

Preparedness for the Early Detection of *Agrilus planipennis* in Azerbaijan

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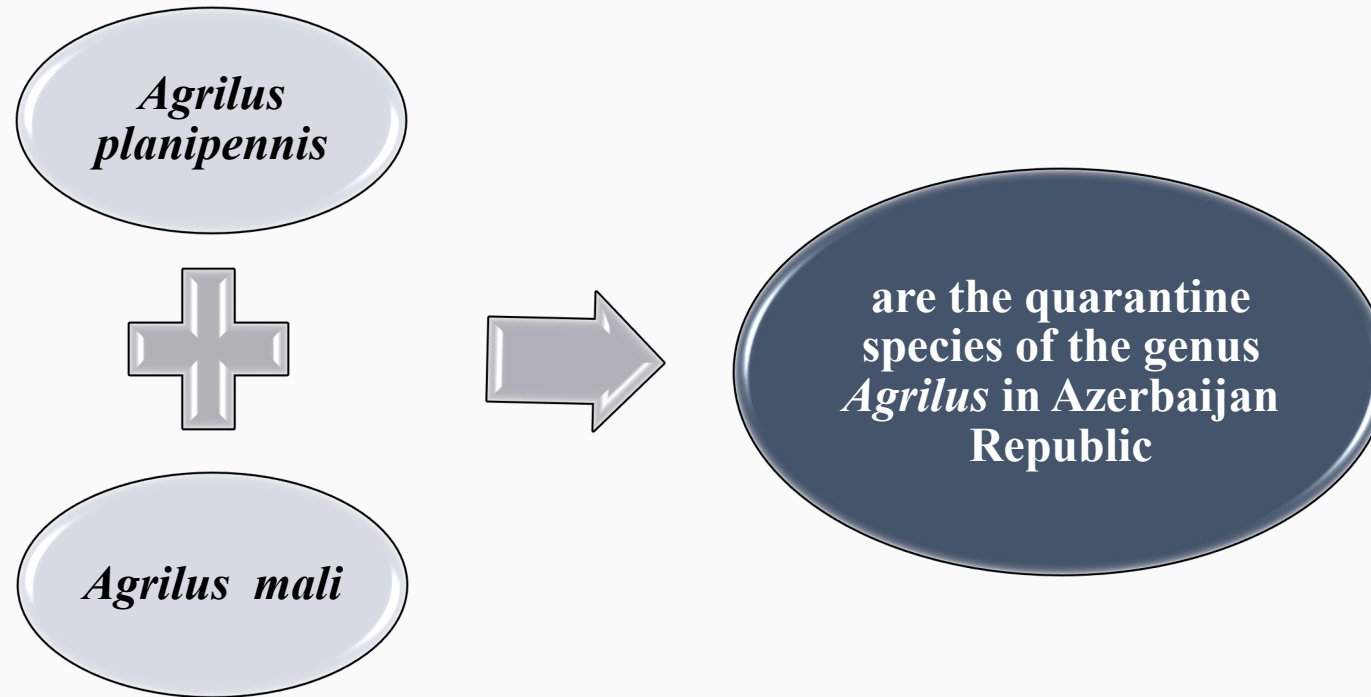
Food Safety Agency of the Republic of Azerbaijan

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Azerbaijan has diverse ecological zones supporting a rich Buprestidae fauna.

Different species included in this family have been studied by different researchers in different years.

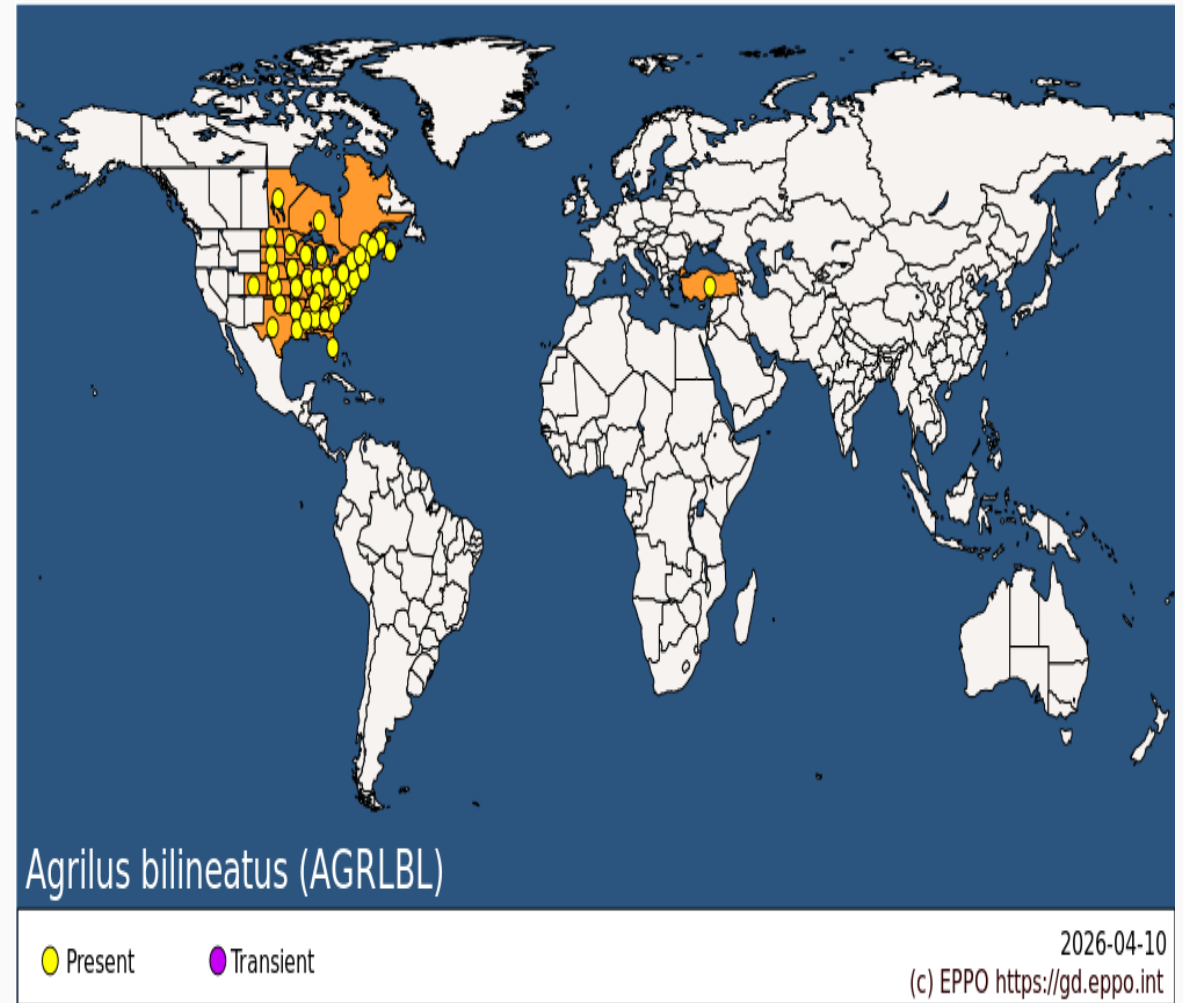
Jewel beetle fauna (Coleoptera: Buprestidae) in Azerbaijan	
Menetrie, Babajanidi	57 species
Samadov	171 species
Volkovich	151 species
Huseynova	46 species



Note: Both species are quarantine pests in Azerbaijan and are currently not present in the country.



- *Agrilus bilineatus* has already spread in Türkiye, posing a potential phytosanitary risk for neighboring countries.
- However, recent faunistic surveys conducted in the **Nakhchivan Autonomous Republic, bordering Türkiye**, have not confirmed the presence of this species.
- Nevertheless, considering its dispersal capacity and ecological adaptability, the risk of future cannot be excluded.





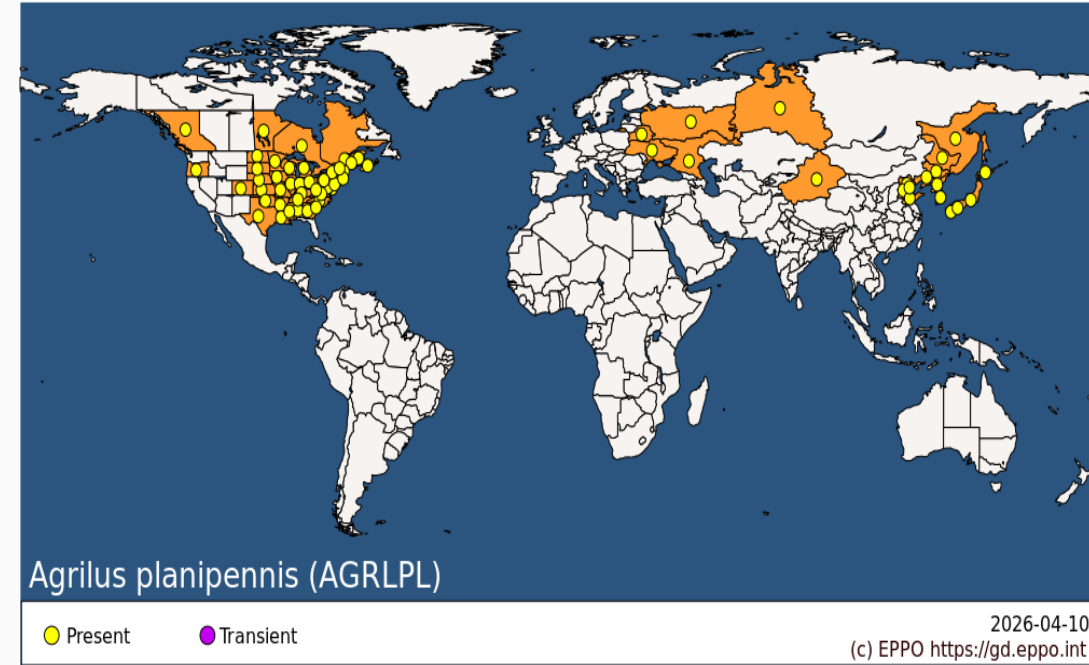
***Agrilus planipennis* is listed as a quarantine pest not known to occur in Azerbaijan**

Risk level: High

Pest status: Absent, A1 quarantine pest

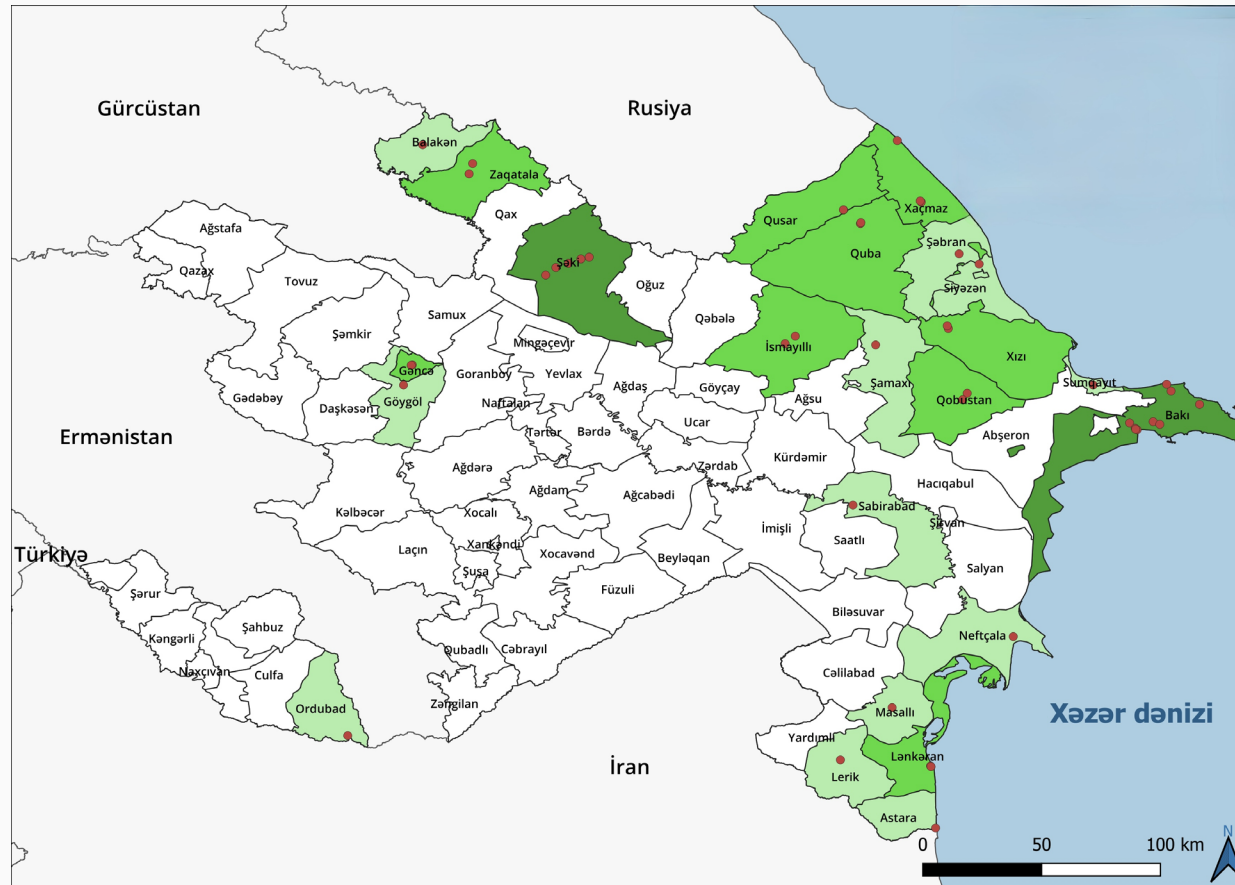
The primary factors contributing to this risk include:

- the species' distribution in Russia,
- the presence of both natural and introduced ash trees across Azerbaijan,
- the country's role as a regional transit hub,
- and the fact that a significant portion of wood commodities is imported from Russia.



Agrilus planipennis, detected in Russia, represents a significant threat to Azerbaijan due to geographical proximity and trade pathways.

Surveillance of *Agrilus planipennis*



Surveillance activities are primarily focused on regions with a high density of ash trees (*Fraxinus* spp.), which are considered high-risk areas for potential introduction.

Surveillance of *Agrilus planipennis*

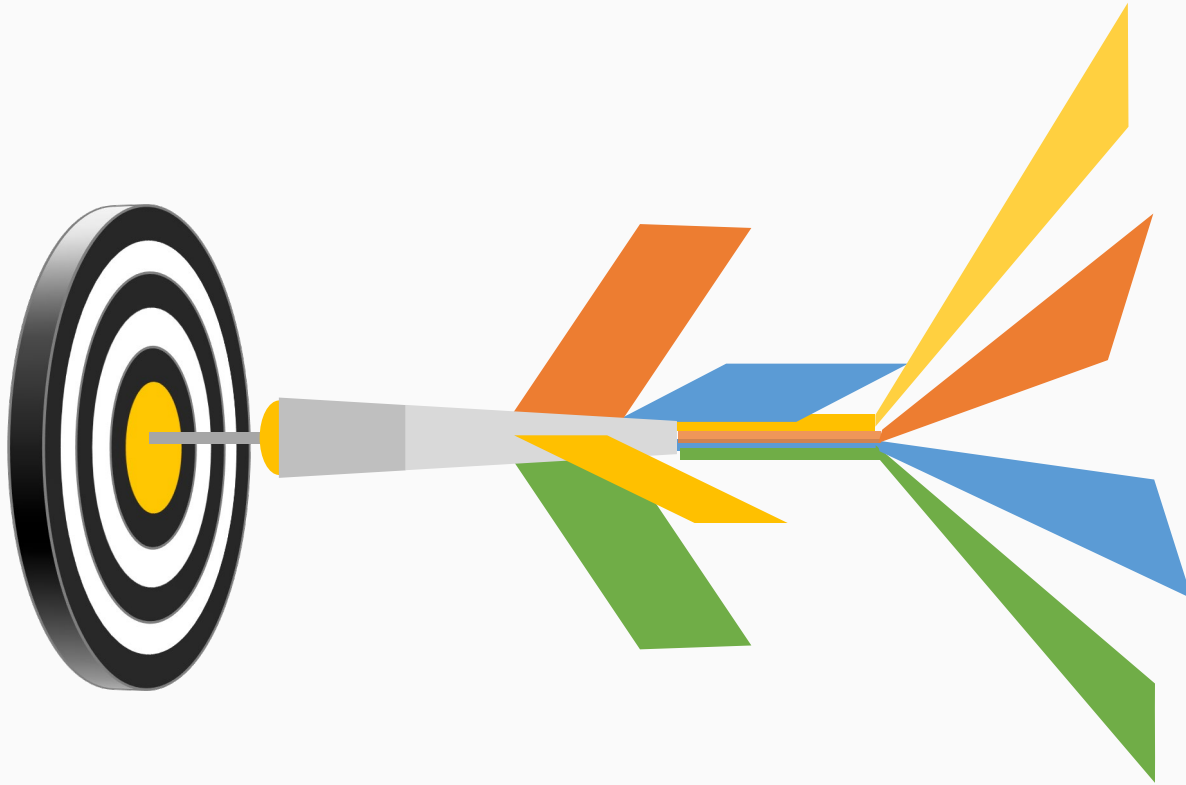


- According to Azerbaijan's phytosanitary import requirements, planting material of *Fraxinus spp.*, as well as broadleaved wood materials (including unbarked wood and fuel wood, excluding wood packaging material), must be free from *Agrilus planipennis*.
- Planting material of *Betula spp.* and broadleaved wood materials must be free from *Agrilus anxius*.

- ❖ All imported wood-based products are subject to visual inspection;
- ❖ In cases of suspected infestation, consignments are transported to designated phytosanitary inspection points;
- ❖ Appropriate quarantine measures are applied;
- ❖ Samples are taken from the consignments and analyzed in laboratories.



Key Priorities for Azerbaijan



To prevent the introduction of *Agrilus* species and ensure early detection, it is crucial to **strengthen regional and transboundary cooperation, organize joint monitoring, increase the efficiency of information exchange, and further refine risk-based approaches.**

Regular public and stakeholders awareness is also one of the main goals.



Thank you for your attention!