

LEVEL 3 • C23

Pests, Disease, and Phylloxera

PARTICIPANT WORKSHEET

THE RULE		
Write observation and documented evidence before explanation. Keep the final wine effect conditional.		
STEP	EVIDENCE OR HYPOTHESIS	CONFIDENCE / LIMIT
Direct observation or documented condition		
Predicted vine response		
Predicted grape consequence		
Possible wine effect		
Competing vineyard explanation		
Cellar, age, or service alternative		

Confidence

[] Strong evidence [] Plausible [] Insufficient evidence

LEVEL 3 • C23

Application and Evidence Audit

COMPLETE NO-WINE EXERCISE

Follow the North America-to-Europe invasion history, compare grafting with the survival routes of deep sand and maintained geographic isolation, then read a grafted-vine cutaway and an evidence-first response plan.

HISTORY + SURVIVAL ROUTES

Phylloxera moved from eastern North America with vine material and devastated susceptible European roots. Grafting joined European scions to resistant American-derived roots. COLARES shows the sand route: deep dune sand limits the pest. SOUTH AUSTRALIA shows the isolation route: exclusion, quarantine, and hygiene kept the pest out. Old vines are not immune.

Optional application

No default wine: None. Ungrafted-versus-grafted commercial comparisons do not isolate rootstock and are not evidence of sensory superiority.

APPLICATION CHECK	YOUR NOTES
What is directly observed?	
What is documented by a strong source?	
What remains an inference?	
What would improve confidence?	
What must this exercise not claim?	

One sentence worth keeping

Alternative explanation

What I would verify next