

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 14th 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

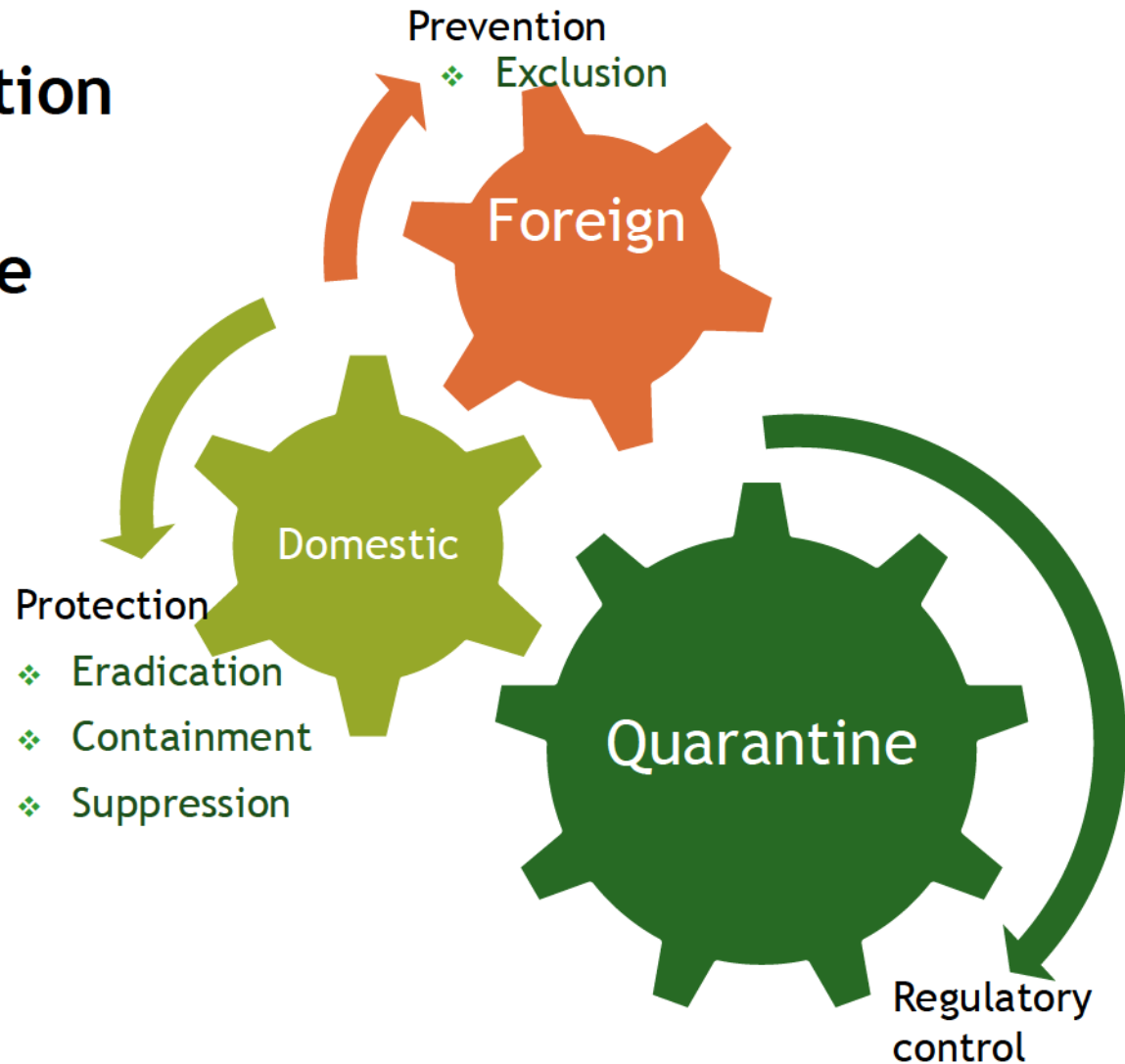
Plant Protection

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

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