

AI-Powered Early Detection of Flavescence dorée in Vineyards

🇪🇺 ! Flavescence dorée phytoplasma is regulated at EU level as a Union quarantine pest under Regulation (EU) 2016/2031 and Commission Implementing Regulation (EU) 2019/2072, requiring Member States to carry out official surveillance and control measures.

SCALABLE SURVEILLANCE FOR A REGULATED, HIGH-IMPACT PLANT DISEASE



Data collection



AI processing & analysis



Actionable insights for teams



Proofminder DSP Network + Local partners



Geo-referenced risk maps



Prioritised field checks across large areas

AUTHORITIES AND INSPECTION TEAMS IMPROVE EFFICIENCY, PROTECT YIELD, AND PRESERVE VINEYARDS

PROVEN ON 7,200 HA IN HUNGARY

- National-scale validation: 7,200 ha pre-screened in one season
- Implemented with strong local and national partners
- Ready-to-use and scalable solution

BENEFITS

- Focuses inspections on high-risk zones
- Enables faster response to suspected outbreaks
- Supports more targeted interventions, reducing unnecessary pesticide use

IMPACT & MARKET POTENTIAL

- **3M+ ha** of vineyards at risk of FD across the EU
- Regulation-driven demand from ministries and plant health authorities
- Yield protection of +5% or more through earlier intervention
- Primary customers: Ministries, NPPOs, inspection authorities, wine regions, large vineyard operators