COTECNA
Trust for a moving world

Pesticide analysis for the horticulture

As global demand for safe and sustainable horticulture grows, European markets are setting higher standards for pesticide use and residue control. With evolving legislation and consumer expectations producers, buyers, exporters and traders need reliable partners to ensure compliance, quality, and market access.

Changes in EU legislation?

- The EU has set ambitious targets to reduce the use and risk of chemical pesticides by 50% in 2030, under the Farm to Fork and Biodiversity strategies.
- Integrated Pest Management (IPM) and sustainable practices are increasingly required, with stricter monitoring and reporting obligations.
- This legislation is not limited to the feed and food industry but will also include horticulture.
- In short: less pesticide use, stricter residue control and more transparency.

This vision is supported by the **"Implementation Program Future Vision Crop Protection 2030"**, which contains steps and measures to achieve these goals. This program is in line with existing legislation and regulations, such as the **"European Water Framework Directive"**, and is regularly evaluated and adjusted based on new insights and developments.

Challenges exporting horticultural products to Europe?

- **Control over chemical pesticide residues** exceeding EU limits.
- **Ban on the use of non-approved** or hazardous substances.
- **Rejecting insufficient documentation** or traceability.
- **Risk of shipment rejection** or loss of market access due to shortcomings in compliance with regulations.

How to ensure compliance and maintain quality?

- **Regular accredited pesticide residue analysis** for every batch.
- **Documentation and traceability** throughout the supply chain.
- **Adoption of alternative pest control methods** and **IPM**.
- **Proactive adaptation** to evolving EU standards.

Why Fitosoil?

FITOSOIL
Part of the Cotecna Group

Accredited and Trusted Expertise

- **Only Spanish laboratory accredited by ENAC** for pesticide residue analysis in fertilisers.
- World leader with the **largest ISO/IEC 17025-accredited scope** for fertiliser product analysis.

Specialised and Innovative

- Over **30 years of experience** in analytical services for the agri-food, environmental, and health sectors.
- **Four specialised analytical areas:** Physical-Chemical, Pesticides, Microbiology, and Phytopathology.
- **Continuous investment in new method development** and ultra-sensitive equipment.

Strategic Location and Global Reach

- **Based in Murcia, Spain**, a global centre for horticulture and organic fertiliser production.
- **Part of the Cotecna Group**, a world leader in inspection & certification, enhancing global inspection capacity.

Accredited and Trusted Expertise

- **Expert in analysing:** pesticides, phytohormones, NPK, chelates, heavy metals, amino acids, humic substances, and more.
- **Accredited to perform physico-chemical testing** of EC fertilisers under programme NT-70.07.

Nofalab Laboratory Services provides the solution

NOFALAB
Part of the Cotecna Group

Comprehensive testing of Pesticide Residues

- Multiresidue screening for all major chemical groups.
- Quantitative results benchmarked against EU Maximum Residue Limits (MRLs).
- Fast analytical results combined with accredited certificates.
- Detection of both regulated and emerging contaminants.

Quality Control and Survey Possibilities

- Batch-by-batch sample taking to present a representative sample to the laboratory.
- Batch-by-batch sample analytical certification to support customs clearance.
- Full survey documentation to support customs clearance.
- Full survey support for weight and transport documentation.

Why NOFALAB?

Accredited Methods
Trusted, internationally recognized and accepted as an independent accredited laboratory.

Industry Experience
Dedicated expertise in food, feed, and horticulture analysis.

Client Partnership
Customized support for producers, exporters, buyers and traders.

Market Advantage
Independent, supportive and strategic partner who is compliant, accepted and accredited for the quality expected to the European market.

Survey
Certified to give full independent accredited survey support throughout the supply chain.

About Cotecna

Cotecna is a leading provider of testing, inspection and certification services. We offer solutions to facilitate trade and make supply chains safer and more efficient for our clients. Our technical expertise combined with the superior quality of our services and our ability to anticipate our clients' needs is what sets us apart.

Founded in Switzerland in 1974, Cotecna started off as a family business and has now grown to become a world-class international player with over **7,400 employees** in more than **180 offices** and laboratories across approximately **50 countries**.

About our Agricultural Inspection & Testing Services

We provide verification, monitoring, weighing, sampling, testing and certification services throughout the agricultural supply chain, that:

- Assist the industry in producing, handling, transforming and commercialising their products.
- Help our clients mitigate risks, comply with contractual terms, and make business more sustainable.

About Cotecna Kenya

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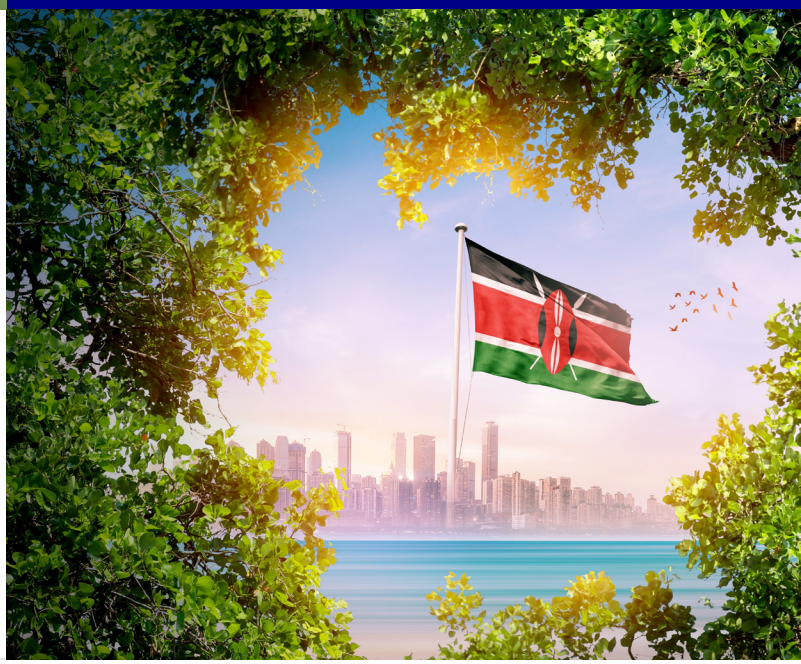

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