

# LANAgC6 - SQA Unit Code H542 04

## Store and maintain harvested crops



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### Overview

This standard covers the storage and maintenance of harvested crops. Crops may include grass, arable crops, vegetables, herbs, flowers or fruit. The standard applies to the storage of crops indoors or outdoors. It also covers temperature-controlled storage.

The standard includes preparing the storage area, storing the crop and monitoring the storage of the crop.

You will be working in accordance with instructions and specifications.

This standard is suitable for anyone who carries out the storage of harvested crops.

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### Performance criteria

- You must be able to:*
- P1 prepare the storage facility in accordance with specifications
  - P2 carry out measures to prevent the risk of contamination by pests or disease in accordance with specifications
  - P3 check crops have been properly prepared before storage
  - P4 store crops in the storage facility in accordance with specifications and in a manner which minimises damage
  - P5 prepare, use and maintain equipment in a safe, clean and effective condition throughout, including personal protective equipment where required
  - P6 maintain suitable levels of hygiene and biosecurity
  - P7 maintain the storage facility in a safe and secure condition
  - P8 conduct routine inspections of the storage facility and the crop in accordance with specifications
  - P9 maintain harvested crops in an optimum condition
  - P10 identify the presence of pests or any damage or contamination to the crop and take the appropriate action
  - P11 check the environmental conditions of storage facilities and take appropriate action
  - P12 carry out stock rotation where appropriate in accordance with specifications
  - P13 remove crops from the storage facility in accordance with instructions and in a manner which minimises damage
  - P14 carry out all work in accordance with relevant environmental and health and safety legislation, risk assessment requirements, codes of practice and company policies
  - P15 keep accurate and up-to-date records as required by relevant legislation and the organisation

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### Knowledge and understanding

*You need to know and understand:*

- K1 type and condition of storage facility necessary for the harvested crop
- K2 signs of pests and disease and the action to take
- K3 types of measures which may be taken to prevent risk of damage from pests
- K4 the use of pest control measures and their relevant legislation
- K5 reasons for preparing the storage facility
- K6 preparation requirements for crops
- K7 reasons for the way crops are arranged in storage facilities
- K8 how to prepare, use and maintain equipment in a safe and effective condition
- K9 ways in which security and safety of the storage facility is maintained
- K10 the importance of maintaining hygiene and biosecurity when storing crops, and the methods for achieving this
- K11 methods for conducting routine inspections and the reasons for them
- K12 conditions required for maintaining stored crops in good condition
- K13 how to recognise stored crops which are damaged or contaminated and the appropriate action to take
- K14 methods of preventing damage or contamination to stored crops
- K15 the purpose of stock rotation
- K16 your responsibilities under relevant environmental and health and safety legislation, codes of practice and company policies
- K17 the records which need to be maintained

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### Glossary

Specifications: schedules, method statements, Standard Operating Procedures (SOPs), manufacturers guidelines, customer requirements, crop requirements

Instructions: verbal or written.

Conduct routine inspections for the presence of:

- animals
- insects
- birds
- mould
- disease
- contamination
- bruising / damage
- moisture / humidity
- changes in temperature

Records: manual or electronic

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<b>Developed by</b>	Lantra
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<b>Date approved</b>	January 2013
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<b>Validity</b>	Current
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<b>Status</b>	Original
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<b>Originating organisation</b>	Lantra
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<b>Original URN</b>	LANAgC8
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<b>Relevant occupations</b>	Farmer; Nursery Worker; Fruit and Vegetable Production Worker; Packer; General Farm Worker
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<b>Suite</b>	Agricultural Crop Production; Horticulture
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<b>Key words</b>	crops; storage; vegetables; arable; grass; fruit
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