

# LORAL<sup>®</sup> BRAND



**HBC 291 CV.**

Developed by Hop Breeding Company and released in 2016, Loral<sup>®</sup> HBC 291 has a noble heritage that straddles the fence between old and new world hop aromatics. It has the ability to complement all beer styles, making it a very versatile hop in the brewery.

## COUNTRY

**UNITED STATES**

## AROMA PROFILE

**FLORAL • PEPPER • LEMON-CITRUS • DARK FRUIT**



## BEER STYLES

**IPA • AMERICAN PALE ALE • SAISON  
BELGIAN-STYLE ALE • WHEAT • PILSNER**

## BREWING VALUES

### ACID/OIL

### RANGE

### LOW

### HIGH

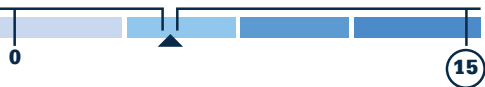
### ALPHA ACIDS (20-23% CO-HUMULONE)



**13%**

**17%**

### BETA ACIDS



**4%**

**6.5%**

### TOTAL OIL

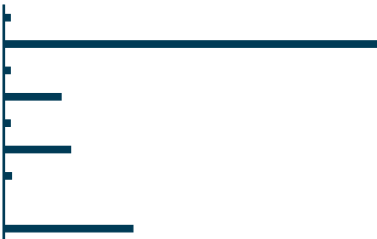


**1.8**

**3.4** mL/100g

## TOTAL OIL BREAKDOWN

B-PINENE	0.6 - 0.7% OF TOTAL OIL
MYRCENE	52 - 58% OF TOTAL OIL
LINALOOL	1 - 1.1% OF TOTAL OIL
CARYOPHYLLENE	5 - 5.7% OF TOTAL OIL
FARNESENE	<1% OF TOTAL OIL
HUMULENE	17.9% OF TOTAL OIL
GERANIOL	0.2 - 0.3% OF TOTAL OIL
SELINENE	
OTHER	15.3 - 22.4% OF TOTAL OIL



**YAKIMA CHIEF HOPS<sup>™</sup>**