**Biology Revision: Plant Diseases**

Mastery Matrix Points TRIPLE ONLY

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| Explain how diseases in plants can be detected (triple only) |
| Describe the types of diseases that can affect plants (triple only) |
| Explain the adaptations of plants that help them to defend themselves against diseases (triple only) |

Key Knowledge

Seven signs of plant diseases:

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Three ways to check what disease a plant has:

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| *Type* | *Example that affects plants* |
| Virus |  |
| Fungus |  |
| Insect |  |

Deficiency diseases –

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| --- | --- | --- |
| *Ions* | *Symptoms of deficiency* | *Why is this mineral important to plants?* |
| Nitrate |  |  |
| Magnesium |  |  |

Understanding and Explaining

1. Describe what aphids are.
2. Describe three physical defences plants can have against disease.

1. Describe two chemical defences plants can have against disease.
2. Describe three mechanical adaptations plants can have against disease.