

---

# **PEI Provincial Regulations on Potato Import and Bacteria Ring Rot (BRR)**

**Dr. Suqi Liu**  
**Chief Plant Health Officer**  
**PEI Department of Agriculture**

---



PRINCE EDWARD ISLAND  
ÎLE-DU-PRINCE-ÉDOUARD

## **PLANT HEALTH ACT**



PRINCE EDWARD ISLAND  
ÎLE-DU-PRINCE-ÉDOUARD

## **PLANT HEALTH ACT POTATOES REGULATIONS**

---

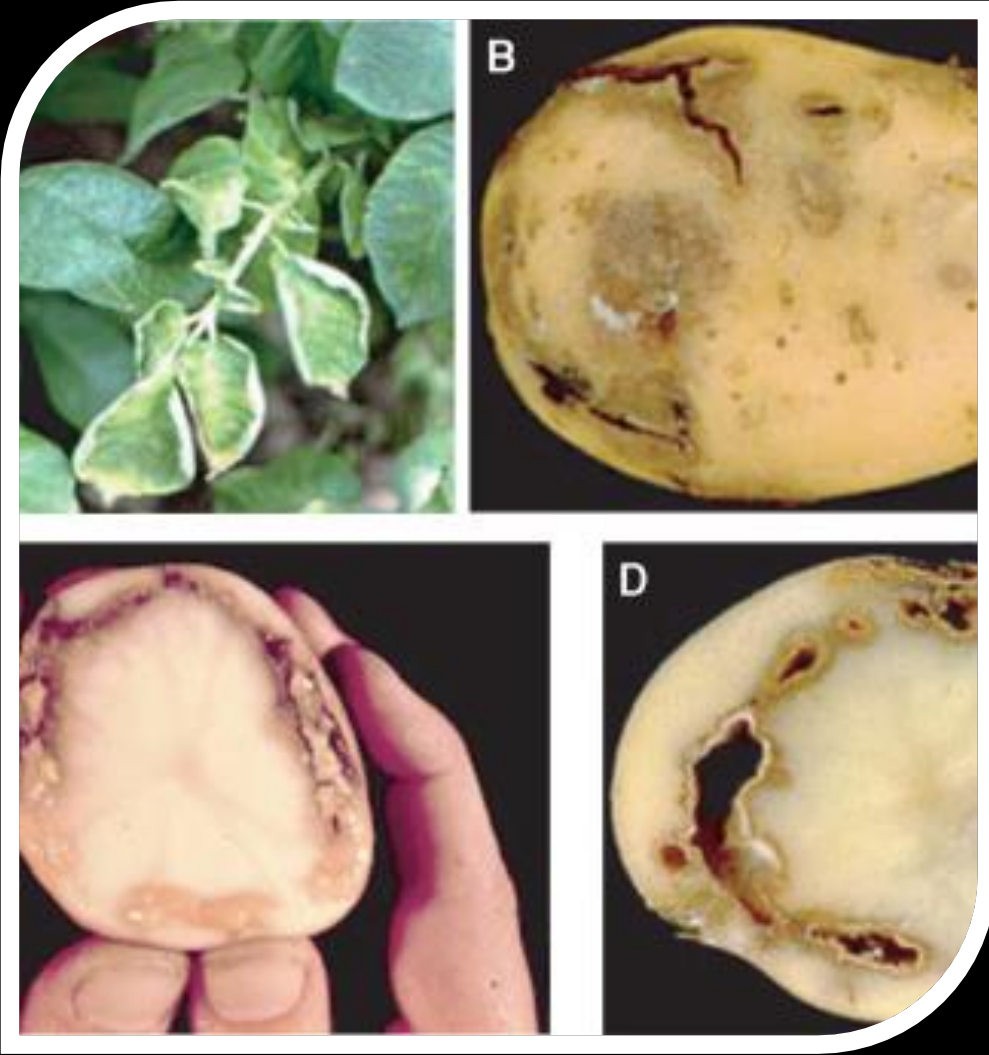
# **PROVINCIAL ACTIONS ON BRR**

## **1) Legislative Authorities:**

- PEI Plant Health Act
- PEI Plant Health Act Potatoes Regulations

## **2) In Alignment with Stakeholder's Priorities**

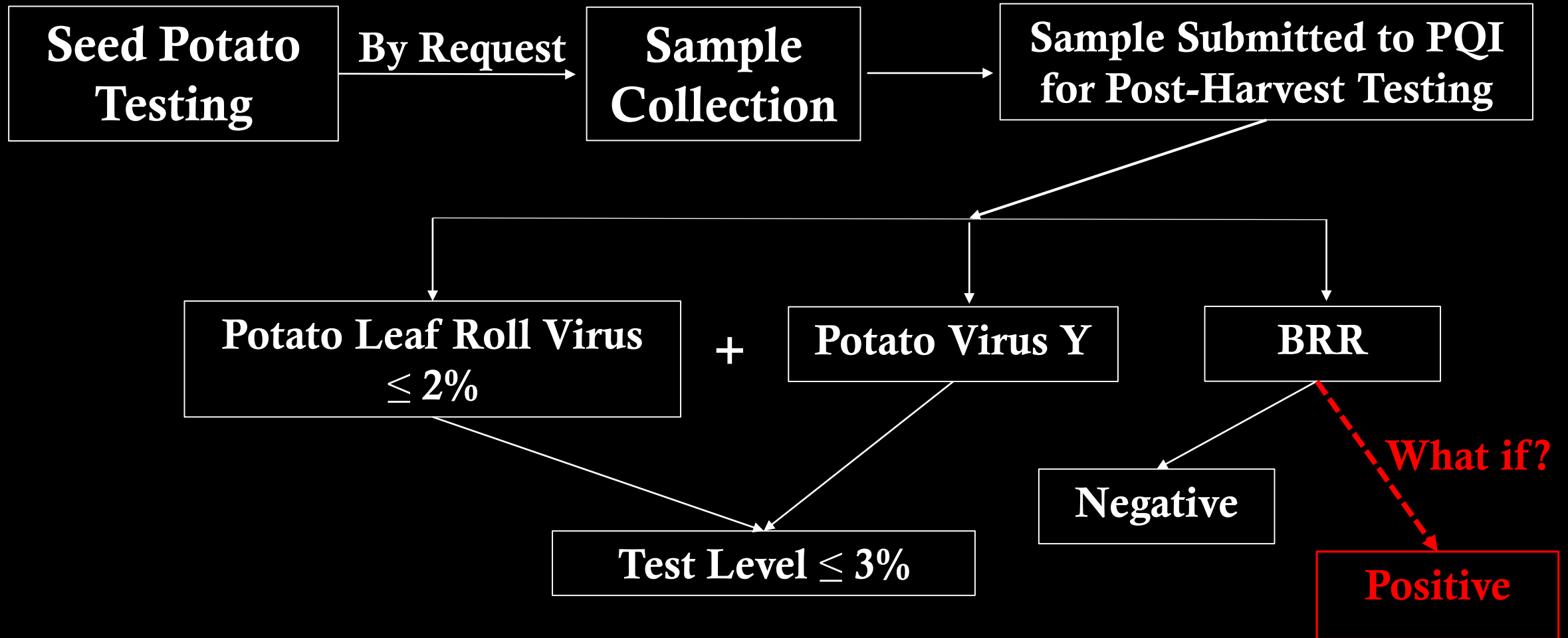
---



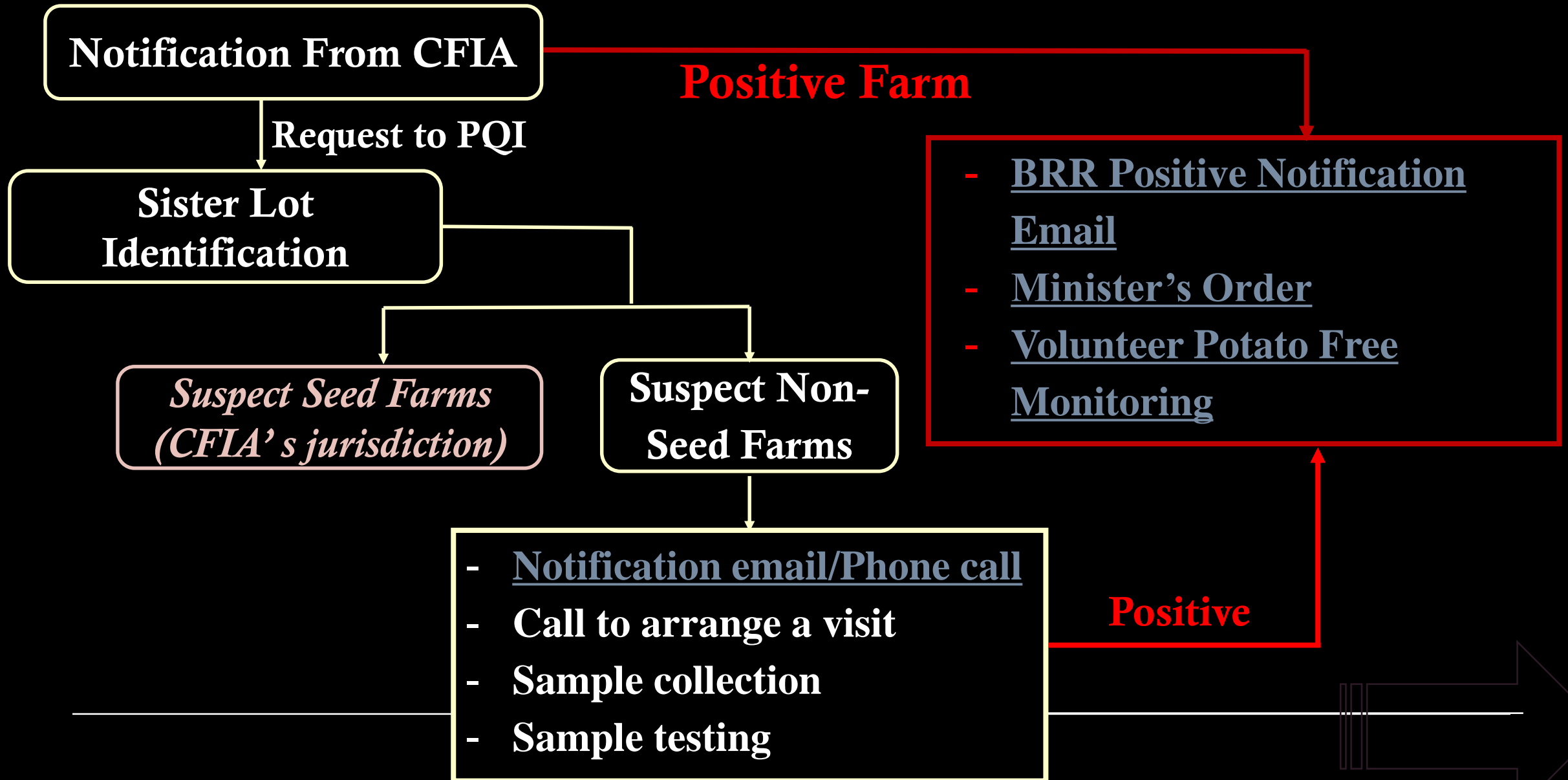
# Provincial Standard Operating Procedure on Potato Bacteria Ring Rot (BRR)

# Plant Health Act Potatoes Regulations

---



# BRR STANDARD OPERATING PROCEDURE



# BRR STANDARD OPERATING PROCEDURE

## Notification of BRR detection



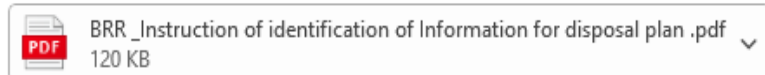
Dr. Suqi Liu

To

[Redacted]



Fri 1/3/2025 3:20 PM



Hi [Redacted]

I am Suqi with PEI Department of Agriculture.

This letter is to inform you that one of your potato lots has been identified as infected with Bacteria Ring Rot (BRR).

Pursuant to the PEI Plant Health Act, a disposal plan must be submitted within 14 days or sooner in accordance with the provided instruction of Identification of Information for disposal plan. A representative from the province will be in touch with you to address any questions you may have regarding the development of a disposal plan.

Your collaboration in the control of this disease is greatly valued.

I would appreciate it if you could confirm receipt of this email at your earliest convenience.

Best regards,

Suqi

**Suqi Liu**, PhD (she, her, hers)

Chief Plant Health Officer

Plant Health Section

Email: [sxliu@gov.pe.ca](mailto:sxliu@gov.pe.ca)

Cell: 902-218-2653

Department of Agriculture

Government of Prince Edward Island

5th Floor Jones Building

11 Kent Street

Charlottetown, PE, C1A 7N8

[www.PrinceEdwardIsland.ca](http://www.PrinceEdwardIsland.ca)

# BRR STANDARD OPERATING PROCEDURE

Notification of fields link to BRR-infected seed potatoes

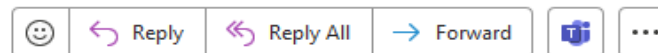
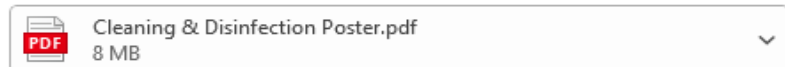


Dr. Suqi Liu

To



You replied to this message on 12/10/2024 9:57 AM.



Tue 12/10/2024 9:52 AM

Hi,

I am Dr. Suqi Liu with PEI Department of Agriculture.

This letter is to inform you that one or more of your potato lots are associated with a seed potato parent lot that has been identified as infected with Bacteria Ring Rot (BRR).

Following the notification, the Department of Agriculture would proceed with sample collection and BRR testing for relevant potato lots, if available.

In response to disease detection, it's important to consider implementing the best management practices to prevent potential infestation and spread of the disease. The relevant documents developed by PEI Potato Board are attached for your reference.

I have also attached the Instruction for Identification of Information for the Disposal Plan for your review. This document is essential in the event that the field is identified as BRR-positive in the future.

Your collaboration in the control of this disease is greatly valued.

I would appreciate it if you could confirm receipt of this email at your earliest convenience.

Thank you!

Suqi

**Suqi Liu, PhD** (she, her, hers)

Chief Plant Health Officer

Plant Health Section

Email: [sxliu@gov.pe.ca](mailto:sxliu@gov.pe.ca)

Cell: 902-218-2653

Department of Agriculture

Government of Prince Edward Island

5th Floor Jones Building

11 Kent Street

Charlottetown, PE, C1A 7N8

[www.PrinceEdwardIsland.ca](http://www.PrinceEdwardIsland.ca)

# BRR STANDARD OPERATING PROCEDURE

---

## *BRR Disposal and Clean-up Notice Minister's Order issued as per Plant Health Act, Cap P-9.1.*

- Order will be signed by the Minister.
- Order will be hand-delivered by an inspector within 48 hours of signature.

IN THE MATTER of the *Plant Health Act*, R.S.P.E.I. 1998, Cap P-9.1, and the regulations having effect thereunder.

### MINISTER'S ORDER

for

**Bacterial Ring Rot Disposal and Clean-up Notice**

TO:

WHEREAS based upon a report from the Canadian Food Inspection Agency (CFIA) I have reason to believe that your 2024 potato crop constitutes a hazard by reason that it is infected with a regulated disease or causal pathogen, namely, Bacterial Ring Rot (*Clavibacter michiganense* subsp. *sepedonicum*),

AND WHEREAS, based upon this report, your entire 2024 potato crop, farm premises, buildings and equipment are considered contaminated and the following shall apply to your farm unit(s),



# **Minister's Order for BRR Disposal and Clean-up Notice**

---

- 1. A Disposal Plan must be prepared within 14 days or less.**
  - 2. Dispose of, or cause to be disposed of entire 2024 potato crop.**
    - Displacement of production**
    - Burial or dehydration of cull potatoes and waste.**
  - 3. Clean up and disinfect or cause to be cleaned up and disinfected farm unit and premises.**
  - 4. No crops may be transported to, from, or within infected farm until the affected potato crop is disposed of and the premises are cleaned and disinfected.**
-

# BRR Disposal Plan

---

## 1. Farm Information:

Farm name, grower name, grower No., address, contact info;

Variety Info: name, class, certification #, field location, size.

Infected field info; Storage location with diagram; Location of disposal site.

---

# **BRR Disposal Plan (cont.)**

---

**2. Biosecurity measures:** such as using a footbath and/or pressurized sprayer to disinfect footwear.

**3. Transportation related information:**

- Identify the location, transporter, and receiver of potatoes.
  - Describe measures to ensure that trucks do not stop at any other farm on PEI after leaving your place.
  - Outline strategies to minimize the risk of potatoes falling onto public highways.
  - Provide instructions on cleaning and disinfecting vehicles and equipment.
-

# **BRR Disposal Plan (cont.)**

---

## **4. Clean-up and Disinfection Plan for Infrastructure**

- Describe the process and timing for cleaning and disinfecting storage, grading, holding, loading and shipping area;
  - Explain the steps and schedule for thoroughly cleaning storage facilities, equipment, and materials to remove all soil and organic matter before applying disinfectant.
-

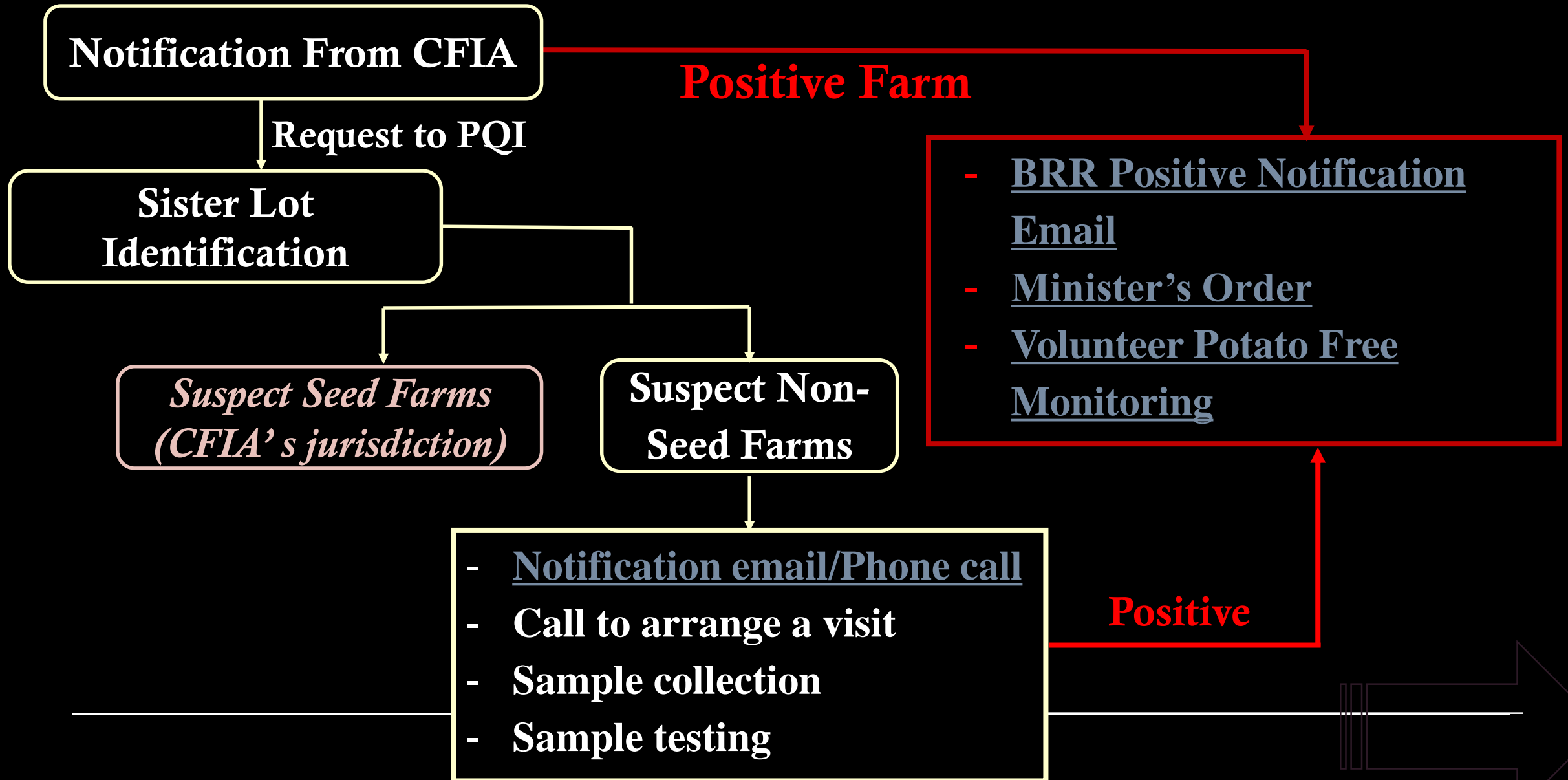
# **BRR Disposal Plan (cont.)**

---

## **5. Documentation**

- **Detail how the movement and destination of loads shipped from farm will be tracked;**
  - **Outline the process for tracking and logging disinfection activities;**
  - **Specify the projected completion date for cleanup and disinfection.**
-

# BRR STANDARD OPERATING PROCEDURE



# Volunteer Free Monitoring

---

## Plant Health Act Potatoes Regulations

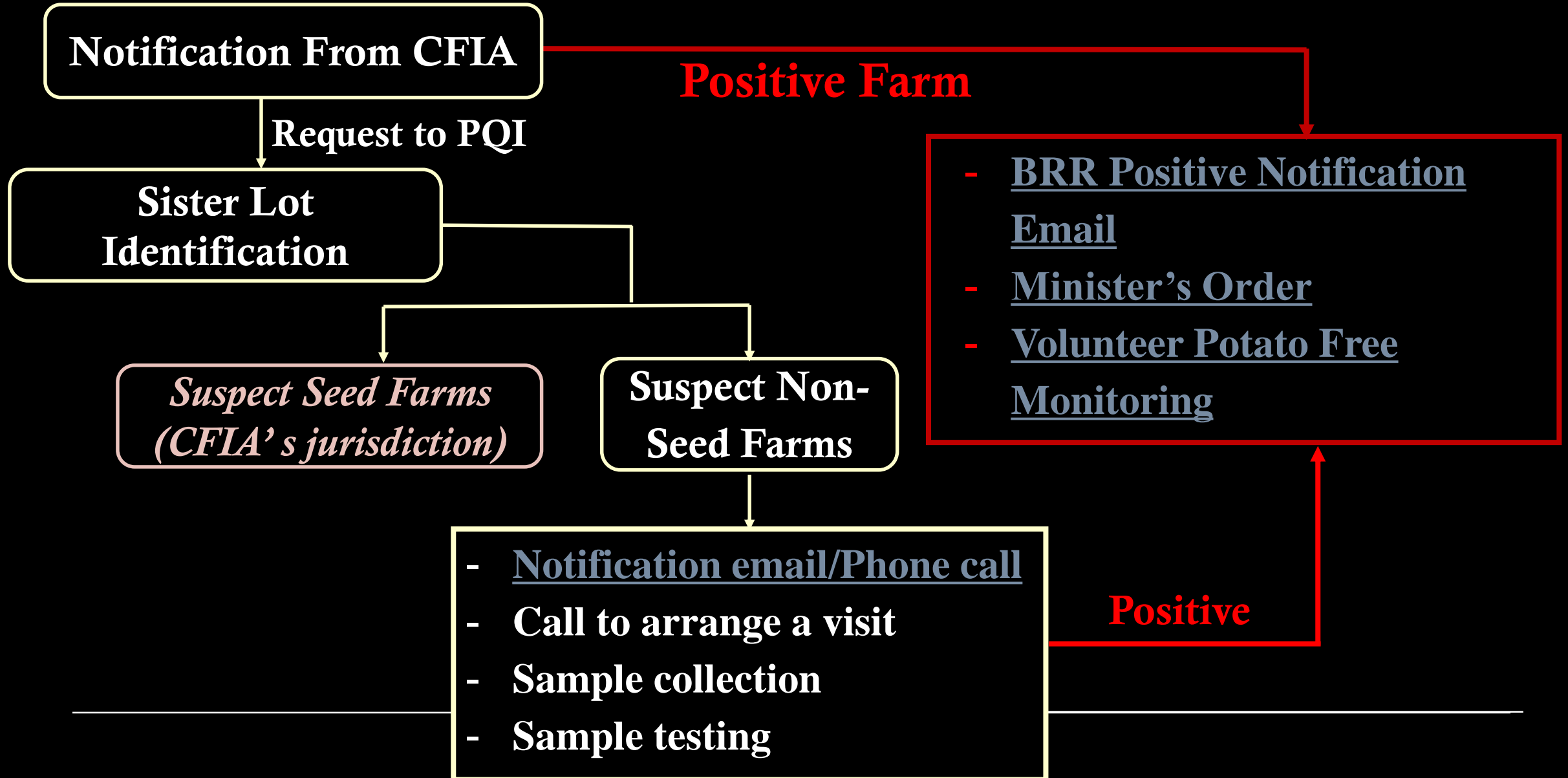
### **10 (3): Clearance of infected area:**

*Potatoes shall not be planted, or allowed to be planted, in a field where there has been an occurrence of bacterial ring rot unless the grower is able to verify, to an inspector, that the field has been free of potatoes, including volunteers, for the previous two years.*

**Potato crops can be planted in BRR infected fields only if no volunteer potatoes are detected for two consecutive years.**

---

# BRR STANDARD OPERATING PROCEDURE





---

# PROVINCIAL REGULATIONS FOR IMPORTING POTATO SEED INTO PEI

## PEI Plant Health Act Potatoes Regulations:

### *12. Permit for extra- provincial seed*

*No person shall plant any seed potato originating outside the province unless that person has obtained a permit to import and plant potato seed from the Minister.  
(EC138/95)*

Planting Permits for Seed Potatoes Originating From Outside  
the Province: Guidelines for Planting

---

# PROVINCIAL REGULATIONS FOR IMPORTING POTATO SEED INTO PEI

- The guidelines are issued in addition to the policy document “Import Requirements for Seed Potatoes and Other Potato Propagative Material;” directive D-98-01 (9th revision), administered by the Canadian Food Inspection Agency (CFIA).
- The planting of seed potatoes grown on farm units located outside the province of Prince Edward Island is regulated to **prevent the entry of regulated diseases and their causal pathogens.**

---

# PROVINCIAL REGULATIONS FOR IMPORTING POTATO SEED INTO PEI

## *Criteria (from outside of PEI):*

1. BRR Testing negative;
2. PVY and PLRV post-harvest testing:  
     $\text{PLRV} \leq 2\%$   
     $\text{PVY} + \text{PLRV} \leq 3\%$
3. CFIA Bulk Movement Certificate/Record of Bulk Movement or Certificate of Authorization. Tags are required for potato seed received in bags.
4. Trucks should be cleaned and disinfected BEFORE loading.

---

# PROVINCIAL REGULATIONS FOR IMPORTING POTATO SEED INTO PEI

## *Additional Criteria (from USA):*

1. Each seed lot shall be identified by a State Certification Program lot number or identifier recognized by CFIA;
2. Each Seed lot shall be assigned a seed potato classification equivalency by CFIA.
3. Farm unit should be free from BRR infection.
4. Have a valid Import Permit issued by CFIA and a current North American Seed Potato Health Certificate issued by relevant state potato certification agency.

# APPLICATION TO PLANT SEED POTATOES ORIGINATING FROM OUTSIDE THE PROVINCE

- Applicant Information
- Growers Planting Imported Seed Potatoes
- Source of Seed Potatoes + Address
- Testing Laboratory
- Testing Results

## Application to Plant Seed Potatoes Originating From Outside the Province (2024)

Ref: Permission to plant seed potatoes will be granted pursuant to the *Planting Permits for Seed Potatoes Originating From Outside the Province: Guidelines for Planting*. Applicants/Growers should familiarize themselves with these guidelines. Copies are available from the Department of Agriculture and Land address below and online at [www.peifarm.ca](http://www.peifarm.ca). Applicants/Growers should also familiarize themselves with the most up-to date versions of the legislation (the *Plant Health Act* and the *Potatoes Regulations*), available at the same address.

Applicant for Permit	Growers Planting Imported Seed Potatoes	Source of Seed Potatoes + Address
Grower Number: <input type="text"/>	1. <input type="text"/>	<input type="text"/>
Name: <input type="text"/>	2. <input type="text"/>	<input type="text"/>
Address: <input type="text"/>	3. <input type="text"/>	<input type="text"/>
Postal Code: <input type="text"/>	4. <input type="text"/>	<input type="text"/>
Phone: <input type="text"/> Fax: <input type="text"/>	5. <input type="text"/>	<input type="text"/>
Email: <input type="text"/>	6. <input type="text"/>	<input type="text"/>

**Testing Laboratory**

☐ P.E.I. Potato Quality Institute Inc.

☐ Agricultural Certification Services Inc.

☐ IRDA

☐ A & L Canada Laboratories Inc.

☐ Phyto Diagnostics Company Limited

☐ Other Name

Seed Potatoes to be Planted on Prince Edward Island				Post Harvest Test			BRR Test	
Certification #	Variety	Class	CWT	Sample Size	PVY %	PLRV %	Sample Size	Res
2023- <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2023- <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2023- <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2023- <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Disease Testing Results from a laboratory for BRR, PLRV and PVY**  
**must accompany this application.**

Signature:  Date:

**Return completed application to**  
Dwight Thompson  
PEI Department of Agriculture and Land  
PO Box 2000, Charlottetown, PE  
C1A 7N8  
Fax: 902-368-4857 Phone: 902-368-4880

Personal information on this form is collected under Section 12 of Prince Edward Island's *Plant Health Act* Potatoes Regulation and will be used for the purpose of determining eligibility and potential issuance of a permit to plant seed potatoes in Prince Edward Island that originate from outside the province. If you have any questions about this collection of personal information, you may contact Dwight Thompson, PO Box 2000, Charlottetown, PE 902- 368-4880

Office use only	Application # <input type="text"/>	Date Received: <input type="text"/>	Approved: <input type="checkbox"/> Yes <input type="checkbox"/> No <b>21</b>
-----------------	------------------------------------	-------------------------------------	------------------------------------------------------------------------------

---

# THANK YOU

Dr. Suqi Liu

Email: [sxliu@gov.pe.ca](mailto:sxliu@gov.pe.ca)

Cell: 902-218-2653

---