



Karen L. Rockoff <karenrockoff@gmail.com>

Plant Specimen Diagnostic Report # 2018-726 (if forwarding this message, do so as an attachment)

4 messages

PlantClinic@tamu.edu <PlantClinic@tamu.edu>
To: karenrockoff@gmail.com

Mon, Jun 18, 2018 at 10:34 AM



Texas Plant Disease Diagnostic Laboratory

1500 Research Parkway
Suite A130
http://plantclinic.tamu.edu
College Station, TX 77845
Phone: 979-845-8032 Fax: 979-845-6499
Email: PlantClinic@tamu.edu

PLANT SPECIMEN DIAGNOSTIC REPORT Specimen # 2018-726

SUBMITTED BY Karen Rockoff Rockoff Land/Tree 885 Spicer Loop Kerrville, TX 78028 karenrockoff@gmail.com		PLANT Mexican White Oak (<i>Quercus polymorpha</i>)	METHOD SUBMITTED COURIER - FedEx/UPS
		VARIETY Monterrey	CLASS TREE
		INTERNAL LAB NO.	REPLY FROM LAB June 18, 2018
PHONE 830-955-0304	COUNTY KERR, TX	PLANT MATERIAL BRANCH(es), TWIG(s) with ATTACHED LEAVES	RECEIVED BY LAB June 6, 2018
CONDITION UPON ARRIVAL GOOD SAMPLE, COMPLETE FORM		DIAGNOSTICIAN(S) S.McBride - Extension Program Specialist	
GENERAL OBSERVATIONS Branch/twig sections w/leaves for Oak Wilt Assay		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 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	
GROWER INFORMATION [REDACTED] Bandera Hwy TX		REFERRAL INFORMATION REF: #1	

Diagnosis/Recommendations

Diagnosis: Oak Wilt Positive (*Ceratocystis fagacearum*)

Category: FUNGAL

Comments: Lab Summary:

OAK WILT -- --> POSITIVE

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. Symptoms consist of a generalized desiccation and browning of the leaves, often preceded by an "olive-green" somewhat shiny appearance. Leaf margins and leaf tips may also turn brown and dry up. Often, all of these symptoms can be found on leaves on the tree or on leaves that have fallen from the tree and collected on the ground under the tree. Often, only a few limbs and branches will have leaves with these symptoms. "Flagging", in which leaves on a single branch become symptomatic (as indicated above), is a