Addendum 1

Phytophthora Ramorum Core Program Data – Visual

Program: P Ramorum
Survey Type: Visual
Survey Situation: Detection
State(s): Multistate
Office(s): USDA/APHIS and State Cooperators
Target(s): *Phytophthora ramorum*

Data Sharing System: APHIS GIS Portal
Data Sharing Frequency: Weekly*
Timelines: Current Day

**or within a reasonable time negotiated with the ADODR*

Parcel Data: Attributes associated with the place where USDA APHIS PPQ and Cooperators conduct plant safeguarding activities.			
Data Field Name	**Req.**	**Value(s)**	**Description**
SITE_NAME	*	Nursery Name	Nursery Name (second visit)
SITE_TYPE	*	Nursery Environmental	Type of Site. Single-select from drop-down menu.
NURSERY_PHONE_NUMBER	*	Numeric	Operational Data: Nursery Phone Number
NURSERY_FAX_NUMBER	*	Numeric	Operational Data: Nursery Fax Number
NURSERY_EMAIL	*	Text	Operational Data: Nursery Email
NURSERY_TYPE	*	Broker Environmental Intrastate Interstate Other Production Residential Retail-Single Site Retail-Big Box Retail-Online Wholesale	Type of Nursery. Multi-select from drop-down menu.
POC	*	Text	Point of Contact
ADDRESS	*	Text	Nursery Address
CITY	*	Text	City
STATE_CODE	*	2 character text	State Code
ZIP_CODE	*	Numeric	Zip Code
COUNTY_NAME	*	Text	County Name
GEOGRAPHY	*	Parcel polygon or point	County polygon data or other data as available; Post-processing in office after field operations, as needed
WEBSITE	*	Yes No	Select from drop-down menu
HOST_PLANTS_SOLD	*	Camellia Kalmia Laurus Leucothoe Mahonia Other Pieris Rhododendron Syringia Viburnum	Host plant name. Multi-select from drop-down menu.
HOST_PLANTS_SOLD_OTHER		Text	List other host plant names, if applicable.

PARCEL DATA continued

*Note: Items with * are required for the program. Items that are not listed as required are highly recommended.*

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PARCEL DATA continued

HOST_PLANTS_PROPOGATED	*	Yes No	Select from drop-down menu
HOST_PLANTS_RECEIVED	*	Yes No	Select from drop-down menu
NURSERY_SHIPS_INTERSTATE	*	Yes No	Select from drop-down menu
NURSERY_PREVIOUSLY_POSITIVE	*	Yes No	If "Yes" provide the corresponding months and years. Select from drop-down menu.
TRACE_OUTS	*	Yes - Trace Forward Yes - Trace Back No Do not know	Multi-select from drop-down menu
HOST_PLANT_PLACEMENT	*	On soil On benches On gravel Other Standing water	Multi-select from drop-down menu
PLANTING_CONTAINERS_SANITATION	*	Other Recycled with sanitation Recycled without sanitation	Multi-select from drop-down menu
PLANTING_MEDIUM_USED	*	Include recycled potting media Mixed on site Other	Multi-select from drop-down menu
IRRIGATION_WATER_SOURCE	*	Holding pond Ground water/bore well Municipal water Other	Multi-select from drop-down menu
IRRIGATION_METHOD	*	Hand watering Sprinkler Other	Multi-select from drop-down menu
RETENTION_POND_ON_SITE	*	Yes No	Select from drop-down menu
POND_TREATMENT	*	No Yes - treated Yes - not treated	Select from drop-down menu
NURSERY_DRAINAGE	*	Standing water Puddling Poor drainage None	If not "none" provide location of poor drainage. Multi-select from drop-down menu.
DRAINAGE_DESCRIPTION	*	Text	Describe location of standing water
WATER_RUNOFF	*	Yes No	Water runoff into streams or rivers. Select from drop-down menu.
HOST_PROXIMITY	*	Immediate (within 100 feet) Nearby (more than 100 feet) None visible Unknown	Proximity of nursery to environment with host. Select from drop-down menu.
SITE_COMMENTS		Text	General comments on area

One-to-Many Relationship

POINT DATA - Attributes associated with a specific ground point where activities are conducted

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PARCEL DATA- Attributes associated with the place where USDA APHIS PPQ and Cooperators conduct plant safeguarding activities

One-to-Many Relationship

Point Data: Attributes associated with a specific ground point where activities are conducted.

Data Field Name	Req.	Value(s)	Description
SUBSITE_NAME	*	Text	Greenhouse or description of nursery subsite
TARGETED	*	Yes No	Select from drop-down menu
LATITUDE	*	Decimal degree coordinates	WGS84 compatible value to six significant digits
LONGITUDE	*		
SUBSITE_COMMENTS		Text	General comments on subsite, such as standing water, irrigation issues, other

One-to-Many Relationship

Activity Data: Attributes associated with the work performed at the point.

Data Field Name	Req.	Value(s)	Description
ACTIVITY_DATE	*	MM/DD/YYYY	Date Nursery Visited
ACTIVITY_ACTION	*	Annual Survey Compliance Inspection Critical Control Point Delimit Monitor Quarantine Inspection	Single Select from drop-down menu
NAME_TEAM	*	Name of team or surveyor	Auto populated during electronic field data collection or provided during data upload
PROPOGATE_HOST_PLANT		Yes No	Does the nursery propogate host plants? Select from drop-down menu.
ACTIVITY_COMMENTS		Text	Additional comments on activity

One-to-Many Relationship → **SAMPLE DATA - Specimen collected and identified during an activity**

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ACTIVITY DATA – Attributes associated with the work performed at the point

One-to-Many Relationship

Sample Data: Specimen collected and identified during an activity.			
Data Field Name	**Req.**	**Value(s)**	**Description**
SAMPLE_ID	*	Text	Sample Identifier
SPECIMEN_TYPE	*	plant soil water potting medium cull pile Other	Single select from drop-down menu
SPECIMEN_TYPE_OTHER		Text	not required
SPECIMEN_STATUS		Negative Positive Presumptive Positive Undetermined	Sample results from identifiers/NIS *Positive finds outside of quarantined areas may need internal program coordination and approval before reporting through an APHIS database*
NUMBER_PLANTS		Numeric	Number of plants used to collect full sample
GENUS	*	Text	Required when SPECIMEN_TYPE = Plant
SPECIES	*	Text	Required when SPECIMEN_TYPE = Plant ("Unknown" if appropriate)
CULTIVAR	*	Text	Required when SPECIMEN_TYPE = Plant ("Unknown" if appropriate)
ELISA_DATE	*	MM/DD/YYYY	
ELISA_DETERMINED_BY	*	Text	Name of Lab/Identifier
NPPLAP_DATE	*	MM/DD/YYYY	NPPLAP (PCR) Date
NPPLAP_DETERMINED_BY	*	Text	Name of Lab/Identifier
USDA_DETERMIN_DATE	*	MM/DD/YYYY	
USDA_DETERMINED_BY	*	Text	Name of Lab/Identifier
SAMPLE_COMMENTS		Text	Additional comments on sample

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