



INFORMATION FOR
BREWERS

Safety first!
THE BARTH QUALITY CONTROL GUARANTEE

At Barth, your hops are IN GOOD HANDS.



„Together with our growers we continuously strive to enhance the safety of your hop products. From initial leaf analysis through to sophisticated plant protection analysis, at Barth, prevention always takes top priority. An investment with guaranteed returns for everyone involved.“

Dr. Reinhold Kugel

Head of product safety and quality assurance

Barth is synonymous with outstanding hop quality enjoying an excellent reputation among brewers around the world. Detailed knowledge of the plant protection products utilised in hop cultivation plays a major role in ruling out contamination and, in turn, contributes to the purity of the beer.

The specially developed Barth safety concept with integrated early warning system ensures transparency and thus compliance with 100% tested product quality.

This allows you to concentrate on what's important:
brewing world-class beer.



The Barth security concept: A CLOSED LOOP SYSTEM

The most comprehensive quality control programme in the industry

- All hops and hop products obtained from Barth are combined as composite samples in a standardised form and comprehensively analysed.
- Only after the results of the analysis are made available, are hops released for processing and marketing.
- Details of the schematic approach and the defined spectrum of active compounds can be found on the Barth website.

Traceability of all hops and product lots

- Our IT system allows comprehensive data storage and makes it possible for hops to be correctly allocated to meet customer needs.
- This means that all growers lots in any given product batch can be easily traced.
- Reference samples of all hop and product lots are retained for at least five years.

Our "early warning system" recognises in advance what the hops lack

- Thanks to the Barth "leaf programme", the hops are tested for residues of plant protection agents prior to harvest.
- Early forecasts are achieved through both close collaboration and exchange of information with the growers, as well as targeted advice from our skilled procurement experts.
- Instances of pests and diseases are observed, documented and corresponding measures derived through the regular "Barth Hop Tour", which visits selected hop gardens throughout the European growing regions.

Barth Quality Management

- The HACCP report is an integral component of our ISO 9001 quality management system.
- The plant protection sheet is a Barth innovation and has become the established standard within the German hop industry.
- The plant protection calendar, as introduced by Barth, has increased the reliability and comprehensiveness of documented plant protection measures, exclusively for our suppliers and customers.



Our quality hops – BENEFITING YOU AS A BREWER

As the longest established – and world's foremost – hop-related service provider, we ensure certified hop quality on a daily basis to allow you to brew top quality beer. Together with our growers, we ensure that you have 100% tested hops at your disposal. Our prevention measures – for your peace of mind.

How you benefit from the Barth quality control guarantee:

- Maximum transparency for optimal "hop purity"
- Brand protection through eliminating uncertainty among consumers
- Reduced risk of costly recalls
- Increased brand value via increased customer confidence

Put your trust in us and use Barth-tested ingredients!

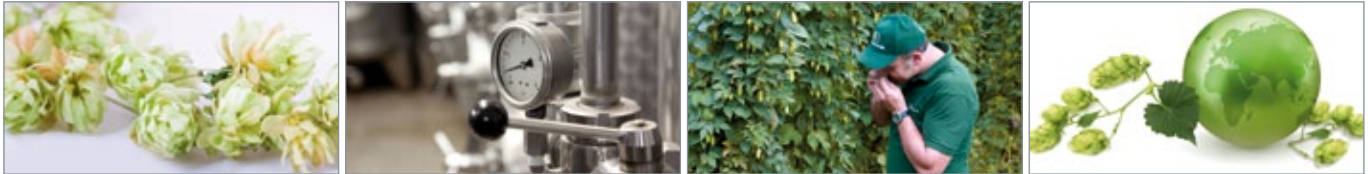
For a more comprehensive definition of our "100% quality control guarantee" visit www.barthhaasgroup.com



Barth-Haas Hops Academy

KNOWLEDGE CREATES EXPERTISE

BARTH-HAAS HOPS ACADEMY
All there is to know about hops!



Find out about the modules available in our Barth-Haas Hops Academy:

- Hops
- Hops in the brewing process
- Quality management/Food safety
- Analysis
- Sustainability
- Sensory analysis
- Commercial aspects of hops

For further information and how to register visit
www.hopsacademy.com





Joh. Barth & Sohn GmbH & Co. KG

Freiligrathstraße 7/9
90482 Nuremberg
Germany

Tel.: +49 911 5489-0
Fax: +49 911 5489-330

E-Mail: info@johbarth.de
www.barthhaasgroup.com



ClimatePartner^o
klimateutral

Druck | ID: 53178-1210-1002

* The Barth guarantee refers to the comprehensive quality control measures and analysis of active compounds to which Barth hops and hop products are subject. It is not a guarantee of the 100% purity of the product. Details of the quality control programme can be found at: www.barthhaasgroup.com/johbarth/en/quality-management/quality-control-guarantee.