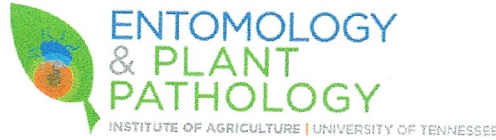


Plant Specimen Diagnostic Report # 2024-295

Soil Plant and Pest Center <soillab@tennessee.edu>
To: ashleycantrell3@gmail.com

Mon, Jun 10, 2024 at 2:19 PM



Soil, Plant, and Pest Center
UT Institute of Agriculture
5201 Marchant Drive
Nashville, TN 37211
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PLANT SPECIMEN DIAGNOSTIC REPORT Specimen # 2024-295

SUBMITTED BY Ashely Cantrell 136 Abbottsford Nashville, TN 37215 ashleycantrell3@gmail.com		PLANT Red Maple (<i>Acer rubrum</i>)	METHOD SUBMITTED Insects and Diseases - Horticulture
		VARIETY	CLASS OR-W
		INTERNAL LAB NO.	REPLY FROM LAB June 10, 2024
PHONE (210) 827-3736	COUNTY DAVIDSON, TN	PLANT MATERIAL leaves and branch	RECEIVED BY LAB May 31, 2024
CONDITION UPON ARRIVAL Good		DIAGNOSTICIAN(S) Dr. Nar Ranabhat Dr. Sylvia Moraes	
GENERAL OBSERVATIONS		DIAGNOSTIC TECHNIQUE(S) <input type="checkbox"/> Bioassay <input checked="" type="checkbox"/> Incubation <input type="checkbox"/> Serological <input type="checkbox"/> Tissue analysis <input type="checkbox"/> Lab Test <input type="checkbox"/> Soil Analysis <input type="checkbox"/> Biochemical <input checked="" type="checkbox"/> Microscope <input checked="" type="checkbox"/> Visual Observation <input checked="" type="checkbox"/> Culture <input type="checkbox"/> Molecular <input checked="" type="checkbox"/> Image <input type="checkbox"/> Nematode Extraction	
GROWER INFORMATION Ashely Cantrell 136 Abbottsford Nashville, TN 37215 (210) 827-3736 ashleycantrell3@gmail.com		REFERRAL INFORMATION	

Diagnosis/Recommendations

Diagnosis: Bacterial wetwood; slime flux (*Various Pathogens*)

Category: Bacteria

Comments: From the picture, we suspect bacterial wetwood or slime flux on the trunk. You can peel the bark to check if there is vascular discoloration. For more information about this disease, please see the link <https://ag.umass.edu/landscape/fact-sheets/wetwood-slime-flux>

Larva was observed in the branch vascular tissue. The insect can be contributing to the dieback, however, It can be a secondary issue.

Trees infected with Slime flux cannot be cured and will likely eventually die. However, you can extend the life of your plants by making sure that you water and fertilize properly. Also, prune the dieback branch.

Please contact the plant pest lab at plantlab@tennessee.edu with any additional questions.