



United States Department of Agriculture

Animal and Plant Health Inspection Service

Pest Management - Plant Health Programs – Program Update

Program: *Phytophthora ramorum* Date: September 30th, 2013

APHIS *Phytophthora ramorum* Program 2013, 3rd Quarter Summary

Background and History:

The APHIS-PPQ *P. ramorum* regulatory program initiated with the First Interim Rule February 14, 2002, is now in its 11th year. Currently 14 counties in California and 202 square miles in Curry County, in Oregon are designated as quarantine areas for *P. ramorum* regulated articles. The remaining counties in California and Oregon, and the entire state of Washington are designated as regulated areas for inter-state shipment of nursery stock. **Presence of *P. ramorum* in the environment has not caused disease outbreaks in the forest landscape outside the currently quarantined counties in CA and OR.** The USDA *P. ramorum* quarantine program, in place since 2002, has been successful in limiting the pathogen's artificial spread into the environment beyond the currently quarantine areas. The *P. ramorum* program in consultation with stakeholders has funded and developed several survey and remediation protocols, outreach and training initiatives. These efforts have benefitted the nursery industry by assuring the commercial movement of disease-free plants. Between, January 1st to September 30th, 2013 *P. ramorum* has been reported in 18 host nurseries located in three regulated states and one non-regulated state (NY). The positive nurseries were located in California (1), Oregon (10), Washington State (6) and New York State (1). Of the 18 positive nurseries, 14 were inter-state shippers and 4 retail establishments. Only 6 of the inter-state shippers had shipped in the previous (Jan-Sept, 2013) 9 months. So far, there have been no detections of *P. ramorum* on trace forward material in receiving states. There were three major trace investigations undertaken during May-September, 2013 to track plant shipments from 3 positive nurseries in Oregon. Two of the nurseries where the shipments originated from are on-line retail businesses. So far no positive plants have been detected at their destination.

Revisions to regulatory requirements to non-host nurseries in CA, OR and WA:

On July 03, 2013 APHIS issued a Federal Order (DA-2013-27) that revised *P. ramorum* domestic quarantine relieving regulatory requirements for certain non-host nurseries. After July 3rd, APHIS will no longer impose *P. ramorum* regulatory requirements for the interstate movement of non-host nursery stock from certain nurseries located in the regulated areas of California, Oregon, and Washington. Specifically, nurseries located in regulated areas that do not contain, and that do not ship nursery stock listed as proven host taxa or as associated plant taxa are no longer required to comply with 7CFR 301.92. APHIS will, however, continue to regulate all interstate shipping nurseries located in quarantine areas, including those that contain only non-host nursery stock. APHIS took this action based on regulatory data obtained since 2004, which indicate no detections of *P. ramorum* in non-host nurseries. The reason for continued regulation of non-host nurseries located in quarantine areas that have no *P. ramorum* detections is based on the presence of *P. ramorum* in the surrounding natural environment, the inseparability of the areas for quarantine enforcement purposes, and the strategy for risk mitigation. This amendment to the regulations will assist both APHIS and State Regulatory Agencies to refocus their resources on nurseries located in quarantine areas and those high-risk nurseries where *P. ramorum* has been

detected, while minimizing the burden on the nursery industry. If APHIS revises the list of proven or associated plant host taxa to include new host plant genera/species, then nurseries in regulated areas that grow the new proven host taxa will be subjected to the regulations under 7 CFR 301.92. Regulated host nurseries may be eligible for unrestricted movement if they discontinue the growing, processing, handling or shipping of regulated or associated articles of nursery stock, and if inspection conducted in accordance with 7 CFR 301.92-11 reveals freedom from *P. ramorum*. More details on the FO can be obtained from the APHIS *P. ramorum* website: http://www.aphis.usda.gov/plant_health/plant_pest_info/pram/downloads/pdf_files/DA-2013-27.pdf

APHIS Expands *Phytophthora ramorum* Quarantine Area in Curry County, Oregon

On August 23, 2013, the Animal and Plant Health Inspection Service (APHIS) issued a Federal Order (DA-2013-36) expanding the *Phytophthora ramorum* quarantine area in Curry County, Oregon. APHIS took this action in response to the confirmation of *P. ramorum* in additional areas and the establishment of an intrastate quarantine for the areas in Curry County that mirrors the Federal Regulatory requirements as specified in 7 CFR 301.92. This federal order will expand the current quarantine area in Curry County from 202 square miles to 264 square miles. The quarantined counties in CA are Alameda, Contra Costa, Humboldt, Lake, Marin, Mendocino, Monterey, Napa, San Francisco, San Mateo, Santa Clara, Santa Cruz, Solano and Sonoma Through ongoing surveys, APHIS-PPQ continues to define the extent of the pathogen’s distribution in the United States and limit its artificial spread beyond infected areas through quarantine and a public education program. Details on APHIS-designated *P. ramorum* quarantined and regulated areas are also available at:

http://www.aphis.usda.gov/plant_health/plant_pest_info/pram/downloads/pdf_files/quarantine_map.pdf

Program Updates:

Nursery Detections to date (2000 – June 2013)

Year	# Nurseries	# States	Notes
2000, and prior	Zero		There were no reported nursery detections prior to 2001
2001	One	California	In infested area
2002	Zero		
2003	20	3	CA, OR, WA
2004	176	21	125 linked to one nursery’s shipments
2005	99	7	
2006	62	11	
2007	23	6	
2008	28	8	
2009	26	11	Also, 6 landscape detections in 4 states; Data 2009 , Dec 31st
2010	34	13	33 nurseries, and 1 greenhouse, 2 landscape detections.
2011 Jan-Dec	23	5	23 nursery detections, 1 residential, 1 landscape
2012 Jan-Dec	33	8	33 Detections were in nurseries located in CA, OR, WA, NC, ME, NY, PA. IN and 3 Residential finds (ME, OR, CA)
2013 Jan-Sept	18	4	15 detections in CA (1), OR (10) and WA

			(6), NY (1). Detections were in 14 inter-state shippers and 4 retail, non-interstate shipping nurseries
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Details of detections from January to September 30th, 2013:

Between, January 1st to September 30th, 2013 *P. ramorum* has been reported in 18 host nurseries located in three regulated states and one non-regulated state (NY). The positive nurseries were located in California (1), Oregon (10), Washington State (6) and New York State (1). Most of the positive nurseries (16) located in the regulated counties, except one inter-state shipper located in a quarantined County (Santa Clara) in California. Of the 18 positive nurseries, 14 were inter-state shippers and 4 retail establishments. The interstate shippers were located in CA (1); OR (8), Washington (4) and NY (1). Only 6 of the inter-state shippers had actually shipped in the previous (Jan-Sept, 2013) 9 months. No host plants were shipped from the positive nursery in NY. So far, there have been no detections of *P. ramorum* on trace forward material in receiving states. There were three major trace investigations undertaken during May-Sept, 2013 to track plant shipments from 3 positive nurseries in Oregon. Two of the nurseries where the shipments originated from are on-line retail businesses. So far no positive plants have been detected at their destination.

***P. ramorum* detections in various Critical Control Points (plants, soil, water, cull pile, potting media): January to Sept 30th, 2013:**

Plants:

High Risk Hosts: *Camellia* (2); *Kalmia* (6); *Pieris* (6); *Rhododendron* (50); *Viburnum* (8)

Associated hosts: *Choisya* (1); *Gaultheria* (1); *Loropetalum* (2); *Magnolia* (1); *Parrotia* (1); *Trachelospermum* (1)

Associated articles:

Potting Media (1)

Soil Sample (4)

Water Sample (3)

Cull Pile Sample (1)

Positive Detections 2013 January – September 30th, 2013

PLANT SPECIES/VARIETY	STATE	COUNTY	DATE CONFIRMED
<i>Camellia</i> 'April Dawn'	OR	Clackamas (Regulated)	12-Apr-13
<i>Camellia</i> 'Rosehill Red'	OR	Clackamas (Regulated)	12-Apr-13
<i>Choisya ternata</i>	OR	Clackamas (Regulated)	19-Jun-13
Cull Pile Sample	OR	Clackamas (Regulated)	28-May-13
<i>Gaultheria shallon</i>	OR	Clackamas (Regulated)	12-Apr-13
<i>Kalmia latifolia</i> 'Sarah'	WA	King (Regulated)	5-Aug-13
<i>Kalmia latifolia</i> 'Bullseye'	WA	King (Regulated)	17-Jul-13
<i>Kalmia latifolia</i> 'Bullseye'	WA	Kitsap (Regulated)	28-Feb-13
<i>Kalmia latifolia</i> 'Elf & Pink Charm3'	WA	King (Regulated)	22-Aug-13
<i>Kalmia latifolia</i> 'Olympic Fire'	WA	King (Regulated)	10-Jul-13
<i>Kalmia</i> sp.	OR	Clackamas (Regulated)	3-May-13
<i>Loropetalum</i>	CA	Santa Clara (Quarantine)	18-Apr-13
<i>Loropetalum</i>	CA	Santa Clara (Quarantine)	21-May-13
<i>Magnolia grandiflora</i>	OR	Washington (Regulated)	26-Apr-13
<i>Parrotia persica</i>	OR	Clackamas (Regulated)	22-Aug-13
<i>Pieris japonica</i>	WA	Snohomish (Regulated)	20-Jun-13
<i>Pieris japonica</i> 'Forest Flame'	OR	Clackamas (Regulated)	12-Apr-13
<i>Pieris japonica</i> 'Forest Flame'	OR	Clackamas (Regulated)	12-Apr-13
<i>Pieris japonica</i> 'Forest Flame'	OR	Clackamas (Regulated)	12-Apr-13
<i>Pieris taiwanensis</i>	OR	Clackamas (Regulated)	19-Jun-13
<i>Pieris taiwanensis</i>	OR	Clackamas (Regulated)	19-Jun-13
Potting Media	OR	Washington (Regulated)	20-May-13
<i>Rhododendron</i> 'Anah Kruschke'	OR	Clackamas (Regulated)	12-Apr-13
<i>Rhododendron</i> 'Anah Kruschke'	OR	Washington (Regulated)	16-Apr-13
<i>Rhododendron</i> 'Anah Kruschke'	WA	Kitsap (Regulated)	28-Feb-13
<i>Rhododendron augustinii</i> 'Electra'	WA	Kitsap (Regulated)	15-Mar-13
<i>Rhododendron</i> 'Baden Baden'	OR	Clackamas (Regulated)	12-Apr-13
<i>Rhododendron</i> 'Baden Baden'	OR	Clackamas (Regulated)	12-Apr-13
<i>Rhododendron</i> 'Baden Baden'	OR	Clackamas (Regulated)	12-Apr-13
<i>Rhododendron</i> 'Baden Baden'	OR	Clackamas (Regulated)	16-May-13
<i>Rhododendron</i> 'Baden Baden'	OR	Clackamas (Regulated)	16-May-13
<i>Rhododendron</i> 'Baden Baden'	WA	King (Regulated)	2-Jul-13
<i>Rhododendron</i> 'Baden Baden'	WA	Kitsap (Regulated)	8-Mar-13
<i>Rhododendron bathyphyllum</i>	OR	Lane (Regulated)	23-May-13
<i>Rhododendron bathyphyllum</i>	OR	Lane (Regulated)	23-May-13
<i>Rhododendron</i> 'Blewbury'	OR	Lane (Regulated)	6-Jun-13
<i>Rhododendron</i> 'Boule de Neige'	OR	Clackamas (Regulated)	19-Jun-13

PLANT SPECIES/VARIETY	STATE	COUNTY	DATE CONFIRMED
<i>Rhododendron Catawbiense</i> 'Album'	NY	Suffolk County	27-Jun-13
<i>Rhododendron Catawbiense</i> 'Grandiflorum'	NY	Suffolk County	19-Jul-13
<i>Rhododendron</i> 'Cheer'	OR	Clackamas (Regulated)	12-Apr-13
<i>Rhododendron</i> 'Cheer'	OR	Clackamas (Regulated)	19-Jun-13
<i>Rhododendron</i> 'Cunningham's White'	OR	Clackamas (Regulated)	12-Apr-13
<i>Rhododendron</i> 'Cunningham's White'	OR	Clackamas (Regulated)	12-Apr-13
<i>Rhododendron</i> 'Daphnoides'	WA	Kitsap (Regulated)	15-Mar-13
<i>Rhododendron</i> 'Goldkrone'	OR	Lane (Regulated)	6-Jun-13
<i>Rhododendron</i> 'Janet Blair'	WA	King (Regulated)	17-Jul-13
<i>Rhododendron</i> 'Lee's Dark Purple'	WA	Kitsap (Regulated)	8-Mar-13
<i>Rhododendron</i> 'Nova Zembla'	NY	Suffolk County	27-Jun-13
<i>Rhododendron</i> 'Nova Zembla'	NY	Suffolk County	3-Jul-13
<i>Rhododendron</i> 'Nova Zembla'	NY	Suffolk County	19-Jul-13
<i>Rhododendron</i> 'Orange Leopard'	OR	Lane (Regulated)	23-May-13
<i>Rhododendron</i> 'PJM'	WA	Kitsap (Regulated)	8-Mar-13
<i>Rhododendron</i> 'PJM Regal'	WA	Snohomish (Regulated)	1-Jul-13
<i>Rhododendron</i> 'Pohjola's Daughter'	OR	Clackamas (Regulated)	16-May-13
<i>Rhododendron</i> 'Purple Passion'	WA	King (Regulated)	14-May-13
<i>Rhododendron</i> 'Raisa'	OR	Lane (Regulated)	6-Jun-13
<i>Rhododendron</i> 'Roseum Elegans'	NY	Suffolk County	26-Jun-13
<i>Rhododendron</i> sp.	OR	Clackamas (Regulated)	3-May-13
<i>Rhododendron</i> sp.	OR	Clackamas (Regulated)	16-May-13
<i>Rhododendron</i> sp.	OR	Clackamas (Regulated)	16-May-13
<i>Rhododendron</i> sp.	OR	Clackamas (Regulated)	16-May-13
<i>Rhododendron</i> sp.	OR	Clackamas (Regulated)	16-May-13
<i>Rhododendron</i> sp.	OR	Clackamas (Regulated)	19-Jun-13
<i>Rhododendron</i> sp.	OR	Lane (Regulated)	6-Jun-13
<i>Rhododendron</i> sp.	OR	Lane (Regulated)	6-Jun-13
<i>Rhododendron</i> sp.	OR	Lane (Regulated)	6-Jun-13
<i>Rhododendron</i> sp.	OR	Lane (Regulated)	6-Jun-13
<i>Rhododendron</i> 'Unique'	OR	Clackamas (Regulated)	16-May-13
<i>Rhododendron</i> 'Unique'	OR	Washington (Regulated)	25-Mar-13
<i>Rhododendron</i> 'Unique'	OR	Washington (Regulated)	25-Mar-13
<i>Rhododendron</i> 'Unique'	OR	Washington (Regulated)	16-Apr-13
<i>Rhododendron</i> 'Unique'	OR	Washington (Regulated)	3-May-13
Soil Sample	OR	Clackamas (Regulated)	4-Jun-13
Soil Sample	WA	King (Regulated)	16-Aug-13
Soil Sample	WA	Kitsap (Regulated)	11-Apr-13

PLANT SPECIES/VARIETY	STATE	COUNTY	DATE CONFIRMED
Soil Sample	WA	Kitsap (Regulated)	1-May-13
<i>Trachelospermum jasminoides</i>	OR	Clackamas (Regulated)	12-Apr-13
<i>Viburnum davidii</i>	WA	Snohomish (Regulated)	1-Jul-13
<i>Viburnum davidii</i>	WA	Snohomish (Regulated)	1-Jul-13
<i>Viburnum</i> sp.	OR	Josephine (Regulated)	31-May-13
<i>Viburnum tinus</i>	WA	King (Regulated)	5-Jul-13
<i>Viburnum tinus</i> 'Spring Bouquet'	WA	Snohomish (Regulated)	20-Jun-13
<i>Viburnum tinus</i> 'Spring Bouquet'	OR	Clackamas (Regulated)	12-Apr-13
<i>Viburnum tinus</i> 'Spring Bouquet'	WA	Thurston (Regulated)	21-May-13
<i>Viburnum</i> 'Pink Dawn'	OR	Washington (Regulated)	30-Apr-13
Water Sample	WA	Kitsap (Regulated)	11-Jun-13
Water Sample	WA	Kitsap (Regulated)	19-Aug-13
Water Sample	WA	Kitsap (Regulated)	19-Aug-13

Notes: *Camellia* (2); *Choisya* (1); Cull Pile Sample (1); *Gaultheria* (1); *Kalmia* (6); *Loropetalum* (2); *Magnolia* (1); *Parrotia* (1); *Pieris* (6); Potting Media (1); *Rhododendron* (50); Soil Sample (4); *Trachelospermum* (1); *Viburnum* (8); Water Sample (3)

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www.aphis.usda.gov/plant_health/plant_pest_info/pram