- METHYL GERANATE - 35.3 PPM**  
**ESTER**  
FRUITY, FLORAL

NOTE: Due to limited acreage and lots available for analysis, the data presented for HBC varieties may not represent a true varietal average.  
\* L.O.Q. stands for Limit of Quantification. This means that the compound is detected but not quantifiable.

#### USAGE RECOMMENDATION

**HBC 630 IS A GOOD CANDIDATE FOR HIGH IMPACT EARLY IN THE BREWING PROCESS.**



**GOOD CANDIDATES FOR HIGH IMPACT EARLY IN THE BREWING PROCESS**  
(LATE KETTLE, WP, AFDH)

**BETTER UTILIZED LATER IN THE BREWING PROCESS**  
(PFDH)