

# MODULE 1 LESSON 1

Plant Protection and Quarantine  
(PPQ)

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# PLANT PROTECTION & QUARANTINE

## Agenda

Introduction

Concept of PPQ

Summary

# INTRODUCTION

## Terms and Definitions

### Regulatory Control

- State and federal regulations that prevent the spread of organisms

### Exclusion

- A method of keeping pests out

### Phytosanitary certification

- Use of phytosanitary procedures (such as inspection, treatment, survey) leading to the issue of a certificate

# INTRODUCTION

## **Background**

Protection of a country's most valuable resources is first priority.

As governments became concerned of the spread of destructive pests, regulatory control measures were put in place to protect agriculture and natural resources.

These activities provide layers of protection that form an effective safeguarding continuum.

# INTRODUCTION

## **Scope**

Upon completion of this lesson, you will be able to explain the concept of plant protection and quarantine.

# PROGRESS REPORT

## Agenda

- ✓ Introduction
- Concept of PPQ
- Summary

# CONCEPT OF PPQ

## Plant Quarantine

### Foreign Quarantine

- The concept of quarantine emerged in the early 14<sup>th</sup> century after the arrival of the Black Death plague in Europe
- Quarantine derived its name from the Italian word '*quarantina*' meaning 'approximately 40 days'
- Quarantine before entry literally should mean isolation for the appearance of symptoms

# CONCEPT OF PPQ

## Plant Quarantine

### Foreign Quarantine

- ◉ Exclusionary efforts to protect the agriculture and natural resources of an importing country against harmful non-indigenous pests and pathogens
- ◉ Referred to as “foreign quarantine”

# CONCEPT OF PPQ

## Plant Quarantine

### Foreign Quarantine

- ① Issuance of foreign quarantines prohibits the importation of host materials of the plant pest or disease
- ① Foreign quarantine notices specify the host material to be excluded and name the country where the pest is present or disease occurs

# CONCEPT OF PPQ

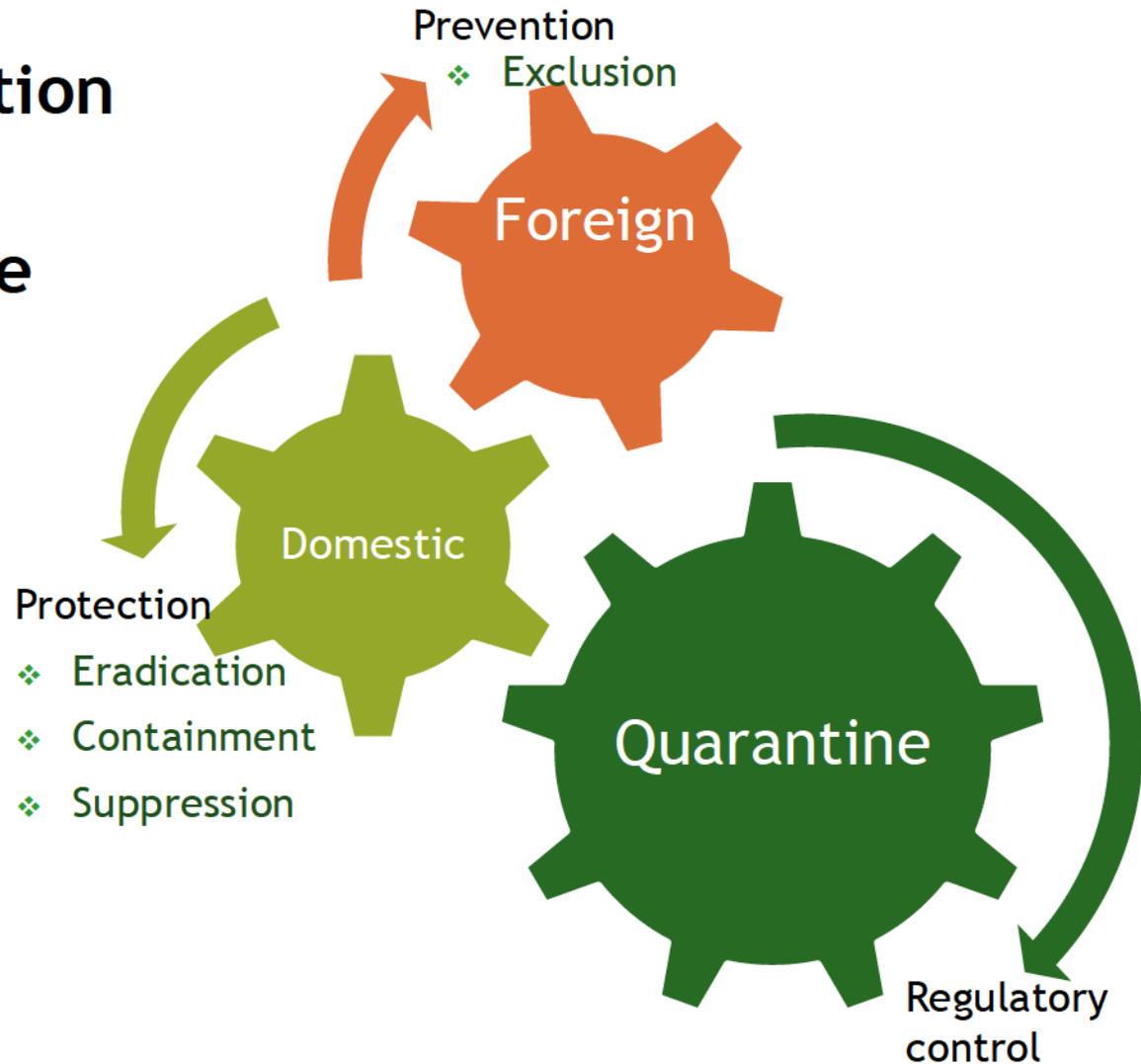
## **Plant Protection**

### Domestic Quarantine

- ◉ For control activities directed towards limiting the introduction or spread of pests
- ◉ Safeguard against the domestic spread of introduced plant pest and diseases into new areas

# CONCEPT OF PPQ

## Plant Protection and Quarantine



# CONCEPT OF PPQ

## Plant Protection & Quarantine

A control strategy against plant pests applied to the following areas:

- ⦿ Exclusion of exotic organisms of quarantine importance
- ⦿ Phytosanitary certification and/or treatment of agricultural exports
- ⦿ Plant protection or control, including survey, of recently introduced pests that are not yet widespread in the ecological range of their hosts

# PROGRESS REPORT

## Agenda

- ✓ Introduction
  - ✓ Concept of PPQ
- Summary

# SUMMARY

In this lesson, you learned the concept of plant protection and quarantine.

# PROGRESS REPORT

## Agenda

- ✓ Introduction
- ✓ Concept of PPQ
- ✓ Summary

# REFERENCES

Ebbels, D. L. (2003). *Principles of Plant Health and Quarantine*. Wallingford: CAB International.

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