

Headwaters to Harvest: Inland Northwest Farmers Promoting Watershed Health through Salmon-Safe Certification

Brian Muegge - Farm Program Manager, Salmon-Safe
Spokane River Forum Conference, April 23 2025

SALMON



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- **About Salmon-Safe**
 - **Certifying for climate resiliency**
 - **Expanding in the Inland Northwest**
 - **Climate Smart market connections**
 - **Future Implementation Basin-wide**



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Alaska

British Columbia

Puget Sound

**Interior Columbia
River Basin**

**Western Oregon
Watersheds**

Northern California

CERTIFICATION TO INSPIRE RESTORATION

**Farms &
Vineyards**



Infrastructure



**Parks &
Natural Areas**



Golf Courses



Campuses



**Urban
Development**



WATER QUALITY AND WATERSHED IMPACT

- **Instream habitat protection**
- **Riparian & wetland areas**
- **Erosion management**
- **Water use & irrigation**
- **Integrated pest management**
- **Biodiversity conservation**
- **Climate resiliency**



Evaluation Process for Certification

- **Review of General Standards**
- **Contact Salmon-Safe or Regional Partner**
- **Preparation of Baseline Information (Appendix A)**
- **Water use & irrigation**
- **On-Site Farm Evaluation**
- **Decision rule for Certification**



Salmon-Safe Farming is Climate-Resilient Farming

Salmon-Safe practices deliver water quality and habitat benefits and reduce climate-related risks



Reduced Tillage & Soil Building

Building soil health and water retention through reduced tillage or no-till planting as well as increasing organic matter through cover crops, manures, compost.



Irrigation Efficiency

Upgrading irrigation systems, tracking water usage, and selecting drought tolerant crops for changing climate conditions, seeking alternative water sources that do not limit fish habitat quality, leasing excess water rights for conservation



Pesticide Reduction through IPM

Implementing cultural and biological controls for pests, applying rigorous integrated pest management approaches, phasing out chemistries harmful to fish and wildlife



Stream Restoration

Restoring riparian habitat provides ecological benefits including shade, bank stabilization, and support for migrating salmon and their food chain.



Integration of Native Biodiversity

Building resilience against climate shifts through crop rotation to support beneficial insects and stimulating soil organism diversity. Maintaining habitat for insects and wildlife within fields and field margins.



**Enhanced
Soil Health**



**Drought
Mitigation**



**Water Quality
Protection**



**Temperature
Mitigation**



**Climate
Adaptive Farm
Ecosystem**





SIP. SAVE.

WILLAMETTE VALLEY
VINEYARDS

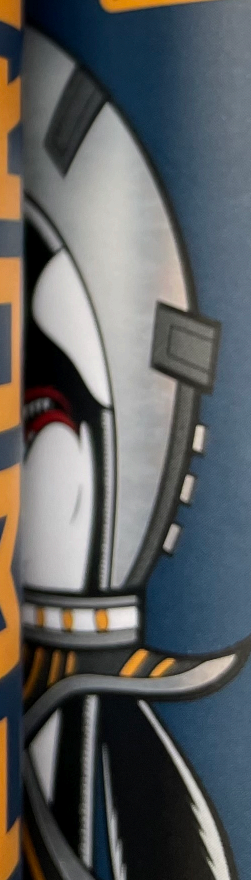


WILLAMETTE VALLEY • OREGON
PINOT NOIR

BACCHUS



Look for Salmon-Safe certified wine
from Willamette Valley Vineyards.
SalmonSafe.org



SHARK

SHARK

SHARK

Copperworks Distilling Releases Salmon-Safe Whiskey

[Press Release](#) | Oct. 22, 2021 at 6:30 pm





Salmon-Safe, the West Coast environmental certification nonprofit, in partnership with Copperworks Distilling and Mainstem Malt announced the release of Copperworks' Whiskey Release 039—an American Single Malt Whiskey that helps protect Washington's rivers and watersheds. The release is the nation's first whiskey made with Salmon-Safe ingredients.

“We love supporting farmers that help protect our watersheds,” said
Copperworks Distilling Co. co-founder and





 **Make Sure It's
Salmon Safe**

 **Make Sure It's
Salmon Safe**



PÂTISSERIE

SHEPHERD'S GRAIN

PREMIUM PASTRY FLOUR
FROM REGENERATIVE FARMS



PLEASE COOK BEFORE ENJOYING
FLOUR IS RAW





The Nature
Conservancy



Idaho



NEWSROOM

Silver Creek Farm Receives First Trout-Safe Certification

October 20, 2022 | Bellevue, ID





TROUT-SAFE CERTIFIED FARMS



PAYETTE
BREWING CO.

Trout Hero IPA

THE ORGANIZATION:

...IS LEADING THE MOVEMENT TO INSPIRE
...PROTECT WATER QUALITY
...WILDLIFE HABITAT. NOW ITS
...PROGRAM IS CERTIFYING
...INNOVATIVE IDAHO FARMS.

THE BEER:

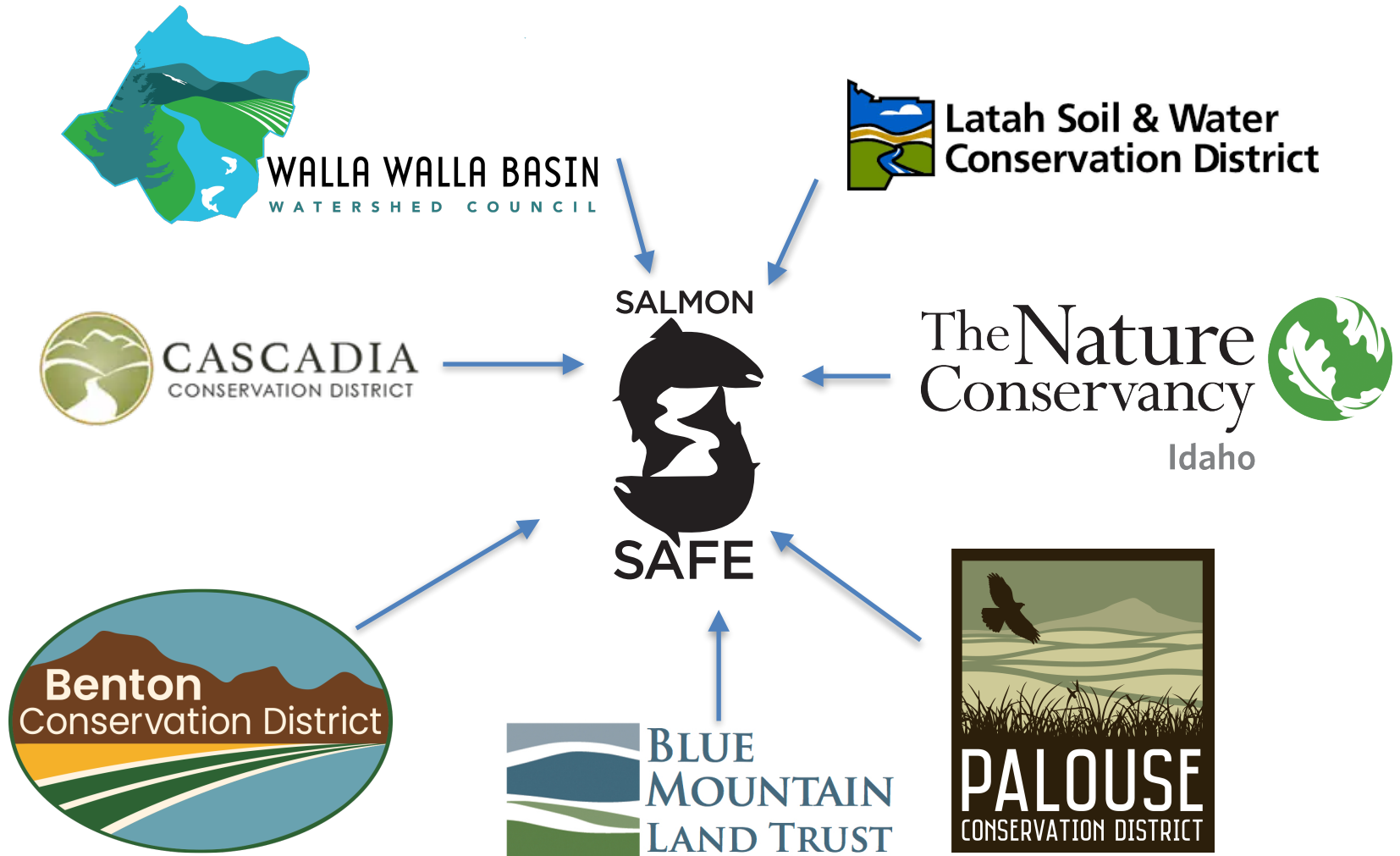
...HOPS AND BARLEY FROM TROUT-SAFE
...FARMING. LOCAL MALT FLAVORS AND A
...COMBINATION OF PINE AND CITRUS ZEST
...TO HEALTHY WATERWAYS AND
...IN IDAHO'S RIVERS.



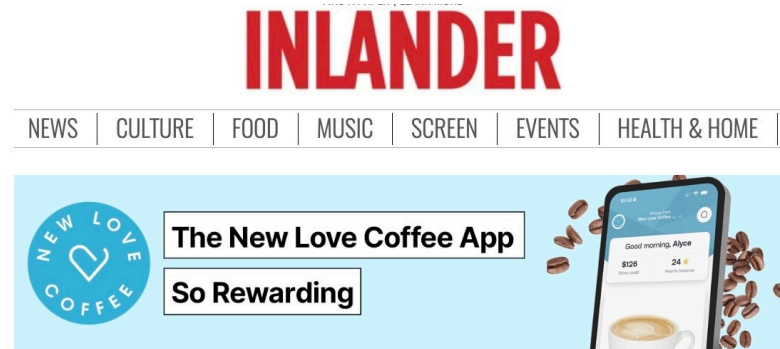
6.5%
ALC/VOL
1 PINT



Salmon-Safe Columbia Basin Implementation Partners



Spokane Area Projects



Food » Food News

August 29, 2024

Brick West Brewing Co. releases its third certified Salmon Safe beer, thanks to local hops and barley

By Eliza Billingham



Future Inland NW Projects

COEUR D ALENE TRIBE
NEWS



Coeur d Alene Tribe Awarded \$937,212 Grant to Climate-Safe and Salmon-Safe: Natural Climate Solutions in the Inland Northwest

February 27th, 2025

"This grant empowers the Coeur d'Alene Tribe to further its commitment to protecting and restoring its lands and waters in the face of climate change. By integrating the Tribe's millennia of relationship to this landscape with contemporary restoration techniques, we hope to not just protect the existing remnants of this critically endangered ecosystem but scale up the restoration of biodiversity on the landscape," said Laura Laumatia, Coeur d'Alene Tribe Environment Programs Manager. "We are honored to be part of this initiative and to work alongside wonderful partners who share our vision for a resilient and sustainable Palouse."



Thank you!

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