

Title	Sow seed for crops		
Level	4	Credits	20

Purpose	People credited with this unit standard are able to: confirm job instructions; select and prepare equipment and machinery for sowing crops; carry out field preparation; sow seed for crops; and carry out post-operational procedures.
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Classification	Rural Contracting > Agricultural Contracting
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Available grade	Achieved
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Guidance Information

- 1 Evidence presented for assessment against this unit standard covers the drilling of seed only and must be consistent with safe working practices and be in accordance with relevant legislative and industry requirements.
- 2 Legislation and references relevant to this unit standard include:
 - Health and Safety at Work Act 2015 available from www.legislation.govt.nz;
 - and all subsequent amendments and replacements.
- 3 Definitions

Industry requirements refer to relevant policies, processes, methodologies, industry codes of practice, site specific health and safety plans, standard operating procedures, site safety plans, quality plans, work plans, traffic management plans, contract work programmes, job safety analysis, safe work method statements, job instructions, manufacturer's requirements, contract specifications, manuals, procedural documents.

Seed drill refers to direct drill (zero tillage), conventional drill (cultivated ground), or precision drill (zero tillage and cultivated ground).
- 4 It is recommended people achieve Unit 6273, *Demonstrate knowledge of crop production for rural contracting work*, or demonstrate equivalent knowledge and skills before being assessed against this unit standard.

Outcomes and performance criteria

Outcome 1

Confirm job instructions.

Performance criteria

- 1.1 Job instructions are confirmed.

Outcome 2

Select and prepare equipment and machinery for sowing crops.

Performance criteria

- 2.1 Tractor and drill appropriate for the crop to be sown and the anticipated surface and soil conditions are selected.
- 2.2 Equipment and machinery are checked, fit for purpose, and any corrective action is taken.
- 2.3 Calibrations are completed.

Outcome 3

Carry out field preparation.

Performance criteria

- 3.1 Work pattern is determined to produce systematic and efficient seed application over the targeted area attending to potential hazards.
- 3.2 Ground conditions are assessed for suitability for sowing crop.
- 3.3 Appropriate equipment and machinery adjustments are made for the work to be carried out.

Outcome 4

Sow seed for crops.

Performance criteria

- 4.1 Seed is sown at the predetermined rate or spacing and depth with minimum overlap and no unsown areas.
- 4.2 Tractor and drill are monitored during use, and required adjustments are made in accordance with job requirements.

Outcome 5

Carry out post-operational procedures.

Performance criteria

- 5.1 Equipment is cleaned, lubricated, and damage is repaired, replaced, or reported.
- 5.2 Equipment and machinery are shut down and stored.

- 5.3 Documentation for the operation is completed and stored in accordance with client requirements.

Planned review date	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	31 October 2002	31 December 2014
Review	2	25 June 2007	31 December 2016
Review	3	16 July 2015	31 December 2023
Review	4	26 August 2021	N/A

Consent and Moderation Requirements (CMR) reference	0101
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Connexis - Infrastructure Industry Training Organisation qualifications@connexis.org.nz if you wish to suggest changes to the content of this unit standard.