



Excluding Examiner Comments



**R3103**

**THE MANAGEMENT OF PLANT HEALTH**

**Level 3**

**Wednesday 5 February 2025**

**11:45 – 12:50**

**Written Examination**

**Candidate Number:** .....

**Candidate Name:** .....

**Centre Name:** .....

**IMPORTANT – Please read carefully before commencing:**

- i) The duration of this paper is **65** minutes;
- ii) **ALL** questions should be attempted;
- iii) **EACH** question carries **10 marks**;
- iv) Write your answers legibly in the spaces provided. It is **NOT** necessary that all lined space is used in answering the questions;
- v) Use **METRIC** measurements only;
- vi) Use black or blue ink only. Pencil can be used for drawing purposes only. Ensure that all diagrams are labelled accurately with the line touching the named object;
- vii) Where plant names are required, they should include genus, species and where appropriate, cultivar;
- viii) Where a question requires a specific number of answers; only the first answers given that meet the question requirement will be accepted, regardless of the number of answers offered;
- ix) Please note, when the word '**distinct**' is used within a question, it means that the items have different characteristics or features.





**Q2**

Describe a disease of a horticultural crop caused by a **NAMED** virus under **EACH** of the following headings:

- i) **TWO** specific symptoms
- ii) **TWO** distinct methods of transmission
- iii) **THREE** methods of control

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Total Mark

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**Q3 a)** Describe **THREE** distinct impacts of the Sustainable Use Directive on the management of plant protection.

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**Q5** a) State **FOUR** reasons why annual meadow grass (*Poa annua*) is a successful weed.

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b) State **TWO** distinct controls for annual meadow grass (*Poa annua*) for **EACH** of **TWO** different **NAMED** horticultural situations where annual meadow grass can become a problem weed, by completing the table below.

	<b>NAMED Horticultural situation 1.</b>	<b>NAMED Horticultural situation 2.</b>
<b>Control 1</b>		
<b>Control 2</b>		

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**Q6** a) State **FOUR** reasons why pests and diseases can be classified as notifiable.

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b) State the bio security measures in place to manage a notifiable disease under **EACH** of the following headings:

- i) prevention of introduction
- ii) prevention of establishment following a suspected outbreak

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