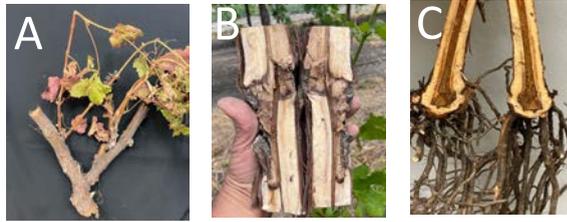


How to Collect and Submit Samples to Eskalen Lab

1) Collecting the Sample



Depending on the symptoms of the specimen, multiple samples may be needed to ensure proper identification of any pathogens (Ex: spurs (**Fig A**), cordons, trunk pieces (**Fig B**), root systems (**Fig C**), shoot systems etc.)

Samples should be taken from symptomatic areas of the specimen

Example in grapevine: if symptoms are on spurs and cordons, cut off that portion of grape vine, or until you find margin of symptomatic tissue (**Fig D and E**). If symptoms are prevalent amongst the entire canopy, its best to send entire grapevine, that way entire specimen can be inspected (**Fig F**)



2) Preparing the Sample



Tips: Tie plastic around root ball to keep leaves from getting dirty

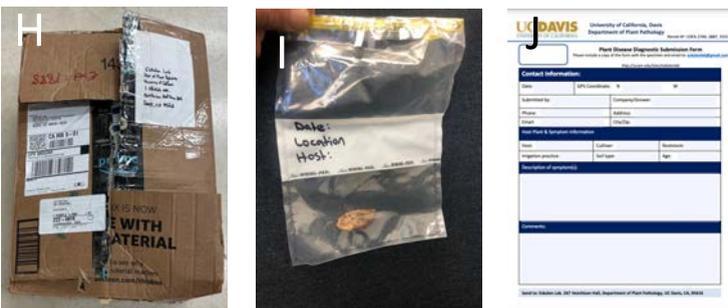
Cut sample into pieces in order to fit in mailing box (**Fig G and H**)

If possible, keep different portions of specimen in separate plastic bags (Ex: roots in one bag (**Fig I**), leaves in another bag, etc.)

Do not place samples in any type of liquid or wet paper towels

Include specimen submission form that you can download from our lab website

<https://ucanr.edu/sites/eskalenlab/> (**Fig J**)



3) Sending the Samples

Mail them overnight or drop them off to our lab if possible. **Do not mail samples on Friday or just before the holidays to avoid samples from becoming rotten/ contaminated in mailing storage.**

If you can not mail your samples same day, keep them in a cold room (preferably 40 F) until it can be mailed

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