

---

## Overview

This standard covers the planning and management of harvesting and post-harvest activities for crops including grass, root crops, arable crops, vegetables, herbs, flowers or fruit.

Post-harvest activities could include selection, cleaning, drying, pre-storage treatments, grading, quality control, packing and labelling. The type of activities will depend on the crop, destination and market/customer requirements.

This standard is suitable for those who have responsibility for the planning and management of harvesting and post-harvest activities.

## Performance criteria

*You must be able to:*

1. identify the destination and the market/customer requirements of the crop
2. plan and schedule the harvesting of the crop and post-harvest activities according to the destination and market/customer requirements
3. identify and confirm the availability of the resources required to implement the plan
4. communicate the plan to those involved with its implementation
5. establish measures to maintain the required levels of hygiene and bio-security and ensure that they have been implemented
6. establish measures for the recycling or disposal of waste and by-products in accordance with relevant legal and organisational requirements, and confirm that they have been implemented
7. confirm that working methods maintain health and safety and are consistent with relevant legislation, codes of practice and organisational requirements
8. confirm that those involved in the harvesting of crops and post-harvest activities are using appropriate personal protective equipment (PPE)
9. manage the harvesting of the crop to confirm that it meets the destination and market/customer requirements
10. monitor the harvesting process and adapt plans accordingly, taking into account such things as changing conditions, weather, market requirements, etc.
11. manage the transportation of the crop from the field
12. manage post-harvest activities to meet storage or market/customer requirements
13. manage all harvesting and post-harvest activities to ensure that they meet the requirements for quality assurance
14. confirm that records are maintained and stored as required by relevant legislation, codes of practice, quality assurance requirements and organisational policies

## Knowledge and understanding

*You need to know and understand:*

1. the application of relevant harvesting standards
2. how to develop a management plan for harvesting and post-harvest activities
3. how to determine the human, financial, material and capital resources necessary to achieve the plan
4. how the destination and market/customer requirements of the crop impact on the harvesting and post-harvesting activities
5. how the needs of crops differ in terms of harvesting, transport and post-harvest activities
6. how market/customer requirements determine the methods of moving and transporting crops
7. the likely causes of deviations from plans and the impact of deviations on the harvesting of crops and post-harvest activities
8. the requirements for quality assurance
9. the methods of maintaining hygiene and bio-security and the reasons why this is important
10. the relevant legal and organisational requirements for the handling, transport, storage and disposal of waste and by-products
11. the opportunities for recycling, for example water, plant material
12. the importance of confirming that the correct personal protective equipment (PPE) is used by those harvesting crops and carrying out post-harvest activities
13. your responsibilities under relevant environmental, health and safety and food hygiene legislation, codes of practice and organisational requirements
14. the requirements for reporting and recording and the length of time for which records should be retained

---

## Glossary

### Crops could include:

- root crops
- grass
- arable crops
- vegetables
- herbs
- flowers
- fruit

### Post-harvest activities could include:

- selection
- cleaning
- drying
- pre-storage treatments
- grading
- quality control
- packing
- labelling

---

**Developed by** Lantra

---

**Version Number** 3

---

**Date Approved** January 2018

---

**Indicative Review Date** January 2023

---

**Validity** Current

---

**Status** Original

---

**Originating Organisation** Lantra

---

**Original URN** LANAgM25

---

**Relevant Occupations** Farmer; Farm Manager; Nursery Worker

---

**Suite** Agricultural Management

---

**Keywords** crops; plants; harvest; post-harvest

---