

1. MICRO SHOOT TIP CULTURE OR HEAT THERAPY & COMPLETE TESTING PANEL

- PURPOSE:** Attempt to eliminate harmful viruses from domestic and foreign Candidates using (Customer check one): Micro Shoot Tip Culture **or** Heat Therapy and qualify them for the California Grapevine Registration & Certification Program and/or release from Federal quarantine.
- SUPPLY:** For each Candidate submitted, customer will ideally provide to FPS 25-30 dormant hardwood cuttings 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 supplied during the period of December through March. Other time frames and smaller quantities of materials may result in processing delays.
- PROCEDURE:** FPS will pretest Candidate(s) using ELISA, Herbaceous, and Field methods to determine the initial disease status and concurrently produce plants from the Candidate using the selected disease elimination treatment. FPS will also ELISA, Herbaceous, and Field Test treated plants to determine if disease has been successfully removed.
- The Customer shall confirm, in writing, the accuracy of Candidate(s)' variety identity, both at FPS and in its own planting after release from quarantine or return of domestic materials.
- RESULT:** FPS will produce and provide ten (10) small own-rooted plants produced from treated **domestic** material, along with all test results, to Customer. FPS propagations of domestic Candidates that are negative on all required tests will be eligible for inclusion in the California Grapevine Registration and Certification Program.
- FPS will return all **foreign** Candidate test results to the Customer. If foreign Candidate(s) qualify for release from Federal and State quarantine, then FPS will provide ten (10) small own-rooted plants/Candidate to Customer. FPS propagations of foreign Candidates that are negative on all required tests will be eligible for inclusion in the California Grapevine Registration and Certification Program.
- Due to the technical uncertainties of the treatment process, FPS does not guarantee that materials qualified for release from Federal quarantine and/or inclusion in the California Registration and Certification Program will result from the treatment/testing program used
- TIME:** Approximately 4-10 years are required to complete this service.
- FEES:** Customer agrees to pay to FPS \$5000/domestic public or proprietary selection, \$5000/foreign public selection, or \$6500/foreign proprietary selection, plus all costs incurred by FPS to transport plant materials for testing to UC Davis. Service fees are due when this 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.