



ECOTOPIC'S NEW SERVICE OFFER

Innovative testing system for biochar, soils, and other materials

With our testing system, we now offer leaching and filtration tests that provide enhanced insight into your material's properties. Whether you're a producer, user, or responsible for biochar, soils, waste, wastewater streams, or other materials, we can tailor a solution to meet your needs!

OUR OFFER

- ✓ **Diverse Testing Opportunities:** We facilitate controlled flows of deionized water (leaching test) or contaminated water (filtration test) for up to 30 treatments
- ✓ **Leaching and Filter Potential:** Sampling of leachate enables the study of leaching or filtration potential in biochar, soils, and other materials
- ✓ **Insights and Analysis Options:** Gain valuable insights into leaching behavior and filter efficiency of various materials. Choose between accredited laboratory analyses facilitated by EcoTopic or self-directed analysis
- ✓ **Innovation and Applications:** Discover new applications or improvements for your materials in various industrial or environmental contexts

Testing operations are conducted by EcoTopic at Green Innovation Park, located at the Swedish University of Agricultural Sciences in Alnarp, Sweden. Contact us for a discussion on tailoring a test to meet your specific needs!

About EcoTopic AB

EcoTopic AB is a consulting firm specializing in biochar, offering project management, technical and economic advisory services, feasibility studies, funding applications, as well as lectures and training. With unique expertise and an extensive network in biochar production and utilization, we promote sustainability by driving the development of new products and applications for biochar.

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REFERENCES

- Tests conducted 2022-2023 as part of the Vinnova-funded project *Residues to Best Use*, involving substrates, soils, and biochar to examine phosphorus flows (<https://biokol.org/>)
- Testing system were utilized as a basis for contributions to Rise Research Institutes of Sweden AB's (Swedish) report on quality criteria for rain garden substrates, authored by Petterson Skog, A., Johansen, A., Farquharson, L., & Stenbeck, S. (2023), <https://urn.kb.se/resolve?urn=urn:nbn:se:ri:diva-67556>)
- Biochar and PFAS testing will be undertaken in an international project in 2024, led by Anna Augustsson at Linnaeus University, Sweden