

***PHYTOPHTHORA RAMORUM*: CONFIRMED NURSERY PROTOCOL CHECKLIST**

This checklist is a quick reference for officials conducting the Confirmed Positive Nursery Protocol. More detailed information can be found in the USDA [Phytophthora ramorum Domestic Regulatory Program Manual](#) on the pages listed below. Note that many of the actions outlined are conducted concurrently.

After *Phytophthora ramorum* is detected at a nursery:

- ☐ Notify relevant officials and nursery of the positive plant(s) ([page 3-4](#)).
- ☐ Issue the nursery a hold notice. The entire nursery will remain on hold until the delimiting inspection is performed and inspector releases asymptomatic blocks ([page 3-6](#)).
- ☐ Issue a compliance agreement ([page 3-6](#)).
- ☐ Request trace forward/back records. Submit trace records to the NOM within 5 business days. Perform trace investigations at establishments that received positive or high-risk genera or supplied positive plants ([page 3-5](#)).
- ☐ Supply the nursery with a [host list](#). Obtain an inventory of all host material present in the nursery to the genus level.
- ☐ Perform a delimitation inspection by visually inspecting and sampling symptomatic plant(s) in the entire nursery (starting outside of the blocks containing positive plants) ([page 3-7](#)). Collect the prescribed number of delimiting samples per positive block ([page 3-16](#)).
- ☐ All sampled plants remain on hold until diagnostic results are received. Blocks with confirmed positive plants remain on hold ([page 3-4](#)). Asymptomatic plants outside of confirmed positive blocks can be released from hold at the inspector's discretion.
- ☐ Mark Destruction (D) and Quarantine (Q) radii around the positive plant(s) ([page 3-6](#), D and Q radii schematic on [page 3-11](#)). All plants are held in D and Q radii whether regulated hosts or not.

Once delimitation survey samples are negative:

- ☐ Begin minimum 90-day quarantine when all delimitation samples are determined negative ([page 3-9](#)). Any positives during this time will reset the 90-day quarantine.

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- ☐ To avoid the minimum 90-day quarantine period the nursery can choose the Alternative Quarantine Release Strategy (AQRS; [page 3-9](#)) and destroy all the plants in the D and Q radii.
- ☐ If not adopting the AQRS, destroy all plants in the D Radius ([page 3-11](#)). Plants in the Q radii are subject to the minimum 90-day quarantine period.
- ☐ Visually inspect all hosts and associated plants (HAP) in the nursery and sample symptomatic material halfway through the 90-day quarantine (45-day inspection) ([page 3-9](#)).
- ☐ Visually inspect all HAP in the nursery and sample symptomatic material near end of 90-day quarantine (90-day inspection) ([page 3-9](#)). Release the Q radius plants if samples are determined negative or no symptomatic plants were observed.
- ☐ Conduct the Critical Control Point (CCP) inspection and complete report using the [PPQ template](#) ([page 3-19](#)). Review findings with the nursery and send completed CCP template to PPQ NOM.
- ☐ Update the compliance agreement with CCP findings. Have the compliance agreement reviewed and signed by nursery and officials.
- ☐ Perform post-quarantine release monitoring with six biannual inspections during environmental conditions conducive to symptom expression ([page 3-9](#)). Nursery must complete six consecutive inspections, with negative results, to be released from the compliance agreement.