YAKIMA CHIEF – 2019 HOP & BREW SCHOOL HOW HOPS HAVE AFFECTED MY CAREER

I'm Having a Lupulin Threshold Shift

lupulin threshold shift \lu · pu · lin thresh · old shift \ n 1. When a once extraordinarily hoppy beer now seems pedestrian. 2. The phenomenon a person has when craving more bitterness in beer.
3. The long-term exposure to extremely hoppy beers; if excessive or prolonged, a habitual dependence on hops will occur. 4. When a "Double IPA" just is not enough.

Vinnie Cilurzo

Russian River Brewing Company Santa Rosa & Windsor, California



HOPUNION HOP SCHOOL - 2004





2004 & 2005 PRESENTATION'S

Pliny ≝Elder



HOPUNION HOP SCHOOL - 2004





A Short Exercise in Hop History in the United States

Can I please get all of the H&BS attendees to stand up?



Sabro was released in 2018

Please stay standing if you were brewing before Sabro was released





Mosaic was released in 2012

Please stay standing if you were brewing before Mosaic



was released



Citra was released in 2008

Please stay standing if you were brewing before Citra was released





Simcoe & Warrior was released in 2000

Please stay standing if you were brewing before Simcoe & Warrior were released





Ahtanum was released in 1997

Please stay standing if you were brewing before Ahtanum was released





Crystal was released in 1993

Please stay standing if you were brewing before Crystal

was released





Centennial & Tomahawk were released in 1990

Please stay standing if you were brewing before Centennial & Tomahawk (CTZ) was released





Blind Pig Brewing Company - June 1994





Russian River Brewing Company opened at Korbel Champagne Cellars in 1997









RUSSIAN RIVER – HOP 2 IT



Single Hop Beer to Test New Hops

Same malt bill from batch to batch Same yeast from batch to batch Same water profile from batch to batch

- Different hop variety for each batch
 - First hop addition quantity is adjust to match BU's
 - Middle hop addition is the same quantity from batch to batch
 - Whirlpool hop addition is the same quantity from batch to batch
 - Dry hop quantity is also the same from batch to batch



Russian River Brewing Company reopens in Downtown Santa Rosa – April 2004













DINNER AT THE PERRAULT'S











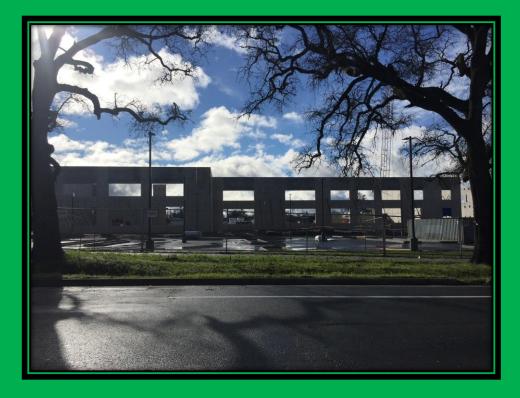
































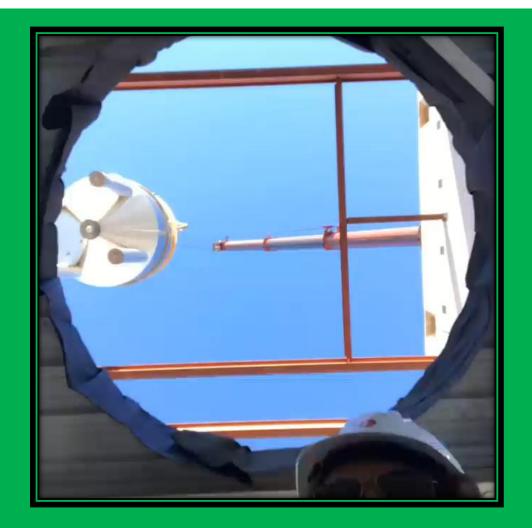




















RRBC – OPENTOP FERMENTER



RRBC - LAB PROGRAM















HOP SELECTION AT YAKIMA CHIEF





SANTA ROSA, CA CONNECTION TO THE HOP INDUSTRY





HOPS & FRIENDS













THANKYOU



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