

Plant Specimen Diagnostic Report # 2017-1236 (if forwarding this message, do so as an attachment)

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Date: Monday, July 31, 2017, 01:35 PM GMT-4



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PLANT SPECIMEN DIAGNOSTIC REPORT Specimen # 2017-1236

SUBMITTED BY Karen Rockoff Rockoff Land/Tree 885 Spicer Loop Kerrville, TX 78028 klrockoff@yahoo.com		PLANT Oak (<i>Quercus spp.</i>)	METHOD SUBMITTED COURIER - FedEx/UPS
PHONE 830-955-0304		COUNTY KERR, TX	VARIETY Lacey
CONDITION UPON ARRIVAL GOOD SAMPLE, COMPLETE FORM		PLANT MATERIAL BRANCH, TWIG(s) with ATTACHED LEAVES, ROOTS	CLASS TREE
GENERAL OBSERVATIONS Branch/twig sections w/leaves for Oak Wilt Assay Twig sections w/leaves exhibiting marginal chlorosis/necrosis;		INTERNAL LAB NO.	REPLY FROM LAB July 31, 2017
GROWER INFORMATION		DIAGNOSTICIAN(s) S.McBride - Extension Program Specialist	RECEIVED BY LAB June 30, 2017
REFERRAL INFORMATION REF: #1		DIAGNOSTIC TECHNIQUE(S) <input checked="" type="checkbox"/> GROSS VISUAL <input type="checkbox"/> BIOCHEMICAL <input type="checkbox"/> REGULATORY <input checked="" type="checkbox"/> MICROSCOPE <input type="checkbox"/> CHEMICAL ASSAY <input checked="" type="checkbox"/> SEROLOGICAL <input checked="" type="checkbox"/> CULTURE <input type="checkbox"/> MOLECULAR <input type="checkbox"/> SITE VISIT <input type="checkbox"/> SPECIALIZED MEDIA <input type="checkbox"/> NEMATODE <input type="checkbox"/> REFERRAL <input type="checkbox"/> BIOASSAY <input type="checkbox"/> PCR	

Diagnosis/Recommendations

Diagnosis: Oak wilt test-POSITIVE

Category: FUNGAL

Comments: Lab Summary:

Tissue isolations have confirmed the presence of the oak wilt pathogen, *Ceratocystis fagacearum*.

Oak wilt is an important disease, caused by infection by the fungal pathogen *Ceratocystis fagacearum*, that can cause serious damage and death to trees of the live oak and red oak group. Members of the live oak group generally tend to die slowly after infection occurs, whereas red oaks die rapidly after infection.