

Maximum residue levels for tetraconazole

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EU amends MRLs for tetraconazole, with implications for certain fruit, vegetables, oilseeds, cereals, sugar plants and animal products

Commission Regulation (EU) [2023/466](#) of 3 March 2023 amending Annexes II, III and V to Regulation (EC) No 396/2005 of the European Parliament and of the Council as regards maximum residue levels for isoxaben, novaluron and tetraconazole in or on certain products

Update

The EU has amended the MRLs for tetraconazole on many products, with implications for certain fruit, vegetables, oilseeds, cereals, sugar plants and animal products.

Impacted products

loquats, Japanese medlars, apricots, peaches, plums, table grapes, wine grapes, strawberries, blueberries, dewberries, raspberries, cranberries, currants, gooseberries, rosehips, mulberries, azaroles, Mediterranean medlars, elderberries, tomatoes, sweet peppers, bell peppers, aubergines, eggplants, cucumbers, gherkins, courgettes, melons, pumpkins, watermelons, poppy seeds, barley, oat, wheat, buckwheat, sugar beet roots, chicory roots, animal products

What is changing?

The changes to MRLs are set out in Table 1.

Why?

Following a review of existing tetraconazole MRLs ([EFSA 2022](#)), EFSA proposed the reduction of MRLs in a range of fruits, vegetables and products of animal origin. Other MRLs could be maintained or raised on the basis of current good agricultural practices.

Timeline

The new MRLs apply from **26 September 2023**. For products exported before that date, the old MRLs still apply.

Recommended Actions

The MRLs have been amended (both raised and lowered) on a range of products. Suppliers to the EU market of fruit and vegetables, cotton seeds, sugarcane and animal products should carefully review the changes proposed.

Suppliers of products with MRLs reduced to the limit of determination (LOD, the lowest level that can be detected using the most modern and reliable analytical methods) should seek alternative solutions to tetraconazole.

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 (2022) [Review of the existing maximum residue levels for tetraconazole according to Article 12 of Regulation \(EC\) No 396/2005](#). EFSA Journal, 20(1): 7111.

Sources

Commission Regulation (EU) [2023/466](#)

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

Table & Figures

| Table 1 Maximum residue levels for tetraconazole | | | |
|--|--|-----------------------|---------|
| Food category | Products | Tetraconazole (mg/kg) | |
| | | Old MRL | New MRL |
| Pome fruits | Loquats/ Japanese medlars | 0.3 | 0.2 |
| Stone fruits | Apricots, peaches | 0.1 | 0.03 |
| | Plums | 0.05 | 0.01* |
| Berries and small fruits | Table grapes, wine grapes | 0.5 | 0.07 |
| | Strawberries | 0.2 | 0.15 |
| | Blueberries, dewberries, raspberries, cranberries, currants, gooseberries, rosehips, mulberries, azaroles/ Mediterranean medlars, elderberries | 0.2 | 0.01* |
| | | | |
| Fruiting vegetables | Tomatoes | 0.1 | 0.15 |
| | Sweet peppers/ bell peppers | 0.1 | 0.01* |
| | Aubergines/ eggplants | 0.02* | 0.15 |
| | Cucumbers, gherkins, courgettes | 0.2 | 0.15 |
| | Melons, pumpkins, watermelons | 0.05 | 0.08 |
| Oilseeds | Poppy seeds | 0.15 | 0.01* |
| Cereals | Barley, oat | 0.1 | 0.01* |
| | Wheat | 0.1 | 0.02 |
| | Buckwheat and other pseudocereals | 0.05 | 0.01* |
| Sugar plants | Sugar beet roots | 0.05 | 0.01* |
| | Chicory roots | 0.05 | 0.06 |
| Products of animal origin: | | | |
| Swine/sheep/goats/other farmed terrestrial animals | Muscle | 0.05 | 0.01* |
| Swine | Fat | 0.5 | 0.07 |
| | Liver | 1 | 0.7 |
| | Kidney | 0.2 | 0.04 |
| | Other edible offals | 0.05 | 0.7 |
| Bovine/equine | Muscle | 0.05 | 0.015 |
| Bovine | Fat | 0.5 | 0.2 |
| | Liver | 1 | 1.5 |
| | Kidney | 0.2 | 0.06 |
| | Other edible offals | 0.5 | 1.5 |
| Sheep/goats/ other farmed terrestrial animals | Fat | 0.5 | 0.09 |
| Sheep/goats | Liver | 1 | 0.9 |
| Sheep/goats/ other farmed terrestrial animals | Kidney | 0.5 | 0.05 |
| | Other edible offals | 0.5 | 0.9 |
| Equine | Fat | 0.5 | 0.2 |
| | Liver | 1 | 1.5 |
| | Kidney | 0.5 | 0.06 |
| | Other edible offals | 0.5 | 1.5 |
| Poultry | Muscle | 0.02 | 0.015 |
| | Fat | 0.2 | 0.3 |
| | Liver | 0.1 | 0.05 |
| | Kidney | 0.05 | 0.01* |
| | Other edible offals | 0.02* | 0.3 |
| Other farmed terrestrial animals | Liver | 0.5 | 0.09 |
| Milk | Cattle/horse | 0.05 | 0.02 |
| | Sheep/goat | 0.05 | 0.01* |
| * Limit of determination. Shading indicates decreased MRLs. | | | |
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Commission Regulation (EU) [2023/466](#)

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