

Washington State Department of Agriculture

2021 *Phytophthora ramorum*/ Sudden oak death summary report

Nursery Activity

- Washington State Department of Agriculture (WSDA) assisted in the required certification sampling for Washington's only interstate shipping nursery under a Federal compliance agreement for *Phytophthora ramorum*. Spring and fall surveys were conducted at the nursery. All foliar and water samples were negative in 2021.
- WSDA inspected seven of the nine 'opt-out' nurseries in 2021. These are nurseries that 'opted-out' of the Federal DA-2014-2 regulations and can no longer ship interstate. Host material appeared free of symptoms and no samples were collected. WSDA confirmed the nine 'opt-out' nurseries are not shipping interstate.
- WSDA conducted the required follow-up inspections at two retail nurseries that were positive in 2019 and underwent the Retail CNP. All plants on site were visually inspected for symptoms of *P. ramorum*. Plants appeared healthy, and no samples were collected.

Residential Activity

- WSDA conducted the required follow-up inspections at four residential locations in King County that were positive in 2020 due to a trace-forward from an out-of-state positive nursery. All plants on site were visually inspected for *P. ramorum* symptoms. Plants appeared healthy, and no samples were collected. Follow up inspections at these residential sites will also occur in 2022.

Trace-Forward Nursery Activity

- WSDA conducted three trace-forward investigations from out-of-state positive nurseries.
 - In January, nine receiving locations in Washington were inspected during a trace forward from an out-of-state positive nursery. Most host plants had been sold. Remaining plants on site were in good condition.
 - In March, seven receiving locations in Washington were inspected during a trace forward from an out-of-state positive nursery. Seven samples were collected, and all tested negative for *P. ramorum*. All other host plants were in good condition.
 - In June, eight receiving locations in Washington were inspected during a trace forward from an out-of-state positive nursery. One sample was collected; it tested negative for *P. ramorum*. All other host plants were in good condition or had been sold.

Other Activity

- A two-day survey was conducted in May at the botanical garden in Kitsap County first found positive for *P. ramorum* in 2015. All foliar samples were negative.

Since February 2016, over 4,500 samples have been collected at the garden with all plant samples being negative for *P. ramorum*. In coordination with the USDA to deregulate this site, the botanic garden will no longer undergo routine surveys for *P. ramorum*. Instead, the garden will be monitored under a WSDA compliance agreement that prescribes the continued use of Best Management Practices (BMPs) that have been successful to date.

2021 Sample Summary –Washington State

TOTAL SAMPLING IN 2021

Total number of regulatory samples collected (all sites)	1262
Total number of nursery samples collected	827
Total number of non-nursery samples collected	435
Total number of confirmed positive PLANT samples (2021)	0
Total number of confirmed positive WATER samples (2021)	3

SAMPLING (Botanic Garden)

Total number of samples collected	268
Total number of confirmed positive plant samples	0
Total number of confirmed positive water samples	3

SAMPLING (WA Department of Natural Resources Stream Baiting tested by WSDA)

Total number of DNR stream baiting samples collected	78
Total number of DNR confirmed positive water samples	0