

Maximum residue levels for acequinocyl

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EU increases MRLs for acequinocyl on specific fruits and vegetables, and reduces the MRL on almonds to the limit of determination

Commission Regulation (EU) [2022/1343](#) of 29 July 2022 amending Annexes II and III to Regulation (EC) No 396/2005 of the European Parliament and of the Council as regards maximum residue levels for acequinocyl, chlorantraniliprole and emamectin in or on certain products

Commission Regulation (EU) [2023/127](#) of 18 January 2023 amending Annex II to Regulation (EC) No 396/2005 of the European Parliament and of the Council as regards maximum residue levels for acequinocyl in or on certain products

Update

On 2 August 2022, the EU published a Regulation increasing MRLs for acequinocyl on specific fruit and vegetables, and reducing the MRL on almonds to the limit of determination (LOD).

On 19 January 2023, the EU published a Regulation increasing MRLs for acequinocyl on kaki/ Japanese persimmons and sweet peppers/ bell peppers.

Impacted products

almonds, apples, pears, quinces, medlars, loquats, Japanese medlars, peaches, plums, table grapes, wine grapes, tomatoes, aubergines, eggplants, courgettes, kaki, Japanese persimmons, sweet peppers, bell peppers

What is changing?

The EU amended MRLs for acequinocyl as set out in Table 1.

In addition, the LOD on herbs and edible flowers is increased from 0.01 to 0.02 mg/kg, and for teas, coffee, herbal infusions and spices is increased from 0.02 to 0.05 mg/kg.

Why?

Following its review of existing acequinocyl MRLs, [EFSA \(2020\)](#) recommended raising or keeping the vast majority of existing MRLs. Due to insufficient information on various products, these MRLs will be reviewed by July 2024.

A subsequent application for an MRL on sweet peppers/ bell peppers and kaki/ Japanese persimmons was submitted and accepted. [EFSA \(2022\)](#) concluded that short-term and long-term intake of residues on peppers resulting from agricultural practice is unlikely to present a risk to consumer health. For kaki/ Japanese persimmons, consumer safety could be confirmed through extrapolation from pesticide residue trials.

Timeline

The new MRLs apply from 22 February 2023. For products imported into the EU before that date and remaining on the market after that date, the old MRLs will apply.

The new MRLs on kaki and bell peppers/ sweet peppers apply from 23 February 2023.

Recommended Actions

Suppliers of almonds should review current use of acequinocyl with a view to seeking alternative solutions before February 2023.

Background

MRLs are set in accordance with the rules set out in Regulation [396/2005](#). For information on current MRLs for other substances, please consult the [EU Pesticide Residues database](#).

Resources

EFSA (2020) [Review of the existing maximum residue levels for acequinocyl according to Article 12 of Regulation \(EC\) No 396/2005](#). EFSA Journal, 18(1): 5983.

EFSA (2022) [Modification of the existing maximum residue level for acequinocyl in sweet peppers/bell peppers](#). EFSA Journal, 20(3): e07175.


Sources

Commission Regulation (EU) [2022/1343](#)

Commission Regulation (EU) [2023/127](#)

Visit the [AGRINFO website](#) to view the latest AGRINFO Update newsletters and [search](#) the database.

Table & Figures

Table 1 Maximum residue levels for acequinocyl			
Food category	Products	Acequinocyl (mg/kg)	
		Old MRL	New MRL
Tree nuts	Almonds	0.02	0.01*
Pome fruits	Apples, pears, quinces, medlars, loquats/ Japanese medlars	0.1	0.4
Stone fruits	Peaches	0.04	0.1
	Plums	0.02	0.03
Berries and small fruits	Table grapes, wine grapes	0.3	0.8
Miscellaneous fruit	Kaki/ Japanese persimmons	0.01*	0.05
Fruiting vegetables	Tomatoes, aubergines/ eggplants	0.2	0.3
	Sweet peppers/ bell peppers	0.01*	0.3
	Courgettes	0.01*	0.08
Hops		15	20
* Limit of determination. Source: based on Commission Regulations (EU) 2022/1343 and (EU) 2023/127			
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