

Pesticides & Regulatory Impacts

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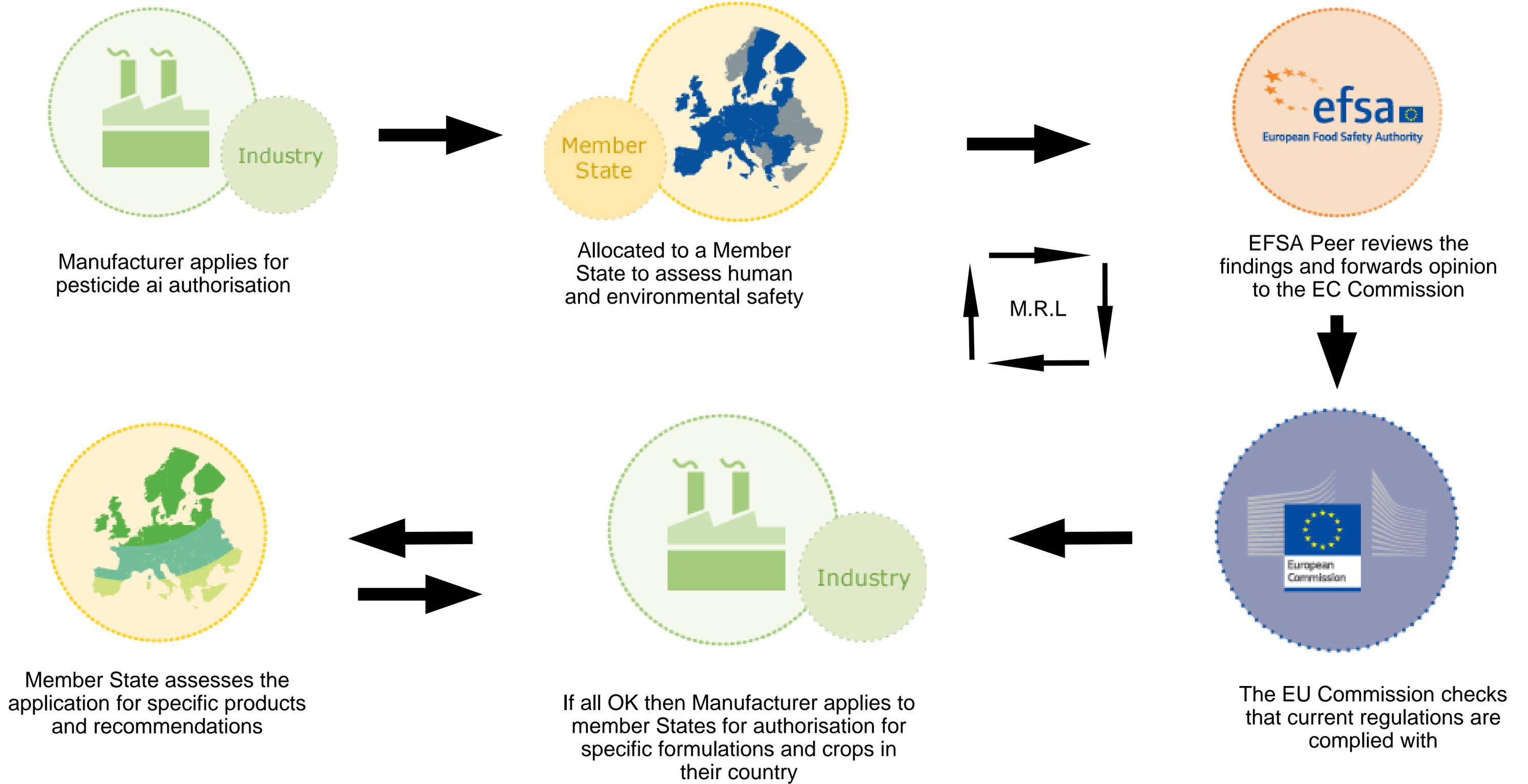
*Why does it take so long to introduce any
new Hylobius insecticide?*

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A review of chlorantraniliprole - a potential Hylobius product

The EU Pesticide Authorisation Process



The UK Pesticide Authorisation Process

- HSE / CRD became the sole regulator for UK pesticides on January 1st 2021
- The EU regulatory principles adopted in total - but can be modified by UK law
- This should be much more efficient as all tasks can be undertaken by different specialists at the same time compared with the complex EU system.
- Reality was that CRD had insufficient resource to efficiently manage the change so new product approval and review of current products considerably delayed
- Manufacturers now much more selective over which products to market in the UK as they now have to pay two sets of considerable fees - to EU and to the UK.
- Ministers state that UK regulation will be driven by science and not by politics - implications for Gazelle.
- High volume broad acre crops such as cereals are likely to be prioritised at the expense of minor crops
- Increasingly strict regulation is leading to:
 - Less “off label” approvals being approved.
 - Lower rates of application leading to less effective control of insects and weeds
 - Application by hand increasingly not allowed.
 - Emergency approvals under much more scrutiny

Implications for Forestry

Which products may be affected?

- HYLOBIUS
- Alpha-cypermethrin (Alpha-6 ED). Pre-planting Full label
- Forester (cypermethrin) Post planting Full label
- Gazelle SG (acetamiprid) Pre & post planting Off-label
- Neem Oil (azadirachtin) Pre & post planting? Unclassified
- ? (chlorantraniliprole) ? Unclassified
- OTHER
- glyphosate, asulam, 2,4-D, triclopyr / fluroxypyr, diflubenzuron

Clorantraniliprole

A potential insecticide for Hylobius control

- Sold in the UK by FMC as Coragen to control caterpillars in fruit, carrots & maize
- Also a UK emergency approval for Syngenta to control soil pests on golfing greens
- Available in Ireland for the control of colorado beetle
- Has a “clean” label in terms of operator safety
- Work in the UK indicates similar activity and persistence to Gazelle
- Thought to be similar to Gazelle in terms of aquatic toxicity
- Any forestry use likely to be several years into the future