

## Hops & Hop Products – Best Before Date

Hop products are made from a naturally grown organic material, which is liable to variable rates of deterioration after harvest and/or processing. Although processing of raw hops helps to preserve their important constituents, it is strongly recommended that hop products are:

1. Stored correctly (according to Product Data Sheets)
2. Used within a short period of time after opening the package
3. Used within the recommended 'best before date' to guarantee best results.

Hop products that are past the 'best before date' may still be suitable for use but might provide a slightly altered brewing value.

Hop Product	Best Before Date (From Production Date)	Recommended Storage Temperature (°C )	Recommended Storage Temperature (°F)
Raw Hops (Dried and Baled)	1 year	< 5	< 41
Pellets Type 90, Type 45, Stabilized Pellets	3 years	< 5	< 41
Isomerized Pellets	4 years	< 5	< 41
Polyphenol Aroma Pellets, Hard Resin Pellets	3 years	< 5	< 41
CO <sub>2</sub> -Extract, Ethanol-Extract	6 years	< 10	< 50
Isomerized Kettle Extracts (IKE and PIKE)	2 years	< 10	< 50
Light Stable Kettle Extract (LSKE)	4 years	< 10	< 50
Aroma Extract	4 years	< 10	< 50
Light Stable Aroma Extract	4 years	< 10	< 50
Rho Concentrate	3 years	10 - 25	50 - 77
Tetra Concentrate	3 years	10 - 15	50 - 59
AlphaExtract	1 year	0 - 5	32 - 41
Iso-Extract 30 %	2 years	5 - 15	41 - 59
Rho Iso-Extract 10 %	1 year	5 - 15	41 - 59
Rho Iso-Extract 35 %	2 years	5 - 15	41 - 59
Tetra Iso-Extract 10 %	2 years	5 - 15	41 - 59
Hop Oils: Type "Dry", "Noble" and "Noble Plus"	1-2 years*	< 10	< 50
BetaBio™	4 years	5 - 15	41 - 59
XanthoFlav™ Products	2 years	< 10	< 50
Tannin Extract	1 year	0 - 10	32 - 50

\* depending on type of product

If you have further questions please don't hesitate to contact us!

## HOPSTEINER

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