

**Specification of Competency Standards**  
**for the Arboriculture & Horticulture Industry**  
**Unit of Competency**

Functional Area - Diagnosis and Treatment of Pests and Diseases

Title	Monitor plants infected by pests and diseases and guide caring procedures
Code	109126L4
Range	This unit of competency is applicable to supervisors who are engaged in monitoring and caring work in the arboriculture and horticulture industry. Practitioners should be capable of supervising frontline staff to care for plants infected by pests and diseases in accordance with the established monitoring and caring plans of the organisation, as well as preparing monitoring reports to point out the effectiveness of the plans at different stages.
Level	4
Credit	4 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Possess knowledge related to monitoring and caring for plants infected by pests and diseases</p> <ul style="list-style-type: none"> <li>• Comprehend the correct methods, techniques and procedures of caring for plants infected by pests and diseases</li> <li>• Comprehend the objectives, content and working guidelines of the implementation of the monitoring and caring plans by the organisation</li> <li>• Familiarise with the use of the equipment and tools required for undertaking monitoring and caring work</li> <li>• Possess knowledge of the inspection of the health and structural conditions of plants</li> <li>• Possess knowledge of plant disease epidemiology</li> <li>• Comprehend the chemical composition of various pesticides (such as insecticides and fungicides) and their effects on plants</li> </ul> <p>2. Monitor and care for plants infected by pests and diseases</p> <ul style="list-style-type: none"> <li>• Follow the guidelines of the organisation to instruct staff to care for plants infected by pests and diseases, for example, pruning branches infected by pests and diseases, irrigating, and injecting or spraying drugs</li> <li>• Monitor plants infected by pests and diseases regularly to inspect their health and structural conditions</li> <li>• Record the details of each inspection and caring operation for future follow-up</li> <li>• Prepare monitoring reports and point out the effectiveness of the monitoring and caring plans at different stages based on the records of the routine inspection and caring operations, such as the spread of disease, number of pests and health conditions of plants</li> </ul>
Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> <li>• Able to implement regular inspection and guiding work in accordance with the established monitoring and caring plans to improve the health conditions of the plants infected by pests and diseases; and</li> <li>• Able to prepare monitoring reports based on the past monitoring and caring operation records, detailing the implementation of the plans and the effectiveness of the caring measures.</li> </ul>
Remark	