

Open Awards Qualification Unit



This unit forms part of a regulated qualification.

1 Unit Details

Unit Title:	Harvest Crops Using Mechanical Means
Unit Reference Number:	K/618/8378
Level:	2
Credit Value:	4
Minimum GLH:	30

2 Learning Outcomes and Criteria

Learning Outcome (The Learner will):	Assessment Criterion (The Learner can):
1. Know the health, safety and environmental legislation and codes of practice that apply to harvesting crops by mechanical means.	1.1 Be able to work safely when harvesting crops by mechanical means.
	1.2 State how environmental damage can be minimised during mechanical harvesting.
	1.3 State safe and appropriate ways of disposing of organic and inorganic waste during and following harvesting.
2. Understand how to harvest crops mechanically.	2.1 Explain mechanical methods for harvesting a range of crops.
	2.2 Explain the importance of adjusting the harvesting process to take account of: <ul style="list-style-type: none"> • Crop density • Crop condition • Prevailing weather • Ground conditions.
	2.3 Describe the types of problems that may occur during mechanical harvesting.
	2.4 Identify individuals to whom problems with harvesting should be reported.
3. Know how to prepare mechanical equipment for mechanical crop harvesting.	3.1 Identify types of mechanical equipment used for harvesting a range of crops.
	3.2 State safe methods for preparing a range of equipment for harvesting crops.
	3.3 State safe methods for maintaining a range of equipment for harvesting crops.

4. Be able to prepare and use mechanical equipment for harvesting crops.	4.1	Select appropriate mechanical and other equipment for harvesting given crops.
	4.2	Use relevant mechanical and other equipment safely and appropriately for harvesting crops.
	4.3	Clean equipment appropriately and safely following use.
	4.4	Store equipment safely and in line with manufacturers' instructions following use.
5. Be able to harvest crops using mechanical means.	5.1	Select crops for harvesting.
	5.2	Harvest crops in ways which minimise damage to crops and the environment.
	5.3	Carry out appropriate adjustments for: <ul style="list-style-type: none"> • Crop density • Crop condition • Prevailing weather • Ground condition.
	5.4	Handle harvested crops in ways which minimise damage and maintains quality of crops.
	5.5	Report issues with crops, equipment and harvesting to appropriate individuals in a timely fashion.
6. Be able to work safely when harvesting crops by mechanical means.	6.1	Follow relevant health, safety and environmental legislation and guidelines when harvesting crops using mechanical means.
	6.2	Work in ways which minimises damage to crops and equipment during harvesting.
	6.3	Maintain own and others' health and safety during mechanical harvesting.
	6.4	Dispose of waste in line with legislation and guidance in ways that minimise environmental impacts.