



Farm Bill Goal I: Survey and Analysis 2013 Program Directed *P. ramorum* Survey Criteria

Revised January 2020

The *P. ramorum* surveys will be strategic and aimed at filling gaps in our knowledge about the distribution of the pathogen and its risk to the natural environment. The goal of the *P. ramorum* survey is to protect native biodiversity and natural resources of states with high risk environments, specifically in states **currently not regulated for *P. ramorum***. To facilitate this goal, the objectives of the Farm Bill National Survey of *P. ramorum* are to:

- survey nurseries that ship *P. ramorum* host plants interstate, particularly the high risk genera (*Camellia*, *Rhododendron*, *Viburnum*, *Pieris*, *Kalmia*) as these nurseries may ship to areas considered to be at high risk to disease (e.g. SOD-like) outbreak,
- survey propagation, wholesale and broker nurseries containing *P. ramorum* host plants, particularly the high risk genera (*Camellia*, *Rhododendron*, *Viburnum*, *Pieris*, *Kalmia*) that are located in states with areas considered to be at high risk to disease (e.g. SOD- like) outbreak, and,
- survey the environment adjacent to nurseries with a history of *P. ramorum* detection (in plants, soil, water and streams)

Base the cooperative agreement workplan on the following criteria:

- a. In states that contain areas that are at risk environments, priority must be given to those nurseries containing host plants located within or adjacent to those environments, such as forests, open spaces or greenbelts containing host genera.
- b. At least one third of the nurseries surveyed are inter-state shippers (propagators, wholesalers, or retailers) of host plants. The remainder is non-interstate shipping nurseries that propagate or wholesale hosts plants, then intrastate retailers.
- c. Up to 20% of the total allocation can be utilized to survey the environment around the perimeter (within 10 meters) of nurseries with a history of *P. ramorum* detection.
- d. Up to 10% of the total allocation can be utilized for pre-survey research on nursery establishments within the state to determine which nurseries meet the selection criteria.
- e. Collect information in each nursery utilizing the *P. ramorum* Nursery Survey IPHIS template (contact your *P. ramorum* Operations Manager for details). Input these data into IPHIS and/or provide to the *P. ramorum* Operations Manager via spreadsheet or word document. In addition, submit a Status Report (template provided when cooperative agreement is signed) twice a year (during the middle and end of the award period).

- f. Samples collected from this and other APHIS funded surveys that are suspect positive must be forwarded to APHIS (or a NPPLAP accredited lab) for further testing.

Samples confirmed positive must be reported to the SPRO/SPHD, then to the *P. ramorum* Operations Manager within 24 hours of the SPRO/SPHD notification.

- g. Utilize the plant and water sampling instructions in the *Phytophthora ramorum* Program Manual

For further information please contact your [State Plant Health Director](#) and the *P. ramorum* National Operations Manager:

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