

<b>Title</b>	<b>Operate and maintain seed handling machinery and equipment in a seed processing store, and weigh seeds</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>15</b>

<b>Purpose</b>	People credited with this unit standard are able to: operate seed handling machinery; operate seed handling equipment; maintain machinery and equipment; and certify weigh scales, weigh seeds and record weight.
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<b>Classification</b>	Agriculture > Seed Dressing
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Legislation relevant to this unit standard includes but is not limited to:
  - Health and Safety at Work Act 2015; and any subsequent amendments.
- 2 Definitions
 

*Contamination* – other crop seeds and inert material.

*Seeds* – grains, pulses, vegetables, and small seeds such as grass and clover seed.

*Waste* – crop seed in offal.

*Workplace procedures* refer to instructions to staff on policy and procedures which are communicated in verbal or written form. These requirements may include but are not limited to – manufacturers' instructions, company safety requirements, and industry codes of practice and standards. Workplace procedures must include legislative requirements.
- 3 Where seed is to be certified, performance criteria must meet the requirements of workplace procedures andASUREQuality, available from [www.asurequality.com](http://www.asurequality.com).
- 4 Certified Scales used meet Trading Standards, available from [www.tradingstandards.govt.nz](http://www.tradingstandards.govt.nz).
- 5 All evidence presented in this unit standard must be in accordance with workplace procedures.

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## Outcomes and performance criteria

### Outcome 1

Operate seed handling machinery.

Range may include but is not limited to – augers, tubulators, cup elevators; evidence of at least two types of machinery is required.

### Performance criteria

- 1.1 Check allocated storage area.
- 1.2 Check machinery is free of contamination before use.
- 1.3 Adjust speed and height of machinery to match storage and seed type.
- 1.4 Check seed is not damaged during handling.
- 1.5 Minimise waste during handling.
- 1.6 Use seed handling machinery.
- 1.7 Ensure machinery is left ready for further use.
- 1.8 Notify supervisor of any machinery failure.

### Outcome 2

Use seed handling equipment.

Range may include but is not limited to – bag sewers, dust extractors, air compressors, vacuum cleaners, certified ladders; evidence of at least three types of equipment is required.

### Performance criteria

- 2.1 Notify supervisor of any equipment failure.
- 2.2 Follow manufacturers and workplace safety procedures when operating equipment.
- 2.3 Remove, dispose of, or store hazardous objects in working areas.
- 2.4 Notify supervisor where safe machine operation practices cannot be used.

**Outcome 3**

Maintain machinery and equipment.

Range machinery and equipment may include but is not limited to – augers, tubulators, cup elevators, bag sewers, extractors, air compressors, vacuum cleaners, certified ladders.  
evidence of at least five types of machinery or equipment is required.

**Performance criteria**

- 3.1 Carry out and record minor repairs without risk of injury to self or others, and return equipment or machinery to service with minimum down time.
- 3.2 Carry out preventative maintenance in accordance with the equipment maintenance schedule and manufacturers' recommendations.
- 3.3 Carry out and record minor repairs on machinery and equipment.

**Outcome 4**

Certify weigh scales, weigh seeds and record weight.

**Performance criteria**

- 4.1 Certify scales used comply with Trading Standards.
- 4.2 Weigh seeds on weigh scales.
- 4.3 Record seeds weighed and their weight.
- 4.4 Check weight of filled container is within accepted tolerances.

<b>Planned review date</b>	31 December 2026
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	27 November 1998	31 December 2024
Revision	2	14 August 2002	31 December 2024
Review	3	19 May 2006	31 December 2024
Review	4	24 March 2022	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0052
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

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**Comments on this unit standard**

Please contact Muka Tangata - People, Food and Fibre Workforce Development Council [qualifications@mukatangata.nz](mailto:qualifications@mukatangata.nz) if you wish to suggest changes to the content of this unit standard.