

## HOP SAMPLE SUBMISSION FORM

\$30/sample

\$10.00/sample

| Client Information   |             |             |  |
|--|-------------|-------------|--|
| Name   |             |             |  |
| Company  |             |             |  |
| Address  |             |             |  |
| City, State  |             |             |  |
| Email  |             |             |  |
| Phone #  |             |             |  |
|  |             |             |  |
| Service List   |             | Price       |  |
| Acids Analysis   |             |             |  |
| Alpha Acids (as is and 10%), Beta Acids (as is and 10%), Hop Storage |             | \$35/sample |  |
| Index (HSI), and moistu  | 400/3011pie |             |  |
| method, ASBC Hops-6. *100g required.                                 |             |             |  |
| Total Oils (coming so  | on)         |             |  |

\*Any party wishing to submit samples to the MSU Malt Quality Lab must review and sign a Testing Service Agreement. For more information please contact the lab.

## Sampling & Shipping

Moisture Only

method Hops-13. \*200g required

Samples should be clearly labeled with Product ID/Lot Code & Variety. Please ensure sample is representative of the lot. All analysis can be run on fresh cones, baled cones, and pelleted samples. Ship to:

## Attn: Malt Quality Lab Montana State University 119 Plant Bioscience - P.O. Box 173150 Bozeman, MT 59717-3150

-Baggies work well for all types of hop samples.

-IMPORTANT! For wet hops squeeze out excess air to prevent condensation. No vacuum sealing.

-For wet hops: Boxes are much better than bags. Leave some room for newspaper/insulation

-Ship fresh wet hops 2-Day or Overnight. In cooler weather not a problem.

-Dried whole hops or pelletized **do not** require expedited shipping.

Determined by steam distillation. Reported as % (mL oil/100g), ASBC

Forced air oven method. ASBC method Hops-4. \*10g required

| Sample Description                                 | Analysis Requested | Price |  |
|--|--------------------|-------|--|
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|  |                    |       |  |
|  |                    |       |  |
|  | Total              |       |  |
| Payment is due within 30 days of sample submission |                    |       |  |

Please make checks payable to **Montana State University.** Credit payments can be accepted here: https://www.montana.edu/ecommerce/barleybrewing/