

Monitoring of quinolizidine alkaloids in lupins

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Commission Recommendation (EU) [2026/1241](#) on monitoring the presence of quinolizidine alkaloids in lupins and lupin-derived food

What is changing and why?

The European Commission has published a Recommendation that EU Member States, in collaboration with food business operators, should monitor quinolizidine alkaloids in lupins and lupin-derived foods. The objective is to collect more data on occurrence, identify factors leading to high levels, and better understand how processing may reduce these compounds.

Monitoring should also cover foods of animal origin, especially milk, where animals have been fed with lupin-derived feed materials, due to possible transfer from feed to food.

It is recommended to analyse at least the following alkaloids: albine, anagyrin, angustifoline, 13 α -hydroxylupanine, isolupanine, lupanine, lupinine, multiflorine, and sparteine.

The European Food Safety Authority (EFSA) has identified a possible risk for some consumers, particularly from acute exposure, but available data are too limited for a full risk assessment.

Actions

Possible future EU maximum levels or other requirements for quinolizidine alkaloids will be based on the information collected by EFSA. It is therefore in the interests of the food industry to ensure that EFSA has access to the comprehensive data needed.

EU Member state authorities will share with EFSA data that is provided by food business operators. Suppliers of lupin products may therefore receive requests from their EU buyers for information about the potential presence of quinolizidine alkaloids, and the species of lupins and production processes used.

Timeline

The Recommendation applies from June 2026. EU Member States and the food industry should submit monitoring data to EFSA by **30 June** of each year.

For more information see the [full record](#) on the AGRINFO website – where you can also view the latest [AGRINFO Update](#) newsletters and [search](#) the database.

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