

4. CHECK INDIVIDUAL GRAPEVINE FOR VIRUSES USING ELISA AND HERBACEOUS TESTS

PURPOSE: Check individual grapevines for virus diseases that can be detected with prescribed ELISA and Herbaceous Tests.

SUPPLY: For each Candidate submitted, customer will ideally provide to FPS 16 dormant hardwood cutting cut from a **single** vine that are 18"-20" (40-50cm) long and with a diameter of 3/8" to 1/4" (6-9 mm). Cuttings should be collected from four (4) sides of each vine (4 cuttings/side) and supplied during the period of December through March. Other time frames and smaller quantities of materials may result in processing delays.

PROCEDURE: FPS will test each vine submitted using prescribed ELISA and Herbaceous Tests.

RESULT: FPS will provide all test results to the Customer. Vines that are ELISA and Herbaceous tested **will not** be made eligible for inclusion in the California Grapevine Registration and Certification Program by these tests, regardless of the results.

FPS does not guarantee that virus will be detected if present, because research suggests that virus is not evenly distributed throughout infected vines. Collecting wood for testing from four different quadrants of the vine increases the possibility of detecting an unevenly distributed infection, but will not guarantee detection.

TIME: Approximately 4-5 months are required to complete this service.

FEES: Customer agrees to pay to FPS \$750/vine plus all costs incurred by the FPS to transport plant materials for testing to UC Davis.

Fees for this service are due when this service Agreement is submitted to FPS. Checks should be payable to "The Regents of the University of California". FPS will bill Customer for any transportation costs.