Customer: Llanblethian Orchards Fax/E-mail: alex.simmens@gmail.com Customer Ref: Cider apples Fera Reference: 21211109 Sample Received: 28/06/2012 Date: 11/07/2012





Final Report for : Sample of Malus

We have completed all tests and found the following.

Sample **21211109** : Results from **Mycology** department: Sample Received: 28/06/2012 Customer ref: Cider apples Host: Malus

Nectria galligena

Fusarium spp.

Tests on the 'leading edge' of the dieback resulted in consistent recovery of a *Fusarium* species fitting the description of *Fusarium lateritium*. This fungus can cause limited dieback on a wide range of trees and shrubs, but usually requires some form of damage to colonise the twigs.

Incubation of the material at high humidity also resulted in one or two cases in production of spores of the canker fungus *Nectria galligena*. It is therefore quite possible that canker could be the primary cause of the problem here, with the *Fusarium* following and possibly extending the damage.

I hope this information is of use to you. If you have any queries regarding this report, please contact me on the number below.

Yours sincerely,

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While all reasonable care is taken to ensure the accuracy and reliability of our identifications based on the sample submitted, no liability can be accepted by the Food and Environment Research Agency or its staff, nor the Department for Environment, Food and Rural Affairs in respect of any loss, damage or injury, howsoever caused, which may be suffered as a result of this work.