Unit Title:	**Identify and report the presence of pests, diseases and disorders**
OCR unit number:	20
Sector unit number:	B.34
Level:	2
Credit value:	3
Guided learning hours:	23
Unit reference number:	K/502/1511

Unit purpose and aim

This unit comes from the land based and environmental sector. It is included as an option within the Retail Skills qualifications for candidates who work in garden centres.

Learning Outcomes	Assessment Criteria
The Learner will:	**The Learner can:**
1 Identify and report the presence of pests, diseases and disorders	1.1 monitor the crop(s) in accordance with production requirements 1.2 correctly identify the presence of pests, diseases and disorders 1.3 correctly identify the presence of any biological controls in use and beneficial insects 1.4 establish the extent of the pest population, disease and any disorders 1.5 promptly report the presence to the appropriate person
2 Be able to work safely and minimise environmental damage	2.1 work in a way which maintains health and safety and is consistent with relevant legislation, codes of practice and any additional requirements 2.2 carry out work in a manner which minimises environmental damage
3 Know how to identify and report the presence of pests, diseases and disorders	3.1 describe reasons for monitoring the crop 3.2 describe when to carry out crop monitoring 3.3 describe common types of pests, diseases and disorders and the problems caused 3.4 describe biological controls and beneficial insects that can be used 3.5 identify to whom you should report the presence and extent of pests, diseases, disorders and biological control/beneficial insects

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Learning Outcomes	Assessment Criteria
4 Know relevant health and safety legislation and environmental good practice	4.1 outline the current health and safety legislation, codes of practice and any additional requirements 4.2 describe how environmental damage can be minimised 4.3 describe the correct methods for disposing of waste 4.4 describe the health and safety risks in monitoring pests, diseases and disorders

Assessment

This unit requires workplace assessment of occupational competence. It is internally assessed by centre staff and externally assessed by an OCR External Verifier.

The unit is competence-based. This means that it is linked to the candidate's ability to competently perform a range of tasks associated with their work.

Simulation will not be acceptable where the unit is included in qualifications which verify competent performance. Please refer to Lantra's Assessment Strategy for further guidance.

Assessment conducted by an external/peripatetic assessor must adhere to section 4.2.1 of Skillsmart Retail's '*Retail Qualifications Assessment Principles'*. As such, OCR requires the line manager or the owner/manager to sign and date the bottom of each unit Evidence Record Sheet (ERS) to both confirm their involvement and the candidate's competence. This should be on or prior to the signature and date provided by the assessor.

Evidence requirements

OCR does not stipulate the mode of delivery for the teaching of the content of this unit. Centres are free to deliver this unit using any mode of delivery that meets the needs of their candidates. Centres should consider the candidates' complete learning experience when designing programmes of learning.

Guidance on assessment and evidence requirements

You should refer to the '*Admin Guide: Vocational Qualifications* (A850)' for *Notes on Preventing Computer-Assisted Malpractice*.

National Occupational Standards (NOS) mapping/signposting

This unit is based on the NOS reference LANCU78

NOS can be viewed on the relevant Sector Skills Council's website or the Occupational standards directory at www.ukstandards.co.uk.

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Functional skills signposting

This section indicates where candidates may have an opportunity to develop their functional skills.

Functional Skills Standards					
English		**Mathematics**		**ICT**	
Speaking and Listening	✔	Representing		Use ICT systems	✔
Reading	✔	Analysing		Find and select information	✔
Writing	✔	Interpreting		Develop, present and communicate information	✔

Additional information

For further information regarding administration for this qualification, please refer to the OCR document '*Admin Guide: Vocational Qualifications' (A850)* on the OCR website www.ocr.org.uk .