

Beyond *Xylella*, Integrated Management Strategies
for Mitigating *Xylella fastidiosa* impact in Europe

PRACTICE ABSTRACT 2

New STRATEGIES AND IMPROVED METHODS FOR SURVEILLANCE, EARLY DETECTION AND MONITORING OF *Xylella* *fastidiosa* AND ITS VECTORS



BeXyl's main action plans are focused on developing advanced approaches for **Monitoring, Early Identification, and Surveillance of Xf and its vectors.**

How will BeXyl make a difference?

Improved Monitoring: We're introducing new ways to keep an eye on the disease, including the use of special light traps to catch insects that spread Xf.

Better plant and vector Testing: We're developing new and fast methods to detect infected plants using advanced cutting-edge molecular diagnostic techniques and bioinformatics.

Better Survey Techniques: We'll create better survey plans using advanced statistics and mathematical models and active search strategies to find the disease sooner and more accurately.

Using Technology Advancements: We'll use the latest advanced imaging from planes and satellites, as well as on-site analysis with proximal sensors, to spot the infection before plants show symptoms.

Dogs to the Rescue: Trained dogs will be used to sniff out the disease in plants that don't look sick yet, which could be really helpful at ports of entry and plant nurseries.

Education and Training: Through workshops and specialized training, we aim to enhance the skills of those on the frontline in diagnosing and managing the disease.

Awareness Campaigns: We aim to raise awareness about how serious this disease is, how to spot it encouraging everyone to be part of the solution.

Community Engagement and Cooperation: We'll launch a big communication effort, getting everyone involved from local communities to international partners.

By tackling the problem from all these angles, BeXyl hopes to protect our plants better and ensure the health and safety of our agriculture and natural landscape.

FOR MORE TECHNICAL AND DETAILED INFORMATION [CHECK HERE](#) THE EXTENDED VERSION