



YAKIMA CHIEF HOPS®



YCH 303 TRIAL

PRODUCT OVERVIEW SHEET



WHAT ARE CRYO HOPS®?

Cryo Hops® is an industry-leading, patented, cryogenic process used to separate whole cones into two components—concentrated lupulin and bract. Each component of the hop is preserved using extremely low temperatures in a nitrogen-rich environment during the entire process, from separation to pelleting. This patented process displaces oxygen throughout the system, increasing product quality and reducing the oxidation of the lupulin. The result is a concentrated lupulin pellet containing resins and aromatic oils. It is designed to provide intense hop flavor and aroma, enabling brewers to efficiently dose large quantities of alpha acids and oils without introducing astringent flavors or vegetative material.

YCH's recent research surrounding "survivable" beer-soluble compounds and subsequent release of the Cryo Pop® Original Blend continues to push the frontiers of maximizing beer solubility in critical hop compounds. This research allows brewers to produce the most highly aromatic beers in the world.

WHAT IS PHANTASM?

Phantasm is a groundbreaking product which delivers massive quantities of beer-soluble thiol precursors in a brewer-friendly format. Derived from the skin of New Zealand-grown Sauvignon Blanc grapes, this concentrated powder allows brewers to load wort streams with high levels of important thiol precursors, providing the raw material for beneficial biotransformation into highly aromatic thiols such as 3MH, 3MHA, and 4MMP. These thiols are an important group of beer-soluble compounds found in hops and grapes, which deliver powerful tropical aromas in beer.

WHAT IS YCH 303 TRIAL?

YCH 303 Trial is a combination of concentrated lupulin from our Cryo Hops® process and Phantasm that has been blended to create one co-pelleted hop product. The blend of hop varieties include Citra®, Simcoe® and Mosaic® brand hops. This co-pelleted product was designed to leverage the high degree of "survivable" compounds presented in both Cryo Hops® brand pellets and Phantasm and synergize the aroma benefits of these two powerful products in one dose. Via the research done by both Yakima Chief Hops and Phantasm, our teams believe we've created a highly-effective pellet which delivers massive amounts of beer-soluble aromatic compounds. This "vendor collab" is a testament to the creative, boundary-pushing nature at the heart of the craft beer industry.

RECOMMENDATIONS

To maximize the biotransformative potential of this product, it is recommended that the pellets be dosed in a late whirlpool or "cool pool" scenario. A dosing rate of 0.5-1.5 lbs/bbl is recommended. Alpha Acids are present in the product and should be considered when designing recipes. Certain beers may benefit from the use of a "thiolized" yeast strain, or any highly biotransformative yeast.

SIZE

4x5kg carton

PRICE

\$39.75/lb USD

AVAILABILITY

Limited supply, for US customers only